LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	549	553	577	rBV	1799541	2168288	62.33%	4.215%
2	6.363	724	727	755	rBV	2130595	2264519	65.10%	4.402%
3	6.569	760	762	783	rVV	26407	77363	2.22%	0.150%
4	6.710	783	786	797	rVB	703696	635064	18.26%	1.235%
5	7.281	879	883	904	rBV	1594070	1635139	47.01%	3.179%
6	7.998	1001	1005	1007	rBV	850300	832655	23.94%	1.619%
7	8.016	1007	1008	1016	rVB	149963	126855	3.65%	0.247%
8	8.710	1123	1126	1133	rBV	74189	62092	1.79%	0.121%
9	8.810	1139	1143	1146	rBV	63635	60407	1.74%	0.117%
10	9.069	1182	1187	1190	rBV	3087384	2803308	80.59%	5.450%
11	9.339	1227	1233	1237	rBV	36068	52598	1.51%	0.102%
12	9.404	1241	1244	1247	rBV	66598	73552	2.11%	0.143%
13	9.469	1252	1255	1258	rVV	449544	367762	10.57%	0.715%
14	9.522	1261	1264	1269	rVB2	42144	51824	1.49%	0.101%
15	9.745	1294	1302	1305	rBV	1189521	1018386	29.28%	1.980%
16	9.775	1305	1307	1311	rVV	348758	341109	9.81%	0.663%
17	9.851	1315	1320	1324	rVB3	31291	52220	1.50%	0.102%
18	9.904	1324	1329	1331	rBV2	48097	51956	1.49%	0.101%
19	9.951	1331	1337	1341	rVV	197136	194617	5.59%	0.378%
20	9.992	1341	1344	1348	rVB2	51604	51392	1.48%	0.100%
21	10.063	1353	1356	1359	rBV	46487	53481	1.54%	0.104%
22	10.151	1367	1371	1373	rBV2	40083	53662	1.54%	0.104%
23	10.175	1373	1375	1378	rVB	67363	51706	1.49%	0.101%
24	10.292	1391	1395	1401	rBV	279996	272811	7.84%	0.530%
25	10.451	1419	1422	1425	rVB	139427	121525	3.49%	0.236%
26	10.539	1433	1437	1443	rBV	1578759	1474867	42.40%	2.867%
27	10.657	1451	1457	1464	rVB4	78475	163621	4.70%	0.318%
28	10.839	1481	1488	1491	rBV3	93866	161664	4.65%	0.314%
29	10.969	1505	1510	1512	rBV2	108664	136826	3.93%	0.266%
