LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	519	522	540	rBV	2450393	2427002	46.91%	3.862%
2	6.381	692	696	710	rBV	2521988	2461420	47.58%	3.916%
3	6.545	721	724	730	rVB	105848	97902	1.89%	0.156%
4	6.722	751	754	761	rVB	713910	628793	12.15%	1.000%
5	7.292	847	851	854	rBV	1801631	1635017	31.60%	2.601%
6	8.010	967	973	974	rBV	905708	880109	17.01%	1.400%
7	8.028	974	976	979	rVB	878683	714356	13.81%	1.137%
8	8.722	1090	1094	1097	rVB	523508	414126	8.01%	0.659%
9	8.822	1106	1111	1114	rVB	336715	316484	6.12%	0.504%
10	9.086	1148	1156	1159	rBV	3154769	2679456	51.79%	4.263%
11	9.186	1170	1173	1178	rVB	147742	133434	2.58%	0.212%
12	9.281	1186	1189	1195	rVB	107565	114938	2.22%	0.183%
13	9.351	1195	1201	1205	rBV	160004	232266	4.49%	0.370%
14	9.422	1208	1213	1215	rVV	273269	273268	5.28%	0.435%
15	9.445	1215	1217	1222	rVV	178887	164536	3.18%	0.262%
16	9.539	1226	1233	1238	rBV2	147497	180055	3.48%	0.286%
17	9.622	1244	1247	1251	rVB	117124	98337	1.90%	0.156%
18	9.763	1265	1271	1273	rBV	1087632	937176	18.12%	1.491%
19	9.798	1273	1277	1280	rVB	1044655	981029	18.96%	1.561%
20	9.916	1293	1297	1302	rBV2	97963	128457	2.48%	0.204%
21	9.969	1302	1306	1309	rVV	896825	787628	15.22%	1.253%
22	10.080	1321	1325	1327	rBV2	86280	93431	1.81%	0.149%
23	10.169	1336	1340	1342	rBV	86580	103574	2.00%	0.165%
24	10.310	1360	1364	1369	rVB	1190727	977538	18.90%	1.555%
25	10.392	1377	1378	1381	rVV	171202	142939	2.76%	0.227%
26	10.469	1388	1391	1395	rVB	294648	281001	5.43%	0.447%
27	10.557	1399	1406	1409	rVV	1744250	1804712	34.89%	2.871%
28	10.598	1409	1413	1416	rVV2	97167	135883	2.63%	0.216%
29	10.675	1420	1426	1432	rVB5	70792	127588	2.47%	0.203%
30	10.857	1450	1457	1460	rBV3	226387	314159	6.07%	0.500%
31	10.886	1460	1462	1465	rVV2	113185	102816	1.99%	0.164%
32	10.986	1474	1479	1481	rBV2	132039	189105	3.66%	0.301%
33	11.010	1481	1483	1485	rVV	126764	121913	2.36%	0.194%
34	11.057	1488	1491	1495	rVV	262642	237746	4.60%	0.378%
35	11.104	1495	1499	1503	rVV3	194559	271080	5.24%	0.431%
36	11.145	1503	1506	1512	rVB	472811	426496	8.24%	0.679%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.251	1520	1524	1526	rBV	786865	944833	18.26%	1.503%
38	11.280	1526	1529	1532	rVV	4738795	5173293	100.00%	8.231%
39	11.327	1532	1537	1540	rVV	1693777	1520933	29.40%	2.420%
40	11.363	1540	1543	1545	rVB2	108218	109445	2.12%	0.174%
41	11.486	1557	1564	1571	rBV2	619143	669429	12.94%	1.065%
42	11.545	1571	1574	1578	rVV2	131904	149470	2.89%	0.238%
43	11.580	1578	1580	1585	rVB3	98239	140874	2.72%	0.224%
44	11.751	1604	1609	1611	rBV	691344	619042	11.97%	0.985%
45	11.780	1611	1614	1618	rVB	973428	800745	15.48%	1.274%
46	11.827	1618	1622	1625	rBV	374176	336093	6.50%	0.535%
47	11.863	1625	1628	1630	rVV	940977	943135	18.23%	1.501%
48	11.886	1630	1632	1637	rVB	452685	371194	7.18%	0.591%
49	12.045	1656	1659	1662	rVV	460836	364885	7.05%	0.581%
50	12.080	1662	1665	1668	rVB	352929	294145	5.69%	0.468%
51	12.192	1679	1684	1687	rBV	167385	190302	3.68%	0.303%
52	12.298	1699	1702	1705	rBV	311473	324580	6.27%	0.516%
53	12.339	1705	1709	1711	rVV	189493	234039	4.52%	0.372%
54	12.392	1715	1718	1722	rVB3	218637	252671	4.88%	0.402%
55	12.469	1726	1731	1734	rBV	3741124	3770076	72.88%	5.999%
56	12.527	1739	1741	1745	rVB2	128580	116042	2.24%	0.185%
57	12.610	1752	1755	1759	rVB2	173587	192598	3.72%	0.306%
58	12.698	1764	1770	1775	rBV2	3134363	3922211	75.82%	6.241%
59	12.739	1775	1777	1782	rVB2	198549	234191	4.53%	0.373%
60	12.810	1786	1789	1790	rBV2	226733	190357	3.68%	0.303%
61	12.833	1790	1793	1796	rVB	1892021	1534148	29.66%	2.441%
62	12.910	1801	1806	1810	rBV2	256940	436136	8.43%	0.694%
63	12.998	1818	1821	1823	rBV3	217035	291266	5.63%	0.463%
64	13.021	1823	1825	1828	rVB	488814	415148	8.02%	0.661%
65	13.086	1833	1836	1839	rVV	346057	284800	5.51%	0.453%
66	13.121	1839	1842	1846	rVV2	379441	447215	8.64%	0.712%
67	13.216	1855	1858	1861	rBV	236223	203002	3.92%	0.323%
68	13.245	1861	1863	1867	rBV	210814	214611	4.15%	0.341%
69	13.410	1886	1891	1892	rBV3	67559	104507	2.02%	0.166%
70	13.533	1909	1912	1916	rVB	288162	265510	5.13%	0.422%
71	13.639	1926	1930	1933	rBV	294455	331036	6.40%	0.527%
72	13.668	1933	1935	1937	rVV	295323	244887	4.73%	0.390%
73	13.692	1937	1939	1941	rVV	210004	227567	4.40%	0.362%
74	13.745	1945	1948	1951	rVB	285944	259350	5.01%	0.413%
75	13.886	1965	1972	1976	rBV2	1707945	2591559	50.09%	4.123%
76	13.921	1976	1978	1981	rVV	1659479	1342795	25.96%	2.137%

LSC Area Percent Report

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Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.998	1985	1991	1994	rBV3	263866	365762	7.07%	0.582%
78	14.057	1997	2001	2004	rBV4	68225	123334	2.38%	0.196%
79	14.127	2011	2013	2015	rVB	124263	99899	1.93%	0.159%
80	14.239	2030	2032	2035	rVV	126809	126978	2.45%	0.202%
81	14.280	2035	2039	2042	rVV	399294	415594	8.03%	0.661%
82	14.315	2042	2045	2049	rVV	200443	225677	4.36%	0.359%
83	14.357	2049	2052	2054	rVV4	114494	160980	3.11%	0.256%
84	14.374	2054	2055	2058	rVV	136544	103864	2.01%	0.165%
85	14.404	2058	2060	2062	rVV	168924	168606	3.26%	0.268%
86	14.427	2062	2064	2066	rVV	146934	129466	2.50%	0.206%
87	14.592	2089	2092	2096	rBV2	121075	142303	2.75%	0.226%
88	14.763	2118	2121	2125	rBV2	134588	157585	3.05%	0.251%
89	14.921	2143	2148	2155	rBV	1170522	2257070	43.63%	3.591%
90	15.021	2162	2165	2169	rVB	214271	215507	4.17%	0.343%
91	15.110	2176	2180	2181	rBV3	76166	91537	1.77%	0.146%
92	15.210	2193	2197	2203	rVB	691025	896643	17.33%	1.427%
93	15.274	2203	2208	2212	rVB	1094038	1225718	23.69%	1.950%
94	15.327	2213	2217	2220	rVV	459356	567881	10.98%	0.904%
95	15.362	2220	2223	2229	rVB2	285860	399948	7.73%	0.636%
96	16.739	2451	2457	2464	rVB	504975	905364	17.50%	1.441%
97	16.904	2479	2485	2490	rBV	105033	222907	4.31%	0.355%
98	16.962	2490	2495	2501	rVB2	80149	162542	3.14%	0.259%
99	17.162	2523	2529	2540	rVB	364697	757342	14.64%	1.205%
100	17.398	2564	2569	2582	rVB2	103097	253662	4.90%	0.404%

