LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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-BF070220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	19	22	35	rVB2	22935	47376	1.20%	0.087%
2	3.899	303	308	312	rVB	46663	59103	1.50%	0.108%
3	5.451	567	572	576	rBV	3001809	3216087	81.59%	5.880%
4	6.469	739	745	748	rBV	3122790	3267145	82.89%	5.973%
5	6.669	776	779	784	rBV	90890	87834	2.23%	0.161%
6	6.845	805	809	812	rBV	1573618	1219715	30.94%	2.230%
7	7.004	831	836	839	rBV	3190079	2844429	72.16%	5.201%
8	7.404	897	904	907	rBV	2250875	2245098	56.96%	4.105%
9	8.128	1023	1027	1030	rBV	1932063	1543758	39.16%	2.822%
10	9.204	1205	1210	1214	rBV	4125362	3941755	100.00%	7.207%
11	9.304	1221	1227	1228	rBV2	37618	44586	1.13%	0.082%
12	9.539	1264	1267	1270	rBV	60078	55880	1.42%	0.102%
13	9.598	1274	1277	1285	rVB	333293	318705	8.09%	0.583%
14	9.739	1297	1301	1305	rBV	225975	217204	5.51%	0.397%
15	9.798	1305	1311	1313	rVV3	63492	84766	2.15%	0.155%
16	9.886	1320	1326	1328	rBV	1781632	1702955	43.20%	3.114%
17	9.916	1328	1331	1338	rVB2	223052	321025	8.14%	0.587%
18	10.081	1357	1359	1362	rVB	87487	81424	2.07%	0.149%
19	10.181	1369	1376	1378	rBV	121624	175740	4.46%	0.321%
20	10.292	1391	1395	1397	rBV4	44755	53220	1.35%	0.097%
21	10.428	1415	1418	1423	rVB	121835	115005	2.92%	0.210%
22	10.539	1435	1437	1442	rVB3	45565	40423	1.03%	0.074%
23	10.669	1454	1459	1462	rBV	2501338	2273147	57.67%	4.156%
24	10.792	1477	1480	1484	rBV2	103862	121198	3.07%	0.222%
25	10.886	1491	1496	1498	rBV5	24122	42625	1.08%	0.078%
26	10.975	1507	1511	1514	rBV3	49158	71788	1.82%	0.131%
27	11.128	1535	1537	1540	rVB2	77249	55243	1.40%	0.101%
28	11.169	1541	1544	1549	rVB	76849	82388	2.09%	0.151%
29	11.227	1549	1554	1558	rBV5	67303	131291	3.33%	0.240%
30	11.263	1558	1560	1565	rVB2	101885	106824	2.71%	0.195%
31	11.369	1574	1578	1580	rBV	1983754	1703968	43.23%	3.115%
32	11.392	1580	1582	1585	rVV	1421358	1009091	25.60%	1.845%
33	11.439	1585	1590	1593	rVV	273848	264325	6.71%	0.483%
34	11.475	1593	1596	1599	rVV2	70174	71229	1.81%	0.130%

LSC Area Percent Report

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Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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-BF070220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.592	1614	1616	1619	rVB	93328	74607	1.89%	0.136%
36	11.669	1626	1629	1631	rBV	67087	63550	1.61%	0.116%
37	11.698	1631	1634	1637	rVB	90772	75108	1.91%	0.137%
38	11.780	1645	1648	1652	rVB	49749	54902	1.39%	0.100%
39	11.869	1660	1663	1665	rBV	302885	252553	6.41%	0.462%
40	11.898	1665	1668	1672	rVV	550492	493620	12.52%	0.902%
41	11.939	1672	1675	1678	rVV2	104620	127260	3.23%	0.233%
42	11.980	1678	1682	1684	rVV2	501496	525480	13.33%	0.961%
43	12.004	1684	1686	1689	rVB	228493	181538	4.61%	0.332%
44	12.098	1700	1702	1705	rVB2	52315	46657	1.18%	0.085%
45	12.163	1710	1713	1715	rVV2	156942	157766	4.00%	0.288%
46	12.186	1715	1717	1722	rVB2	225402	197955	5.02%	0.362%
47	12.251	1724	1728	1733	rBV4	45241	77207	1.96%	0.141%
48	12.298	1733	1736	1737	rBV	43435	44899	1.14%	0.082%
49	12.316	1737	1739	1742	rVB	76996	58371	1.48%	0.107%
50	12.351	1742	1745	1747	rBV2	140104	153530	3.89%	0.281%
51	12.422	1754	1757	1760	rBV	241564	230857	5.86%	0.422%
52	12.463	1760	1764	1768	rVB4	263695	379098	9.62%	0.693%
53	12.504	1768	1771	1776	rBV2	142985	163792	4.16%	0.299%
54	12.580	1780	1784	1787	rBV	2221144	2093070	53.10%	3.827%
55	12.639	1790	1794	1797	rVB3	102253	166952	4.24%	0.305%
56	12.674	1797	1800	1803	rBV	122354	133884	3.40%	0.245%
57	12.704	1803	1805	1808	rBV2	57757	54361	1.38%	0.099%
58	12.733	1808	1810	1811	rBV	69733	55111	1.40%	0.101%
59	12.810	1817	1823	1826	rBV	2154874	2275330	57.72%	4.160%
60	12.927	1840	1843	1844	rBV2	113310	94817	2.41%	0.173%
61	12.957	1844	1848	1851	rVV	3830704	3774600	95.76%	6.901%
62	13.027	1855	1860	1863	rBV3	205591	316465	8.03%	0.579%
63	13.116	1872	1875	1876	rBV2	120686	132831	3.37%	0.243%
64	13.139	1876	1879	1882	rVB2	415492	371806	9.43%	0.680%
65	13.169	1882	1884	1885	rBV	71370	61418	1.56%	0.112%
66	13.198	1885	1889	1892	rVB2	342946	466641	11.84%	0.853%
67	13.233	1892	1895	1899	rBV3	357929	462391	11.73%	0.845%
68	13.333	1909	1912	1915	rBV	211028	165030	4.19%	0.302%
69	13.363	1915	1917	1919	rBV	168999	142667	3.62%	0.261%
70	13.786	1986	1989	1991	rBV	141659	105521	2.68%	0.193%
71	13.857	1997	2001	2007	rVB3	788767	942544	23.91%	1.723%

