

## POLYCYCLIC BENZENOID HYDROCARBONS - THE PRIMARY DATA SOURCE

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Abstract: A literature search was performed in order to compile all the known planar polycyclic benzenoid hydrocarbons. The data were extracted from Chemical Abstracts , Beilstein's Handbuch der Organischen Chemie and from Clar's monograph "Polycyclic Hydrocarbons". Every entry in the data file consists of the reference to chemical literature and a compact name of the compound. In addition , the total formula and the type (cata or peri) of the hydrocarbon are reported.

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## INTRODUCTION

The importance of polycyclic benzenoid hydrocarbons (BHs) in chemistry cannot be underestimated. Enough to say that , even if we confine our interest to topological studies on BHs , the number of published papers approaches several hundreds. To make the situation even more complicated , there are several different nomenclature systems for BHs , based both on standard and topological schemes<sup>1</sup>.

Quite recently we have undertaken in our laboratory an effort to systematize the available information on BHs. The very first step in this task was to devise an universal naming system for these compounds<sup>2,3,4</sup>. Then we compared the compact naming (CN) with the existing nomenclatures in respect to conciseness and practical advantages in use<sup>1</sup>. The results indicated that CN cuts down tremendously the redundancy inherent in the existing naming systems and can be a practical basis for creating data storage and retrieval systems for benzenoid hydrocarbons.

The next stage of our work was a compilation of all the known BHs in order to obtain the datafile comprising their entries in chemical literature. Of course , because of the limitations in the volume of this datafile , it is impossible to quote all the information available for these compounds. On the other hand , confining the scanning process to the primary chemical literature (like Chemical Abstracts) , we result in the primary data source which can serve for a fast reference. Such a datafile we present in our paper.

#### LITERATURE SEARCH

The literature search has been performed in 5 steps :

- 1) First , the data were collected from Chemical Abstracts (CA) Vols.45 - 100<sup>5</sup>. The Ring Index issues of each volume were scanned and , for a given BH , the entry corresponding to the volume of the highest number was written into the datafile. For BHs having different names through different volumes all the entries were considered.
- 2) Second , the data in Beilstein's "Handbuch der Organischen Chemie"<sup>6</sup> and Clar's monograph "Polycyclic Hydrocarbons"<sup>7</sup> were used. In Beilstein's Handbuch we scanned Vol.5 (Kohlenwasserstoffe) of Ergänzungswerk 3 and 4 (E3 and E4) , whereas in Clar's monograph we took into account all the entries in Vol.1 and 2 (C1 and C2). For every BH the information was entered under the compact name and the data from CA. Then we were looking whether a given BH was reported in E3 or E4. When it was the case , the entry was skipped in steps 3) and 4). Otherwise :
- 3) We were looking whether a given BH has a C1 or C2 entry in which a synthesis of the compound was described. If only a synthetic route to some derivative of the parent BH was quoted , the entry was processed in step 4). Otherwise we proceeded to step 5).
- 4) We scanned Chemical Abstract again for the entries describing synthesis of BH. In the case of a successful search, the old volume number in the datafile was replaced by the **highest number of the volume** in which a "synthetic" entry

was found and no special entry designator was applied. Otherwise we were looking for the entry describing synthesis of the keto derivative(s) and in the cases of a successful search we applied the designator <sup>k</sup> to the number of the corresponding CA volume. When no "synthetic" entry was found at all we searched for the entry describing experimental measurements of physical properties of BH and in the case of success we applied the designator <sup>~</sup>. If all the searches failed, and the entry corresponded to some theoretical calculations, we retained the old volume number and applied the designator <sup>t</sup>. For the entries in which some complicated derivatives were reported or only attempts to the synthesis were described we applied the designator <sup>d</sup>.

- 5) A general checking of the data was performed using digital computer. Moreover, some additional designators were added. The designators <sup>k</sup> and <sup>d</sup> were applied for C1 and C2 entries. All the CA "synthetic" entries with no <sup>k</sup> designator were checked again. If the synthesis was reported only once, the designator <sup>\*</sup> was applied.

Some details should be pointed out. From the first glance it seems absurd to have an entry with physical properties for the compound with no synthesis reported earlier. Unfortunately, this is caused by the fact that some BHs were apparently missed in the Ring Index. Therefore every BH with the designator <sup>~</sup> has to be regarded as an indication of errors in CA.

**It should be also mentioned that all the compact names of**

BH were checked with the assistance of digital computers<sup>8</sup>. In order to show further possibilities of the synthetic and theoretical work on BH , we enhanced our catalog (presented in Table 2) with the list of all the planar benzenoid hydrocarbons having 1-8 rings (Table 1).

#### ACKNOWLEDGMENT

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#### REFERENCES

- [1] J.Cioslowski and M.Wala , MATCH , in press
- [2] J.Cioslowski and A.M.Turek , Tetrahedron 40 (1984) 2161
- [3] J.Cioslowski and A.M.Turek , Computers & Chemistry 9 (1985) 247
- [4] J.Cioslowski , Croat.Chem.Acta , in press
- [5] Chemical Abstracts , American Chemical Society , Columbus Ohio , USA
- [6] Beilstein's Handbuch der Organischen Chemie , Springer Verlag , Heidelberg
- [7] E.Clar , "Polycyclic Hydrocarbons" , Academic Press , New York / Springer Verlag , Heidelberg (1964)
- [8] the data were processed on CDC6600 (UJ , Cracow , Poland) VAX 11/750 , IBM AT (Georgetown University , Washington , D.C. , USA) and VAX 11/780 (MPI für Strahlenchemie , Mülheim/Ruhr , West Germany) digital computers.
- [9] J.Cioslowski , J.Comput.Chem. , in press

TABLE 1. PLANAR BENZENOID HYDROCARBONS HAVING 1 - 8 RINGS  
(file generated by the FORTRAN routine RING<sup>9</sup> ).

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/8.4.28.19/	/8.4.30.9/	/8.4.30.17/
/8.4.63/	/8.5.31/	/8.6.1.15/
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/8.6.6.13/	/8.6.12.11/	/8.6.13.9/
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/8.7.29/	/8.7.30/	/8.7.60/
/8.8.4.31/	/8.8.6.29/	/8.8.8.31/
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/8.8.28.19/	/8.8.30.17/	/8.8.63/
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/8.14.57/	/8.15.25/	/8.15.26/
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/8.24.55/	/8.25.23/	/8.27.22/
/8.28.18.17/	/8.28.51/	/8.29.19/
/8.30.19/	/8.30.21/	/8.30.49/
/8.31.17/	/8.31.18/	/8.39.28/
/8.55.12/	/8.56.39/	/8.60.35/
/8.62.33/	/8.63.4/	/8.127/
/9.5.15/	/9.7.7/	/9.7.13/
/9.9.5.3/	/9.9.15/	/9.11.7/
/9.13.7/	/9.13.11/	/9.15.3/
/9.15.5/	/9.15.9/	/9.25.7/
/9.27.6/	/9.29.3/	/9.63/
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/10.7.7/	/10.7.13/	/10.9.5.3/



/10.9.15/	/10.10.15/	/10.11.7/
/10.13.11/	/10.14.11/	/10.14.13/
/10.14.25/	/10.15.5/	/10.22.13/
/10.25.7/	/10.26.7/	/10.27.6/
/10.30.5/	/10.30.9/	/10.30.17/
/10.63/	/11.5.7/	/11.6.7/
/11.6.13/	/11.7.3/	/11.9.7/
/11.10.7/	/11.13.3/	/11.14.3/
/11.26.6/	/11.31/	/11.62/
/12.2.31/	/12.3.15/	/12.3.30/
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/12.6.29/	/12.8.24.7/	/12.8.31/
/12.9.15/	/12.10.27/	/12.10.29/
/12.10.57/	/12.11.11/	/12.11.25/
/12.12.27/	/12.13.11/	/12.14.25/
/12.19.14/	/12.24.23/	/12.26.19/
/12.26.21/	/12.26.25/	/12.26.49/
/12.27.9/	/12.27.17/	/12.28.19/
/12.30.17/	/12.42.25/	/12.58.17/
/12.58.33/	/12.63/	/12.123/
/13.3.7/	/13.5.7/	/13.9.7/
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/14.2.15/	/14.3.7/	/14.4.15/
/14.6.7/	/14.8.15/	/14.9.7/
/14.9.25/	/14.10.25/	/14.24.7/
/14.25.9/	/14.25.17/	/14.26.9/
/14.26.17/	/14.31/	/14.59/
/14.61/	/14.121/	/15.15/
/15.27/	/15.29/	/15.30/
/15.57/	/15.58/	/15.60/
/15.120/	/17.9.5.3/	/17.9.15/
/17.11.7/	/17.13.11/	/17.15.5/
/17.15.9/	/17.17.15/	/17.25.7/
/17.63/	/18.9.15/	/18.10.6.5/
/18.10.15/	/18.13.11/	/18.14.11/
/18.14.25/	/18.15.9/	/18.17.15/
/18.63/	/19.9.7/	/19.10.7/
/19.14.5/	/19.31/	/19.62/
/20.12.27/	/20.63/	/21.31/
/22.12.11/	/22.31/	/22.61/
/23.15/	/23.29/	/24.20.51/
/24.22.49/	/24.54.33/	/24.119/
/25.31/	/25.55/	/26.55/
/27.15/	/27.23/	/27.54/
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/28.115/	/29.23/	/29.51/
/30.51/	/30.53/	/30.57/
/30.113/	/31.49/	/33.17.15/
/33.63/	/34.30.17/	/34.63/
/35.31/	/37.31/	/38.61/
/39.29/	/45.27/	/49.47/
/57.39/	/60.99/	/62.97/
/65.63/	/255/	

TABLE 2. THE PLANAR POLYCYCLIC BENZENOID HYDROCARBONS  
REPORTED IN CHEMICAL LITERATURE.

This table contains BHs compiled in accordance with the algorithm described in the text. In order to make the reader familiar with the structure of the datafile we present below some examples together with respective explanations.

EXAMPLE 1

<u>compact name</u>		<u>total formula</u>	<u>type of BH</u>
↓		↓	↓
/2.14.1/-PENTACENE		C <sub>22</sub> H <sub>14</sub>	CATA
<u>volume</u>			
↓			
CA/100	BENZO[B]TRIPHENYLENE		Chemical Abstracts entry 1
CA/65	DIBENZ[A,C]ANTHRACENE		Chemical Abstracts entry 2
<u>Ergänzungswerk 4 designator</u>			
↓			
<u>page</u>			
↓			
E4/2724	BENZO[B]TRIPHENYLEN		Beilstein's Handbuch primary entry
	DIBENZ[A,C]ANTHRACEN		Beilstein's Handbuch secondary entry
<u>volume</u>			
↓			
<u>page</u>			
↓			
C1/322	1.2.3.4-DIBENZANTHRACENE		Clar's monograph primary entry
	NAPHTHO-(2.3;9.10)-PHENANTHRENE		Clar's monograph secondary entry

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EXAMPLE 2

the number of unpaired electrons  
in the reference molecule

/2.11.6/-HEXACENE

$C_{25}H_{15}$

PERI(1)

special entry designator

CA/84<sup>t</sup> DIBENZO[C,HI]CHRYSENE

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EXAMPLE 3

/2.15.7.6/-DECACENE

$C_{34}H_{16}$

PERI

CA/93\* DIBENZO[DE,IJ]PHENANTHRO[2,1,10,9,8,7-PQRSTU]=

continuation marks

=PENTAPHENE

---

SPECIAL ENTRY DESIGNATORS

- t only theoretical work(s) reported
- k only (poly)keto derivatives of the parent molecule reported
- d only some derivative(s) or attempted synthesis reported
- \* only one quotation in the literature sources
- ~ only physical properties reported but no synthesis quoted



/1/-monoacene		C <sub>6</sub> H <sub>6</sub>	CATA
CA/100	benzene		
E4/583	benzol		
Cl/201	benzene		
/3/-diacene		C <sub>10</sub> H <sub>8</sub>	CATA
CA/100	naphthalene		
E4/1640	naphthalin		
Cl/211	naphthalene		
/1.3/-triacene		C <sub>14</sub> H <sub>10</sub>	CATA
CA/100	phenanthrene		
E4/2297	phenanthren		
Cl/223	phenanthrene		
/2.3/-triacene		C <sub>13</sub> H <sub>9</sub>	PERI(1)
CA/100	phenalene		
CA/44	benzonaphthene		
E4/2154	phenalen		
C2/375	perinaphthene		
/7/-triacene		C <sub>14</sub> H <sub>10</sub>	CATA
CA/100	anthracene		
E4/2281	anthracen		
Cl/288	anthracene		
/1.7/-tetracene		C <sub>18</sub> H <sub>12</sub>	CATA
CA/100	benz[a]anthracene		
E4/2549	benz[a]anthracen		
E3/2374	naphthanthracen		
	tetraphen		
Cl/307	tetraphene		
	1.2-benzanthracene		
	naphthanthracene		
/2.6.1/-tetracene		C <sub>18</sub> H <sub>12</sub>	CATA
CA/100	triphenylene		
E4/2556	triphenylen		
Cl/236	triphenylene		
	9.10-benzophenanthrene		
	1.2,3.4-dibenzonaphthalene		
/2.7/-tetracene		C <sub>17</sub> H <sub>11</sub>	PERI(1)
CA/100	benz[de]anthracene		
E4/2473	benz[de]anthracen		
C2/385	benzanthrene		