Sum of corrected areas: 62850059

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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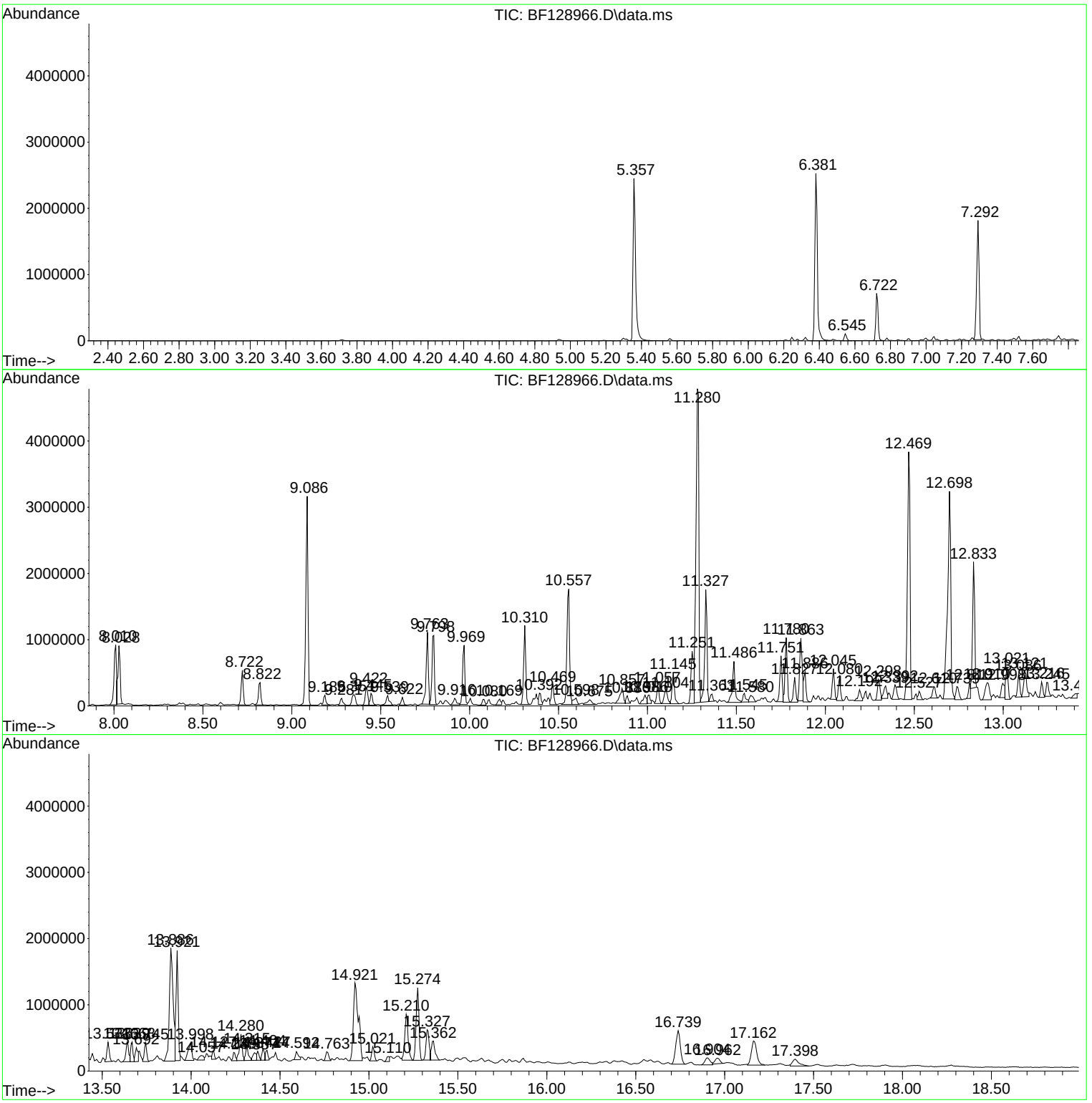
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

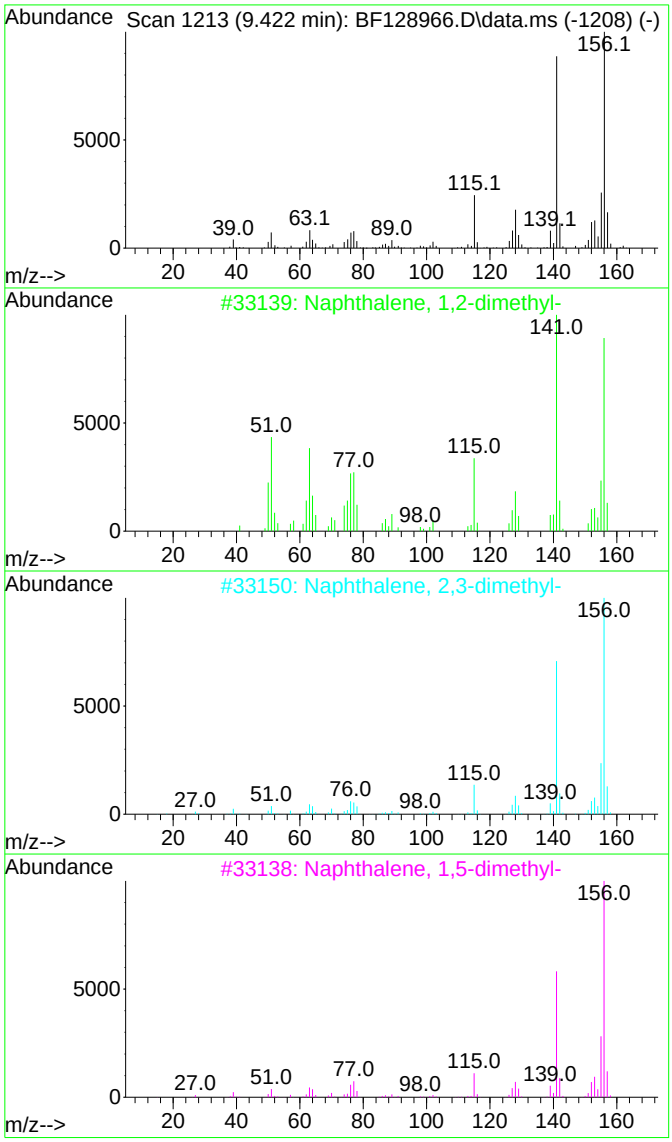
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

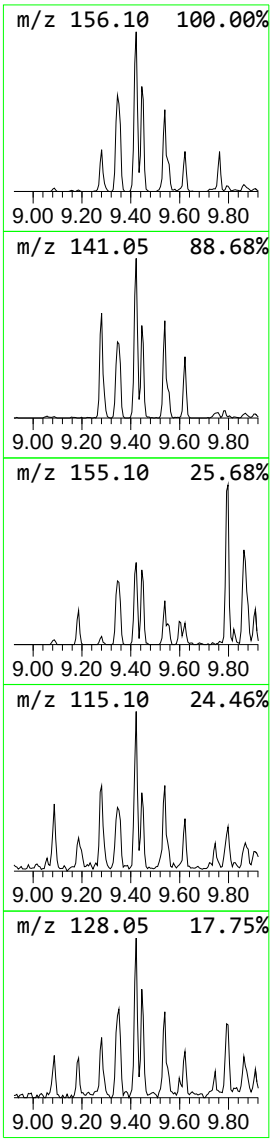
****

Peak Number 1 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	5.83 ng	273268	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
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Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

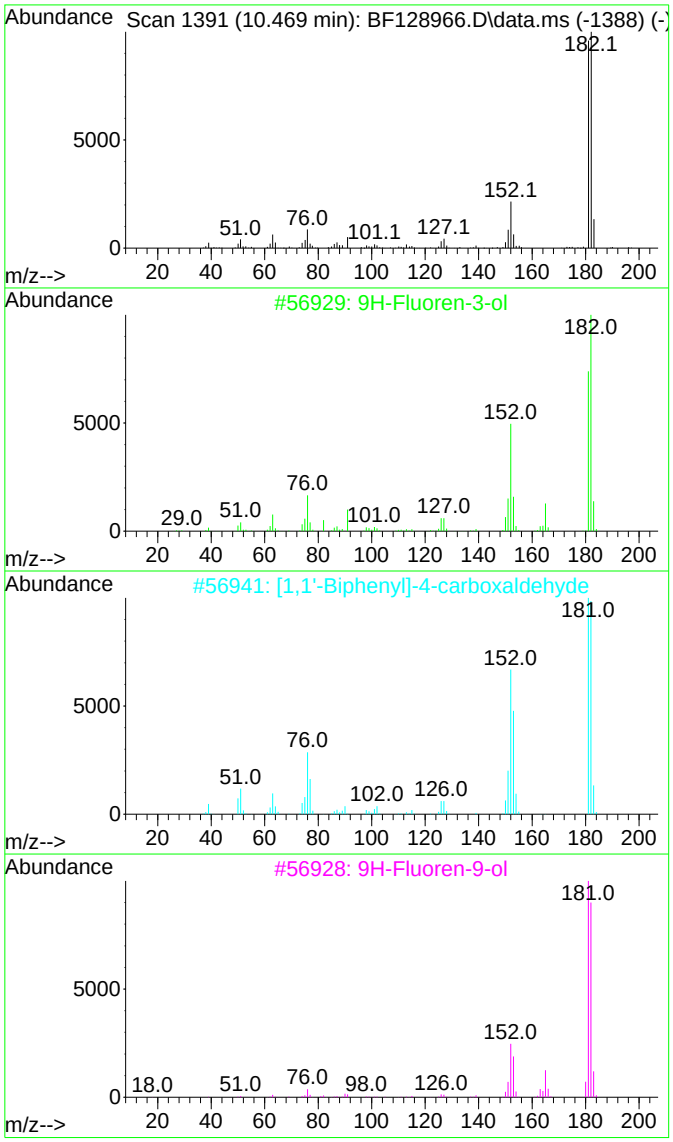
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