30	10.992	1512	1514	1516	rVV	111151	99986	2.87%	0.194%
31	11.045	1520	1523	1526	rVV	175525	170812	4.91%	0.332%
32	11.086	1526	1530	1533	rVV3	151524	210169	6.04%	0.409%
33	11.128	1533	1537	1543	rVB	231124	232867	6.69%	0.453%
34	11.233	1551	1555	1557	rBV	1146324	1134259	32.61%	2.205%
35	11.263	1557	1560	1563	rVV	3089670	2762896	79.43%	5.371%
36	11.310	1563	1568	1571	rVV	790109	722897	20.78%	1.405%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.351	1571	1575	1580	rVB2	77925	124619	3.58%	0.242%
38	11.469	1590	1595	1601	rBV2	312742	445745	12.81%	0.867%
39	11.522	1601	1604	1606	rVB2	146478	130348	3.75%	0.253%
40	11.616	1617	1620	1622	rBV2	97596	85304	2.45%	0.166%
41	11.639	1622	1624	1630	rVB4	42536	56351	1.62%	0.110%
42	11.733	1637	1640	1642	rBV	438888	347605	9.99%	0.676%
43	11.763	1642	1645	1650	rVV2	740524	917957	26.39%	1.785%
44	11.810	1650	1653	1656	rVV	291790	264239	7.60%	0.514%
45	11.845	1656	1659	1661	rVV	610879	609203	17.51%	1.184%
46	11.869	1661	1663	1669	rVB	356325	299896	8.62%	0.583%
47	11.922	1669	1672	1675	rBV3	102722	127462	3.66%	0.248%
48	12.004	1684	1686	1688	rBV2	73170	70229	2.02%	0.137%
49	12.027	1688	1690	1693	rVB	337864	269876	7.76%	0.525%
50	12.069	1693	1697	1700	rBV	226218	228409	6.57%	0.444%
51	12.175	1710	1715	1719	rBV3	172560	277611	7.98%	0.540%
52	12.210	1719	1721	1723	rVB	92125	61809	1.78%	0.120%
53	12.239	1723	1726	1730	rVB3	65133	77024	2.21%	0.150%
54	12.280	1730	1733	1736	rBV	196280	212237	6.10%	0.413%
55	12.322	1736	1740	1742	rVV2	131611	195494	5.62%	0.380%
56	12.345	1742	1744	1746	rVV2	119339	96590	2.78%	0.188%