/3.3/-tetracene	C <sub>16</sub> H <sub>10</sub>	PERI
CA/100 pyrene		
E4/2467 pyren		
C2/110 pyrene		
/3.6/-tetracene	C <sub>18</sub> H <sub>12</sub>	CATA
CA/100 chrysene		
E4/2554 chrysen		
C1/243 chrysene		
1.2-benzophenanthrene		
1.2,5.6-dibenzonaphthalene		
/5.3/-tetracene	C <sub>18</sub> H <sub>12</sub>	CATA
CA/100 benzo[c]phenanthrene		
E4/2552 benzo[c]phenanthren		
C1/256 3.4-benzophenanthrene		
1.2,7.8-dibenzonaphthalene		
/15/-tetracene	C <sub>18</sub> H <sub>12</sub>	CATA
CA/100 naphthacene		
E4/2545 naphthacen		
tetracen		
C1/386 tetracene		
naphthacene		
2.3-benzanthracene		
rubene		
/1.1.7/-pentacene	C <sub>22</sub> H <sub>14</sub>	CATA
CA/100 pentaphene		
CA/50 benzo[b,h]phenanthrene		
E4/2721 pentaphen		
E3/2552 dibenzo[b,h]phenanthren		
C1/353 pentaphene		
naphtho-(2'.3';1.2)-anthracene		
/1.3.6/-pentacene	C <sub>22</sub> H <sub>14</sub>	CATA
CA/100 picene		
E4/2724 picen		
C1/268 picene		
3.4-benzochrysene		
1.2,7.8-dibenzophenanthrene		

/1.5.3/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	naphth[1,2-a]anthracene		
CA/88	dibenzo[b,g]phenanthrene		
E4/2722	naphth[1,2-a]anthracen		
	dibenzo[b,g]phenanthren		
C1/345	1.2-benzotetraphene		
	naphtho-(1'.2';1.2)-anthracene		
/1.7.1/-pentacene		C <sub>21</sub> H <sub>13</sub>	PERI(1)
CA/100	dibenz[a,de]anthracene		
CA/49	dibenzo[b,mn]phenanthrene		
E4/2694	dibenz[a,de]anthracen		
C2/408	4.5,7.8-dibenzoperinaphthene		
/1.7.2/-pentacene		C <sub>21</sub> H <sub>13</sub>	PERI(1)
CA/69	benzo[hi]chrysene		
C2/400 <sup>d</sup>	naphtho-(2'.1';7.8)-perinaphthene		
	1.2,5.10-dibenzanthrene		
/1.7.4/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	dibenz[a,h]anthracene		
E4/2722	dibenz[a,h]anthracen		
C1/329	1.2,5.6-dibenzanthracene		
/1.15/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/99	benzo[a]naphthacene		
E4/2721	benzo[a]naphthacen		
C1/401	1.2-benzotetracene		
	naphtho-(2'.3';2.3)-phenanthrene		
	1.2,6.7-dibenzanthracene		
/2.5.3/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	dibenzo[c,g]phenanthrene		
E4/2725	dibenzo[c,g]phenanthren		
C1/277	3.4,5.6-dibenzophenanthrene		
/2.6.3/-pentacene		C <sub>20</sub> H <sub>12</sub>	PERI
CA/100	benzo[e]pyrene		
E4/2689	benzo[e]pyren		
C2/127	1.2-benzopyrene		
/2.6.5/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	benzo[g]chrysene		
E4/2724	benzo[g]chrysen		
C1/264	1.2-benzochrysene		
	1.2,3.4-dibenzophenanthrene		
	1.2,3.4,5.6-tribenzonaphthalene		

/2.7.2/-pentacene CA/100 perylene E4/2689 perylen C2/24 perylene	C <sub>20</sub> H <sub>12</sub>	PERI
/2.14.1/-pentacene CA/100 benzo[b]triphenylene CA/65 dibenz[a,c]anthracene E4/2724 benzo[b]triphenylen dibenz[a,c]anthracen C1/322 1.2,3.4-dibenzanthracene naphtho-(2'.3';9.10)-phenanthrene	C <sub>22</sub> H <sub>14</sub>	CATA
/2.15/-pentacene CA/99 <sup>k</sup> benzo[de]naphthacene C2/406 <sup>k</sup> naphtho-(2'.3';7.8)-perinaphthene 1.9,6.7-dibenzanthrene	C <sub>21</sub> H <sub>13</sub>	PERI(1)
/3.7/-pentacene CA/100 benzo[a]pyrene E4/2687 benzo[def]chrysen benzo[a]pyren E3/2517 "3.4-benzpyren" C2/130 3.4-benzopyrene	C <sub>20</sub> H <sub>12</sub>	PERI
/3.14/-pentacene CA/100 benzo[b]chrysene E4/2721 benzo[b]chrysen C1/347 3.4-benzotetraphene naphtho-(2'.1';1.2)-anthracene naphtho-(2'.3';1.2)-phenanthrene	C <sub>22</sub> H <sub>14</sub>	CATA
/4.2.7/-pentacene CA/99 naphth[3,2,1-de]anthracene CA/47 dibenzo[c,mn]phenanthrene E4/2693 naphth[3,2,1-de]anthracen coeranthren C2/412 coeranthrene 5.6,7.8-dibenzoperinaphthene	C <sub>21</sub> H <sub>13</sub>	PERI(1)
/4.15/-pentacene CA/99 benzo[fg]naphthacene E4/2693 benzo[fg]naphthacen C2/404 2.3,7.8-dibenzoperinaphthene 1.9,2.3-dibenzanthrene	C <sub>21</sub> H <sub>13</sub>	PERI(1)



/5.7/-pentacene		C <sub>21</sub> H <sub>13</sub>	PERI(1)
CA/99	dibenz[a,k]anthracene		
E4/2694	dibenz[a,k]anthracen		
C2/401	naphtho-(1'.2';7.8)-perinaphthene 1.9,7.8-dibenzanthracene		
/6.7/-pentacene		C <sub>19</sub> H <sub>11</sub>	PERI(1)
CA/100	benzo[cd]pyrene		
E4/2627	benzo[cd]pyren		
C2/416	naphthanthrene		
/6.13/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	benzo[c]chrysene		
E4/2725	benzo[c]chrysen		
C1/275	5.6-benzochrysene 1.2,5.6-dibenzophenanthrene		
/9.7/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	dibenz[a,j]anthracene		
E4/2722	dibenz[a,j]anthracen		
C1/337	1.2,7.8-dibenzanthracene		
/31/-pentacene		C <sub>22</sub> H <sub>14</sub>	CATA
CA/100	pentacene		
E4/2721	pentacen		
C1/423	pentacene 2.3,6.7-dibenzanthracene		
/1.1.15/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/97	hexaphene		
E4/2835	hexaphen		
C1/416	hexaphene		
/1.3.7/-hexacene		C <sub>24</sub> H <sub>14</sub>	PERI
CA/100	benzo[rst]pentaphene		
CA/50	dibenzo[a,i]pyrene		
E4/2803	benzo[rst]pentaphen		
C2/153	3.4,9.10-dibenzopyrene		
/1.3.14/-hexacene		C <sub>22</sub> H <sub>16</sub>	CATA
CA/96	benzo[b]picene		
E4/2835	benzo[b]picen		
C1/380	2.3-benzopicene		
/1.5.7/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>c</sup>	benzo[pq]pentaphene		

/1.7.3/-hexacene		C <sub>23</sub> H <sub>13</sub>	PERI(1)
CA/99	dibenzo[def,qr]chrysene		
CA/43	dibenzo[a,jk]pyrene		
E3/2593	dibenzo[def,qr]chrysen		
C2/418	4.5-benzonaphthanthrene		
	2.3-benzylene pyrene		
/1.7.5/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/62	tribenz[a,de,h]anthracene		
C2/428 <sup>k</sup>	7.8-benzonaphtho-(1".2";4.5)-perinaphthene		
/1.7.6/-hexacene		C <sub>24</sub> H <sub>14</sub>	PERI
CA/92	benzo[pqr]picene		
/1.7.12/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/98	naphtho[1,2-b]chrysene		
E3/2656	naphtho[1.2-b]chrysen		
C1/351	3.4,8.9-dibenzotetraphene		
/1.9.7/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/66 <sup>*</sup>	benzo[a]pentaphene		
/1.11.6/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/100 <sup>*</sup>	benzo[a]picene		
/1.13.3/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/96 <sup>t</sup>	naphtho[2,3-c]chrysene		
/1.15.1/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/92 <sup>k</sup>	dibenzo[a,de]naphthacene		
C2/424 <sup>k</sup>	7.8-benzonaphtho-(2".3";4.5)-perinaphthene		
/1.15.2/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/62 <sup>*</sup>	dibenzo[a,fg]naphthacene		
/1.15.4/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>t</sup>	dibenzo[a,hi]naphthacene		
/1.15.8/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/98	dibenzo[a,j]naphthacene		
E4/2835	dibenzo[a,j]naphthacen		
C1/409	1.2,7.8-dibenzotetracene		

/1.31/-hexacene CA/99 benzo[a]pentacene E4/2834 benzo[a]pentacene C1/436 1.2-benzopentacene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.1.15/-hexacene CA/96 <sup>t</sup> naphtho[1,2-a]naphthacene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.2.14.1/-hexacene CA/98 benzo[h]pentaphene E4/2836 benzo[h]pentaphen C1/365 6.7-benzopentaphene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.2.15/-hexacene CA/84 <sup>t</sup> benzo[fg]pentaphene	C <sub>25</sub> H <sub>15</sub>	PERI (1)
/2.3.14/-hexacene CA/84 <sup>t</sup> benzo[de]pentaphene	C <sub>25</sub> H <sub>15</sub>	PERI (1)
/2.5.7/-hexacene CA/84 <sup>t</sup> benzo[kl]naphth[1,2-a]anthracene	C <sub>25</sub> H <sub>15</sub>	PERI (1)
/2.6.7/-hexacene CA/58 <sup>t</sup> naphtho[3,2,1,8-defg]chrysene	C <sub>23</sub> H <sub>13</sub>	PERI (1)
/2.6.13/-hexacene CA/96 <sup>t</sup> benzo[f]picene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.7.3/-hexacene CA/100 benzo[ghi]perylene E4/2766 benzo[ghi]perylene C2/60 1.12-benzoperylene	C <sub>22</sub> H <sub>12</sub>	PERI
/2.7.5/-hexacene CA/96 <sup>t</sup> naphtho[8,1,2-ghi]chrysene CA/76* naphtho[1,8,7-ghi]chrysene	C <sub>24</sub> H <sub>14</sub>	PERI
/2.7.6/-hexacene CA/84 <sup>t</sup> benzo[cd]perylene	C <sub>23</sub> H <sub>13</sub>	PERI (1)
/2.7.12/-hexacene CA/84 <sup>t</sup> benzo[de]picene	C <sub>25</sub> H <sub>15</sub>	PERI (1)

/2.9.7/-hexacene CA/100*	benzo[a]naphth[2,1-j]anthracene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.10.6.1/-hexacene CA/98 E4/2836 C1/363	naphtho[2,3-g]chrysene naphtho[2,3-g]chrysen 1.2,5.6-dibenzotetraphene naphtho-(2'.3';1.2)-chrysene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.11.6/-hexacene CA/84 <sup>t</sup>	dibenzo[c,hi]chrysene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
/2.13.3/-hexacene CA/100*	naphtho[2,1-c]chrysene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.14.2.1/-hexacene CA/84 E4/2805 C2/426	benzo[a]naphth[1,2,3-de]anthracene benzo[a]naphth[1,2,3-de]anthracen 1.2,4.5,7.8-tribenzoperinaphthene 2.3,5.6,8.9-tribenzoperinaphthene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
/2.14.3/-hexacene CA/100 CA/50 E4/2803 C2/145	naphtho[1,2,3,4-def]chrysene dibenzo[a,e]pyrene naphtho[1,2,3,4-def]chrysen 1.2,4.5-dibenzopyrene	C <sub>24</sub> H <sub>14</sub>	PERI
/2.14.5/-hexacene CA/84 <sup>t</sup>	dibenzo[g,qr]chrysene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
/2.14.9/-hexacene CA/99 CA/95 E4/2836 E3/2657 C1/341	naphtho[1,2-b]triphenylene tribenz[a,c,h]anthracene tribenz[a,c,h]anthracen naphtho[1.2-b]triphenylen 1.2,3.4,5.6-tribenzanthracene	C <sub>26</sub> H <sub>16</sub>	CATA
/2.15.1/-hexacene CA/98 E4/2802 C2/163	dibenzo[de,qr]naphthacene dibenzo[de,qr]naphthacen naphtho-(2'.3';1.2)-pyrene	C <sub>24</sub> H <sub>14</sub>	PERI