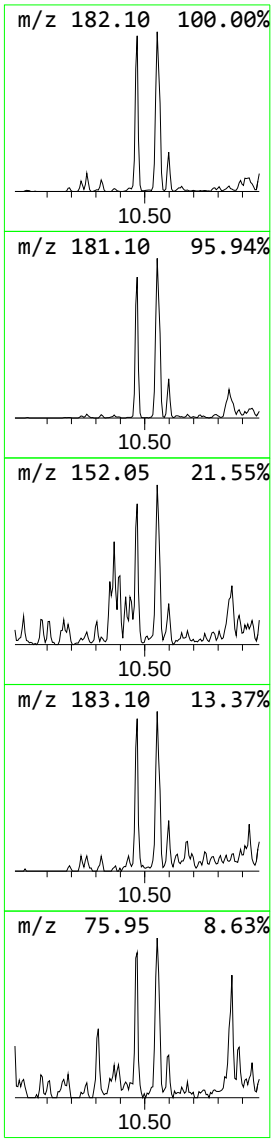
****

Peak Number 2 9H-Fluoren-3-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	6.00 ng	281001	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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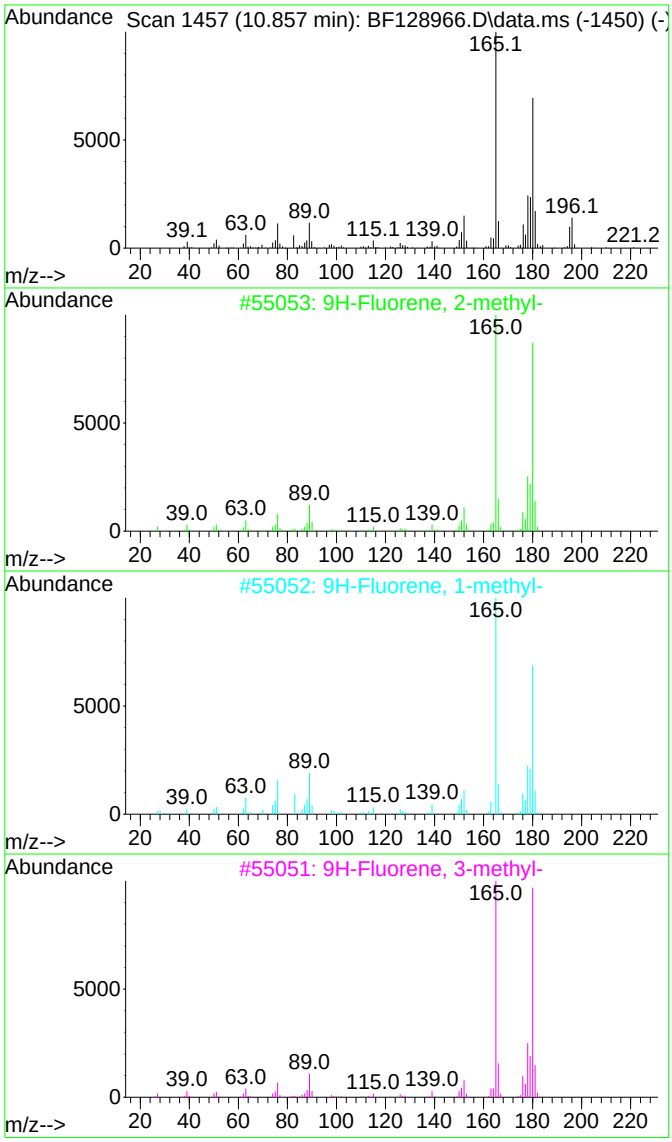
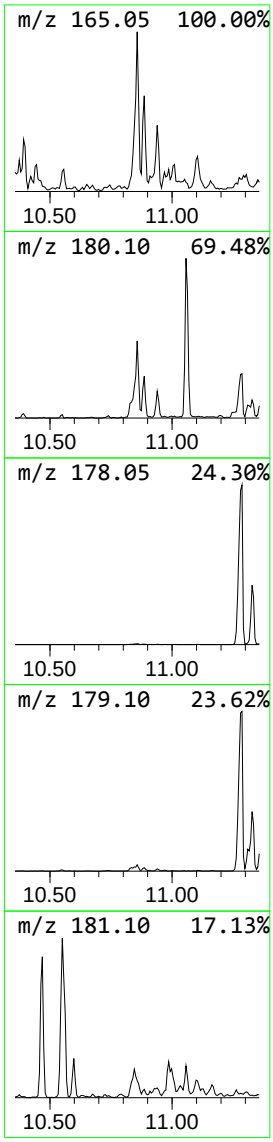
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	6.65 ng	314159	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	78
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

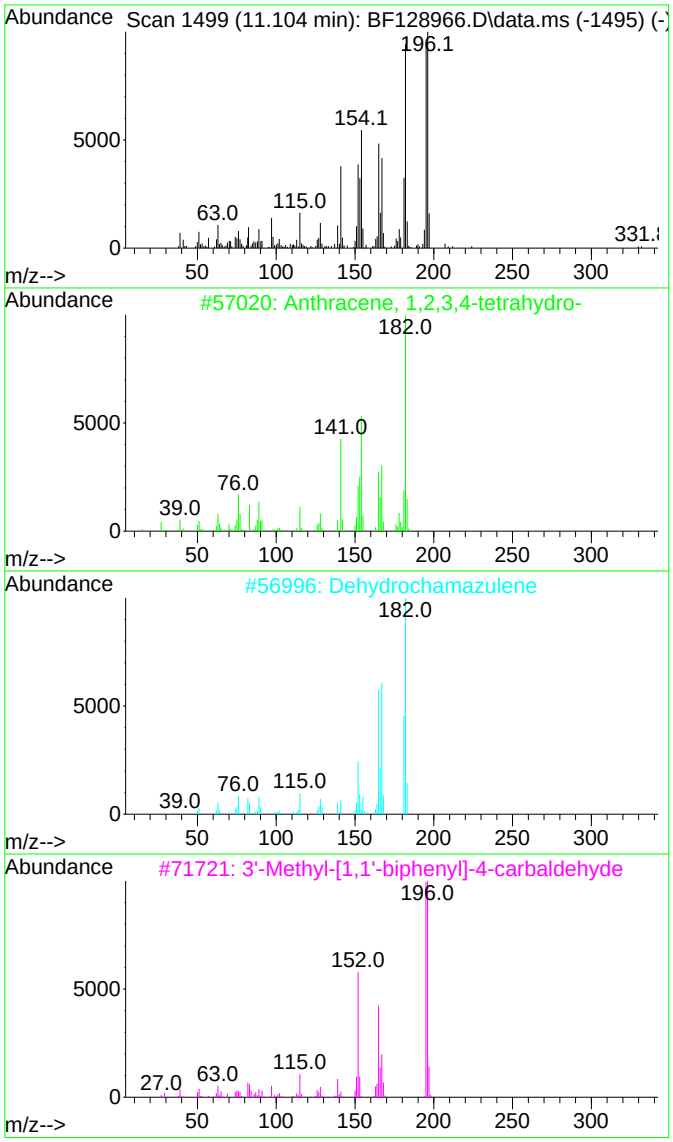
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

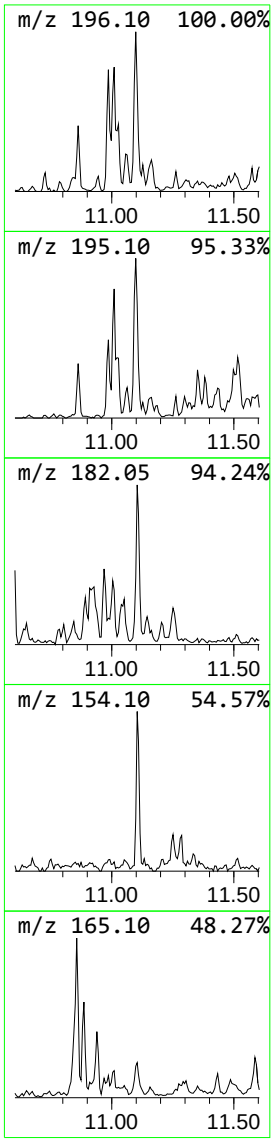
****

Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.104	5.74 ng	271080	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
2	Dehydrochamazulene	182	C14H14	321732-25-6	80
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	60
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	42
5	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