57	12.380	1746	1750	1753	rVB2	193889	209800	6.03%	0.408%
58	12.457	1758	1763	1766	rBV	3130496	3362175	96.66%	6.536%
59	12.516	1770	1773	1775	rBV2	75672	70119	2.02%	0.136%
60	12.557	1775	1780	1784	rBV2	524445	559159	16.07%	1.087%
61	12.598	1784	1787	1790	rVB	250854	242496	6.97%	0.471%
62	12.680	1795	1801	1805	rBV2	2714153	3478446	100.00%	6.762%
63	12.727	1806	1809	1814	rVB2	191507	234978	6.76%	0.457%
64	12.822	1816	1825	1827	rBV	2755416	2990896	85.98%	5.814%
65	12.845	1827	1829	1833	rVB	140068	142186	4.09%	0.276%
66	12.892	1833	1837	1841	rBV2	211298	354566	10.19%	0.689%
67	12.927	1841	1843	1845	rVV2	153638	136510	3.92%	0.265%
68	12.951	1845	1847	1849	rVB	298534	212030	6.10%	0.412%
69	12.980	1849	1852	1854	rBV3	152994	191000	5.49%	0.371%
70	13.004	1854	1856	1860	rVB	365806	333655	9.59%	0.649%
71	13.045	1860	1863	1865	rBV4	85366	83713	2.41%	0.163%
72	13.069	1865	1867	1869	rBV	155295	138510	3.98%	0.269%
73	13.098	1869	1872	1881	rVB4	379148	627990	18.05%	1.221%
74	13.163	1881	1883	1886	rVB3	91502	87131	2.50%	0.169%
75	13.204	1887	1890	1892	rBV	216082	189502	5.45%	0.368%
76	13.233	1892	1895	1898	rBV3	203202	216210	6.22%	0.420%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.522	1941	1944	1950	rVB	242844	232413	6.68%	0.452%
78	13.627	1959	1962	1964	rBV2	207598	195795	5.63%	0.381%
79	13.651	1964	1966	1968	rVV	235379	187276	5.38%	0.364%
80	13.680	1968	1971	1972	rVV	172070	169403	4.87%	0.329%
81	13.733	1975	1980	1986	rVB2	420146	636786	18.31%	1.238%
82	13.869	1997	2003	2007	rBV2	1503946	2400685	69.02%	4.667%
83	13.904	2007	2009	2012	rVB	1243775	1048371	30.14%	2.038%