/2.15.2/-hexacene	C <sub>24</sub> H <sub>14</sub>	PERI
CA/98 benzo[b]perylene		
E4/2802 benzo[b]perylene		
C2/40 2.3-benzoperylene		
/2.15.4/-hexacene	C <sub>24</sub> H <sub>14</sub>	PERI
CA/99 dibenzo[de,mn]naphthacene		
E4/2802 dibenzo[de,mn]naphthacene		
zethrene		
C2/447 zethrene		
/2.30.1/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/99 dibenzo[a,c]naphthacene		
E4/2835 dibenzo[a,c]naphthacene		
C1/406 1.2,3.4-dibenzotetracene		
/2.31/-hexacene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>t</sup> benzo[de]pentacene		
C2/428 <sup>k</sup> anthraceno-(2'.3';7.8)-perinaphthene		
/3.2.14/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/98 benzo[c]pentaphene		
CA/50 anthra[1,2-b]phenanthrene		
E4/2835 benzo[c]pentaphene		
C1/358 3.4-benzopentaphene		
phenanthro-(2'.3';1.2)-anthracene		
/3.6.5/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/74* benzo[s]picene		
/3.6.12/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/99 benzo[c]picene		
E4/2836 benzo[c]picene		
/3.10.6/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/100 benzo[a]naphth[1,2-h]anthracene		
/3.14.1/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/96 <sup>t</sup> dibenzo[b,p]chrysene		
/3.14.2/-hexacene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>t</sup> dibenzo[b,qr]chrysene		

/3.15/-hexacene		C <sub>24</sub> H <sub>14</sub>	PERI
CA/99	naphtho[2,1,8-gra]naphthacene		
CA/50	naphtho[2,3-a]pyrene		
E4/2801	naphtho[2,1,8-gra]naphthacene		
C2/166	naphtho-(2'.3';3.4)-pyrene		
/3.30/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/93	naphtho[2,1-a]naphthacene		
/4.2.15/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/92 <sup>k</sup>	naphtho[3,2,1-de]naphthacene		
/4.3.7/-hexacene		C <sub>24</sub> H <sub>14</sub>	PERI
CA/100	dibenzo[def,p]chrysene		
CA/50	dibenzo[a,l]pyrene		
E4/2803	dibenzo[def,p]chrysen		
C2/141	1.2,3.4-dibenzopyrene		
/4.3.14/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/81*	dibenzo[b,g]chrysene		
/4.4.15/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>t</sup>	naphtho[1,2,3-fg]naphthacene		
/4.5.7/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>t</sup>	benzo[a]naphth[3,2,1-kl]anthracene		
/4.6.7/-hexacene		C <sub>22</sub> H <sub>12</sub>	PERI(2)
CA/100	dibenzo[cd,mn]pyrene		
C2/433 <sup>d</sup>	triangulene		
/4.6.13/-hexacene		C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/61 <sup>k</sup>	dibenzo[c,qr]chrysene		
/4.7.5/-hexacene		C <sub>24</sub> H <sub>14</sub>	PERI
CA/98	benzo[a]perylene		
E4/2804	benzo[a]perylen		
C2/36	1.2-benzoperylene		
/4.11.6/-hexacene		C <sub>26</sub> H <sub>16</sub>	CATA
CA/86	dibenzo[c,g]chrysene		

/4.12.11/-hexacene CA/82	dibenzo[c,p]chrysene	C <sub>26</sub> H <sub>16</sub>	CATA
/4.14. <sup>9</sup> /-hexacene CA/62*	naphtho[1,2,3-hi]chrysene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
/4.15.2/-hexacene CA/100 CA/50 E4/2802 C2/148	dibenzo[fg,op]naphthacene dibenzo[e,l]pyrene dibenzo[fg,op]naphthacen 1.2,6.7-dibenzopyrene	C <sub>24</sub> H <sub>14</sub>	PERI
/4.31/-hexacene CA/84 E4/2805 C2/423	benzo[fg]pentacene benzo[fg]pentacen 2.3-benzonaphtho-(2".3";7.8)-perinaphthene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
/5.5. <sup>3</sup> /-hexacene CA/96 <sup>c</sup>	phenanthro[4,3-a]anthracene	C <sub>26</sub> H <sub>16</sub>	CATA
/5.15/-hexacene CA/62*	dibenzo[a,op]naphthacene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
/6.12.3/-hexacene CA/92 <sup>-</sup>	naphtho[1,2-g]chrysene	C <sub>26</sub> H <sub>16</sub>	CATA
/6.15/-hexacene CA/99 CA/43 E4/2767 C2/420	naphtho[2,1,8,7-defg]naphthacene naphtho[1,2,3-cd]pyrene naphtho[2,1,8,7-defg]naphthacen 3.4-benzonaphthanthrene	C <sub>23</sub> H <sub>13</sub>	PERI(1)
/6.29/-hexacene CA/96 <sup>c</sup>	dibenzo[b,l]chrysene	C <sub>26</sub> H <sub>16</sub>	CATA
/7.7/-hexacene CA/100 CA/50 E4/2765 C2/206	dibenzo[def,mno]chrysene dibenzo[cd,jk]pyrene dibenzo[def,mno]chrysen anthanthren anthanthrene	C <sub>22</sub> H <sub>12</sub>	PERI
/7.13/-hexacene CA/84 <sup>c</sup>	naphtho[1,8-bc]chrysene	C <sub>25</sub> H <sub>15</sub>	PERI(1)

/7.14/-hexacene	C <sub>24</sub> H <sub>14</sub>	PERI
CA/100 dibenzo[b,def]chrysene		
CA/50 dibenzo[a,h]pyrene		
E4/2802 dibenzo[b,def]chrysen		
C2/151 3.4,8.9-dibenzopyrene		
/7.28/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/98 dibenzo[b,k]chrysene		
E4/2835 dibenzo[b,k]chrysen		
C1/375 anthraceno-(2'.1';1.2)-anthracene		
/9.5.3/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/74 <sup>k</sup> anthra[1,2-a]anthracene		
/9.15/-hexacene	C <sub>25</sub> H <sub>15</sub>	PERI(1)
CA/84 <sup>t</sup> dibenzo[a,mn]naphthacene		
/10.6.5/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/100 dibenzo[g,p]chrysene		
CA/50 dibenzo[a,c]triphenylene		
E4/2837 dibenzo[g,p]chrysen		
C1/283 1.2,7.8-dibenzochrysene		
tetrabenzonaphthalene		
diphenylenephenanthrene		
/10.15/-hexacene	C <sub>24</sub> H <sub>14</sub>	PERI(2)
CA/53 <sup>k</sup> dibenzo[de,hi]naphthacene		
C2/440 <sup>k</sup> 1.12,10.11-dibenzotetracene		
/11.7/-hexacene	C <sub>24</sub> H <sub>14</sub>	PERI
CA/96 dibenzo[c,mno]chrysene		
CA/47 naphtho[1,2-a]pyrene		
E4/2803 dibenzo[c,mno]chrysen		
C2/165 naphtho-(1'.2';3.4)-pyrene		
/12.27/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/96 <sup>t</sup> naphtho[1,2-c]chrysene		
/13.11/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/100 <sup>k</sup> dibenzo[c,l]chrysene		
/14.25/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/100 <sup>k</sup> naphtho[2,1-b]chrysene		



/17.15/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/98 dibenzo[a,l]naphthacene		
E3/2655 dibenzo[a.l]naphthacen		
Cl/411 1.2,9.10-dibenzotetracene		
/63/-hexacene	C <sub>26</sub> H <sub>16</sub>	CATA
CA/100 hexacene		
E4/2834 hexacene		
Cl/447 hexacene		
/1.1.1.15/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/99 heptaphene		
E4/2907 heptaphen		
Cl/418 heptaphene		
/1.1.3.14/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/97 dibenzo[b,n]picene		
E4/2908 dibenzo[b,n]picen		
Cl/382 2.3,8.9-dibenzopicene		
/1.1.31/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/93 <sup>~</sup> benzo[p]hexaphene		
/1.3.6.12/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/97 <sup>t</sup> dibenzo[c,m]picene		
/1.3.10.6/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/96 <sup>~</sup> phenanthro[4,3-b]chrysene		
/1.3.15/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/65 benzo[vwx]hexaphene		
C2/175 3.4-benzonaphtho-(2".3";9.10)-pyrene		
/1.7.4.12/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/97 dibenzo[c,m]pentaphene		
E4/2908 dibenzo[c,m]pentaphen		
Cl/361 3.4,9.10-dibenzopentaphene		
/1.7.12.2/-heptacene	C <sub>30</sub> H <sub>18</sub>	CATA
CA/74 <sup>*</sup> benzo[g]naphtho[1,2-b]chrysene		

/1.7.14/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/91	dibenzo[b,tuv]picene		
CA/50	benzo[a]naphtho[2,1-h]pyrene		
C2/173 <sup>k</sup>	8.9-benzonaphtho-(2".1";3.4)-pyrene		
/1.7.28/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/93	benzo[b]naphtho[1,2-k]chrysene		
E3/2718	benzo[b]naphtho[1.2-k]chrysen		
Cl/378	anthraceno-(2'.1';8.9)-tetraphene 4.5-benzonaphtho-(2'.1';10.11)-chrysene		
/1.15.5/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI(2)
CA/60 <sup>*</sup>	tribenzo[a,de,hi]naphthacene		
C2/440 <sup>k</sup>	1.2,4.5,6.7-tribenzotetracene		
/1.15.12/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/97	benzo[a]naphtho[2,1,8-hij]naphthacene		
E4/2891	benzo[a]naphtho[2,1,8-hij]naphthacen		
C2/188	phenanthreno-(2'.3';3.4)-pyrene 7.8-benzo-naphtho-(1'.7';2.12)-tetracene		
/1.31.1/-heptacene		C <sub>29</sub> H <sub>17</sub>	PERI(1)
C2/430 <sup>d</sup>	7.8-benzanthraceno-(2".3";4.5)-perinaphthene		
/1.31.16/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/97	dibenzo[a,1]pentacene		
E4/2906	dibenzo[a,1]pentacen		
Cl/440	1.2,8.9-dibenzopentacene		
/1.63/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/99	benzo[a]hexacene		
E3/2718	benzo[a]hexacen		
Cl/452	1.2-benzohexacene		
/2.2.13.3/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/53 <sup>d</sup>	phenanthro[2,1-c]chrysene		
/2.2.14.3/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/90	naphtho[2,1,8-fgh]pentaphene		

/2.2.15.2/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/98	dibenzo[fg,ij]pentaphene		
CA/64	dibenzo[b,n]perylene		
E4/2891	dibenzo[fg,ij]pentaphen		
E3/2699	dibenzo[b,n]perylene		
C2/56	2,3,10,11-dibenzoperylene		
/2.2.30.1/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/60 <sup>t</sup>	benzo[h]hexaphene		
/2.6.13.2/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/86	dibenzo[f,j]picene		
C1/285	11,12,13,14-dibenzopicene		
/2.6.14.1/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/100	dibenzo[h,rst]pentaphene		
E4/2891	dibenzo[h,rst]pentaphen		
C2/157	1,2,4,5,8,9-tribenzopyrene		
/2.7.14/-heptacene		C <sub>27</sub> H <sub>15</sub>	PERI(1)
CA/59 <sup>k</sup>	dibenzo[de,rst]pentaphene		
/2.10.6.3/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/64 <sup>*</sup>	benzo[de]naphtho[1,2,3-qr]naphthacene		
/2.10.7.2/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/98	dibenzo[a,n]perylene		
E4/2891	dibenzo[a,n]perylene		
C2/46	1,2,10,11-dibenzoperylene		
/2.13.11/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/100 <sup>t</sup>	benzo[c]naphtho[2,1-l]chrysene		
/2.14.2.3/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/60 <sup>*</sup>	dibenzo[a,e]perylene		
/2.14.7/-heptacene		C <sub>26</sub> H <sub>14</sub>	PERI
CA/93 <sup>n</sup>	benzo[qr]naphtho[3,2,1,8-defg]chrysene		
/2.14.11/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/59	benzo[c]naphtho[1,2,3,4-mno]chrysene		
E3/2700	benzo[c]naphtho[1.2.3.4-mno]chrysen		

/2.14.25/-heptacene CA/96 <sup>e</sup>	phenanthro[9,10-b]chrysene	C <sub>30</sub> H <sub>18</sub>	CATA
/2.15.2.2/-heptacene CA/64 <sup>t</sup>	dibenzo[b,e]perylene	C <sub>28</sub> H <sub>16</sub>	PERI
/2.15.3/-heptacene CA/71	dibenzo[b,ghi]perylene	C <sub>26</sub> H <sub>14</sub>	PERI
/2.15.6/-heptacene CA/98 E4/2865 C2/236	naphtho[8,1,2-bcd]perylene naphtho[8,1,2-bcd]perylene 2.3-peri-naphthyleneperylene	C <sub>26</sub> H <sub>14</sub>	PERI
/2.15.9/-heptacene CA/82 <sup>*</sup>	tribenzo[a,hi,mn]naphthacene	C <sub>28</sub> H <sub>16</sub>	PERI
/2.26.6.1/-heptacene CA/74 <sup>*</sup>	naphtho[2,3-f]picene	C <sub>30</sub> H <sub>18</sub>	CATA
/2.30.1.1/-heptacene CA/67 <sup>*</sup>	benzo[a]naphtho[2,1-c]naphthacene	C <sub>30</sub> H <sub>18</sub>	CATA
/2.30.3/-heptacene CA/93 CA/46 C2/169	benzo[a]naphtho[8,1,2-cde]naphthacene benzo[e]naphtho[2,3-a]pyrene 1.2-benzonaphtho-(2".3";4.5)-pyrene	C <sub>28</sub> H <sub>16</sub>	PERI
/2.30.17/-heptacene CA/97 C1/413	tribenzo[a,c,j]naphthacene 1.2,3.4,7.8-tribenzotetracene	C <sub>30</sub> H <sub>18</sub>	CATA
/2.31.1/-heptacene CA/95 C2/185	dibenzo[de,uv]pentacene 1.14,4.5-dibenzopentacene	C <sub>28</sub> H <sub>16</sub>	PERI
/2.31.2/-heptacene CA/88 <sup>e</sup>	dibenzo[de,st]pentacene	C <sub>28</sub> H <sub>16</sub>	PERI
/2.31.8/-heptacene CA/88 C2/456	dibenzo[de,op]pentacene heptazethrene	C <sub>28</sub> H <sub>16</sub>	PERI