LSC Area Percent Report

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Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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-BF070220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.004	2021	2026	2029	rBV2	1648450	2280175	57.85%	4.169%
73	14.033	2029	2031	2033	rVB	954912	677130	17.18%	1.238%
74	14.116	2042	2045	2047	rVB	133909	116519	2.96%	0.213%
75	14.392	2090	2092	2095	rVB	183648	152009	3.86%	0.278%
76	14.427	2096	2098	2101	rVB2	153622	121049	3.07%	0.221%
77	14.492	2105	2109	2112	rBV2	505542	615822	15.62%	1.126%
78	15.045	2199	2203	2206	rBV	770191	1178733	29.90%	2.155%
79	15.133	2215	2218	2220	rBV2	263565	336971	8.55%	0.616%
80	15.157	2220	2222	2227	rVB2	397059	425215	10.79%	0.777%
81	15.345	2250	2254	2260	rVB	559472	686756	17.42%	1.256%
82	15.410	2260	2265	2268	rBV	659146	798118	20.25%	1.459%
83	15.474	2272	2276	2279	rBV	833798	953094	24.18%	1.743%
84	15.957	2354	2358	2362	rBV2	169847	261302	6.63%	0.478%
85	16.004	2362	2366	2374	rVB3	290055	564463	14.32%	1.032%
86	16.921	2516	2522	2529	rVB2	388618	754385	19.14%	1.379%
87	17.351	2590	2595	2606	rVB	313758	666914	16.92%	1.219%
88	17.498	2613	2620	2630	rBV	492414	1315654	33.38%	2.405%

Sum of corrected areas: 54694848

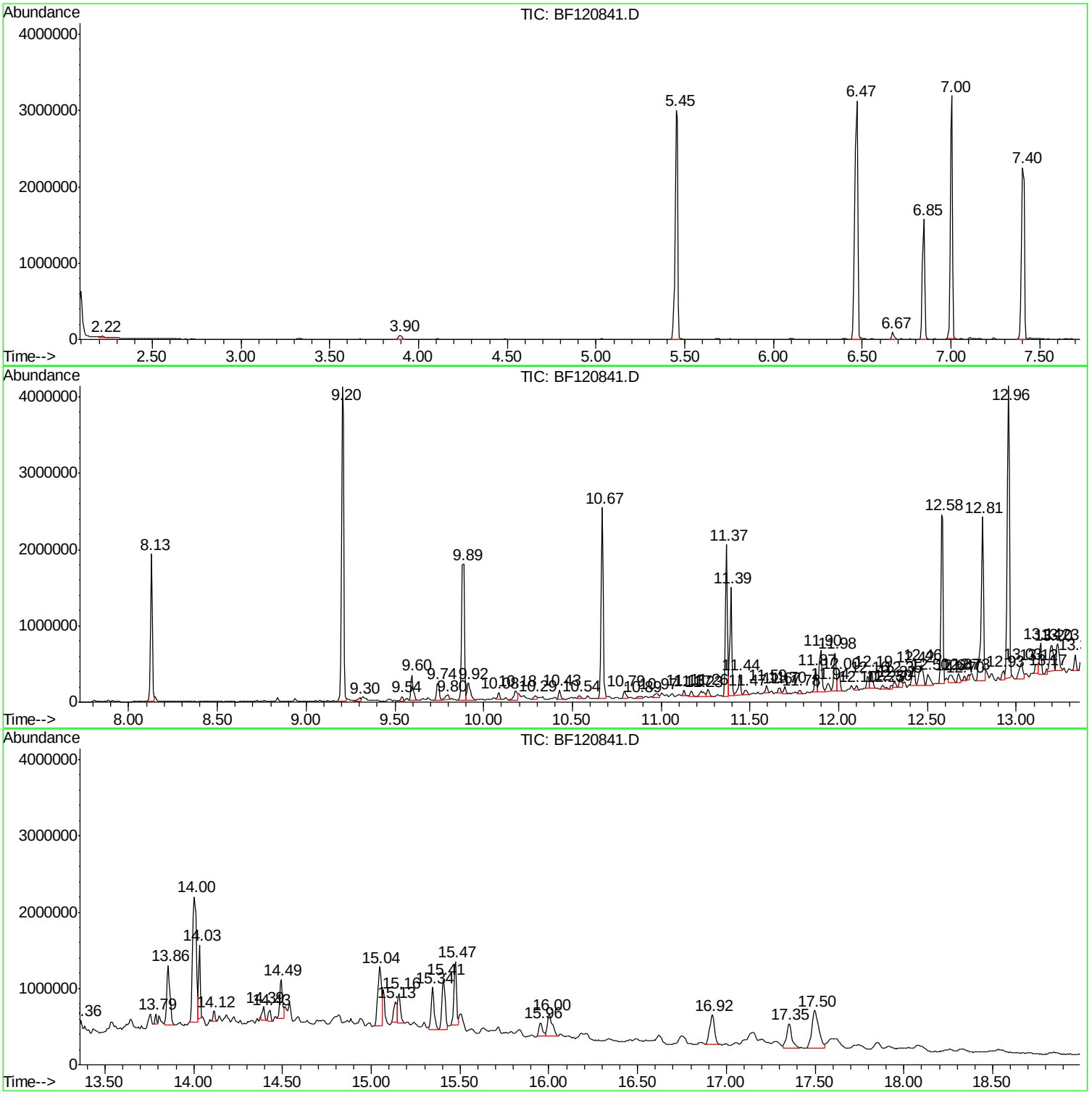
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