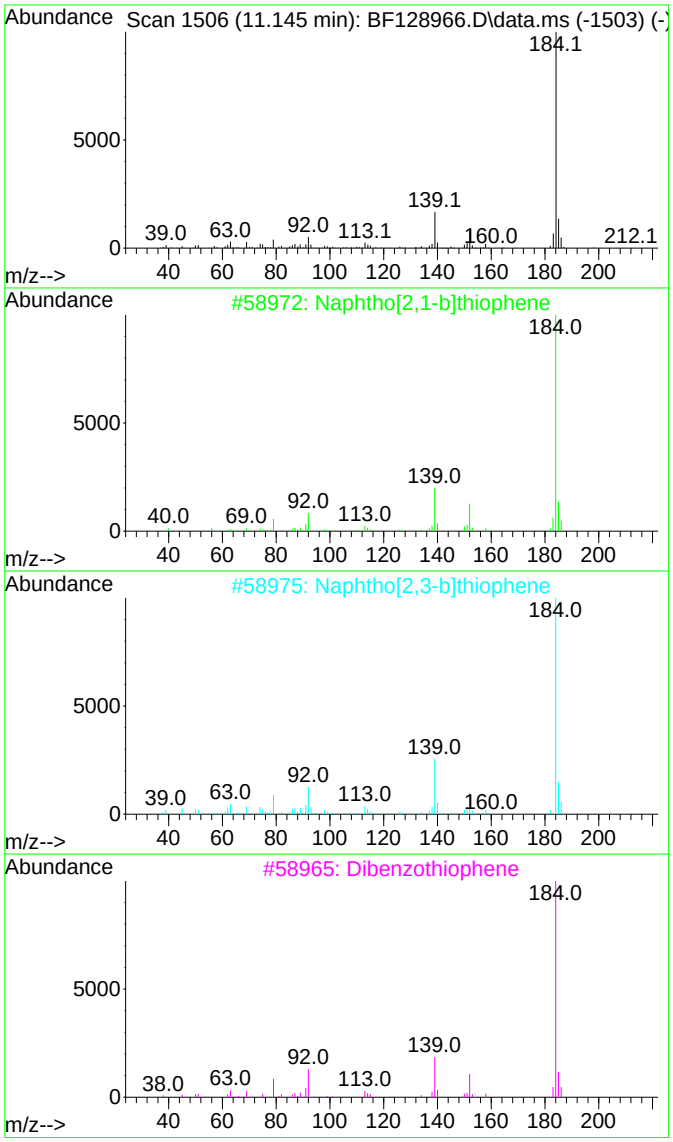
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

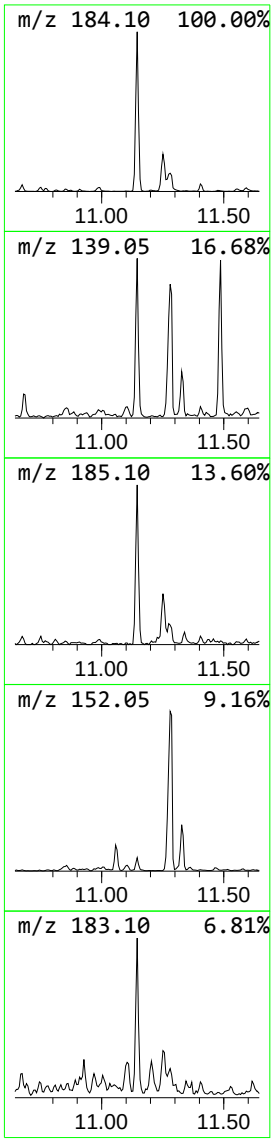
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	9.03 ng	426496	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

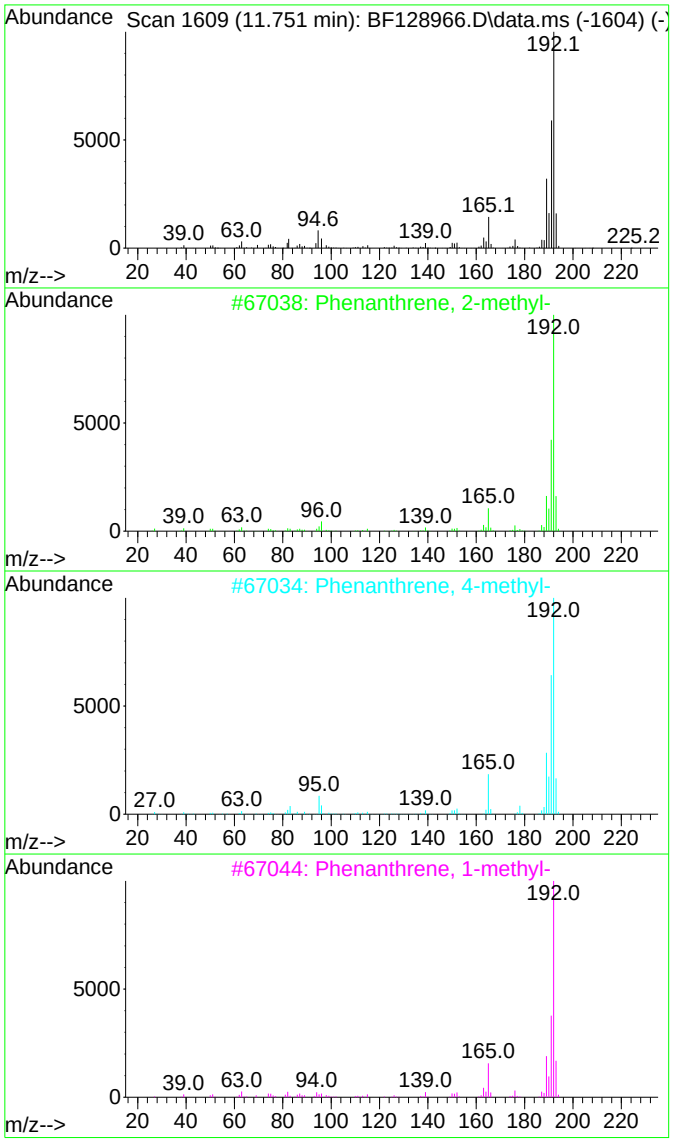
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

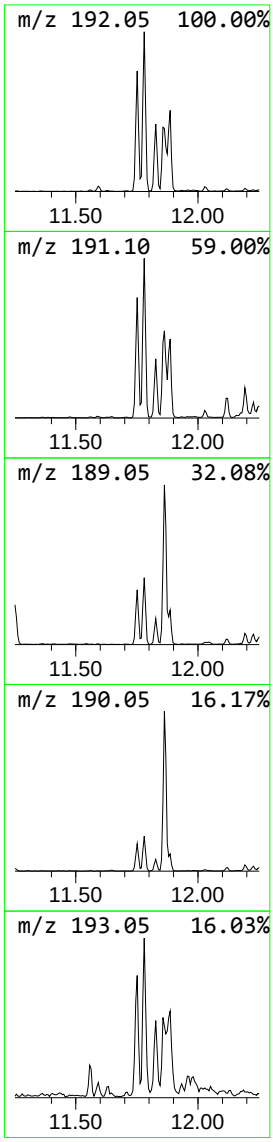
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	13.10 ng	619042	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Instrument :
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ClientSampleId :
QA-QC-COMP-XRDS010-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

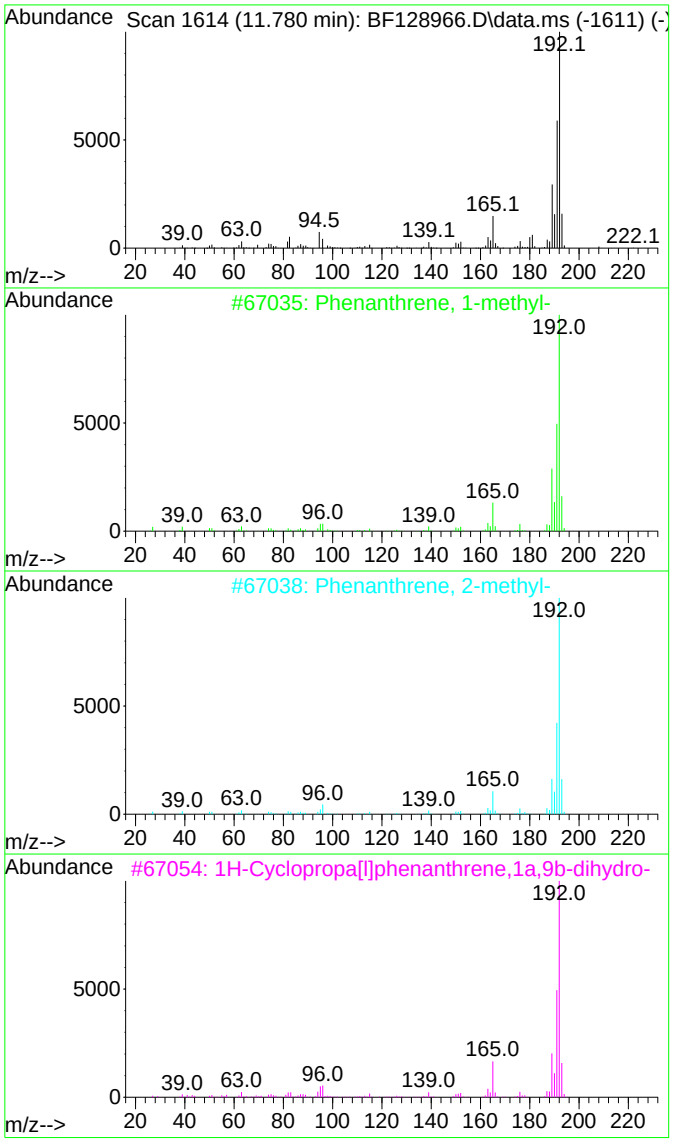
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