/2.62.1/-heptacene CA/99 dibenzo[a,c]pentacene E4/2907 dibenzo[a,c]pentacen C1/438 1.2,3.4-dibenzopentacene	C <sub>30</sub> H <sub>18</sub>	CATA
/3.6.28/-heptacene CA/97 <sup>t</sup> dibenzo[b,m]picene	C <sub>30</sub> H <sub>18</sub>	CATA
/3.7.6/-heptacene CA/100 dibenzo[cd,lm]perylene E4/2865 dibenzo[cd,lm]perylen peropyren C2/242 peropyrene	C <sub>26</sub> H <sub>14</sub>	PERI
/3.14.24/-heptacene CA/53 <sup>k</sup> phenanthro[1,2-b]chrysene C1/367 <sup>k</sup> dinaphtho-(2'.1';1.2):(2".1";5.6)-anthracene	C <sub>30</sub> H <sub>18</sub>	CATA
/3.15.1/-heptacene CA/80 <sup>r</sup> benzo[de]naphtho[2,1,8-gra]naphthacene	C <sub>27</sub> H <sub>15</sub>	PERI (1)
/3.26.6/-heptacene CA/74 <sup>*</sup> phenanthro[3,2-c]chrysene	C <sub>30</sub> H <sub>18</sub>	CATA
/3.31/-heptacene CA/99 naphtho[2,1,8-uva]pentacene E4/2890 naphtho[2,1,8-uva]pentacen C2/186 naphtho-(1'.7';2.14)-pentacene	C <sub>28</sub> H <sub>16</sub>	PERI
/3.62/-heptacene CA/65 <sup>t</sup> naphtho[2,1-a]pentacene	C <sub>30</sub> H <sub>18</sub>	CATA
/4.4.28.2.1/-heptacene CA/99 trinaphthylene E3/2719 trinaphthylene C1/368 naphtho-(2'.3';6.7)-pentaphene trinaphthylene-(2,3)	C <sub>30</sub> H <sub>18</sub>	CATA
/4.7.13/-heptacene CA/62 naphtho[2,1-a]perylene	C <sub>28</sub> H <sub>16</sub>	PERI
/4.10.6.5/-heptacene CA/81 <sup>*</sup> benzo[g]naphtho[1,2-p]chrysene	C <sub>30</sub> H <sub>18</sub>	CATA

/4.15.3/-heptacene	C <sub>26</sub> H <sub>14</sub>	PERI
CA/98 dibenzo[b,pqr]perylene		
E4/2865 dibenzo[b,pqr]perylene		
C2/63 1.12,2.3-dibenzoperylene		
/4.15.10/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/62* tribenzo[a,fg,op]naphthacene		
/4.28.7/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/85* tribenzo[b,def,p]chrysene		
/4.30.5/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/64 <sup>t</sup> dibenzo[a,k]perylene		
/4.30.9/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/60 tribenzo[a,de,mn]naphthacene		
C2/449 5.6-benzozethrene		
/4.31.2/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/96 dibenzo[fg,st]pentacene		
C2/171 1.2-benzonaphtho-(2".3";6.7)-pyrene		
5.6,13.14-dibenzopentacene		
/4.31.4/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/98 dibenzo[fg,qr]pentacene		
E4/2890 dibenzo[fg,qr]pentacene		
C2/53 2.3,8.9-dibenzoperylene		
/5.3.7/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/98 naphtho[1,2,3,4-rst]pentaphene		
CA/50 tribenzo[a,i,l]pyrene		
E4/2891 naphtho[1,2,3,4-rst]pentaphen		
C2/160 1.2,3.4,9.10-tribenzopyrene		
/5.7.3/-heptacene	C <sub>26</sub> H <sub>14</sub>	PERI
CA/93* dibenzo[a,ghi]perylene		
/5.7.5/-heptacene	C <sub>28</sub> H <sub>16</sub>	PERI
CA/100 dibenzo[a,j]perylene		
E4/2891 dibenzo[a,j]perylene		
C2/42 1.2,7.8-dibenzoperylene		

/6.2.15/-heptacene CA/45 naphtho[2,3-a]perylene E3/2699 dibenzo[fg.uv]pentaphen naphtho[2.3-a]perylen	C <sub>28</sub> H <sub>16</sub>	PERI
/6.6.13/-heptacene CA/63* dibenzo[f,tuv]picene	C <sub>28</sub> H <sub>16</sub>	PERI
/6.7.3/-heptacene CA/100 coronene E4/2830 coronen C2/79 coronene	C <sub>24</sub> H <sub>12</sub>	PERI
/6.10.7/-heptacene CA/64* naphtho[1,2-a]perylene	C <sub>28</sub> H <sub>16</sub>	PERI
/6.12.7/-heptacene CA/64* benzo[def]naphtho[1,2-p]chrysene	C <sub>28</sub> H <sub>16</sub>	PERI
/6.13.9/-heptacene CA/74* naphtho[1,2-a]perylene	C <sub>30</sub> H <sub>18</sub>	CATA
/6.14.3/-heptacene CA/98 naphtho[1,2,3,4-ghi]perylene E4/2865 naphtho[1,2,3,4-ghi]perylen C2/72 1.12-o-phenyleneperylene	C <sub>26</sub> H <sub>14</sub>	PERI
/6.14.5/-heptacene CA/59 dibenzo[a,cd]perylene E4/2865 dibenzo[a,cd]perylen	C <sub>27</sub> H <sub>15</sub>	PERI(1)
/6.14.9/-heptacene CA/62 naphtho[1,2,3,4-pqr]picene	C <sub>28</sub> H <sub>16</sub>	PERI
/6.21.12/-heptacene CA/100 dinaphth[1,2-a;1',2'-h]anthracene	C <sub>30</sub> H <sub>18</sub>	CATA
/7.4.28/-heptacene CA/97 naphtho[2,3-c]pentaphene CA/50 dinaphth[2,3-a;2',3'-h]anthracene E4/2907 naphtho[2,3-c]pentaphen C1/371 naphtho-(2'.3';3.4)-pentaphene dinaphtho-(2'.3';1.2):(2".3";5.6)-anthracene	C <sub>30</sub> H <sub>18</sub>	CATA

/7.30/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/70	anthra[2,1,9-gra]naphthacene		
CA/48	benzo[a]naphtho[2,3-h]pyrene		
E4/2890	anthra[2,1,9-gra]naphthacene		
C2/174	3.4-benzonaphtho-(2".3";8.9)-pyrene		
/7.60/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/93 <sup>t</sup>	anthra[2,1-a]naphthacene		
CA/49	benzo[b]naphtho[2,3-k]chrysene		
/8.4.12.11/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/72 <sup>*</sup>	benzo[c]naphtho[2,1-p]chrysene		
/10.6.7/-heptacene		C <sub>27</sub> H <sub>15</sub>	PERI(1)
CA/50 <sup>t</sup>	tribenzo[a,cd,1]pyrene		
C2/422 <sup>k</sup>	1.2,10.11-dibenzonaphthanthrene		
/10.7.5/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/92	benzo[p]naphtho[1,8,7-ghi]chrysene		
/10.9.7/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/100 <sup>*</sup>	dinaphth[1,2-a;2',1'-j]anthracene		
/11.6.3/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/64 <sup>*</sup>	benzo[c]naphtho[8,1,2-pqr]chrysene		
/12.4.15/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/94	dibenzo[a,f]perylene		
E4/2890	dibenzo[a,f]perylene		
C2/51	1.2,5.6-dibenzoperylene		
/12.10.25/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/74 <sup>t</sup>	anthra[1,2-a]benz[h]anthracene		
/14.1.7/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/99	benzo[2,1-a;3,4-a']dianthracene		
CA/61	dinaphtho[2,3-c;2',3'-g]phenanthrene		
E4/2907	dinaphtho[2,3-c;2',3'-g]phenanthrene		
Cl/383	anthraceno-(1'.2';1.2)-tetraphene		



/14.2.7/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/100	dibenzo[a,o]perylene		
E3/2700	dibenzo[a,o]perylene		
	helianthren		
C2/47	1.2,11.12-dibenzoperylene		
/14.15/-heptacene		C <sub>25</sub> H <sub>13</sub>	PERI(1)
CA/87 <sup>d</sup>	anthra[2,1,9,8,7-defghi]naphthacene		
/14.29/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/60 <sup>k</sup>	tribenzo[b,def,l]chrysene		
/18.14.9/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/98	phenanthro[9,10-b]triphenylene		
CA/93	tetrabenz[a,c,h,j]anthracene		
E4/2908	phenanthro[9,10-b]triphenylen		
	tetrabenz[a,c,h,j]anthracen		
C1/343	1.2,3.4,5.6,7.8-tetrabenzanthracene		
/18.31/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI(2)
CA/100	dibenzo[de,jk]pentacene		
C2/442	1.14,11.12-dibenzopentacene		
/19.15/-heptacene		C <sub>28</sub> H <sub>16</sub>	PERI
CA/84	benzo[a]naphtho[8,1,2-lmn]naphthacene		
CA/44	phenanthro[3,2-a]pyrene		
E3/2699	benzo[a]naphtho[8.1.2-lmn]naphthacen		
/28.51/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/86 <sup>t</sup>	phenanthro[2,1-b]chrysene		
/33.31/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/96	dibenzo[a,n]pentacene		
C1/440	1.2,10.11-dibenzopentacene		
/127/-heptacene		C <sub>30</sub> H <sub>18</sub>	CATA
CA/99	heptacene		
E4/2906	heptacene		
C1/455	heptacene		
/1.1.1.31/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/70 <sup>*</sup>	octaphene		

/1.1.3.15/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/98	benzo[xyz]heptaphene		
E4/2924	benzo[xyz]heptaphen		
C2/182	dinaphtho-(2'.3';3.4):(2".3";9.10)-pyrene		
/1.1.3.30/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/93	benzo[b]naphtho[2,3-n]picene		
/1.1.7.14/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
C2/173 <sup>k</sup>	3.4-benzanthraceno-(2".1";8.9)-pyrene		
/1.3.31/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/65 <sup>t</sup>	dibenzo[p,vwx]hexaphene		
/1.7.28.16/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/93	dinaphtho[1,2-b;1',2'-k]chrysene		
E3/2766	dinaphtho[1.2-b;1'.2'-k]chrysen		
C1/379	tetrapheno-(9'.8';8.9)-tetraphene 2.3,8.9-di-(naphtho-1',2')-chrysene		
/2.1.11.7/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/98 <sup>t</sup>	tribenzo[a,o,rst]pentaphene		
/2.2.2.30.1/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/97	benzo[j]heptaphene		
E3/2766	benzo[j]heptaphen		
C1/420	7.8-benzoheptaphene		
/2.2.15.3/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/53	tribenzo[b,ghi,n]perylene		
E4/2915	phenanthro[3,4,5,6-fghij]pentaphen		
	tribenzo[b,ghi,n]perylen		
C2/69	1.12,4.5,8.9-tribenzoperylene		
/2.2.30.3/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/55	naphtho[8,1,2-hij]hexaphene		
C2/177	dinaphtho-(2'.3';1.2):(2".3";4.5)-pyrene		
/2.2.62.1/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/60 <sup>t</sup>	dibenzo[h,p]hexaphene		

/2.6.15.2/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/98	tribenzo[b,n,pqr]perylene		
E4/2915	tribenzo[fg,ij,rst]pentaphen		
	tribenzo[b,n,pqr]perylene		
C2/66	1.12,2.3,10.11-tribenzoperylene		
/2.6.30.1/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/62*	dibenzo[h,vwx]hexaphene		
/2.7.14.4/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/95	tribenzo[de,kl,rst]pentaphene		
CA/55	phenaleno[1,2,3-cd]perylene		
CA/50	benzonaphtheno[1,2,3-cd]perylene		
E4/2916	tribenzo[de,kl,rst]pentaphen		
	terrylen		
C2/226	terrylene		
/2.15.7/-octacene		C <sub>28</sub> H <sub>14</sub>	PERI
CA/93*	benzo[lmn]naphtho[2,1,8-gra]perylene		
/2.31.3/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/88	benzo[uv]naphtho[2,1,8,7-defg]pentacene		
/2.62.33/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/65 <sup>t</sup>	tribenzo[a,c,l]pentacene		
/2.63.1/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/93	dibenzo[de,yz]hexacene		
C2/192	1.16,4.5-dibenzohexacene		
/2.63.16/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/70 <sup>t</sup>	dibenzo[de,qr]hexacene		
/2.126.1/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/93 <sup>t</sup>	dibenzo[a,c]hexacene		
/3.6.12.24/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/69 <sup>t</sup>	benzo[c]naphtho[2,1-m]picene		
/3.7.7/-octacene		C <sub>28</sub> H <sub>14</sub>	PERI
CA/64 <sup>t</sup>	phenanthro[2,1,10,9,8,7-pqrstuv]pentaphene		
CA/53 <sup>k</sup>	tribenzo[cd,ghi,lm]perylene		