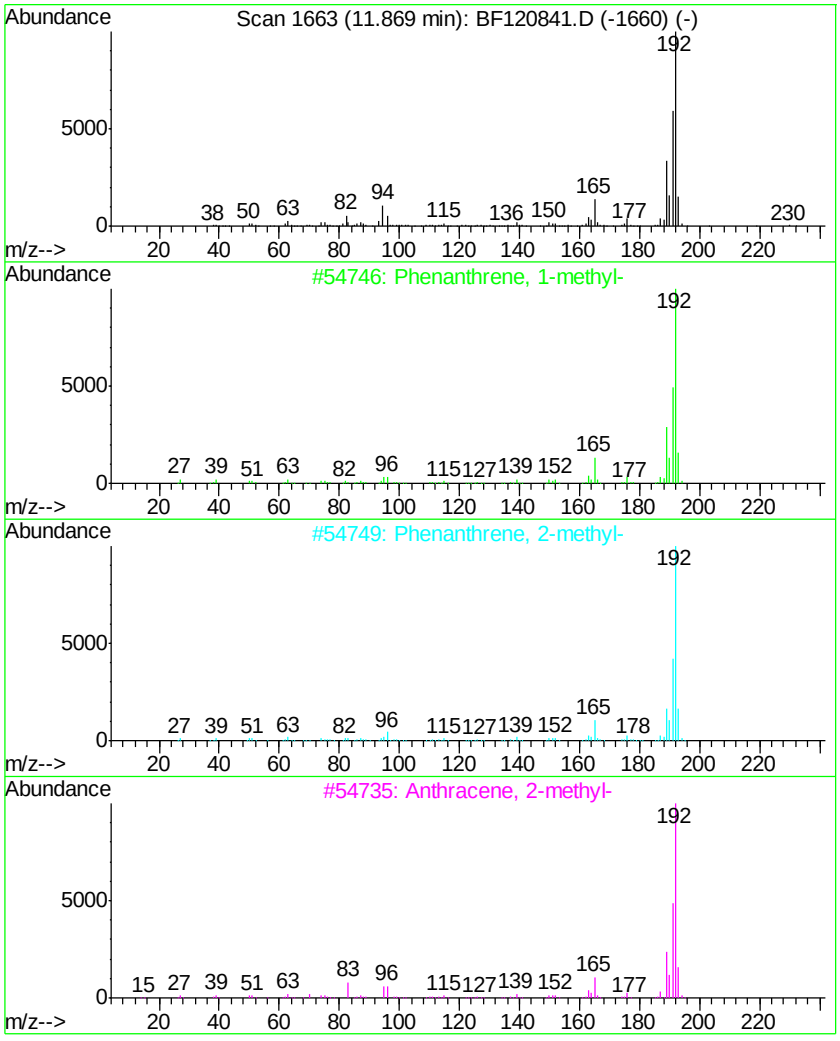
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

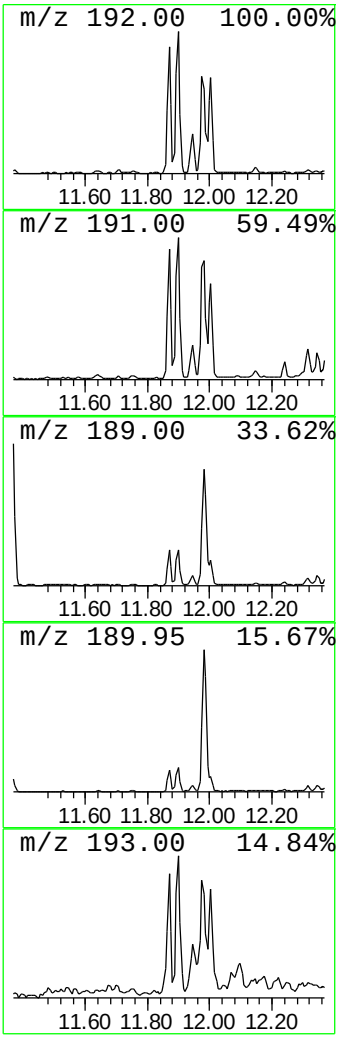
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.96 ng	252553	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