84	13.980	2020	2022	2026	rVB	195342	171392	4.93%	0.333%
85	14.263	2068	2070	2073	rVB	233478	198508	5.71%	0.386%
86	14.298	2074	2076	2078	rVB	97692	69237	1.99%	0.135%
87	14.586	2123	2125	2131	rBV2	114730	150587	4.33%	0.293%
88	14.751	2151	2153	2159	rBV	119110	128823	3.70%	0.250%
89	14.904	2175	2179	2182	rBV	937041	1393474	40.06%	2.709%
90	15.004	2193	2196	2200	rVB	196594	203983	5.86%	0.397%
91	15.192	2224	2228	2234	rVB	585052	706357	20.31%	1.373%
92	15.251	2234	2238	2244	rVV	821105	962292	27.66%	1.871%
93	15.310	2244	2248	2251	rVV	526676	638268	18.35%	1.241%
94	15.339	2251	2253	2260	rVB2	252917	300566	8.64%	0.584%
95	16.562	2458	2461	2466	rVB	57969	81669	2.35%	0.159%
96	16.710	2480	2486	2494	rVB	427777	835592	24.02%	1.624%
97	16.874	2509	2514	2518	rBV	104559	192580	5.54%	0.374%
98	16.927	2520	2523	2529	rVB2	81840	151178	4.35%	0.294%
99	17.133	2553	2558	2568	rVB	348921	685049	19.69%	1.332%
100	17.374	2595	2599	2607	rVB	93076	194247	5.58%	0.378%

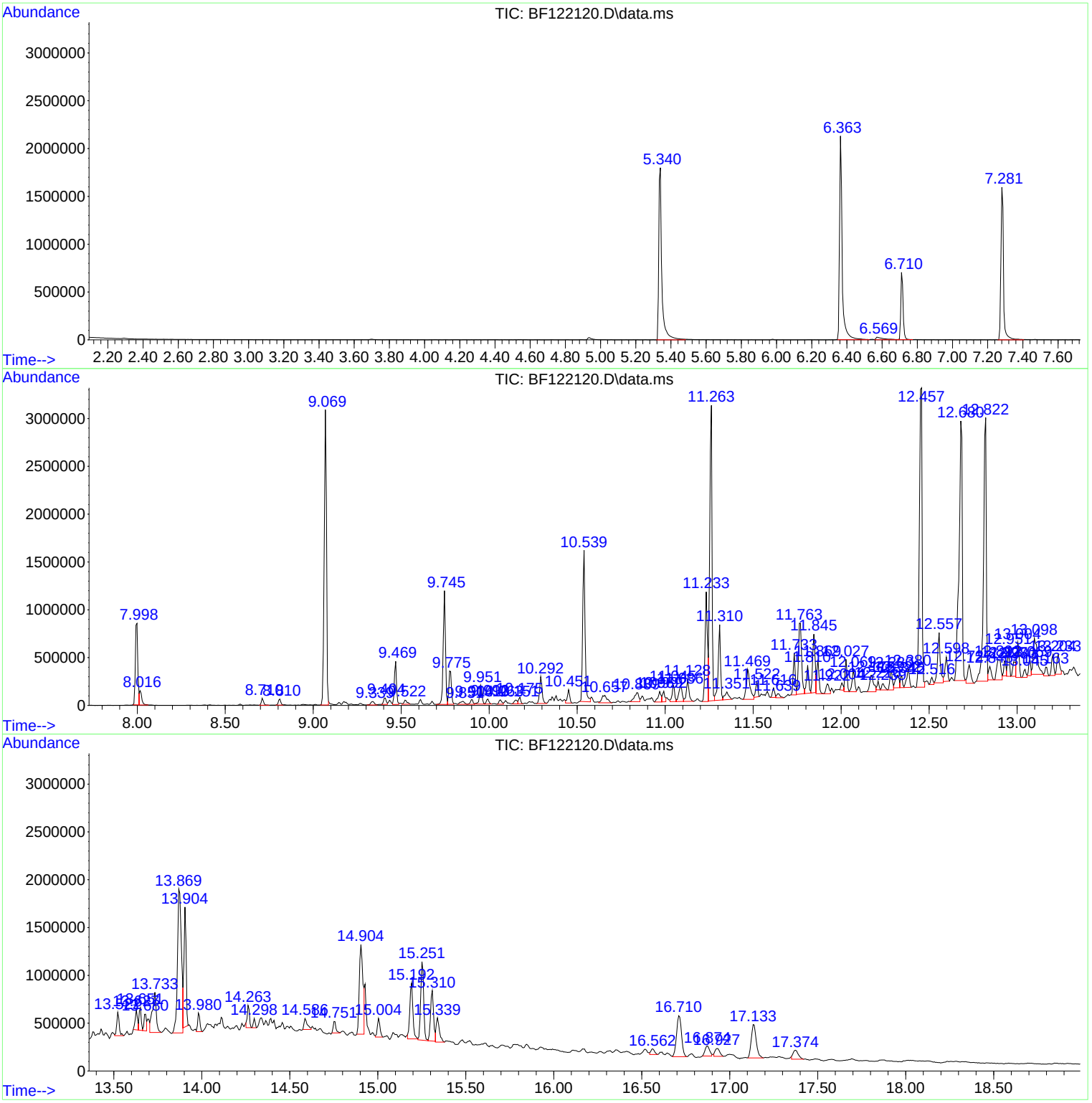
Sum of corrected areas: 51438766

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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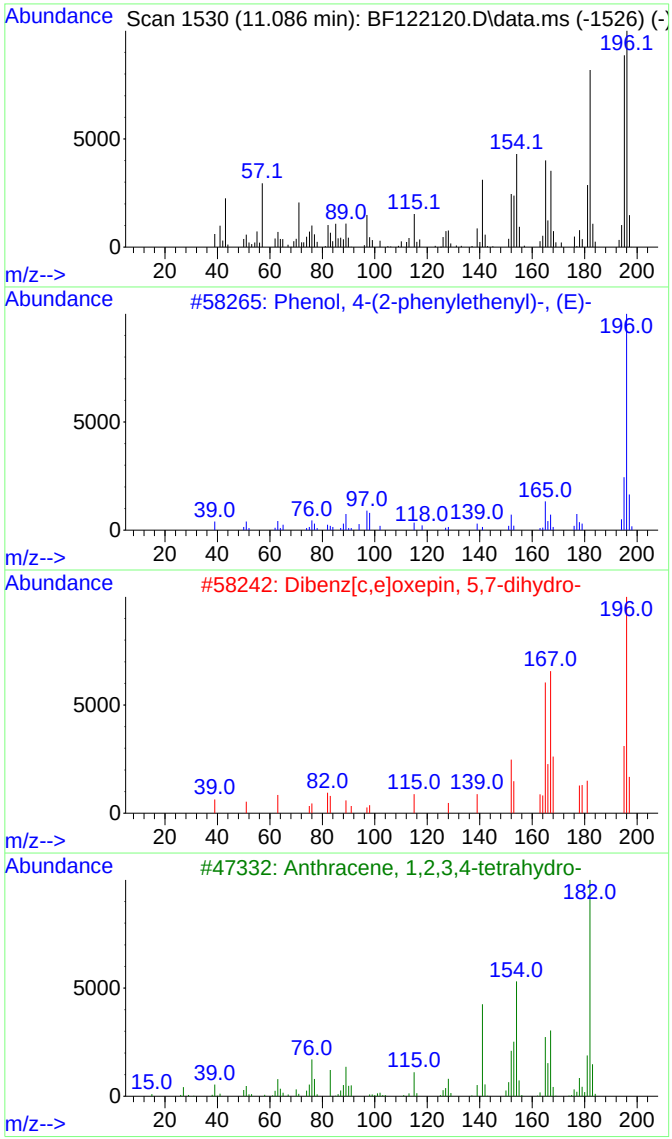
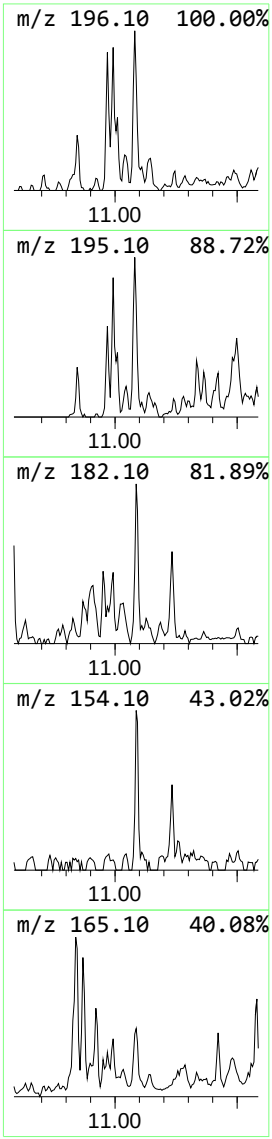
Peak Number 1 unknown11.08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.71 ng	210169	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
2	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	42
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	41
5	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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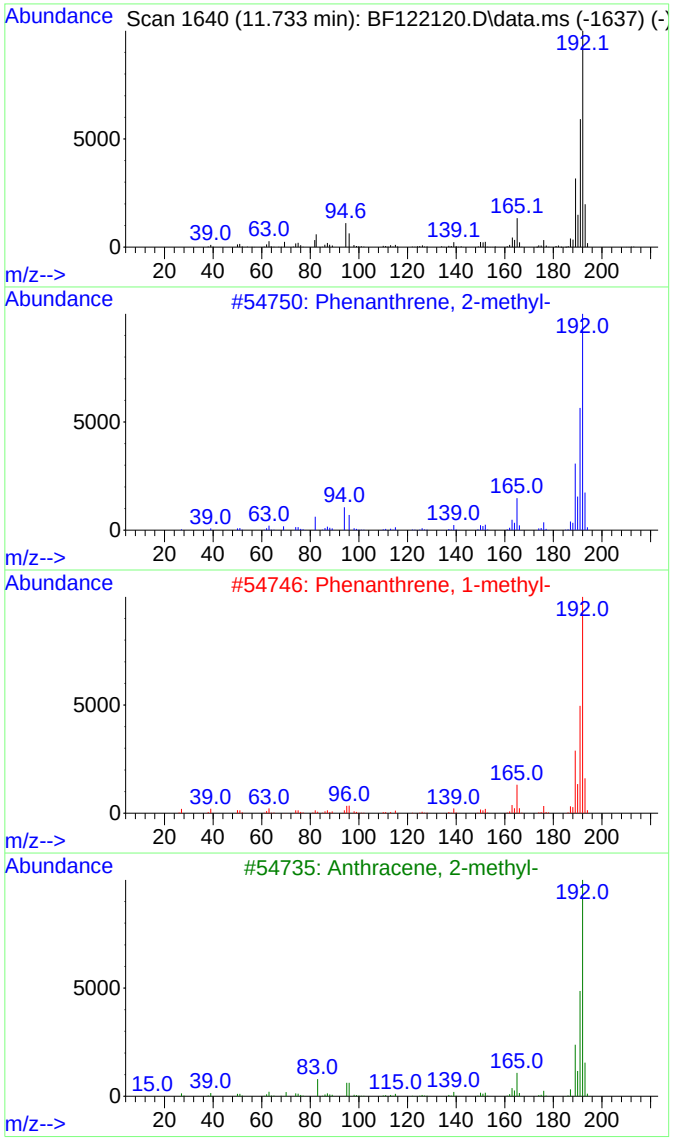