/3.7.14/-octacene CA/96 <sup>d</sup>	benzo[rst]naphtho[8,1,2-cde]pentaphene	C <sub>30</sub> H <sub>16</sub>	PERI
/3.15.6/-octacene CA/80 <sup>-</sup>	benzo[lm]naphtho[8,1,2-bcd]perylene	C <sub>29</sub> H <sub>15</sub>	PERI(1)
/3.30.3/-octacene CA/92 <sup>*</sup>	dinaphtho[2,1-a;8',1',2'-cde]naphthacene	C <sub>32</sub> H <sub>18</sub>	PERI
/3.63/-octacene CA/99 E4/2924 C2/195	naphtho[2,1,8-yyza]hexacene naphtho[2,1,8-yyza]hexacene naphtho-(1'.7';2.16)-hexacene	C <sub>32</sub> H <sub>18</sub>	PERI
/4.3.30.1/-octacene CA/93	benzo[a]phenanthro[9,10-c]naphthacene	C <sub>34</sub> H <sub>20</sub>	CATA
/4.4.28.6.1/-octacene CA/74 <sup>*</sup>	benzo[fg]trinaphthylene	C <sub>32</sub> H <sub>18</sub>	PERI
/4.4.31.4/-octacene CA/86 <sup>d</sup>	benzo[fg]naphtho[1,2,3-qr]pentacene	C <sub>32</sub> H <sub>18</sub>	PERI
/4.4.60.2.1/-octacene CA/65 <sup>t</sup>	naphtho[2,3-h]hexaphene	C <sub>34</sub> H <sub>20</sub>	CATA
/4.12.7.6/-octacene CA/81 C2/75	benzo[b]naphtho[1,2,3,4-pqr]perylene 1.12-o-phenylene-2.3-benzoperylene	C <sub>30</sub> H <sub>16</sub>	PERI
/4.15.7/-octacene CA/93 <sup>*</sup>	phenanthro[5,4,3,2-abcde]perylene	C <sub>28</sub> H <sub>14</sub>	PERI
/4.20.12.7/-octacene CA/74 <sup>*</sup>	anthra[1,2,3,4-rst]pentaphene	C <sub>32</sub> H <sub>18</sub>	PERI
/4.28.6.5/-octacene CA/98 <sup>*</sup>	benzo[h]naphtho[1,2,3,4-rst]pentaphene	C <sub>32</sub> H <sub>18</sub>	PERI

/4.28.7.4/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/98	dinaphtho[1,2,3-fg;1',2',3'-op]naphthacene		
CA/50	ixene		
C2/162 <sup>k</sup>	tetrabenzo[a,e,h,l]pyrene 1.2,3.4,6.7,8.9-tetrabenzopyrene		
/4.28.15/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/97	benz[3,4]anthra[2,1,9,8-opqra]naphthacene		
E4/2915	benz[3,4]anthra[2,1,9,8-opqra]naphthacene		
C2/211	2.3,4.5-dibenzanthanthrene		
/4.31.3/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/66 <sup>*</sup>	benzo[st]naphtho[2,1,8,7-defg]pentacene		
/4.31.6/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/98	benzo[qr]naphtho[2,1,8,7-fghi]pentacene		
CA/50	tribenzo[b,ghi,k]perylene		
E4/2915	benzo[qr]naphtho[2,1,8,7-fghi]pentacene		
C2/65	1.12,2.3,8.9-tribenzoperylene		
/4.63.2/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/95	dibenzo[fg,wx]hexacene		
C2/194	5.6,15.16-dibenzohexacene		
/4.63.8/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/88	dibenzo[fg,st]hexacene		
E4/2924	dibenzo[fg,st]hexacene		
C2/451	4.5,11.12-dibenzozethrene		
/5.15.10/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/98 <sup>t</sup>	tetrabenzo[a,fg,j,op]naphthacene		
/6.7.7/-octacene		C <sub>27</sub> H <sub>13</sub>	PERI(1)
CA/81	benzo[bc]coronene		
/6.14.7/-octacene		C <sub>28</sub> H <sub>14</sub>	PERI
CA/64 <sup>*</sup>	benzo[cd]naphtho[3,2,1,8-pqra]perylene		
/6.15.3/-octacene		C <sub>28</sub> H <sub>14</sub>	PERI
CA/98	benzo[a]coronene		
E4/2904	benzo[a]coronene		
C2/86	1.2-benzocoronene		

/6.15.6/-octacene CA/98 E4/2904 C2/237	benzo[pqr]naphtho[8,1,2-bcd]perylene benzo[pqr]naphtho[8,1,2-bcd]perylene pyreno-(1.3;10'.2')-pyrene	C <sub>28</sub> H <sub>14</sub>	PERI
/6.15.9/-octacene CA/74*	benzo[ghi]naphtho[1,2-b]perylene	C <sub>30</sub> H <sub>16</sub>	PERI
/6.30.3/-octacene CA/70 C2/73	anthra[1,2,3,4-ghi]perylene anthraceno-(1'.4';1.12)-perylene	C <sub>30</sub> H <sub>16</sub>	PERI
/7.6.14/-octacene CA/100 E4/2915 C2/208	pyranthrene pyranthren 1.2,7.8-dibenzanthanthrene pyranthrene	C <sub>30</sub> H <sub>16</sub>	PERI
/7.12.56/-octacene CA/93 <sup>r</sup>	benzo[b]naphtho[2,3-m]picene	C <sub>34</sub> H <sub>20</sub>	CATA
/7.62/-octacene CA/65 <sup>t</sup>	anthra[2,1,9-uva]pentacene	C <sub>32</sub> H <sub>18</sub>	PERI
/7.124/-octacene CA/65 <sup>t</sup>	anthra[2,1-a]pentacene	C <sub>34</sub> H <sub>20</sub>	CATA
/8.7.28.2/-octacene CA/97	tetrabenzo[b,g,k,p]chrysene	C <sub>34</sub> H <sub>20</sub>	CATA
/8.63.4/-octacene CA/96 C2/179	dibenzo[hi,uv]hexacene dinaphtho-(2'.3';1.2):(2".3";6.7)-pyrene	C <sub>32</sub> H <sub>18</sub>	PERI
/9.15.9/-octacene CA/72 <sup>t</sup> C2/453 <sup>k</sup>	tetrabenzo[a,de,j,mn]naphthacene 5.6,12.13-dibenzozethrene	C <sub>32</sub> H <sub>18</sub>	PERI
/10.15.5/-octacene CA/94	tetrabenzo[de,hi,mn,qr]naphthacene	C <sub>30</sub> H <sub>16</sub>	PERI

/10.30.5/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/88	tetrabenzo[a,c,fg,op]naphthacene		
E4/2924	tetrabenzo[a,c,fg,op]naphthacen		
C2/190	1.2-benzophenanthreno-(9'.10';6.7)-pyrene 1.2,3.4,5.6,11.12-tetrabenzotetracene		
/11.6.13/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/61	tribenzo[c,f,s]picene		
/14.3.7/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/72	tribenzo[a,ghi,o]perylene		
E3/2728	tribenzo[a.ghi.o]perylen allomesonaphthodiantren		
C2/71 <sup>d</sup>	1.12,5.6,7.8-tribenzoperylene		
/14.6.7/-octacene		C <sub>28</sub> H <sub>14</sub>	PERI
CA/100	phenanthro[1,10,9,8-opqra]perylene		
E4/2904	phenanthro[1,10,9,8-opqra]perylen		
E3/2716	mesonaphthodiantren bisanthen		
C2/98	bisanthene meso-naphthodiantrene		
/14.9.7/-octacene		C <sub>32</sub> H <sub>16</sub>	CATA
CA/99 <sup>t</sup>	1,17;2,16-dimethenodinaphth[1,2-a;2',1'-]anthracene		
/15.15/-octacene		C <sub>28</sub> H <sub>14</sub>	PERI
CA/59 <sup>t</sup>	naphthaceno[2,1,12,11,10-mnopqra]naphthacene		
/15.30/-octacene		C <sub>30</sub> H <sub>16</sub>	PERI
CA/97	naphthaceno[2,1,12,11-opqra]naphthacene		
CA/50	dinaphtho[1,2,3-cd;1',2',3'-jk]pyrene		
E4/2915	naphthaceno[2,1,12,11-opqra]naphthacen		
C2/213	2.3,8.9-dibenzanthanthrene		
/15.60/-octacene		C <sub>32</sub> H <sub>18</sub>	PERI
CA/98	naphthaceno[2,1,12-gra]naphthacene		
CA/50	dinaphtho[2,3-a;2',3'-h]pyrene		
E4/2924	naphthaceno[2,1,12-gra]naphthacen		
C2/180	dinaphtho-(2'.3';3.4):(2".3";8.9)-pyrene		
/15.120/-octacene		C <sub>34</sub> H <sub>20</sub>	CATA
CA/65 <sup>t</sup>	naphthaceno[2,1-a]naphthacene		

/20.12.27/-octacene CA/61 <sup>r</sup> benzo[s]naphtho[1,2-f]picene	C <sub>34</sub> H <sub>20</sub>	CATA
/29.23/-octacene CA/98 <sup>t</sup> dibenzo[def,1]naphtho[2,1-b]chrysene	C <sub>32</sub> H <sub>18</sub>	PERI
/34.30.17/-octacene CA/100 tetrabenz[a,c,j,l]naphthacene E4/2935 tetrabenz[a,c,j,l]naphthacene C1/414 1.2,3.4,7.8,9.10-tetrabenzotetracene	C <sub>34</sub> H <sub>20</sub>	CATA
/34.63/-octacene CA/71 <sup>w</sup> dibenzo[de,lm]hexacene	C <sub>32</sub> H <sub>18</sub>	PERI(2)
/65.63/-octacene CA/93 <sup>t</sup> dibenzo[a,p]hexacene	C <sub>34</sub> H <sub>20</sub>	CATA
/255/-octacene CA/99 <sup>t</sup> octacene C1/462 <sup>k</sup> octacene	C <sub>34</sub> H <sub>20</sub>	CATA
/1.1.1.1.31/-nonacene CA/65 <sup>t</sup> nonaphene	C <sub>38</sub> H <sub>22</sub>	CATA
/1.1.3.31/-nonacene CA/65 <sup>t</sup> benz[b <sub>1</sub> c <sub>1</sub> d <sub>1</sub> ]octaphene	C <sub>36</sub> H <sub>20</sub>	PERI
/1.3.6.12.24/-nonacene CA/69 <sup>t</sup> dinaphtho[1,2-c;2',1'-m]picene	C <sub>38</sub> H <sub>22</sub>	CATA
/1.3.7.14/-nonacene CA/100 anthra[9,1,2-cde]benzo[rst]pentaphene violanthrene a CA/97 dinaphtho[1,2,3-cd;3',2',1'-lm]perylene CA/75 violanthrene E4/2945 anthra[9,1,2-cde]benzo[rst]pentaphen dinaphtho[1,2,3-cd:3',2',1'-lm]perylene E3/2778 "violanthren" C2/251 1.2,9.10-dibenzoperopyrene violanthrene	C <sub>34</sub> H <sub>18</sub>	PERI
/1.3.14.28/-nonacene CA/82 <sup>d</sup> dibenzo[b,tuv]naphtho[2,1-m]picene	C <sub>36</sub> H <sub>20</sub>	PERI



/1.7.5.14/-nonacene CA/48 <sup>d</sup>	tetrabenzo[c,m,pq,uv]pentaphene	C <sub>36</sub> H <sub>20</sub>	PERI
/1.7.6.14/-nonacene C2/215 <sup>k</sup>	1.2-benzonaphtho-(2".1";7.8)-anthanthrene	C <sub>34</sub> H <sub>18</sub>	PERI
/1.11.7.6/-nonacene CA/99 C2/255	dibenzo[a,rst]naphtho[8,1,2-cde]pentaphene 1.2,11.12-dibenzoperopyrene	C <sub>34</sub> H <sub>18</sub>	PERI
/2.2.2.62.1/-nonacene CA/60 <sup>c</sup>	benz[j]octaphene	C <sub>38</sub> H <sub>22</sub>	CATA
/2.2.6.30.1/-nonacene CA/92 C2/183	dibenzo[j,xyz]heptaphene 1.2-benzodinaphtho-(2".3";4.5):(2".3";8.9)-pyrene	C <sub>36</sub> H <sub>20</sub>	PERI
/2.3.15.6/-nonacene CA/98 E4/2934 C2/266	dinaphtho[2,1,8,7-defg;2',1',8',7'-ijkl]pentaphene dinaphtho[2,1,8,7-defg;2',1',8',7'-ijkl]pentaphen 1.14,10.11-dibenzoperopyrene	C <sub>32</sub> H <sub>16</sub>	PERI
/2.5.11.7/-nonacene CA/97	dibenzo[a,o]naphtho[1,2,3,4-rst]pentaphene	C <sub>36</sub> H <sub>20</sub>	PERI
/2.6.15.3/-nonacene CA/90 E4/2934 C2/88	dibenzo[a,g]coronene dibenzo[a,g]coronen 1.2,5.6-dibenzocoronene	C <sub>32</sub> H <sub>16</sub>	PERI
/2.6.15.6/-nonacene CA/93 <sup>*</sup>	dibenzo[ij,rst]naphtho[2,1,8,7-defg]pentaphene	C <sub>32</sub> H <sub>16</sub>	PERI
/2.6.21.12.8/-nonacene CA/86 <sup>*</sup>	benzo[g]triphenyleno[1,2-b]chrysene	C <sub>38</sub> H <sub>22</sub>	CATA
/2.7.14.5/-nonacene CA/98 CA/51 CA/50 E4/2946 C2/230	tetrabenzo[de,h,kl,rst]pentaphene dibenzo[de,kl]naphtho[1,2,3,4-rst]pentaphene benzo[a]benzonaphtheno[cd]perylene tetrabenzo[de,h,kl,rst]pentaphen 7.8-benzoterrylene	C <sub>34</sub> H <sub>18</sub>	PERI