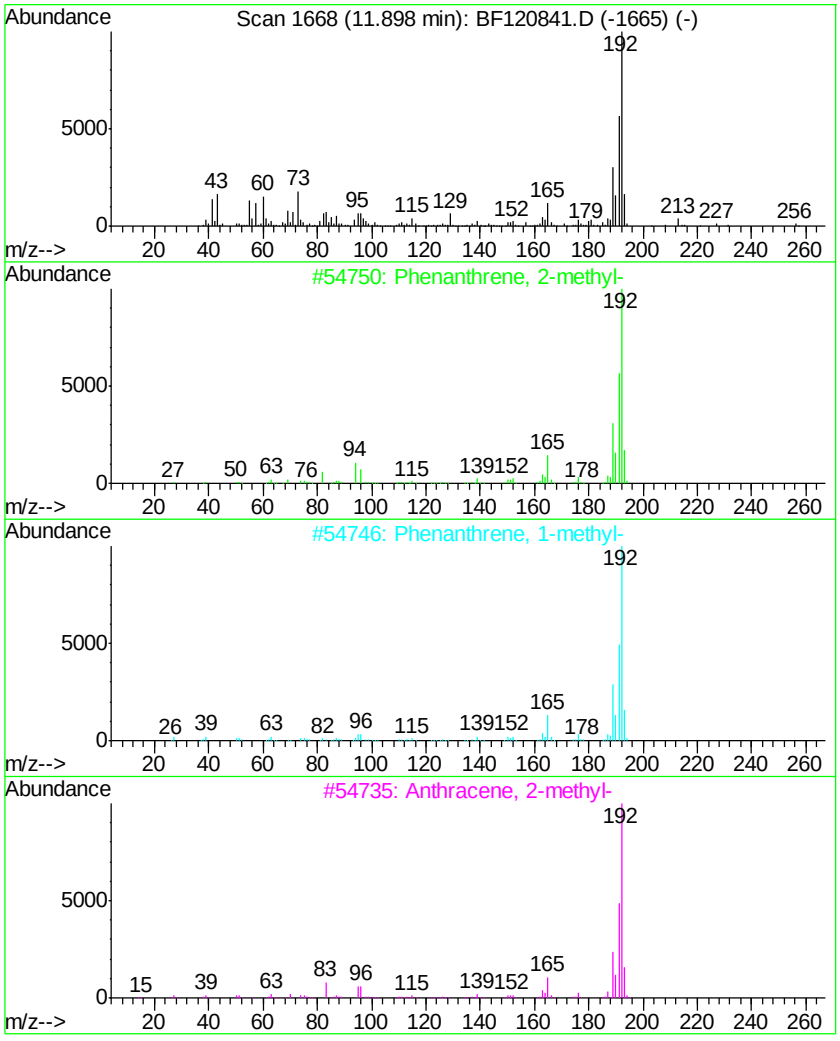
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

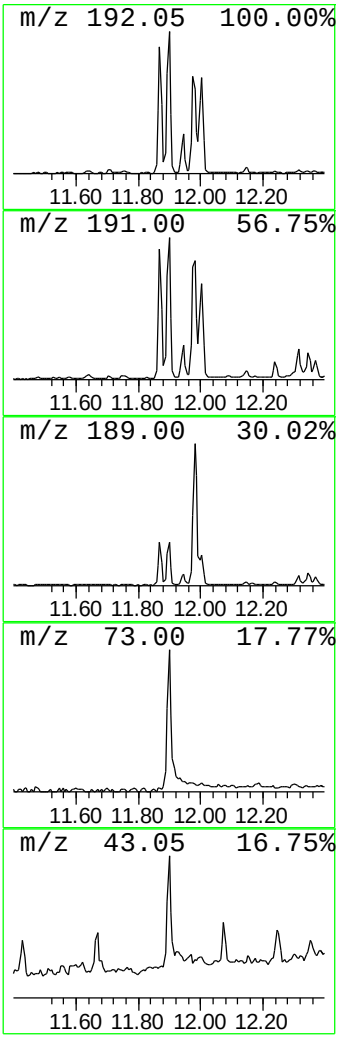
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.79 ng	493620	Phenanthrene-d10	11.37