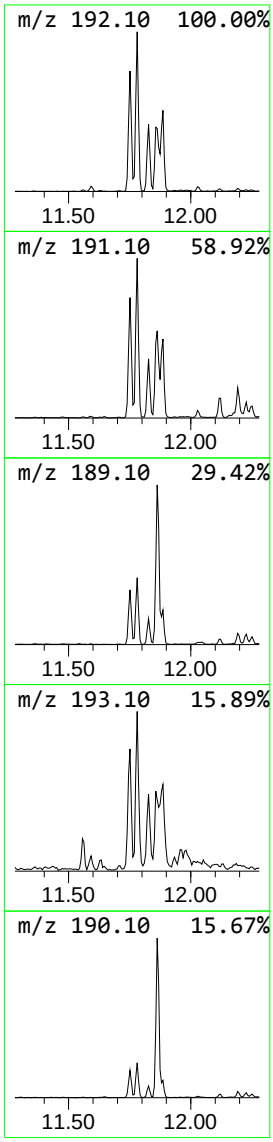
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	16.95 ng	800745	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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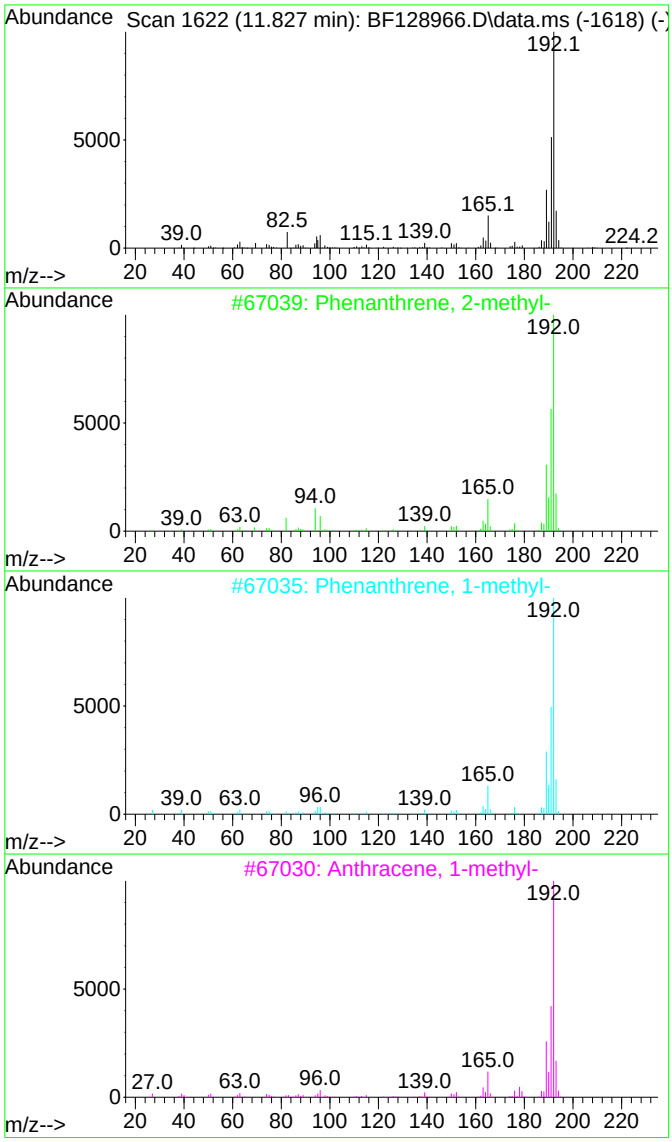
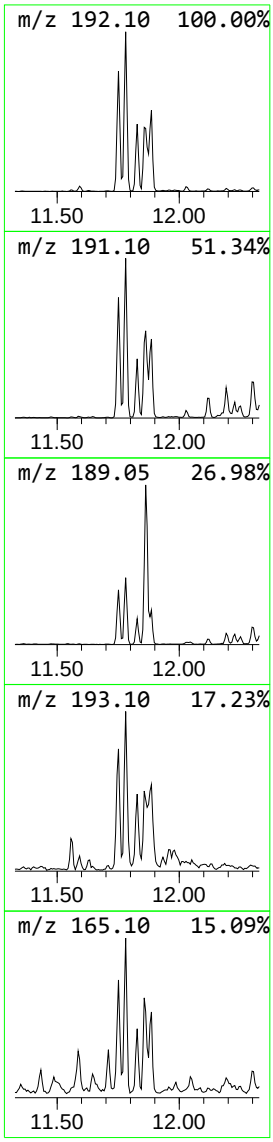
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	7.11 ng	336093	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

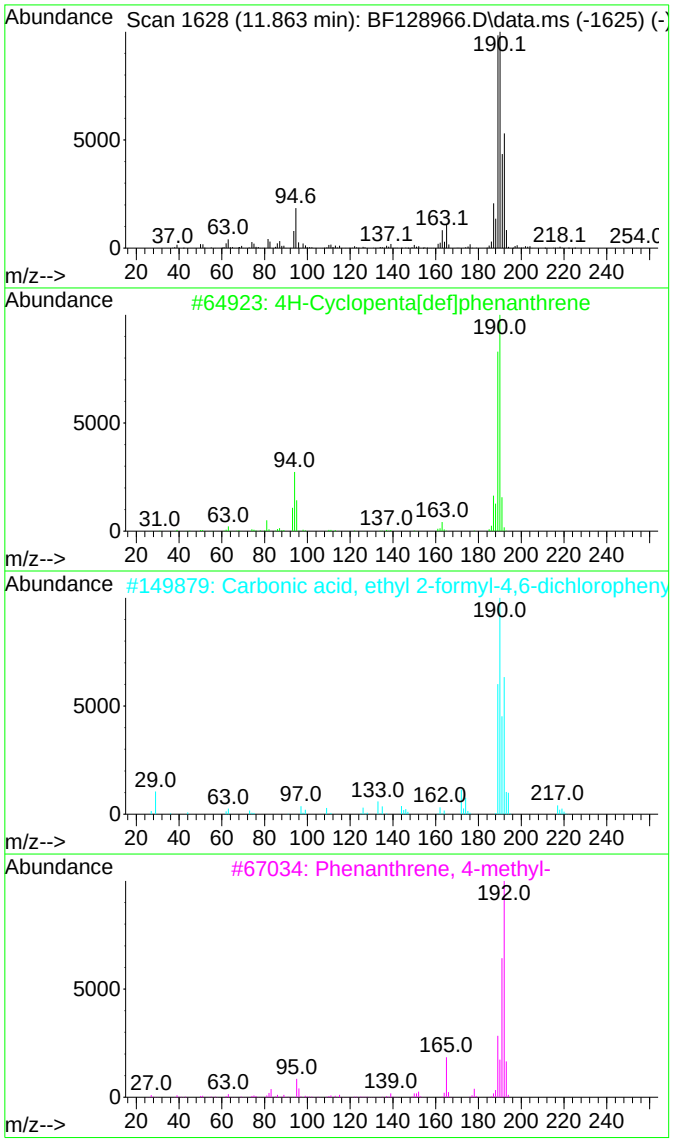
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

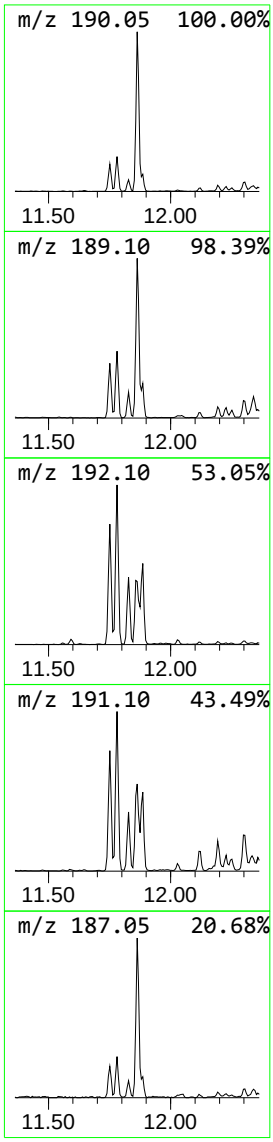
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	19.96 ng	943135	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	18