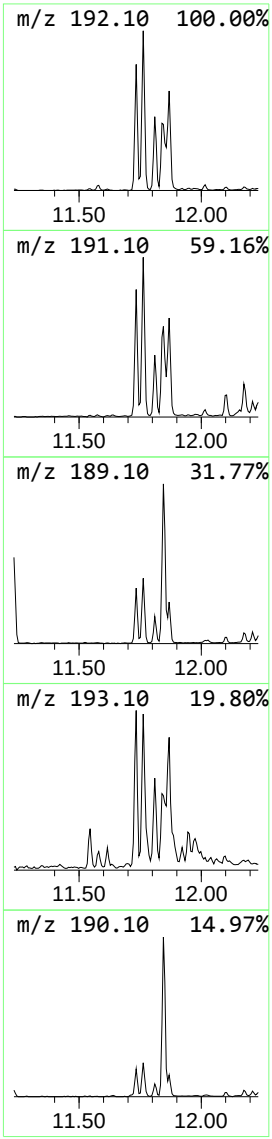
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	6.13 ng	347605	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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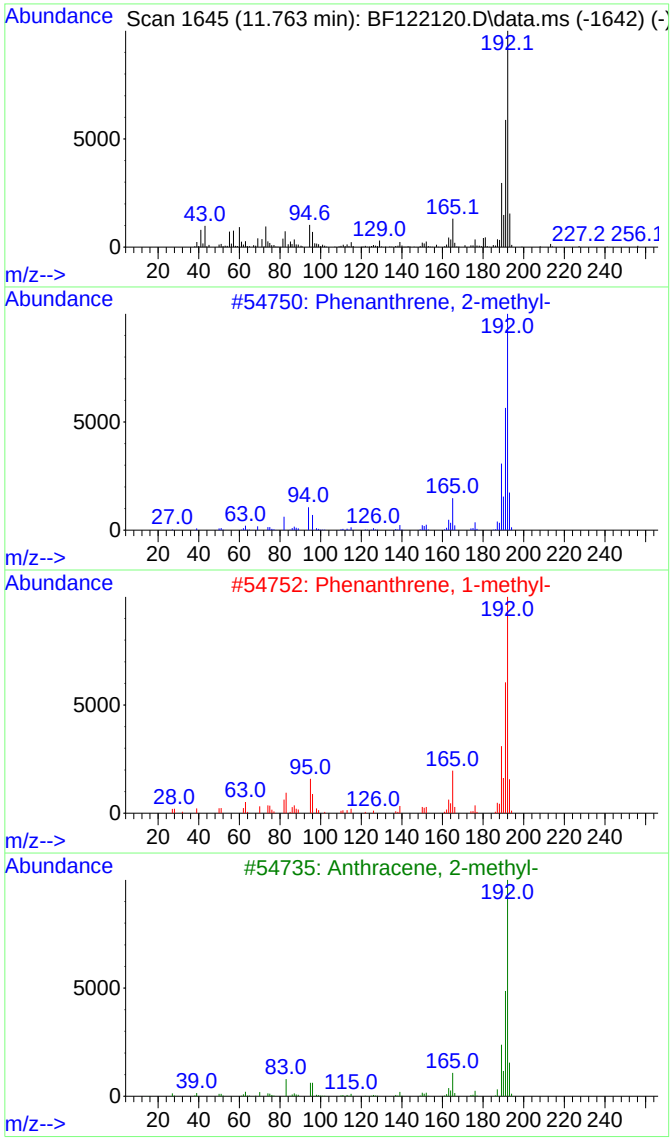
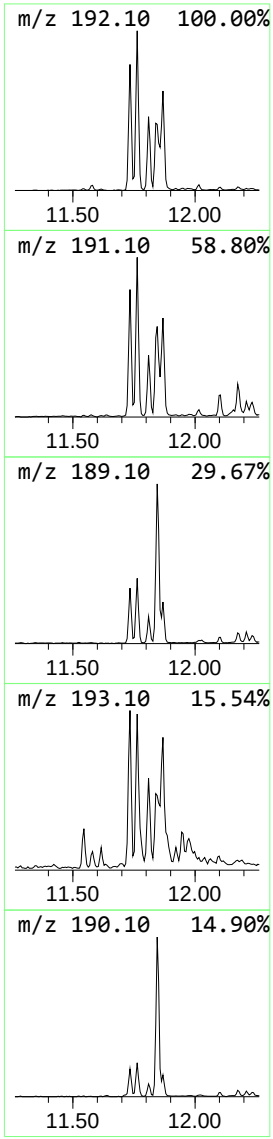
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	16.19 ng	917957	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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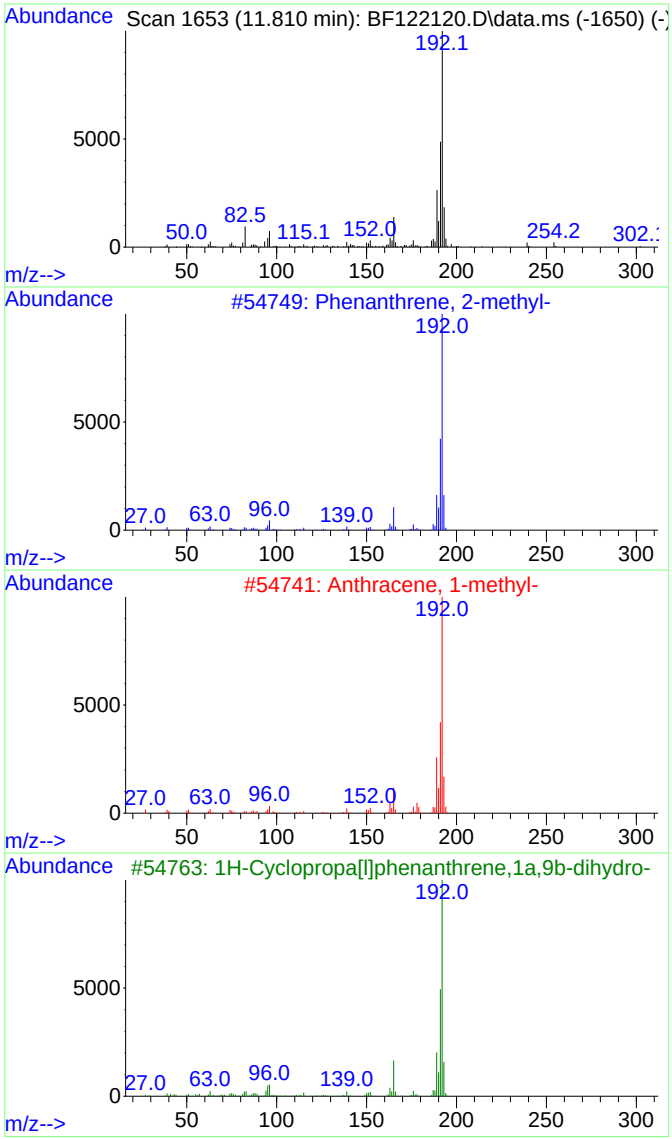
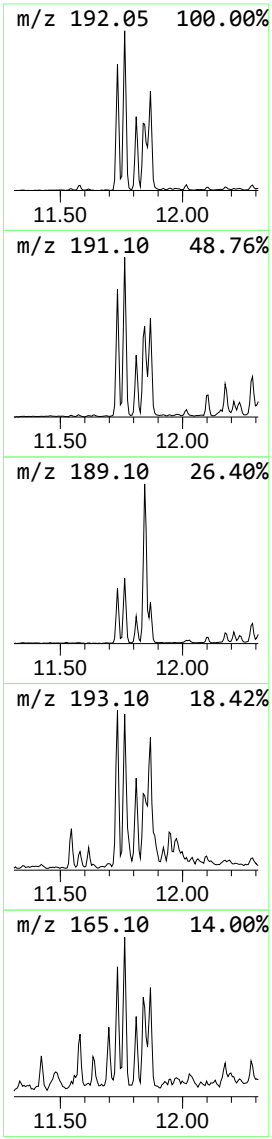
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	4.66 ng	264239	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EH

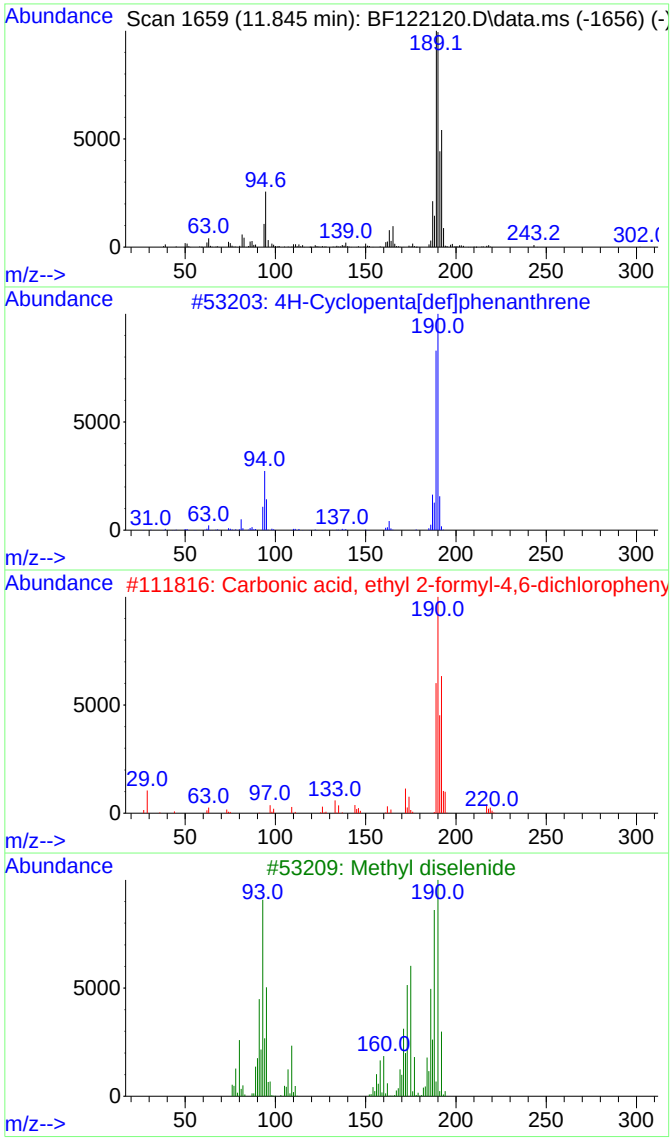
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

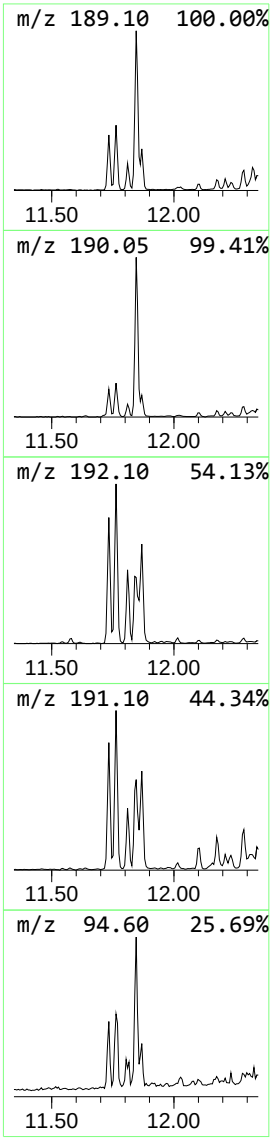
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	10.74 ng	609203	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25





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Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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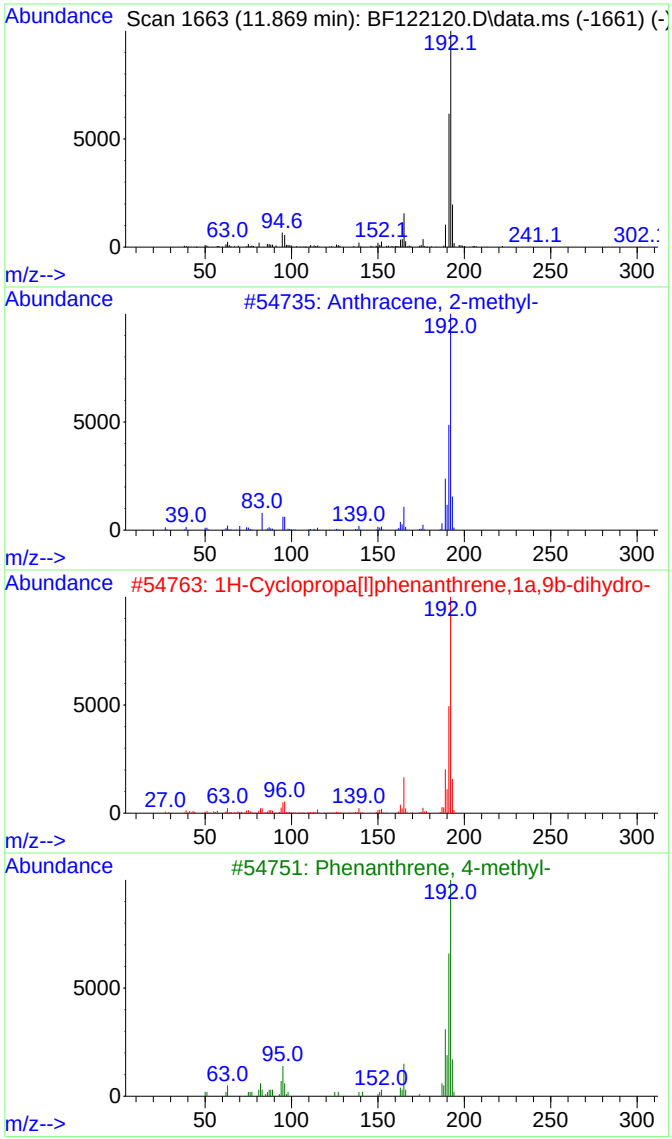
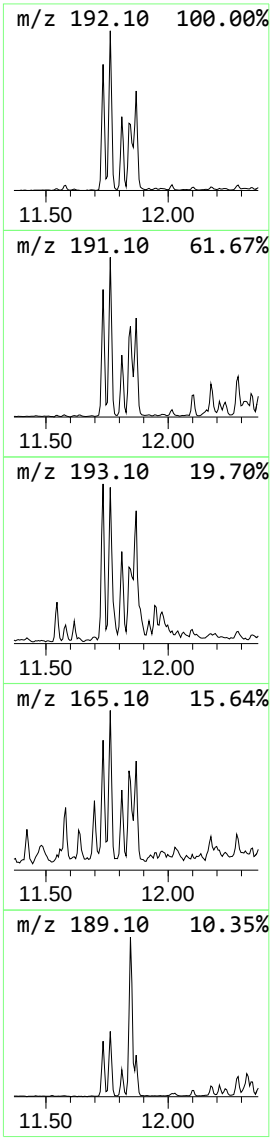
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	5.29 ng	299896	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : L4494-01
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ALS Vial : 6 Sample Multiplier: 1

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BNA_F
ClientSampleId :
AB-EH

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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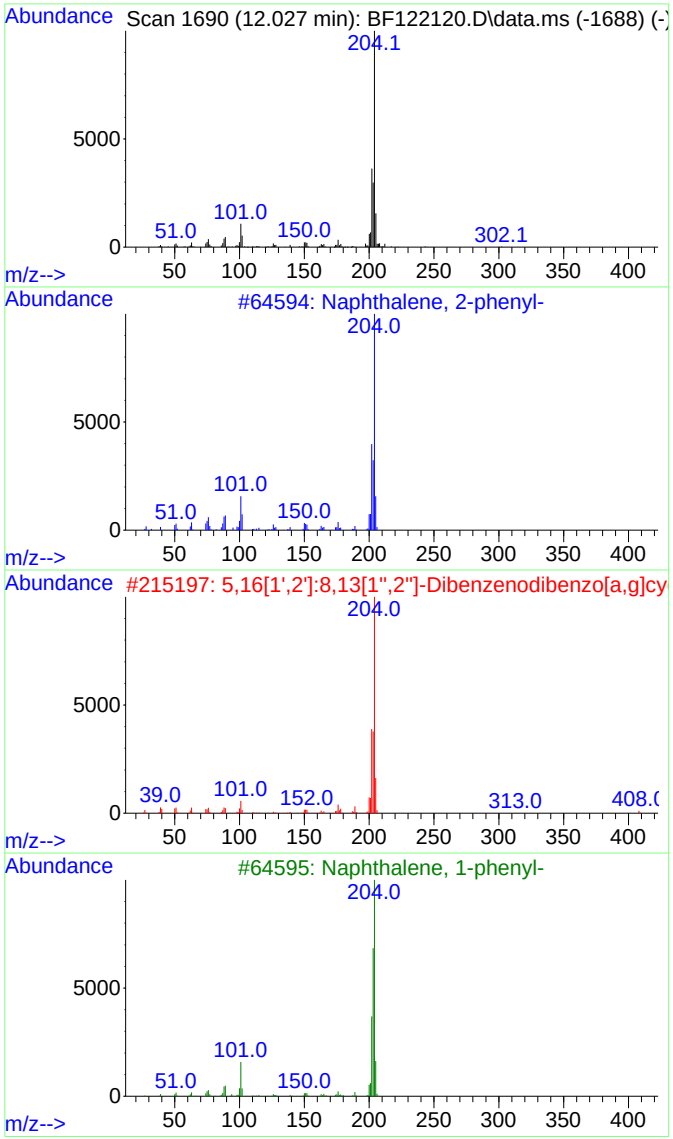