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

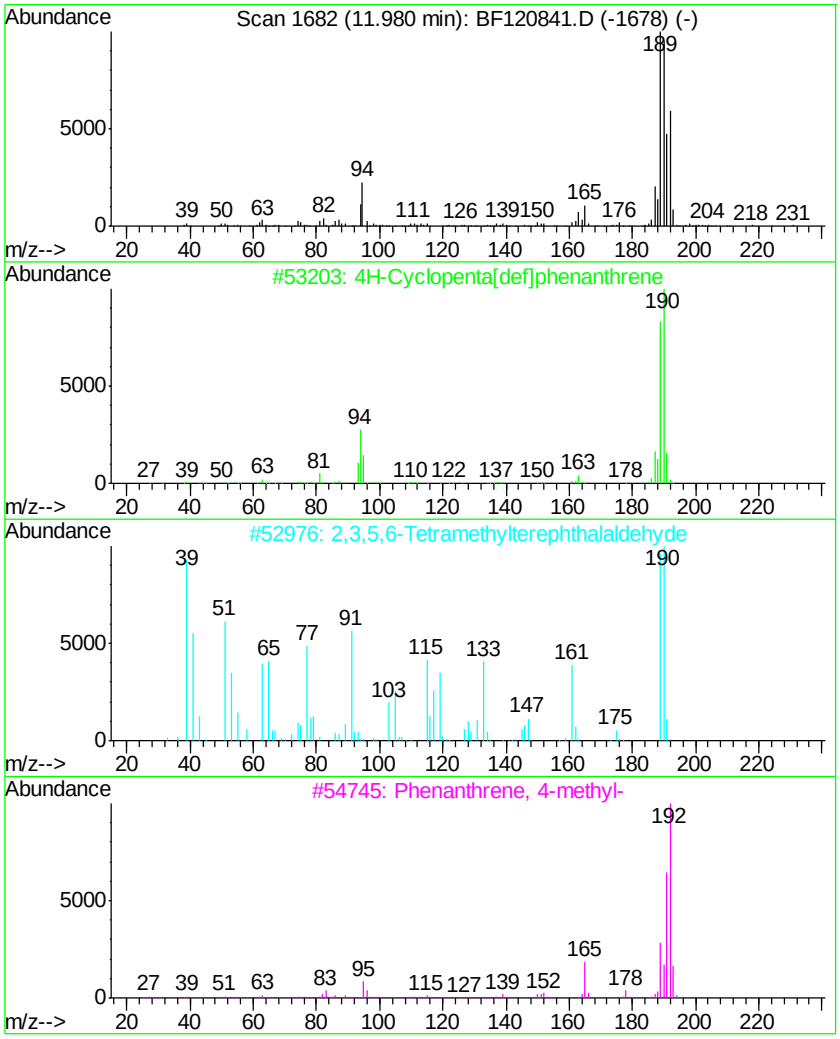
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

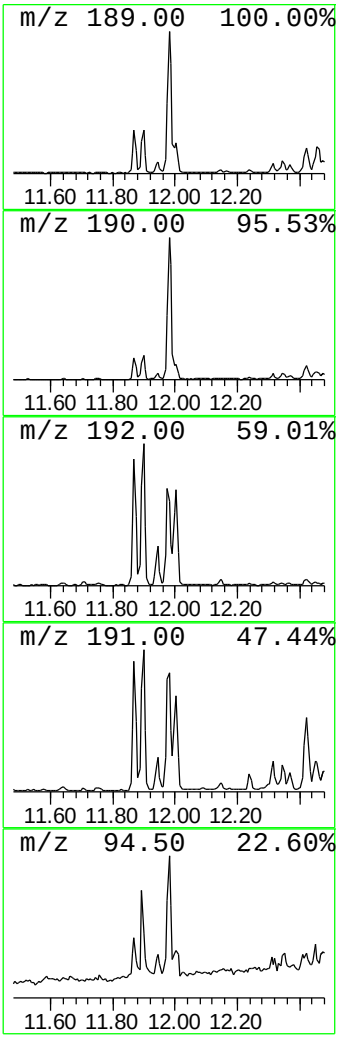
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.17 ng	525480	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

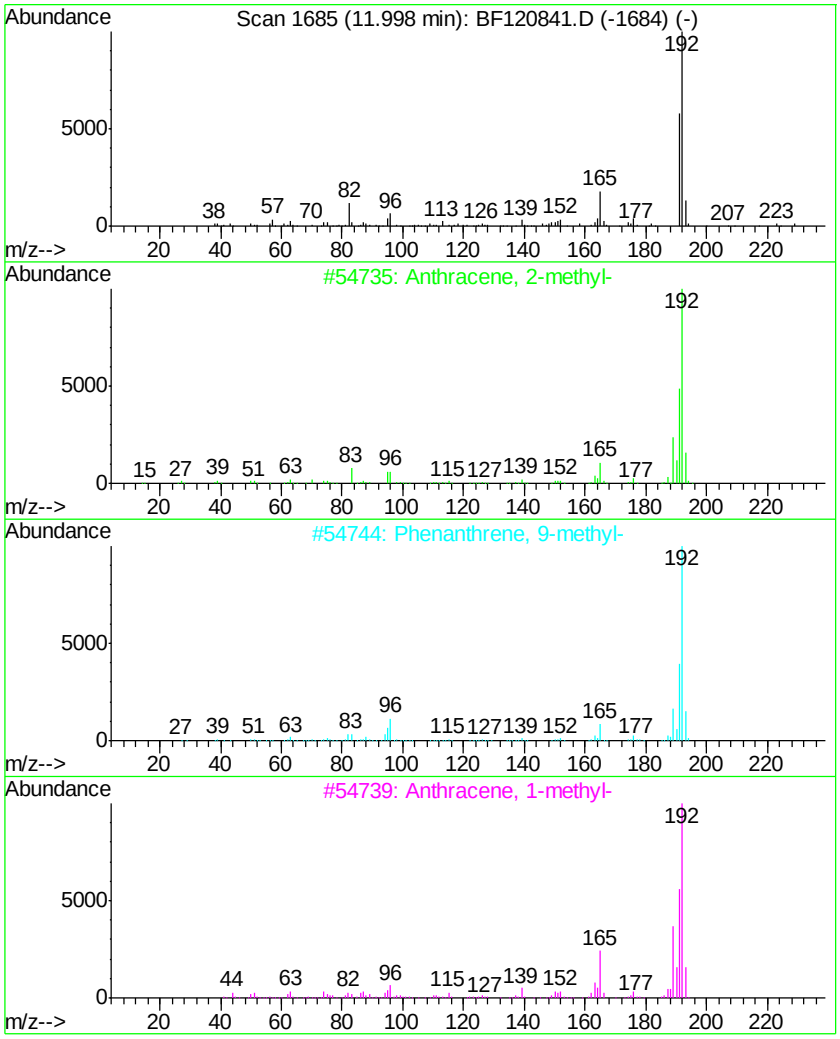
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