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Instrument :
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ClientSampleId :
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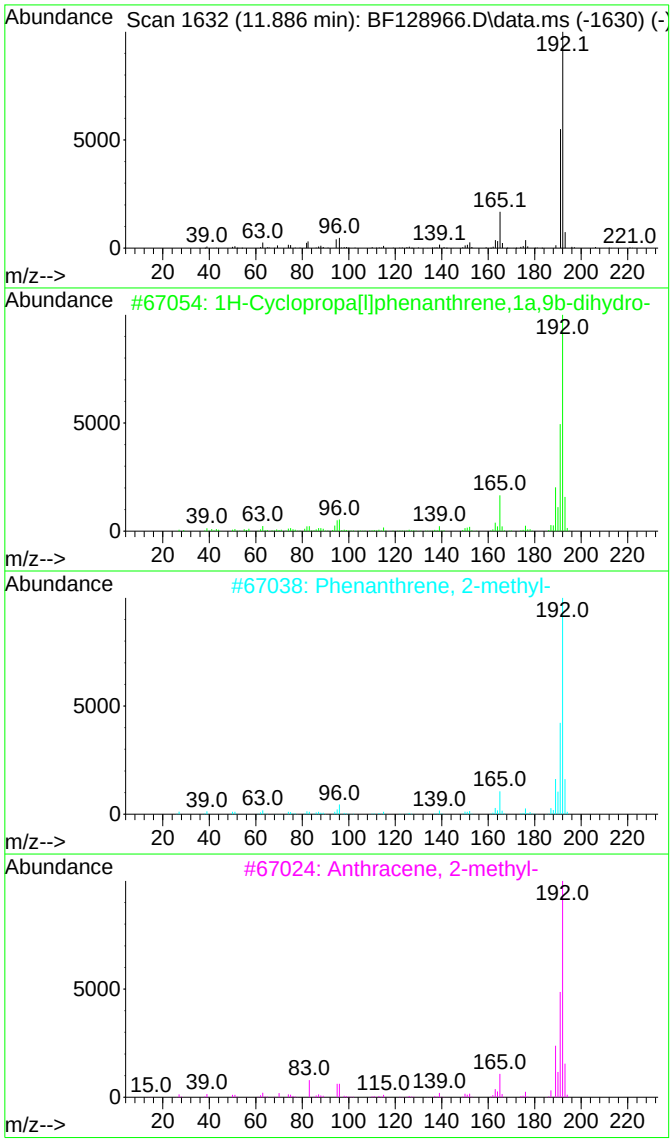
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

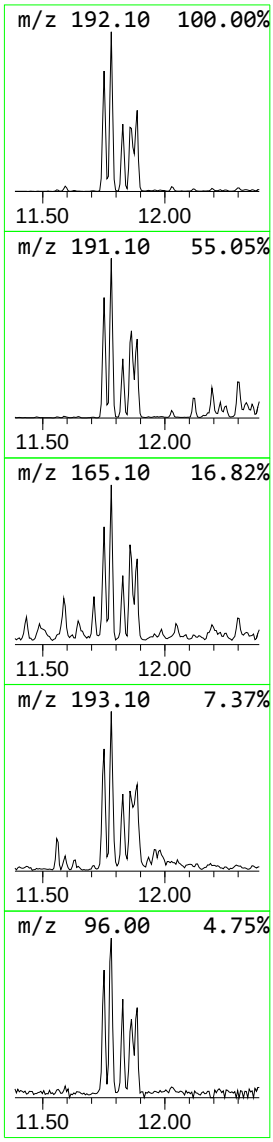
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	7.86 ng	371194	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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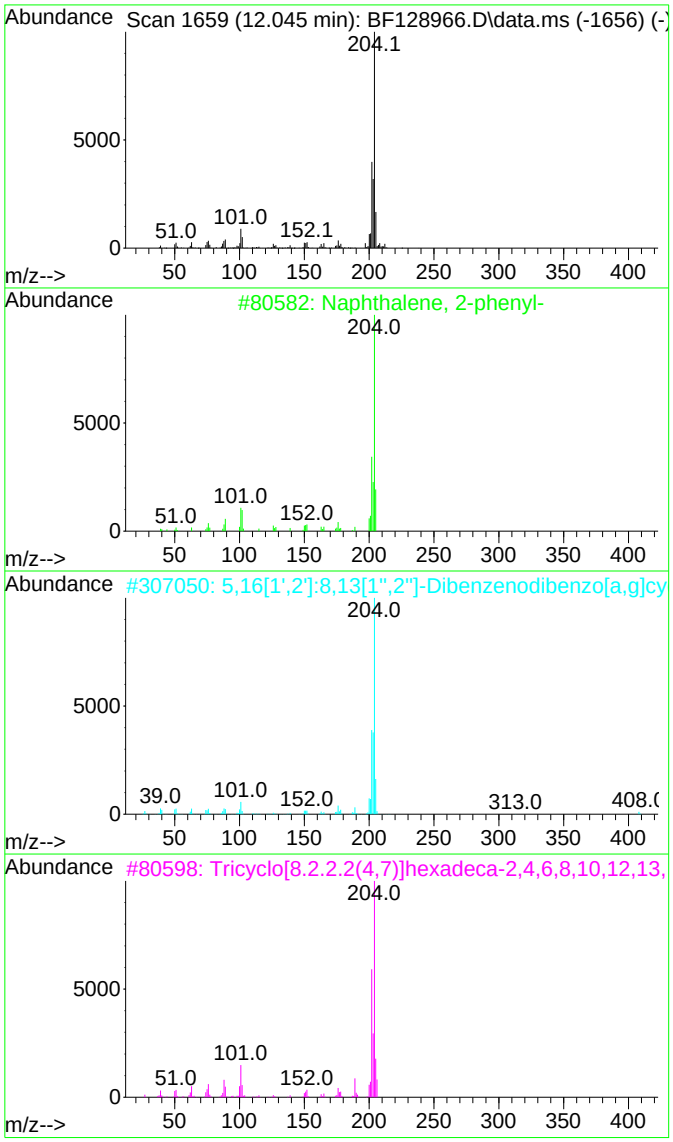
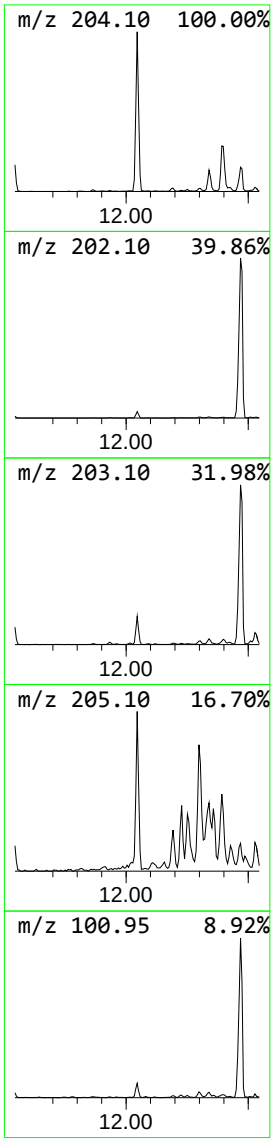
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	7.72 ng	364885	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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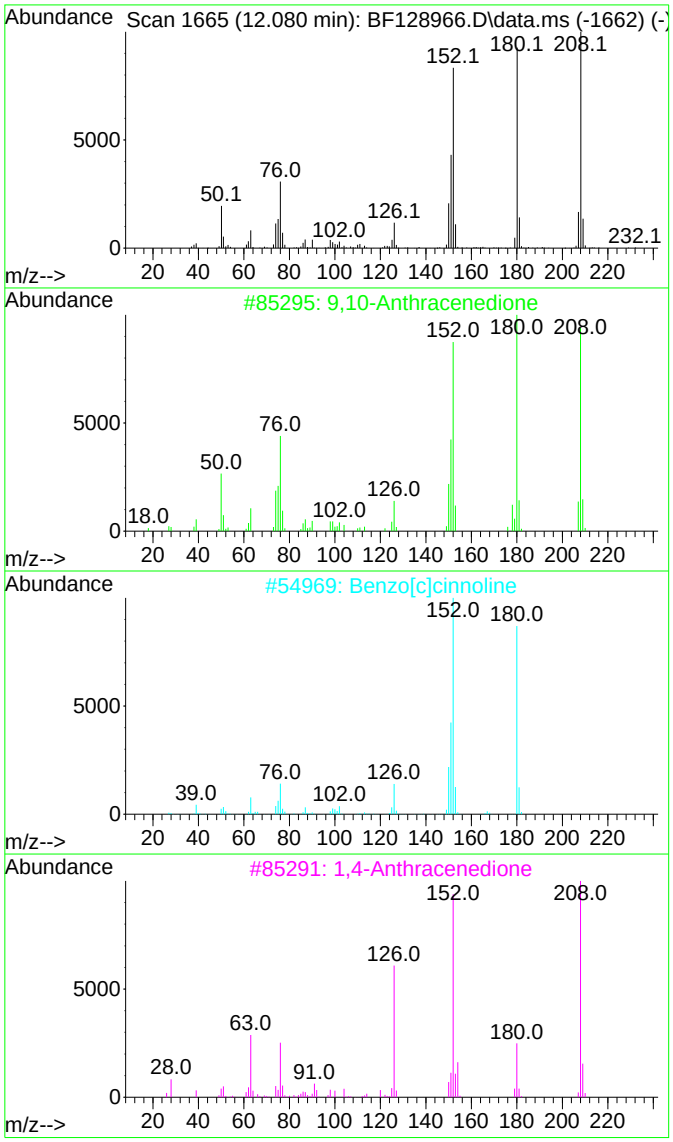
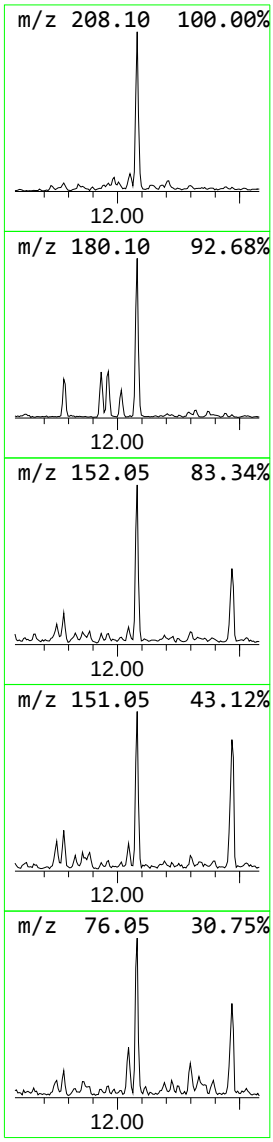
Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	6.23 ng	294145	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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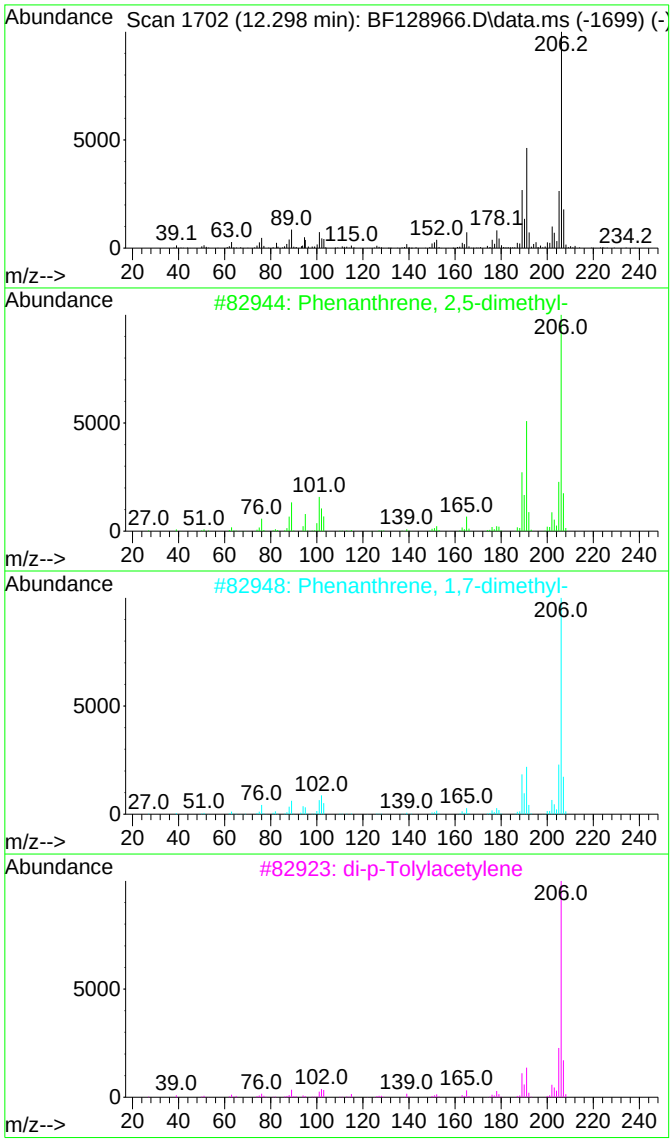
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