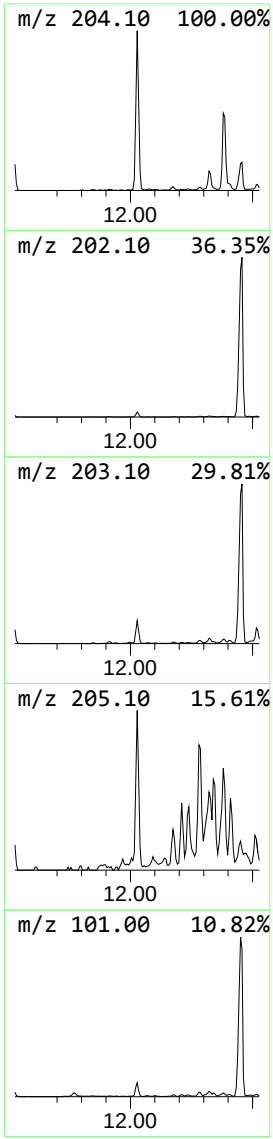
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	4.76 ng	269876	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58





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Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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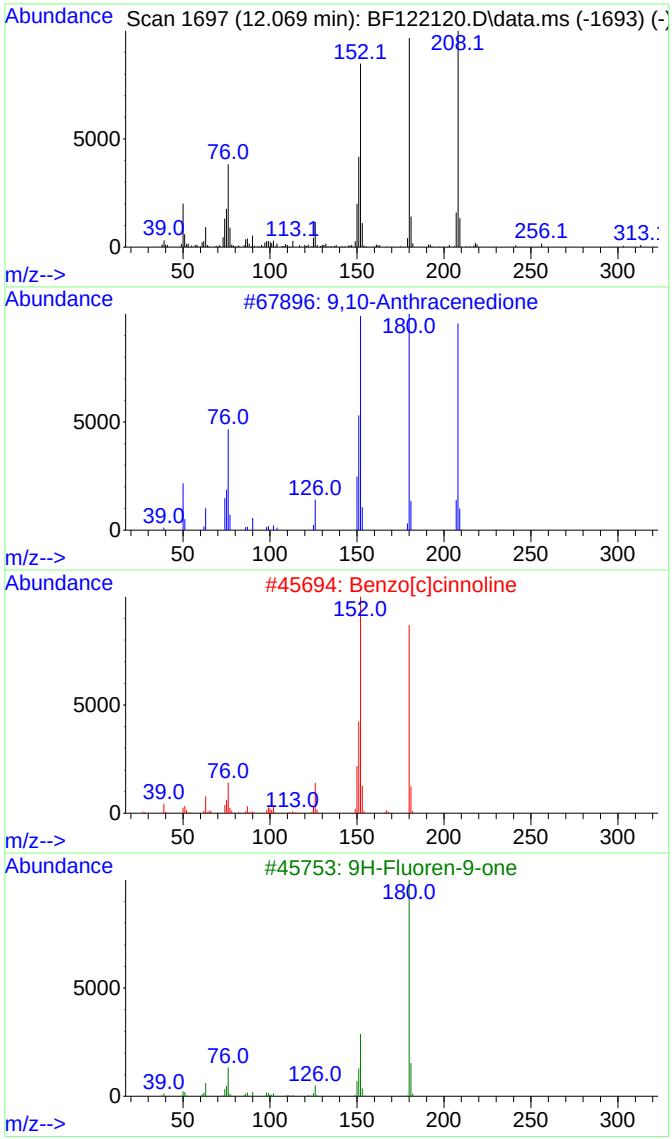
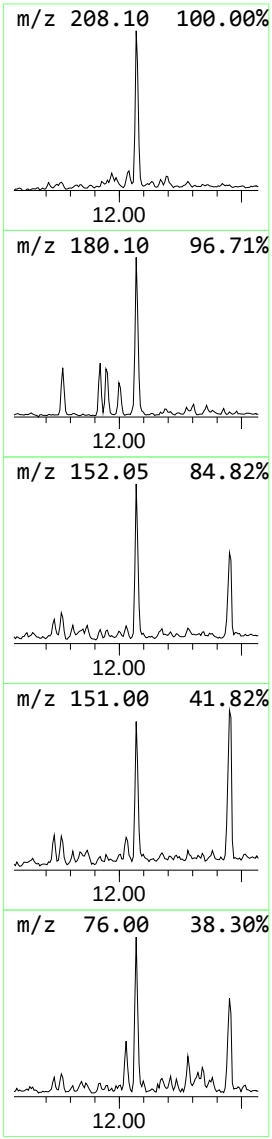
Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	4.03 ng	228409	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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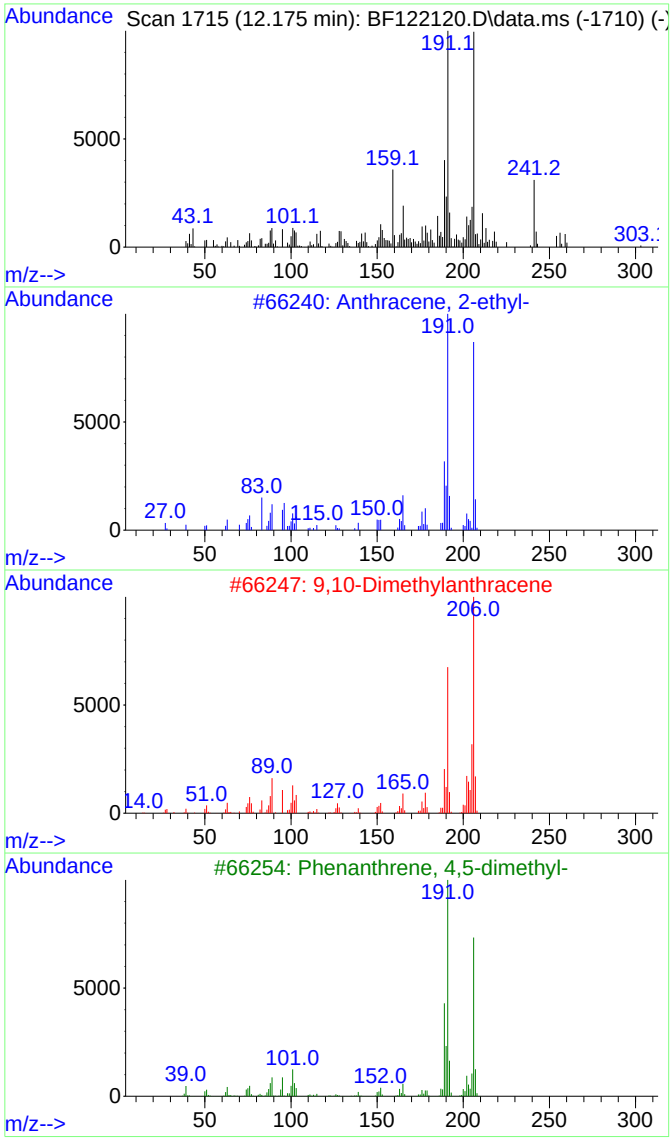
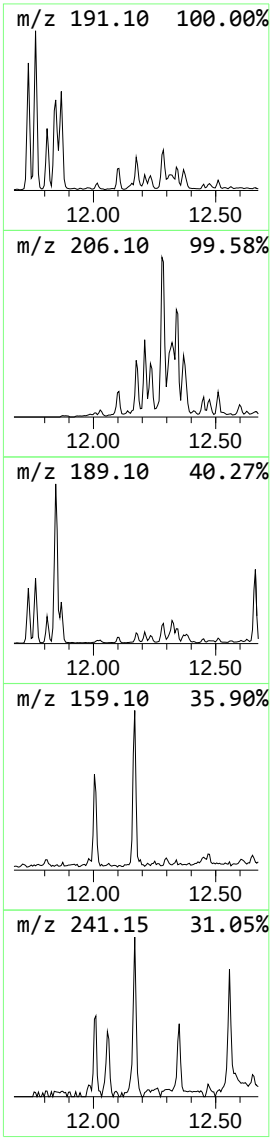
Peak Number 10 Anthracene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	4.90 ng	277611	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72





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Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EH

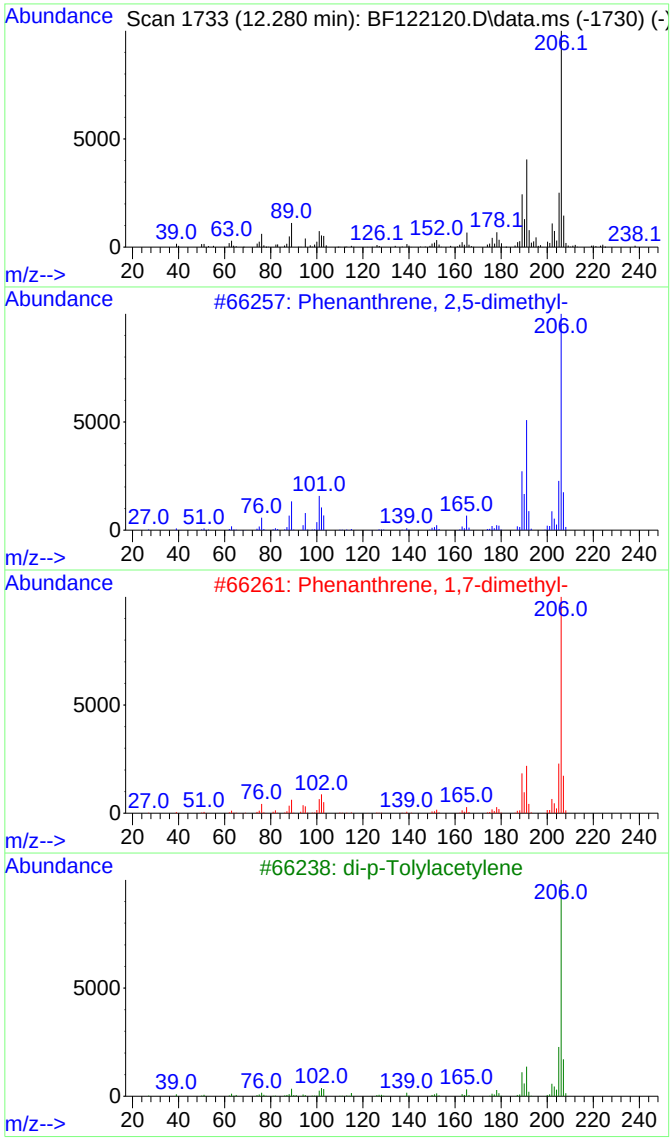
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

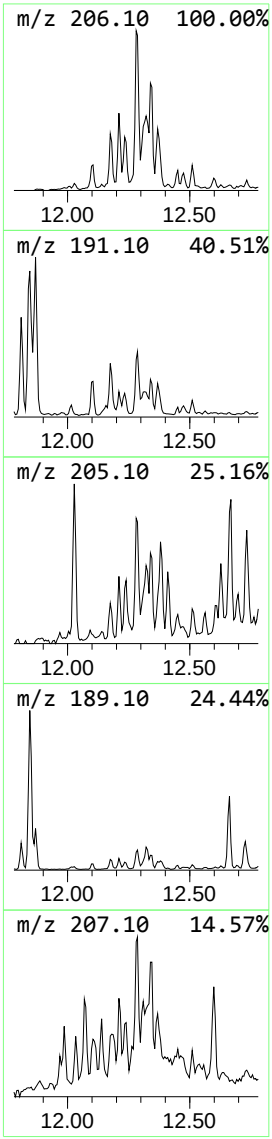
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	3.74 ng	212237	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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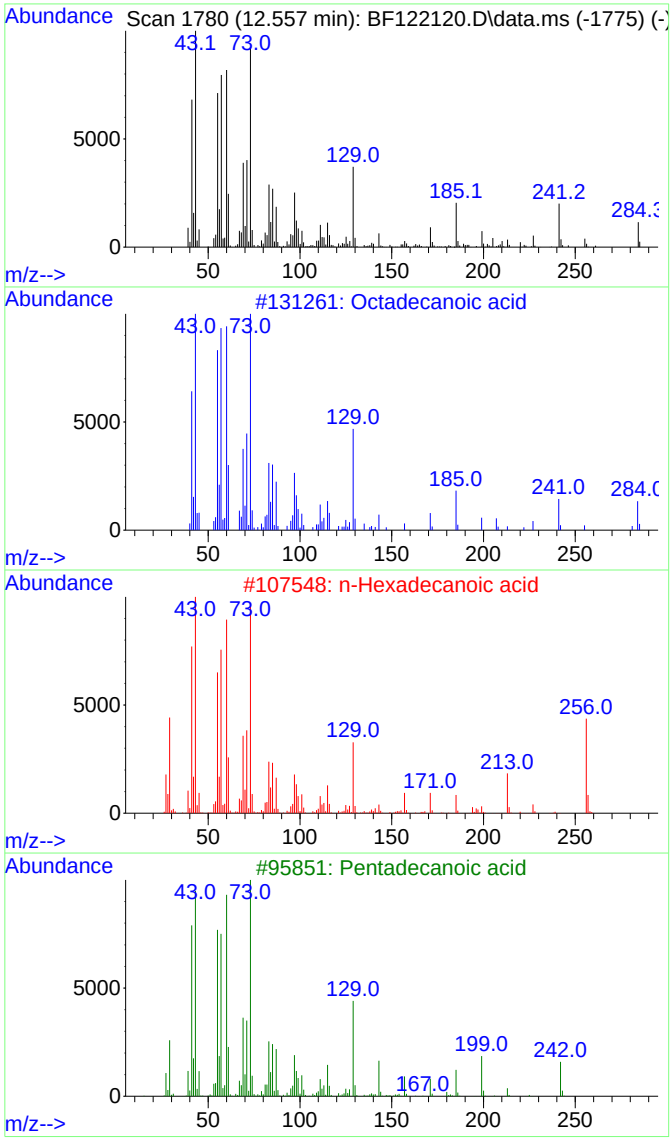
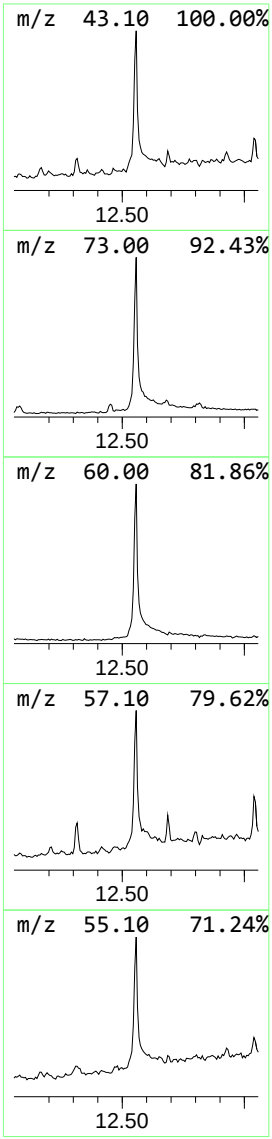
Peak Number 12 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	9.86 ng	559159	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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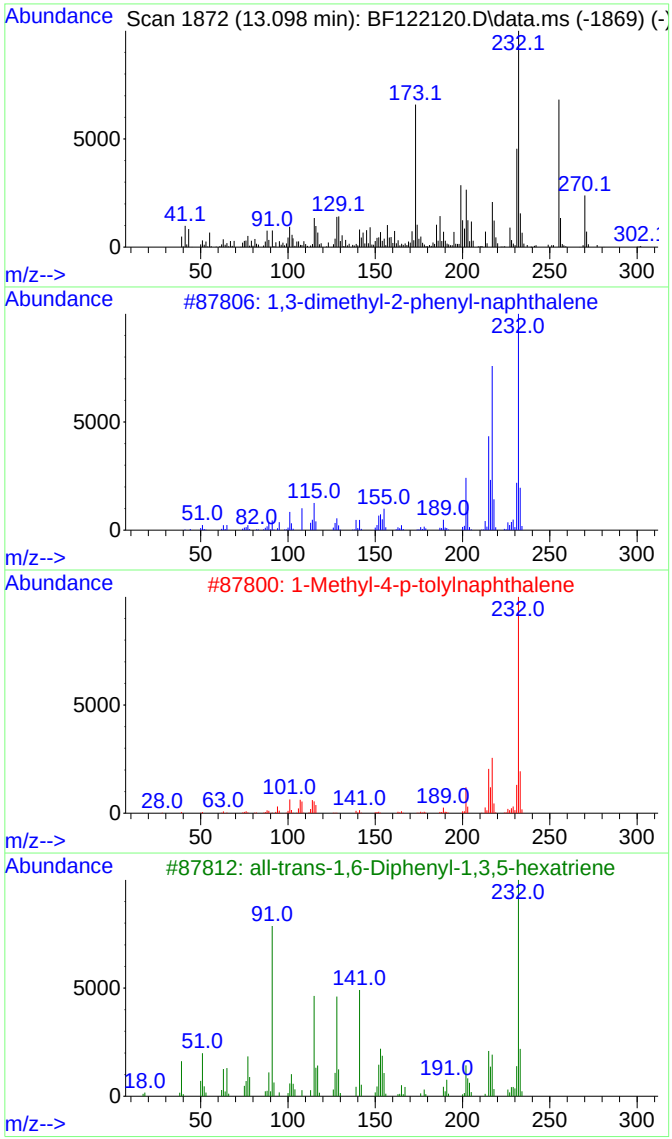