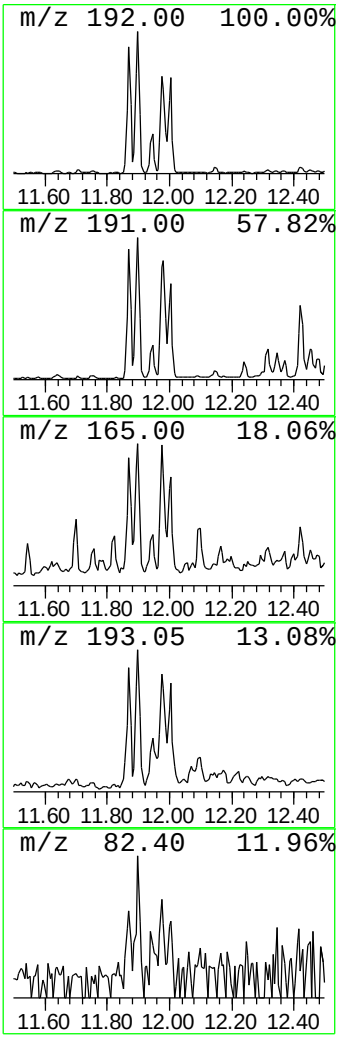
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.13 ng	181538	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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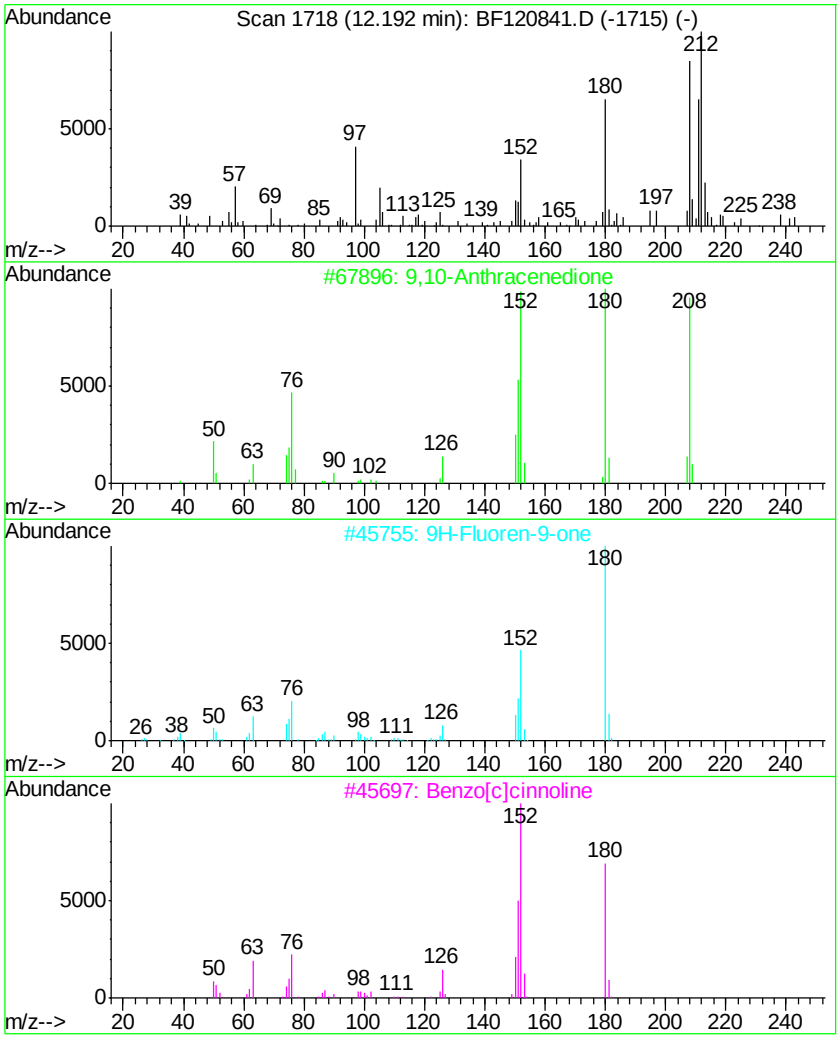
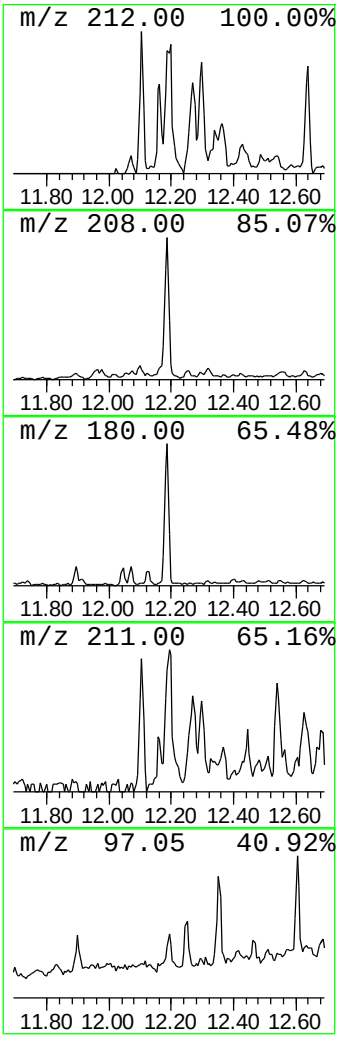
Peak Number 6 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.32 