/4.2.18.15.2/-nonacene CA/46	dinaphtho[1,2-b;2',1'-n]perylene	C <sub>36</sub> H <sub>20</sub>	PERI
/4.4.4.60.2.1/-nonacene CA/70*	naphtho[2,3-j]heptaphene	C <sub>38</sub> H <sub>22</sub>	CATA
/4.4.28.6.5/-nonacene CA/60 <sup>t</sup>	benzo[p]naphtho[2,3-h]hexaphene	C <sub>36</sub> H <sub>20</sub>	PERI
/4.4.31.4.4/-nonacene CA/88	dinaphtho[1,2,3-fg;1',2',3'-qr]pentacene	C <sub>36</sub> H <sub>20</sub>	PERI
/4.12.7.7/-nonacene CA/93*	dibenzo[a,cd]naphtho[8,1,2,3-fghi]perylene	C <sub>32</sub> H <sub>16</sub>	PERI
/4.12.7.14/-nonacene CA/61*	dibenzo[a,k]naphtho[1,2,3,4-ghi]perylene	C <sub>34</sub> H <sub>18</sub>	PERI
/4.12.15.3/-nonacene CA/83 <sup>d</sup>	dibenzo[a,ghi]naphtho[2,1,8-cde]perylene	C <sub>32</sub> H <sub>16</sub>	PERI
/4.12.31.2/-nonacene CA/76 <sup>d</sup>	benzo[qr]phenanthro[2,1,10,9-fghi]pentacene	C <sub>34</sub> H <sub>18</sub>	PERI
/4.15.6.5/-nonacene CA/88 C2/76	dibenzo[fg,ij]naphtho[1,2,3,4-rst]pentaphene 1.12-o-phenylene-2.3,10.11-dibenzoperylene	C <sub>34</sub> H <sub>18</sub>	PERI
/4.15.29/-nonacene CA/83	benzo[rst]phenaleno[1,2,3-de]pentaphene	C <sub>34</sub> H <sub>18</sub>	PERI
/4.20.12.7.4/-nonacene CA/74*	dinaphtho[3,2,1-fg;1',2',3'-st]pentacene	C <sub>36</sub> H <sub>20</sub>	PERI
/4.31.14/-nonacene CA/70 <sup>t</sup>	anthra[2,1,9,8,7-defghi]benzo[qr]pentacene	C <sub>32</sub> H <sub>16</sub>	PERI
/4.127.2/-nonacene CA/65 <sup>t</sup>	dibenzo[fg,a <sub>1</sub> b <sub>1</sub> ]heptacene	C <sub>36</sub> H <sub>20</sub>	PERI

/4.127.16/-nonacene		C <sub>36</sub> H <sub>20</sub>	PERI
CA/54	dibenzo[fg,uv]heptacene		
C2/458	4.5,12.13-dibenzoheptazethrene		
/6.14.29/-nonacene		C <sub>34</sub> H <sub>18</sub>	PERI
CA/99	benzo[rst]phenanthro[1,10,9-cde]pentaphene		
CA/91	violanthrene b		
C2/255	1.2,6.7-dibenzoperopyrene		
/6.15.7/-nonacene		C <sub>30</sub> H <sub>14</sub>	PERI
CA/64 <sup>~</sup>	naphtho[8,1,2-abc]coronene		
/6.31.3/-nonacene		C <sub>32</sub> H <sub>16</sub>	PERI
CA/94	naphtho[2,3-a]coronene		
E4/2933	naphtho[2,3-a]coronen		
C2/94	naphtho-(2'.3';1.2)-coronene		
/6.31.12/-nonacene		C <sub>32</sub> H <sub>16</sub>	PERI
CA/98	dinaphtho[2,1,8,7-defg;2',1',8',7'-opqr]pentacene		
E4/2933	dinaphtho[2,1,8,7-defg:2',1',8',7'-opqr]pentacen		
C2/265	1.14,7.8-dibenzoperopyrene		
/7.7.7/-nonacene		C <sub>30</sub> H <sub>14</sub>	PERI
CA/93	dibenzo[bc,kl]coronene		
E3/2736	dibenzo[bc.kl]coronen		
C2/260	5.6,12.13-dibenzoperopyrene 2.3,8.9-dibenzocoronene		
/7.14.28/-nonacene		C <sub>34</sub> H <sub>18</sub>	PERI
CA/100	benzo[rst]phenanthro[10,1,2-cde]pentaphene		
CA/97	dinaphtho[1,2,3-cd;1',2',3'-lm]perylene		
CA/72	isoviolanthrene		
E4/2945	benzo[rst]phenanthro[10,1,2-cde]pentaphen dinaphtho[1,2,3-cd:1',2',3'-lm]perylen		
E3/2778	"isoviolanthren"		
C2/246	1.2,8.9-dibenzoperopyrene isoviolanthrene		
/8.127.4/-nonacene		C <sub>36</sub> H <sub>20</sub>	PERI
CA/65	dibenzo[hi,yz]heptacene		
C2/197	6.7,16.17-dibenzoheptacene		
/8.127.8/-nonacene		C <sub>36</sub> H <sub>20</sub>	PERI
CA/66 <sup>*</sup>	dibenzo[hi,wx]heptacene		
C2/59 <sup>k</sup>	dinaphtho-(2'.3';2.3):(2".3";8.9)-perylene		

/10.9.9.7/-nonacene CA/41	anthra[1,2-a]benzo[o]pentaphene	C <sub>38</sub> H <sub>22</sub>	CATA
/10.31.10/-nonacene CA/100 E4/2944 C2/224	tetrabenzo[de,hi,op,st]pentacene tetrabenzo[de,hi,op,st]pentacen 1.9,5.10-di-(peri-naphthylene)-anthracene	C <sub>34</sub> H <sub>18</sub>	PERI
/11.14.26/-nonacene CA/51 E3/2789	dinaphtho[2,1-a;2',1'-j]perylene dinaphtho[2.1-a;2'.1'-j]perylen	C <sub>36</sub> H <sub>20</sub>	PERI
/12.10.9.7/-nonacene CA/95 <sup>t</sup>	13,18;14,17-dimethenobenzo[a]benz[7,8]anthra[2,1-j]= =anthracene	C <sub>36</sub> H <sub>18</sub>	CATA
/12.31.6/-nonacene CA/98 E4/2934 C2/90	dibenzo[a,j]coronene dibenzo[a,j]coronen 1.2,7.8-dibenzocoronene	C <sub>32</sub> H <sub>16</sub>	PERI
/14.7.7/-nonacene CA/97 E4/2923 E3/2736 C2/100	dibenzo[bc,ef]coronene dibenzo[bc,ef]coronen anthrodianthren 1.14-benzobisanthene meso-anthrodianthrene	C <sub>30</sub> H <sub>14</sub>	PERI
/15.124/-nonacene CA/65 <sup>t</sup>	naphthaceno[2,1,12-uva]pentacene	C <sub>36</sub> H <sub>20</sub>	PERI
/15.248/-nonacene CA/65 <sup>t</sup>	naphthaceno[2,1-a]pentacene	C <sub>38</sub> H <sub>22</sub>	CATA
/17.31.17/-nonacene CA/72 <sup>t</sup> C2/461 <sup>d</sup>	tetrabenzo[a,de,l,op]pentacene 5.6,13.14-dibenzoheptazethrene	C <sub>36</sub> H <sub>20</sub>	PERI
/18.62.9/-nonacene CA/84 E4/2952 C2/191	tetrabenzo[a,c,hi,qr]pentacene tetrabenzo[a,c,hi,qr]pentacen 1.2,3.4,6.7,12.13-tetrabenzopentacene	C <sub>36</sub> H <sub>20</sub>	PERI

/22.14.13/-nonacene		C <sub>34</sub> H <sub>18</sub>	PERI
CA/99	tetrabenz[o,a,c,d,j,lm]perylene		
E4/2946	tetrabenz[o,a,c,d,j,lm]perylene		
C2/257	4.5,11.12-dibenzoperopyrene		
/30.4.15/-nonacene		C <sub>36</sub> H <sub>20</sub>	PERI
CA/72 <sup>t</sup>	tetrabenz[o,a,f,j,o]perylene		
C2/52 <sup>k</sup>	1.2,5.6,7.8,11.12-tetrabenzoperylene		
/66.62.33/-nonacene		C <sub>38</sub> H <sub>22</sub>	CATA
CA/97	tetrabenz[o,a,c,l,n]pentacene		
E4/2961	tetrabenz[o,a,c,l,n]pentacene		
C1/443	1.2,3.4,8.9,10.11-tetrabenzopentacene		
/511/-nonacene		C <sub>38</sub> H <sub>22</sub>	CATA
CA/74 <sup>k</sup>	nonacene		
C1/463 <sup>k</sup>	nonacene		
/1.1.1.3.31/-decacene		C <sub>40</sub> H <sub>22</sub>	PERI
CA/65 <sup>t</sup>	benzo[d <sub>1</sub> e <sub>1</sub> f <sub>1</sub> ]nonaphene		
/1.7.7.14/-decacene		C <sub>36</sub> H <sub>18</sub>	PERI
CA/47 <sup>k</sup>	dibenzo[a,def]pyranthrene		
C2/263 <sup>k</sup>	2.3,5.6,8.9-tribenzoperopyrene		
/2.2.2.2.62.1/-decacene		C <sub>42</sub> H <sub>24</sub>	CATA
CA/60 <sup>t</sup>	benzo[l]nonaphene		
/2.2.7.30.4/-decacene		C <sub>38</sub> H <sub>20</sub>	PERI
CA/91 <sup>~</sup>	tribenzo[fg,mn,xyz]heptaphene		
/2.6.15.7/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/93 <sup>*</sup>	benzo[m]naphtho[8,1,2-abc]coronene		
/2.7.15.6/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/93	benzo[pqr]dinaphtho[8,1,2-bcd;2',1',8'-lmn]perylene		
E4/2952	benzo[rst]dinaphtho[2,1,8,7-defg:2',1',8',7'-ijkl]= =pentaphen		
C2/268	3.4,5.6,7.8-tribenzoperopyrene		
/2.14.15.3/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/93 <sup>*</sup>	benzo[g]naphtho[8,1,2-abc]coronene		

/2.14.15.6/-decacene CA/93*	phenanthro[1,10,9-abc]coronene	C <sub>34</sub> H <sub>16</sub>	PERI
/2.15.7.6/-decacene CA/93*	dibenzo[de,ij]phenanthro[2,1,10,9,8,7-pqrstuv]= =pentaphene	C <sub>34</sub> H <sub>16</sub>	PERI
/2.15.15.2/-decacene CA/93*	benzo[ij]dinaphtho[2,1,8,7-defg;7',8',1',2',3'-pqrst]= =pentaphene	C <sub>34</sub> H <sub>16</sub>	PERI
/2.15.30.8/-decacene CA/82 E4/2960 C2/286	dibenzo[de,mn]naphtho[7,8,1,2,3-tuvw]hexaphene dibenzo[lm,yz]pyranthren dibenzo[de,mn]naphtho[7,8,1,2,3-tuvw]hexaphen 2.3,7.8-di-(peri-naphthylene)-pyrene	C <sub>36</sub> H <sub>18</sub>	PERI
/3.7.14.12/-decacene CA/83	benzo[rst]dinaphtho[8,1,2-cde;2',1',8'-klm]pentaphene	C <sub>36</sub> H <sub>18</sub>	PERI
/3.14.14.24/-decacene C2/215 <sup>k</sup>	dinaphtho-(2'.1';1.2):(2".1";7.8)-anthanthrene	C <sub>38</sub> H <sub>20</sub>	PERI
/3.26.22.48/-decacene CA/79*	diphenanthro[3,2-c;3',2'-l]chrysene	C <sub>42</sub> H <sub>24</sub>	CATA
/4.2.23.14.4/-decacene CA/63 CA/44 E3/2802 C2/232	pentabenzo[a,de,kl,o,rst]pentaphene pentabenzo[a,de,ghi,kl,o]picene pentabenzo[a.de.kl.o.rst]pentaphen 1.2,13.14-dibenzoteryylene	C <sub>38</sub> H <sub>20</sub>	PERI
/4.4.4.124.2.1/-decacene CA/60 <sup>t</sup>	naphth[2,3-j]octaphene	C <sub>42</sub> H <sub>24</sub>	CATA
/4.4.252.2.1/-decacene CA/60	benzo[p]naphtho[2,3-h]hexaphene	C <sub>42</sub> H <sub>24</sub>	CATA
/4.12.15.7/-decacene CA/93*	benzo[p]naphtho[8,1,2-abc]coronene	C <sub>34</sub> H <sub>16</sub>	PERI