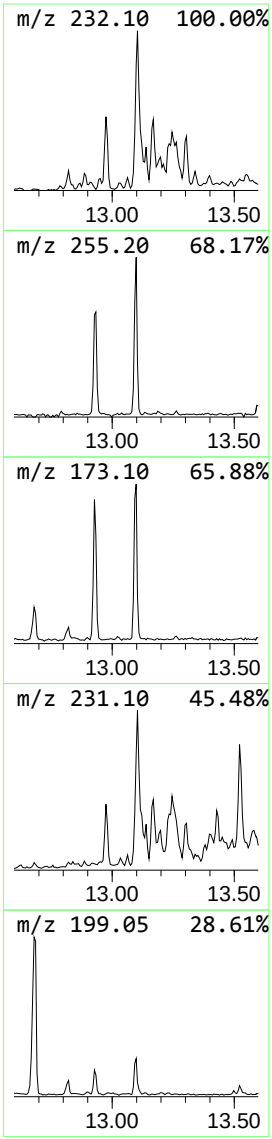
Peak Number 13 unknown13.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	5.23 ng	627990	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-dimethyl-2-phenyl-naphthalene	232	C18H16	1000379-93-4	27
2	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	27
3	all-trans-1,6-Diphenyl-1,3,5-hex...	232	C18H16	017329-15-6	27
4	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	25
5	1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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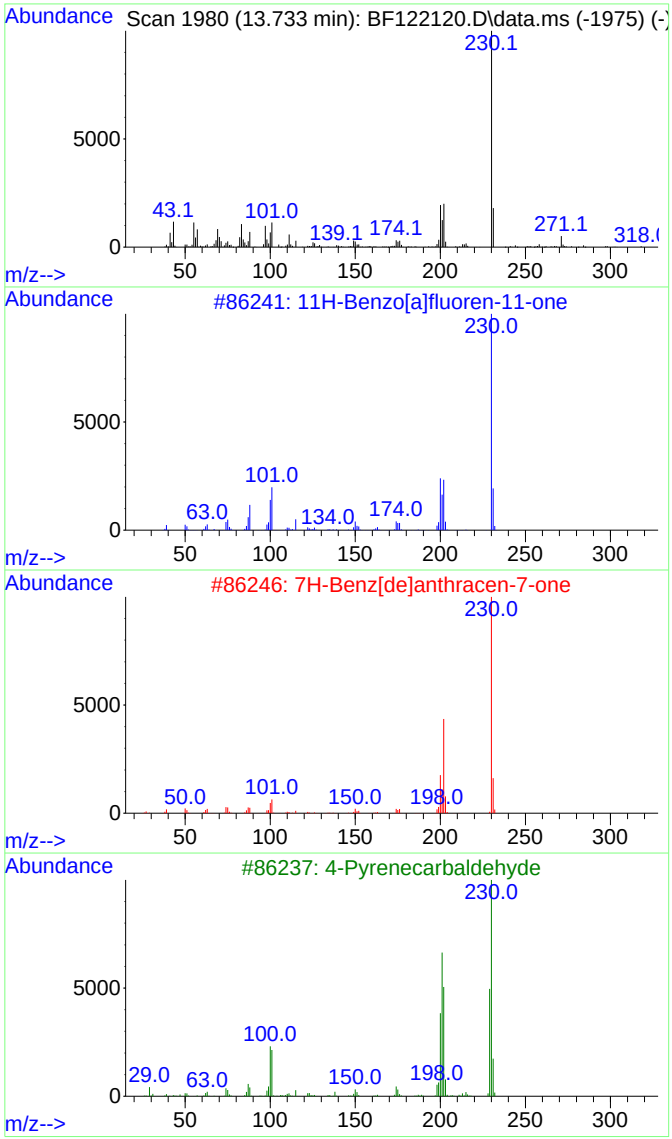
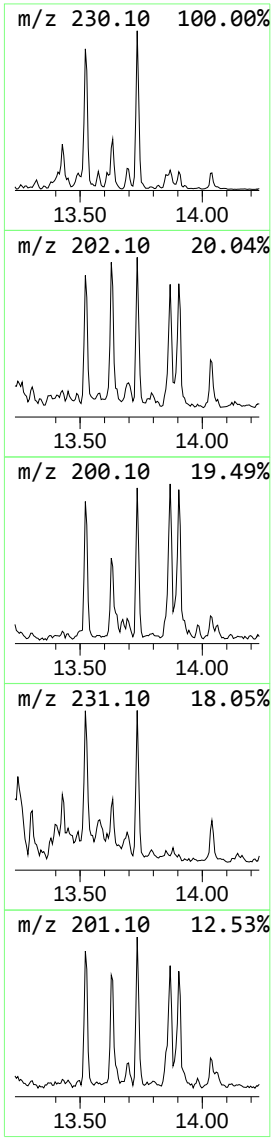
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	5.31 ng	636786	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
5	o-Terphenyl	230	C18H14	000084-15-1	50





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Sample : L4494-01
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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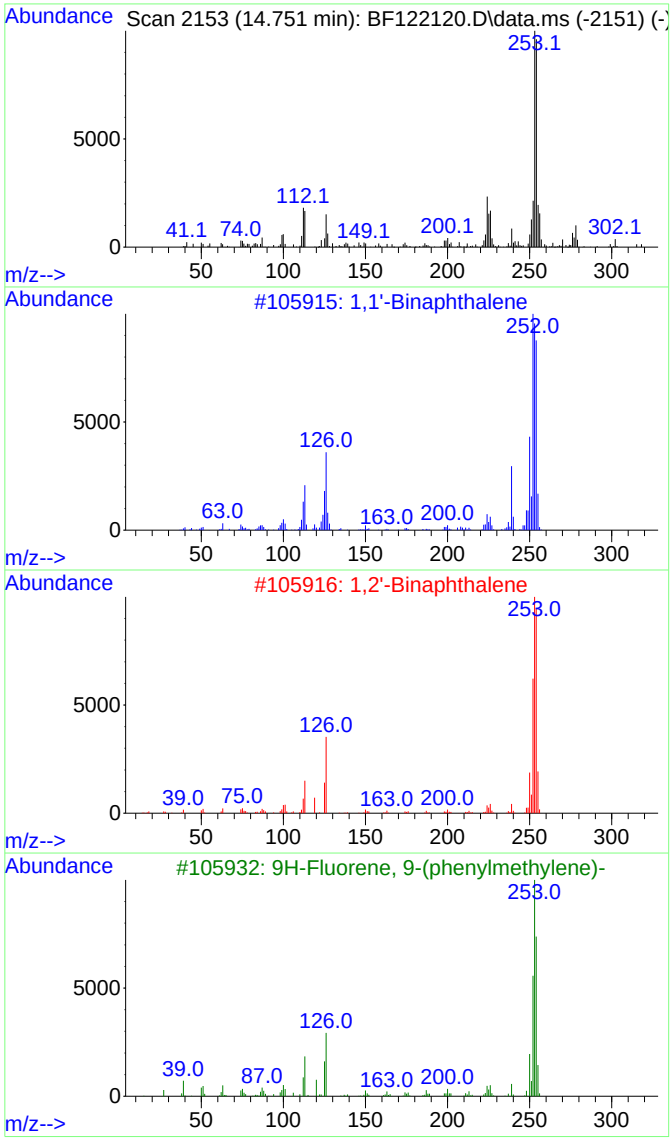
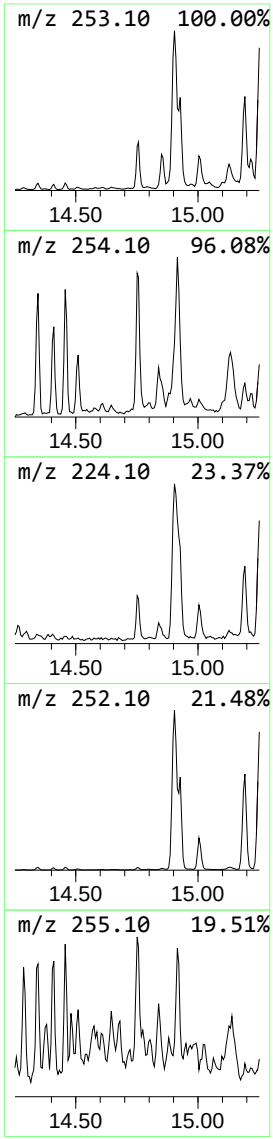
Peak Number 15 1,1'-Binaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	4.04 ng	128823	Perylene-d12	15.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
5	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64





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Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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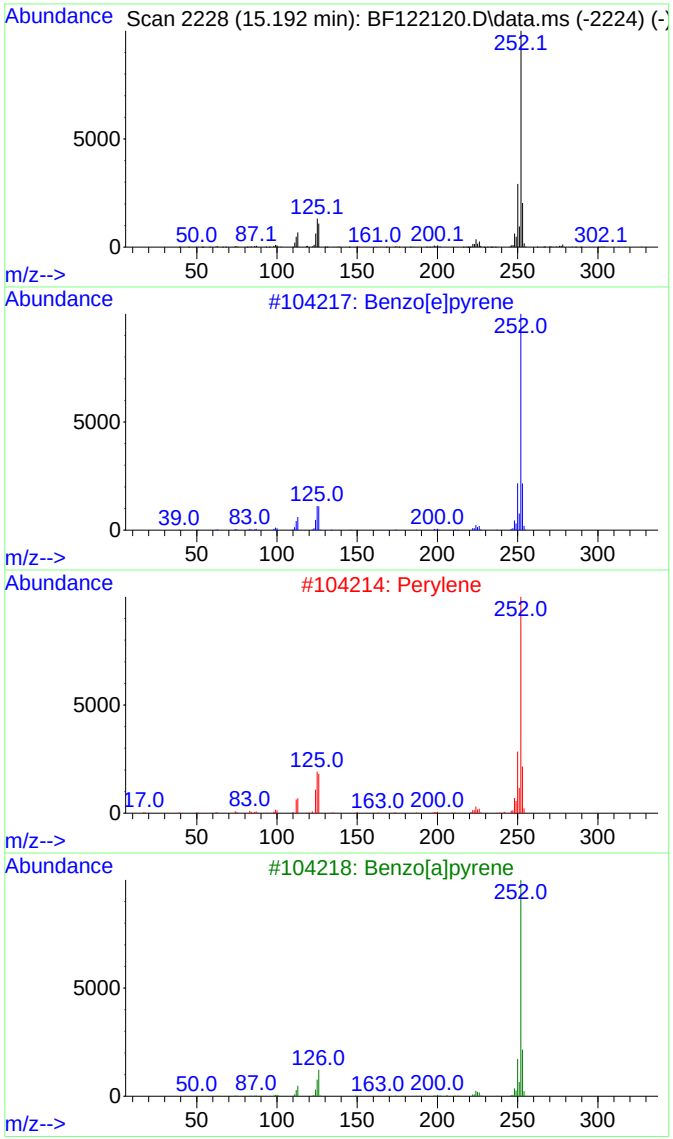
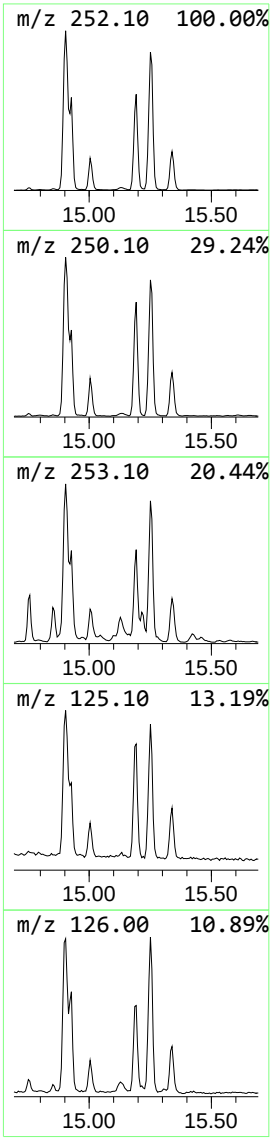