ng	197955	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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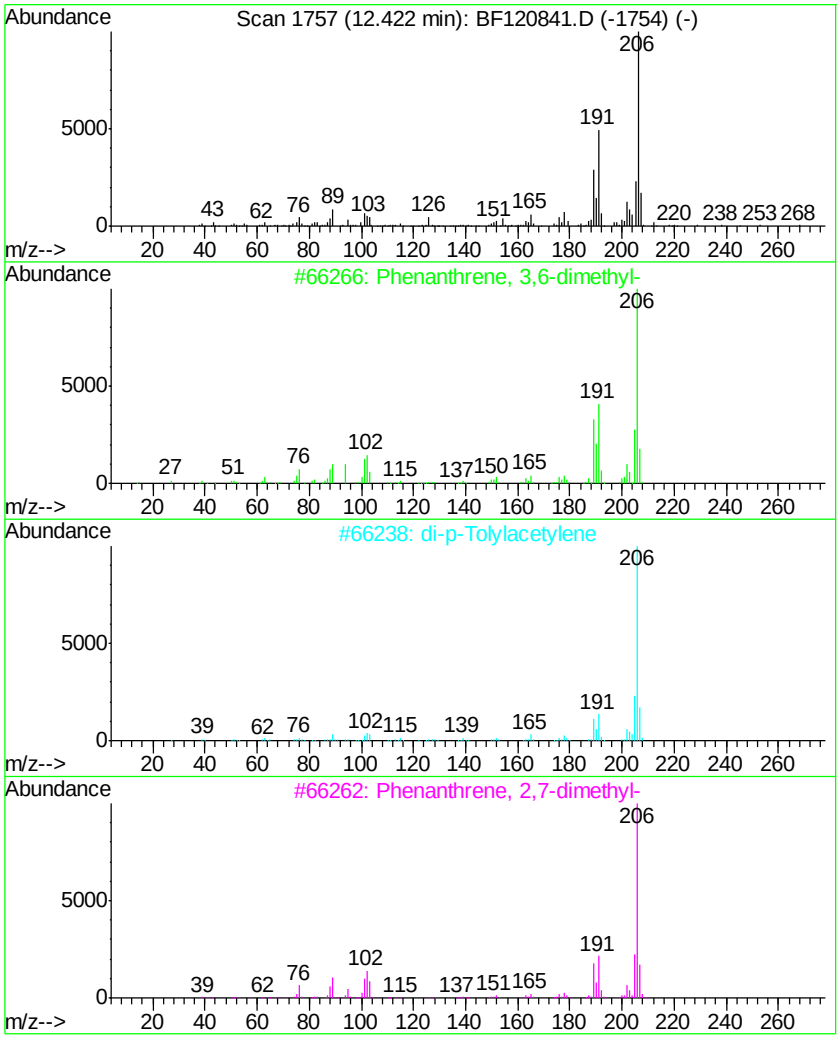
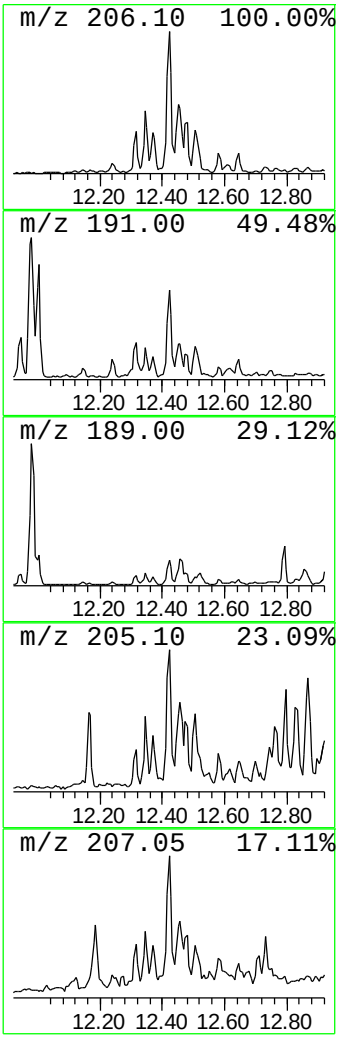
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.71 ng	230857	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Library Search Compound Report