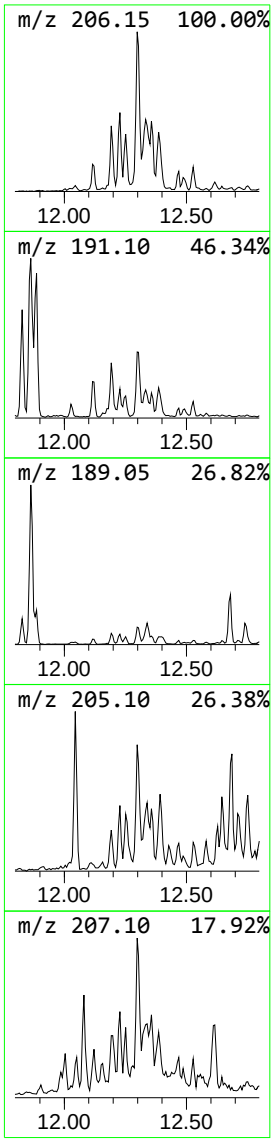
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	6.87 ng	324580	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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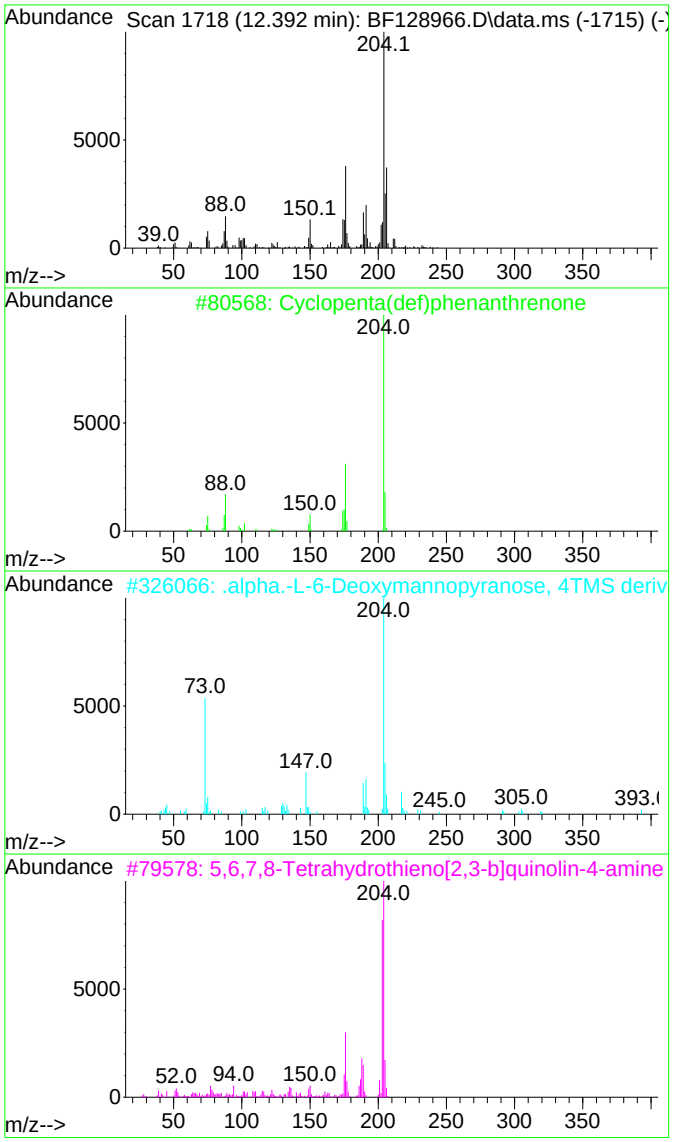
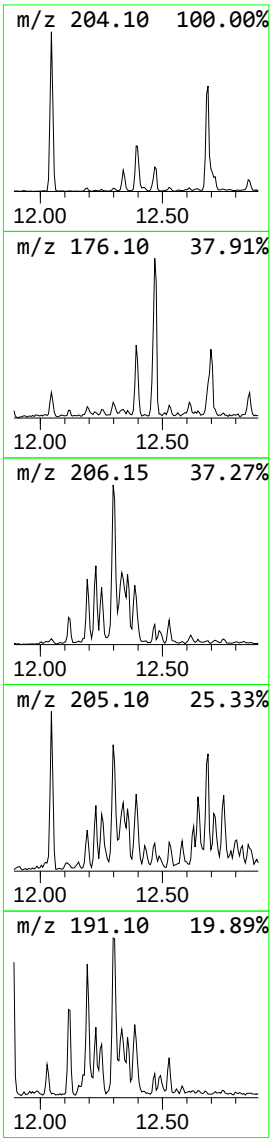
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	5.35 ng	252671	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	.alpha.-L-6-Deoxymannopyranose, ...	452	C18H44O5Si4	055057-21-1	53
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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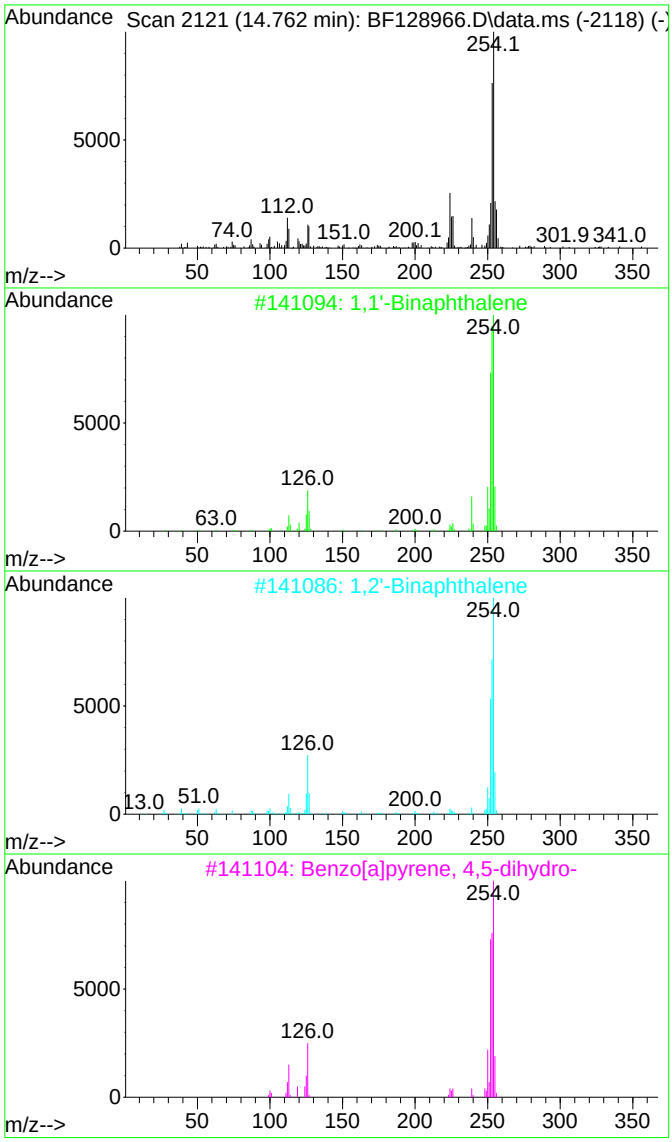
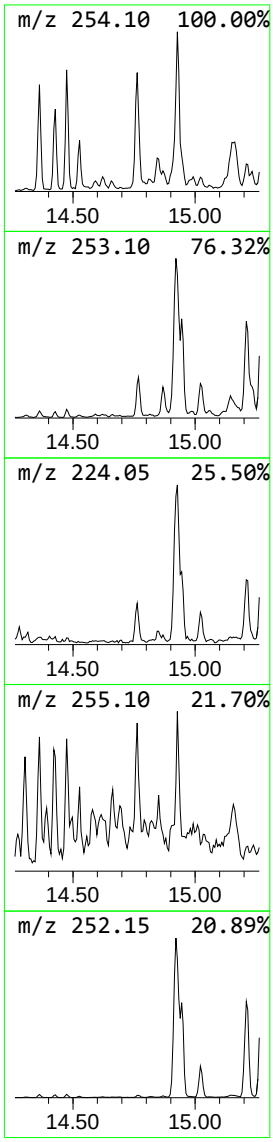
Peak Number 15 1,1'-Binaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	5.55 ng	157585	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
3	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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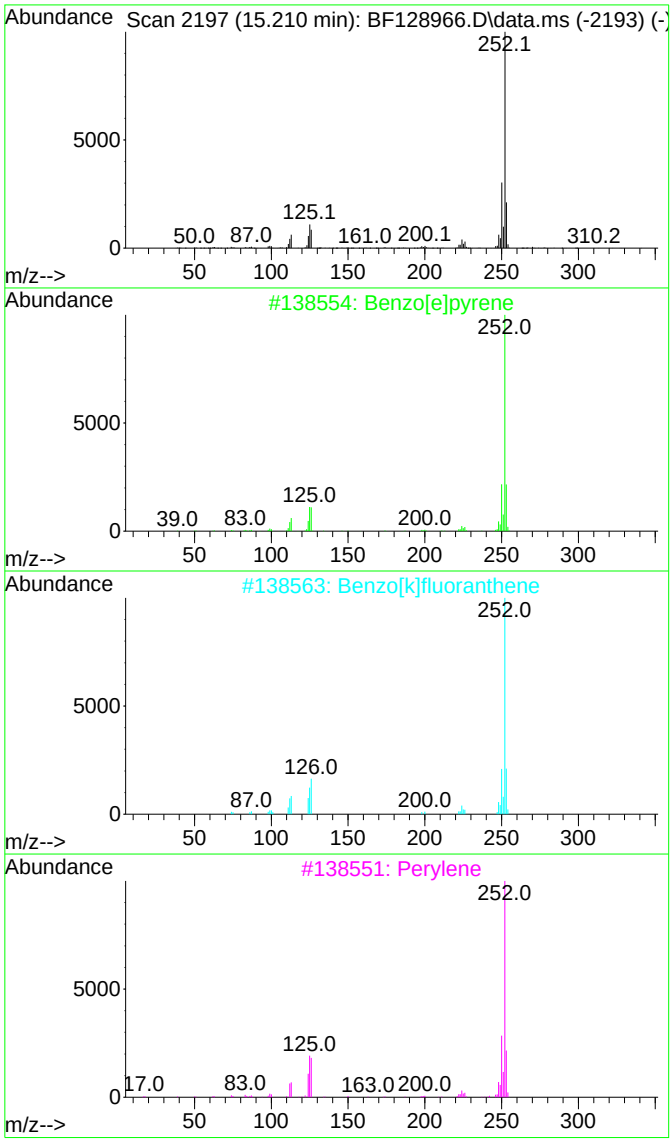
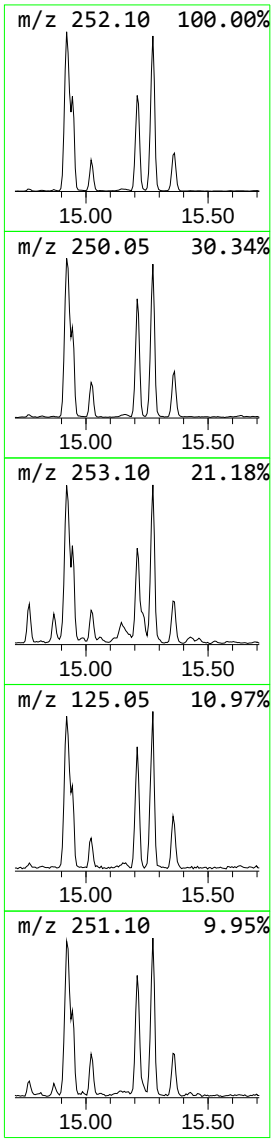
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	31.58 ng	896643	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128966.D