/4.15.7.6/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/94	dibenzo[fg,ij]phenanthro[2,1,10,9,8,7-pqrstuv]pentaphene		
E4/2951	dibenzo[fg,ij]phenanthro[2,1,10,9,8,7-pqrstuv]pentaphen		
C2/104	3.4,11.12-dibenzobisanthene		
/4.15.15.2/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/55	peryllo[3,2,1,12-pqrab]perylene		
E4/2951	peryllo[3,2,1,12-pqrab]perylene		
C2/104	3.4,10.11-dibenzobisanthene		
/4.15.30.4/-decacene		C <sub>36</sub> H <sub>18</sub>	PERI
CA/93	dibenzo[ij,rst]phenanthro[9,10,1,2-defg]pentaphene		
C2/239	1.12,2.3,6.7,8.9-tetrabenzanthanthrene		
/4.15.120.16/-decacene		C <sub>40</sub> H <sub>22</sub>	PERI
CA/66 <sup>d</sup>	naphtho[3,2,1-kl]phenanthro[10,1-bc]picene		
/6.3.30.3/-decacene		C <sub>38</sub> H <sub>20</sub>	PERI
CA/94	dibenzo[de,yz]naphtho[8,1,2-hij]hexaphene		
/6.31.7/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/93 <sup>*</sup>	phenanthro[10,1,2-abc]coronene		
/6.31.14/-decacene		C <sub>34</sub> H <sub>16</sub>	PERI
CA/93 <sup>*</sup>	anthra[2,1,9,8,7-defghi]naphtho[2,1,8,7-opqr]pentacene		
/6.63.3/-decacene		C <sub>36</sub> H <sub>18</sub>	PERI
CA/88	anthra[2,3-a]coronene		
/8.8.8.120.4.2.1/-decacene		C <sub>42</sub> H <sub>24</sub>	CATA
CA/86	anthra[2,3-j]heptaphene		
/8.15.60.4/-decacene		C <sub>38</sub> H <sub>20</sub>	PERI
CA/69 <sup>k</sup>	pentapheno[7,6,5,4-defgh]pentaphene		
/8.22.12.11.2/-decacene		C <sub>42</sub> H <sub>24</sub>	CATA
CA/96	dibenzo[f,j]phenanthro[9,10-s]picene		
E4/2973	dibenzo[f,j]phenanthro[9,10-s]picen		
C1/286	1.2,3.4,5.6,7.8,9.10,11.12-hexabenzotriphenylene		

/8.30.14.9/-decacene	C <sub>36</sub> H <sub>18</sub>	PERI
CA/86	dibenzo[fg,ij]phenanthro[9,10,1,2,3-pqrst]pentaphene	
E4/2961	dibenzo[fg,ij]phenanthro[9,10,1,2,3-pqrst]pentaphen	
C2/78	1.2,3.4,5.6,10.11-tetrabenzanthanthrene	
/8.127.12/-decacene	C <sub>38</sub> H <sub>20</sub>	PERI
CA/66 <sup>r</sup>	benzo[w]naphtho[2,1,8,7-hijk]heptacene	
/8.255.4/-decacene	C <sub>40</sub> H <sub>22</sub>	PERI
CA/65 <sup>t</sup>	dibenz[hi,c <sub>1</sub> d <sub>1</sub> ]octacene	
/10.6.15.3/-decacene	C <sub>36</sub> H <sub>18</sub>	PERI
CA/97	tribenzo[a,d,g]coronene	
C2/92	1.2,3.4,5.6-tribenzocoronene	
/10.7.14.5/-decacene	C <sub>38</sub> H <sub>20</sub>	PERI
CA/94	tribenzo[de,h,kl]naphtho[1,2,3,4-rst]pentaphene	
CA/50	dibenzo[a,f]phenaleno[1,2,3-cd]perylene	
E4/2967	tribenzo[de,h,kl]naphtho[1,2,3,4-rst]pentaphen	
C2/233	7.8,15.16-dibenzoterrylene	
/12.31.7/-decacene	C <sub>34</sub> H <sub>16</sub>	PERI
CA/93 <sup>*</sup>	benzo[j]naphtho[8,1,2-abc]coronene	
/13.15.11/-decacene	C <sub>36</sub> H <sub>18</sub>	PERI
C2/240 <sup>k</sup>	9.10,3'.4'-dibenzopyreno-(1.3;10'.2')-pyrene	
/14.9.9.7/-decacene	C <sub>40</sub> H <sub>20</sub>	CATA
CA/97 <sup>t</sup>	13,19;14,18-dimethenoanthra[1,2-a]benzo[o]pentaphene	
/14.15.7/-decacene	C <sub>32</sub> H <sub>14</sub>	PERI
CA/100	ovalene	
E4/2944	ovalen	
E3/2777	phenanthro[3.4.5.6-qrabc]coronen	
C2/103	ovalene	
/14.45.28/-decacene	C <sub>38</sub> H <sub>20</sub>	PERI
C2/215 <sup>k</sup>	dinaphtho-(1'.2';1.2):(1".2";7.8)-anthanthrene	
/16.255.8/-decacene	C <sub>40</sub> H <sub>22</sub>	PERI
CA/65	dibenzo[jk,a <sub>1</sub> b <sub>1</sub> ]octacene	
C2/204	7.8,17.18-dibenzooctacene	



/26.13,27/-decacene CA/100 <sup>t</sup>	benzo[pqr]dinaphtho[1,2-a;2',1'-j]picene	C <sub>40</sub> H <sub>22</sub>	PERI
/31.31/-decacene CA/93 <sup>t</sup>	peri-pentacenopentacene	C <sub>34</sub> H <sub>16</sub>	PERI
/31.62/-decacene CA/52 <sup>k</sup> C2/217 <sup>k</sup>	pentaceno[2,1,14,13,12-qrstuva]pentacene 1.2-benzophenanthreno-(10".2";8.10)-anthanthrene	C <sub>36</sub> H <sub>18</sub>	PERI
/31.248/-decacene CA/65 <sup>t</sup>	pentaceno[2,1,14-uva]pentacene	C <sub>40</sub> H <sub>22</sub>	PERI
/31.496/-decacene CA/65 <sup>t</sup>	pentaceno[2,1-a]pentacene	C <sub>42</sub> H <sub>24</sub>	CATA
/47.122/-decacene CA/66 <sup>d</sup>	benzo[op]benzo[11,12]naphthaceno[2,1-a]naphthacene	C <sub>40</sub> H <sub>22</sub>	PERI
/130.126.65/-decacene CA/93 <sup>t</sup>	tetrabenzo[a,c,n,p]hexacene	C <sub>42</sub> H <sub>24</sub>	CATA
/1023/-decacene CA/99 <sup>t</sup>	decacene	C <sub>42</sub> H <sub>24</sub>	CATA
/1.1.1.1.1.63/-undecacene CA/60 <sup>t</sup>	undecaphene	C <sub>46</sub> H <sub>26</sub>	CATA
/1.7.14.12.24/-undecacene CA/47 <sup>d</sup>	diphenanthro[1,2,3-cd;3',2',1'-lm]perylene	C <sub>42</sub> H <sub>22</sub>	PERI
/2.1.3.23.14/-undecacene CA/57 C2/275	diphenanthro[2,3,4-cd;4',3',2'-lm]perylene dinaphtho-(1'.2';1.2):(2".1";9.10)-peropyrene	C <sub>42</sub> H <sub>22</sub>	PERI
/2.1.27.7.6/-undecacene C2/275	dinaphtho-(2'.1';4.5):(1".2";8.9)-peropyrene	C <sub>42</sub> H <sub>22</sub>	PERI
/2.6.14.29.2/-undecacene CA/41 <sup>k</sup>	dibenzo[a,o]dinaphtho[3,2,1-cd;1',2',3'-lm]perylene	C <sub>42</sub> H <sub>22</sub>	PERI

/2.7.14.28.8/-undecacene		C <sub>40</sub> H <sub>20</sub>	PERI
CA/99	benzo[1,2,3-cd;4,5,6-c'd']diperylene		
E4/2972	benz[5,10]anthra[9,1,2-cde]dibenzo[kl,rst]pentaphen quaterrylen		
C2/283	quaterrylene		
/2.7.15.7/-undecacene		C <sub>36</sub> H <sub>16</sub>	PERI
CA/95	dinaptho[8,1,2-abc;2',1',8'-klm]coronene		
/2.10.7.30.4/-undecacene		C <sub>42</sub> H <sub>22</sub>	PERI
CA/91 <sup>-</sup>	dibenzo[fg,mn]naphtho[1,2,3,4-xyz]heptaphene		
/2.14.13.26.4/-undecacene		C <sub>44</sub> H <sub>24</sub>	PERI
CA/92 <sup>-</sup>	tetrabenzo[a,c,m,o]naphtho[1,2,3,4-rst]pentaphene		
/2.14.15.7/-undecacene		C <sub>36</sub> H <sub>16</sub>	PERI
CA/93 <sup>*</sup>	benz[a]ovalene		
/2.15.15.3/-undecacene		C <sub>36</sub> H <sub>16</sub>	PERI
CA/93 <sup>+</sup>	dinaptho[8,1,2-abc;8',1',2'-ghi]coronene		
/2.30.17.16.48.8/-undecacene		C <sub>46</sub> H <sub>26</sub>	CATA
CA/93 <sup>-</sup>	tetrabenzo[a,c,q,s]heptaphene		
/3.3.15.14/-undecacene		C <sub>38</sub> H <sub>18</sub>	PERI
CA/63 <sup>-</sup>	anthra[2,1,9,8-klmno]naphtho[3,2,1,8,7-vwxyz]hexaphene		
CA/46 <sup>k</sup>	bisbenzonaphtheno[9,1,2-bcd;2',1',9'-lmn]perylene		
C2/274 <sup>k</sup>	dinaptho-(1'.7';2.4):(2".8";7.9)-peropyrene		
/3.11.15.6/-undecacene		C <sub>38</sub> H <sub>18</sub>	PERI
CA/91	benzo[rs]dinaptho[2,1,8,7-klmn;3',2',1',8',7'-vwxyz]= =hexaphene		
C2/273	dinaptho-(7'.1';1.13):(1".7";9.11)-peropyrene		
/3.127.96/-undecacene		C <sub>42</sub> H <sub>22</sub>	PERI
CA/92	dinaptho[2,1,8-c <sub>1</sub> d <sub>1</sub> a;2',1',8'-nop]heptacene		
E4/2975	dinaptho[2,1,8-c <sub>1</sub> d <sub>1</sub> a:2',1',8'-nop]heptacen		
C2/201	dinaptho-(1'.7';2.18):(7".1";9.11)-heptacene		
/4.4.4.4.124.2.1/-undecacene		C <sub>46</sub> H <sub>26</sub>	CATA
CA/60 <sup>t</sup>	naphtho[2,3-1]nonaphene		

/4.10.31.10.4/-undecacene CA/97 <sup>d</sup>	dibenzo[hi,st]dinaphtho[3,2,1-de;3',2',1'-op]pentacene	C <sub>42</sub> H <sub>22</sub>	PERI
/4.12.31.6.4/-undecacene CA/76 <sup>*</sup>	tetrabenzo[a,d,j,m]coronene	C <sub>40</sub> H <sub>20</sub>	PERI
/6.31.15/-undecacene CA/93 <sup>*</sup>	pyreno[10,1,2-abc]coronene	C <sub>36</sub> H <sub>16</sub>	PERI
/6.31.29/-undecacene CA/100	anthra[2,1,9,8-stuva]benzo[op]naphtho[2,1,8,7-hijk]= =pentacene	C <sub>38</sub> H <sub>18</sub>	PERI
/7.31.28/-undecacene CA/78 CA/46 C2/274 <sup>k</sup>	dianthra[2,1,9,8-stuva;2',1',9',8'-hijkl]pentacene dianthra[8,9,1,2-cdefg;8',9',1',2'-nopqr]pentacene dinaphtho-(1'.7';2.4):(1".7";9.11)-peropyrene	C <sub>38</sub> H <sub>18</sub>	PERI
/8.8.8.248.4.2.1/-undecacene CA/60 <sup>t</sup>	anthra[2,3-j]octaphene	C <sub>46</sub> H <sub>26</sub>	CATA
/8.22.14.13.2/-undecacene CA/91 E4/2975 C2/258	hexabenzo[a,cd,f,j,lm,o]perylene hexabenzo[a,cd,f,j,lm,o]perylene 4.5,6.7,11.12,13.14-tetrabenzoperopyrene	C <sub>42</sub> H <sub>22</sub>	PERI
/12.92.59/-undecacene C2/275	dinaphtho-(1'.2';4.5):(2".1".9.10)-peropyrene	C <sub>42</sub> H <sub>22</sub>	PERI
/14.31.7/-undecacene CA/93 <sup>*</sup>	benz[d]ovalene	C <sub>36</sub> H <sub>16</sub>	PERI
/14.31.14/-undecacene CA/81 E3/2802 C2/269	dinaphtho[8,1,2-abc;8',1',2'-jkl]coronene dinaphtho[8.1.2-abc;8'.1'.2'-jkl]coronene 3.4,5.6,10.11,12.13-tetrabenzoperopyrene	C <sub>36</sub> H <sub>16</sub>	PERI
/14.93.56/-undecacene CA/57 C2/275	diphenanthro[2,3,4-cd;2',3',4'-lm]perylene dinaphtho-(2'.1';2.3):(2".1";9.10)-peropyrene	C <sub>42</sub> H <sub>22</sub>	PERI
/16.511.8/-undecacene CA/65 <sup>t</sup>	dibenzo[jk,e <sub>1</sub> f <sub>1</sub> ]nonacene	C <sub>44</sub> H <sub>24</sub>	PERI