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	22.13 ng	706357	Perylene-d12	15.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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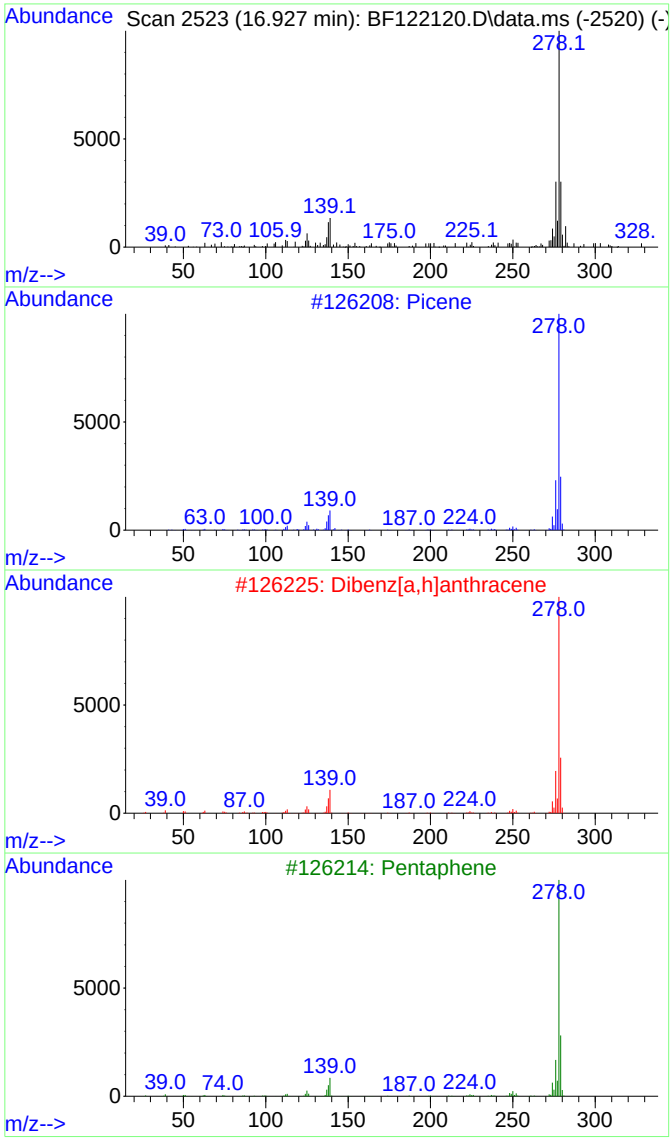
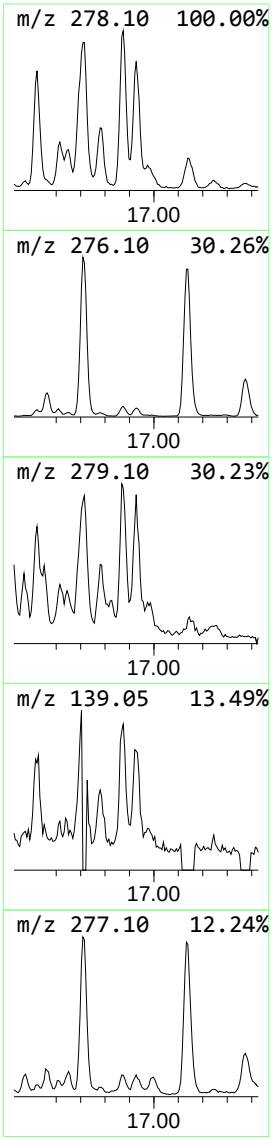
Peak Number 19 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	4.74 ng	151178	Perylene-d12	15.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3	Pentaphene	278	C22H14	000222-93-5	95
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
5	Pentacene	278	C22H14	000135-48-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122120.D
Acq On : 26 Oct 2020 17:38
Operator : JU/CG
Sample : L4494-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown11.08	11.086	3.7	ng	210169	4	11.233	1134260	20.0
Phenanthrene, 2...	11.733	6.1	ng	347605	4	11.233	1134260	20.0
Phenanthrene, 1...	11.763	16.2	ng	917957	4	11.233	1134260	20.0
Anthracene, 1-m...	11.810	4.7	ng	264239	4	11.233	1134260	20.0
4H-Cyclopenta[d...	11.845	10.7	ng	609203	4	11.233	1134260	20.0
Anthracene, 2-m...	11.869	5.3	ng	299896	4	11.233	1134260	20.0
Naphthalene, 2-...	12.028	4.8	ng	269876	4	11.233	1134260	20.0
9,10-Anthracene...	12.069	4.0	ng	228409	4	11.233	1134260	20.0
Anthracene, 2-e...	12.175	4.9	ng	277611	4	11.233	1134260	20.0
Phenanthrene, 2...	12.280	3.7	ng	212237	4	11.233	1134260	20.0
Octadecanoic acid	12.557	9.9	ng	559159	4	11.233	1134260	20.0
unknown13.09	13.098	5.2	ng	627990	5	13.880	2400690	20.0
11H-Benzo[a]flu...	13.733	5.3	ng	636786	5	13.880	2400690	20.0
1,1'-Binaphthalene	14.751	4.0	ng	128823	6	15.310	638268	20.0
Benzo[e]pyrene	15.192	22.1	ng	706357	6	15.310	638268	20.0
Picene	16.927	4.7	ng	151178	6	15.310	638268	20.0