Acq On : 23 Jun 2022 22:04
Operator : CG\JU
Sample : N3466-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS010-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	9.422	5.8	ng	273268	3	9.763	937176	20.0
9H-Fluoren-3-ol	10.469	6.0	ng	281001	3	9.763	937176	20.0
9H-Fluorene, 2-...	10.857	6.7	ng	314159	4	11.251	944833	20.0
Anthracene, 1,2...	11.104	5.7	ng	271080	4	11.251	944833	20.0
Naphtho[2,1-b]t...	11.145	9.0	ng	426496	4	11.251	944833	20.0
Phenanthrene, 2...	11.751	13.1	ng	619042	4	11.251	944833	20.0
Phenanthrene, 1...	11.780	16.9	ng	800745	4	11.251	944833	20.0
Anthracene, 1-m...	11.827	7.1	ng	336093	4	11.251	944833	20.0
4H-Cyclopenta[d...	11.863	20.0	ng	943135	4	11.251	944833	20.0
1H-Cyclopropa[l...	11.886	7.9	ng	371194	4	11.251	944833	20.0
Naphthalene, 2-...	12.045	7.7	ng	364885	4	11.251	944833	20.0
9,10-Anthracene...	12.080	6.2	ng	294145	4	11.251	944833	20.0
Phenanthrene, 2...	12.298	6.9	ng	324580	4	11.251	944833	20.0
Cyclopenta(def)...	12.392	5.3	ng	252671	4	11.251	944833	20.0
1,1'-Binaphthalene	14.762	5.5	ng	157585	6	15.327	567881	20.0
Benzo[e]pyrene	15.210	31.6	ng	896643	6	15.327	567881	20.0