/22.31.13/-undecacene  $C_{38}H_{18}$  PERI  
CA/100 dibenzo[jk,uv]dinaphtho[2,1,8,7-defg;2',1',8',7'-opqr]=  
=pentacene  
E4/2970 dibenzo[jk,uv]dinaphtho[2,1,8,7-defg;2',1',8',7'-opqr]=  
=pentacene  
C2/271 dinaphtho-(7'.1';1.13):(1".7";6.8)-peropyrene

/22.62.19/-undecacene  $C_{40}H_{20}$  PERI  
CA/97\* dibenzo[hi,op]dinaphtho[8,1,2-cde;2',1',8'-uva]pentacene

/28.18.17.15/-undecacene  $C_{44}H_{22}$  CATA  
CA/95<sup>t</sup> 14,21;15,20-dimethenbenzo[a]naphth[2',3';7,8]=  
=anthra[2,1-1]naphthacene

/36.127.18/-undecacene  $C_{42}H_{22}$  PERI  
CA/54 tetrabenzo[fg,lm,uv,a<sub>1</sub>b<sub>1</sub>]heptacene  
C2/198 5.6,8.9,14.15,17.18-tetrabenzoheptacene

/66.127.33/-undecacene  $C_{42}H_{22}$  PERI  
CA/93 tetrabenzo[de,no,st,c<sub>1</sub>d<sub>1</sub>]heptacene  
C2/200 1.18,4.5,9.10,13.14-tetrabenzoheptacene

/2047/-undecacene  $C_{46}H_{26}$  CATA  
CA/59<sup>t</sup> undecacene  
C1/464<sup>k</sup> undecacene

/2.2.2.2.126.1/-dodecacene  $C_{50}H_{28}$  CATA  
CA/60<sup>t</sup> benz[n]undecaphene

/2.6.15.30.4/-dodecacene  $C_{42}H_{20}$  PERI  
CA/91 dibenzo[fg,mn]phenanthro[2,1,10,9,8,7-vwxyz<sub>a</sub>1b<sub>1</sub>]=  
=heptaphene

/4.14.30.14.1/-dodecacene  $C_{40}H_{18}$  PERI  
CA/95 benzo[za<sub>1</sub>b<sub>1</sub>]dinaphtho=  
=[7,8,1,2,3-defgh;3',2',1',8',7'-pqrst]trinaphthylene

/4.15.30.14/-dodecacene  $C_{40}H_{18}$  PERI  
CA/95 benzo[jk]phenanthro[8,9,10,1,2-cdefgh]pyranthrene

/6.15.15.6/-dodecacene  $C_{38}H_{16}$  PERI  
CA/91 naphth[2',1',8',7';4,10,5]anthra[1,9,8-abcd]coronene

/6.15.30.12/-dodecacene		C <sub>40</sub> H <sub>18</sub>	PERI
CA/93	tetrabenzo[def,lm,qrs,yz]pyranthrene		
E4/2974	tetrabenzo[def,lm,qrs,yz]pyranthren		
C2/287	dipyreno-(1'.3';10.2):(1".3";5.7)-pyrene		
/8.8.8.8.248.4.2.1/-dodecacene		C <sub>50</sub> H <sub>28</sub>	CATA
CA/60 <sup>t</sup>	anthra[2,3-1]nonaphene		
/10.30.15.10/-dodecacene		C <sub>42</sub> H <sub>20</sub>	PERI
CA/55	tetrabenzo[gh,jk,tu,wx]pyranthrene		
E4/2977	tetrabenzo[gh,jk,tu,wx]pyranthren		
C2/107	1.2,3.4,8.9,10.11-tetrabenzobisanthene		
/15.15.15/-dodecacene		C <sub>38</sub> H <sub>16</sub>	PERI
CA/93 <sup>t</sup>	dibenz[bc,mn]ovalene		
/24.20.18.17.15/-dodecacene		C <sub>48</sub> H <sub>24</sub>	CATA
CA/97 <sup>t</sup>	16,24;17,23-dimethenobenzo[9,10]naphthaceno[1,2-a]= =naphtho[2,1-1]naphthacene		
/28.18.17.9.7/-dodecacene		C <sub>48</sub> H <sub>24</sub>	CATA
CA/99	15,23;16,22-dimethenobenzo[1,2-a;5,4-a']dipentaphene		
/30.15.15/-dodecacene		C <sub>38</sub> H <sub>16</sub>	PERI
CA/93 <sup>t</sup>	dibenz[bc,ef]ovalene		
/32.1023.16/-dodecacene		C <sub>48</sub> H <sub>26</sub>	PERI
CA/65 <sup>t</sup>	dibenzo[lm,g <sub>1</sub> h <sub>1</sub> ]decacene		
/62.12.31/-dodecacene		C <sub>44</sub> H <sub>22</sub>	PERI
CA/65 <sup>t</sup>	naphtho[2,1,8,7-fghi;3,4,5,6-f'g'h'i']dipentacene		
/4095/-dodecacene		C <sub>50</sub> H <sub>28</sub>	CATA
CA/59 <sup>t</sup>	dodecacene		
/1.11.7.14.28/-tridecacene		C <sub>48</sub> H <sub>24</sub>	PERI
CA/65 <sup>k</sup>	dibenzo[h,rst]diphenanthro[10,1,2-cde;2',1',10'-klm]= =pentaphene		
/2.7.15.28.12/-tridecacene		C <sub>44</sub> H <sub>20</sub>	PERI
CA/94	benz[5,10]anthra[2,1,9,8-klmno]benzo[de]naphtho= =[3,2,1,8,7-vwxyz]hexaphene		
C2/284	1.20,16.17-dibenzoquaterrylene		

/2.10.7.31.6/-tridecacene CA/76*	trinaphtho= =[2,1,8,7-fghi;2',1',8',7'-klmn;1",2",3",4"-xyz]= =heptaphene	C <sub>46</sub> H <sub>22</sub>	PERI
/2.14.15.30.4/-tridecacene CA/95	dibenzo[a,jk]phenanthro[8,9,10,1,2-cdefgh]pyranthrene	C <sub>44</sub> H <sub>20</sub>	PERI
/3.7.14.28.24/-tridecacene CA/93 <sup>t</sup>	benzo[rst]naphth[2',1',8';10,5,6]anthra[9,1,2-cde]= =naphtho[2,1,8-klm]pentaphene	C <sub>46</sub> H <sub>22</sub>	PERI
/4.4.4.4.4.252.2.1/-tridecacene CA/60 <sup>t</sup>	naphth[2,3-n]undecaphene	C <sub>54</sub> H <sub>30</sub>	CATA
/4.14.31.14.4/-tridecacene CA/97 <sup>d</sup>	dianthra[1,9,8-abcd;1',9',8'-jklm]coronene	C <sub>42</sub> H <sub>18</sub>	PERI
/8.30.14.15.2/-tridecacene CA/96 E4/2979 C2/95	hexabenzo[bc,ef,hi,kl,no,qr]coronene hexabenzo[bc,ef,hi,kl,no,qr]coronen 1.12,2.3,4.5,6.7,8.9,10.11-hexabenzocoronene	C <sub>42</sub> H <sub>18</sub>	PERI
/16.16.16.16.496.8.4.2.1/-tridecacene CA/60 <sup>t</sup>	naphthaceno[2,3-l]nonaphene	C <sub>54</sub> H <sub>30</sub>	CATA
/20.12.31.6.5/-tridecacene CA/96	hexabenzo[a,d,g,j,m,p]coronene	C <sub>48</sub> H <sub>24</sub>	PERI
/20.18.31.9.5/-tridecacene CA/92 <sup>-</sup>	tetranaphtho= =[3,2,1-de;1',2',3'-jk;3",2",1"-op;1"',2"',3"'-uv]= =pentacene	C <sub>50</sub> H <sub>26</sub>	PERI
/30.31.15/-tridecacene CA/94 E4/2977 C2/108	phenanthro[3,4,5,6-bcdef]ovalene phenanthro[3,4,5,6-bcdef]ovalen circumanthracen circumanthracene	C <sub>40</sub> H <sub>16</sub>	PERI
/102.62.51/-tridecacene CA/70*	tetranaphtho= =[8,1,2-cde;2',1',8'-jkl;8",1",2"-nop;2"',1"',8"'-uva]= =pentacene	C <sub>46</sub> H <sub>22</sub>	PERI

/8191/-tridecacene CA/59 <sup>t</sup>	tridecacene	C <sub>54</sub> H <sub>30</sub>	CATA
/2.7.14.28.56.16/-tetradecacene CA/98 <sup>*</sup>	bisbenz[5,10]anthra[9,1,2-cde;2',1',9'-klm]benzo[rst]= =pentaphene	C <sub>50</sub> H <sub>24</sub>	PERI
/2.7.15.30.12/-tetradecacene CA/93 <sup>t</sup>	tribenzo[def,lm,qrs]phenanthro[3,4,5-yzab]pyranthrene	C <sub>46</sub> H <sub>20</sub>	PERI
/4.15.30.14.9/-tetradecacene CA/95	tribenzo[a,jk,v]phenanthro[8,9,10,1,2-cdefgh]pyranthrene	C <sub>48</sub> H <sub>22</sub>	PERI
/8.8.8.8.504.4.2.1/-tetradecacene CA/60 <sup>t</sup>	anthra[2,3-n]undecaphene	C <sub>58</sub> H <sub>32</sub>	CATA
/14.15.15.7/-tetradecacene CA/95 <sup>t</sup>	pentapheno[2,1,14,13,12,11-defghijkl]pyreno= =[2,1,10,9,8,7-pqrstuv]pentaphene	C <sub>42</sub> H <sub>16</sub>	PERI
/16383/-tetradecacene CA/59 <sup>t</sup>	tetradecacene	C <sub>58</sub> H <sub>32</sub>	CATA
/1.3.7.14.28.56/-pentadecacene CA/66 <sup>k</sup>	dibenzo[rst,r's't']phenanthro[10,1,2-cde;9,8,7-c'd'e']= =dipentaphene	C <sub>54</sub> H <sub>26</sub>	PERI
/4.14.31.15.6/-pentadecacene CA/93 <sup>t</sup>	benz[4,10]anthra[2,1,9,8,7-opqrst]naphtho= =[2',1',8',7';4,5,6]naphthaceno= =[2,1,12,11,10,9-defghijk]pentacene	C <sub>46</sub> H <sub>18</sub>	PERI
/7.14.28.56.112/-pentadecacene CA/65 <sup>*</sup>	dibenz[rst,r's't']anthra[9,1,2-cde;10,5,6-c'd'e']= =pentaphene	C <sub>54</sub> H <sub>26</sub>	PERI
/16.16.16.16.16.1008.8.4.2.1/-pentadecacene CA/60 <sup>t</sup>	naphthaceno[2,3-n]undecaphene	C <sub>62</sub> H <sub>34</sub>	CATA
/31.31.31/-pentadecacene CA/93 <sup>t</sup>	benzo[mn]benzo[1,10]phenanthro[3,4,5,6-bcdef]ovalene	C <sub>46</sub> H <sub>18</sub>	PERI

/62.31.31/-pentadecacene  $C_{46}H_{18}$  PERI  
CA/93<sup>t</sup> dibenzo[mn,pq]phenanthro[3,4,5,6-bcdef]ovalene

/32767/-pentadecacene  $C_{62}H_{34}$  CATA  
CA/59<sup>t</sup> pentadecacene

/3.7.14.28.56.48/-hexadecacene  $C_{56}H_{26}$  PERI  
CA/93<sup>t</sup> benzo[rst]bisnaphth[2',1',8';10,5,6]anthra=  
=[9,1,2-cde;2',1',9'-klm]pentaphene

/65535/-hexadecacene  $C_{66}H_{36}$  CATA  
CA/59<sup>t</sup> hexadecacene

/28.30.31.15.7/-nonadecacene  $C_{54}H_{18}$  PERI  
CA/92<sup>t</sup> tripyreno=  
=[2,1,10,9,8,7-defghij;2',1',10',9',8',7'-nopqrst;=  
=2",1",10",9",8",7"-xyza<sub>1</sub>b<sub>1</sub>c<sub>1</sub>d<sub>1</sub>]trinaphthylene

/126.127.63/-nonadecacene  $C_{56}H_{20}$  PERI  
CA/89<sup>t</sup> dihexaceno[2,1,16,15,14,13,12,11-defghijklmno]=  
=2',1',16',12',14',13',12',11'-stuvwxyza<sub>1</sub>b<sub>1</sub>c<sub>1</sub>d<sub>1</sub>]=  
=heptacene

/120.124.126.127.63.31.15/-heptatriacontacene  $C_{96}H_{24}$  PERI  
CA/95<sup>t</sup> bisnaphthaceno[2",1",12",11",10",9";4',5',6',7',8']=  
=pentaceno[2',1',14',13',12',11',10';4,5,6,7,8,9]=  
=hexaceno[2,1,16,15,14,13,12,11-defghijklmno]=  
=2',1',16',15',14',13',12',11'-stuvwxyza<sub>1</sub>b<sub>1</sub>c<sub>1</sub>d<sub>1</sub>]=  
=heptacene