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Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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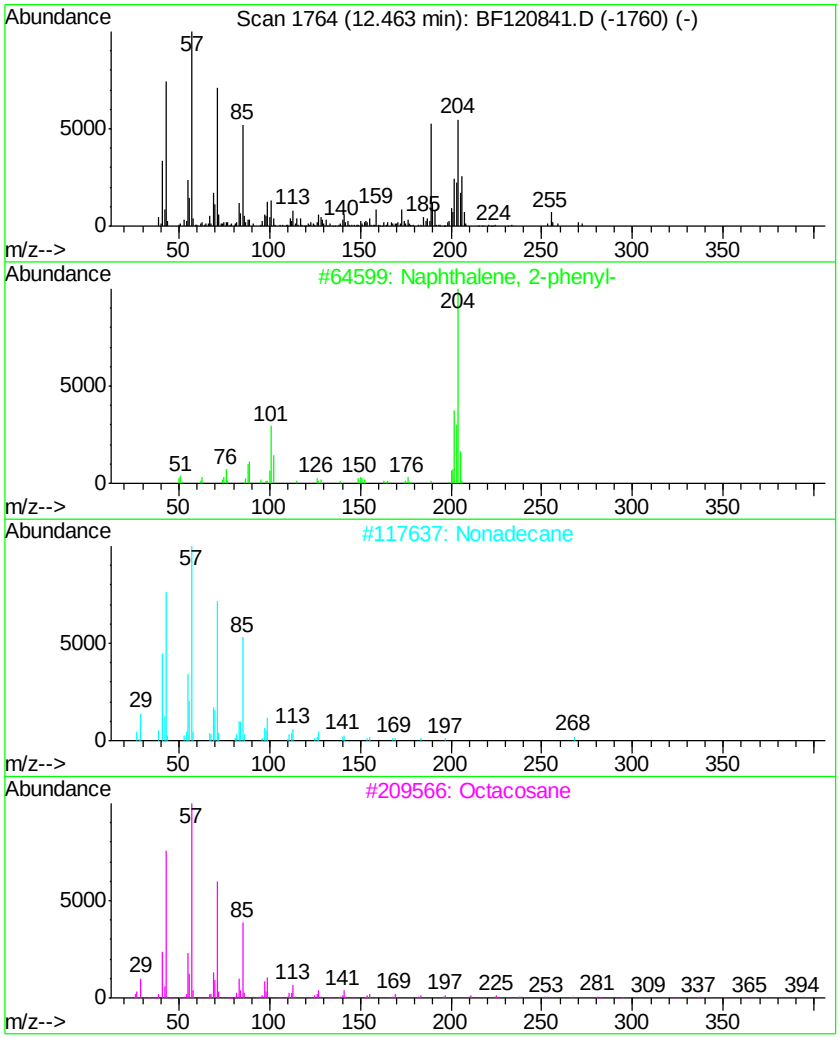
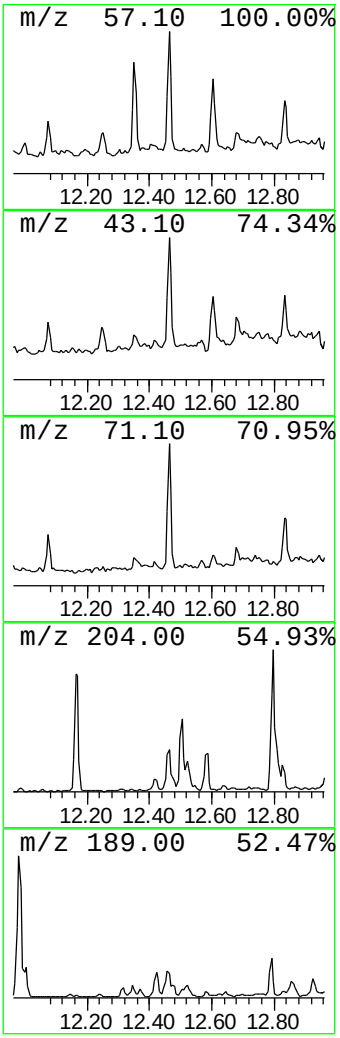
Peak Number 8 unknown12.46 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.45 ng	379098	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	40
2	Nonadecane	268	C19H40	000629-92-5	20
3	Octacosane	394	C28H58	000630-02-4	20
4	Tetracosane	338	C24H50	000646-31-1	20
5	Heneicosane	296	C21H44	000629-94-7	20





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Instrument : BNA_F
ClientSampleId : MH2

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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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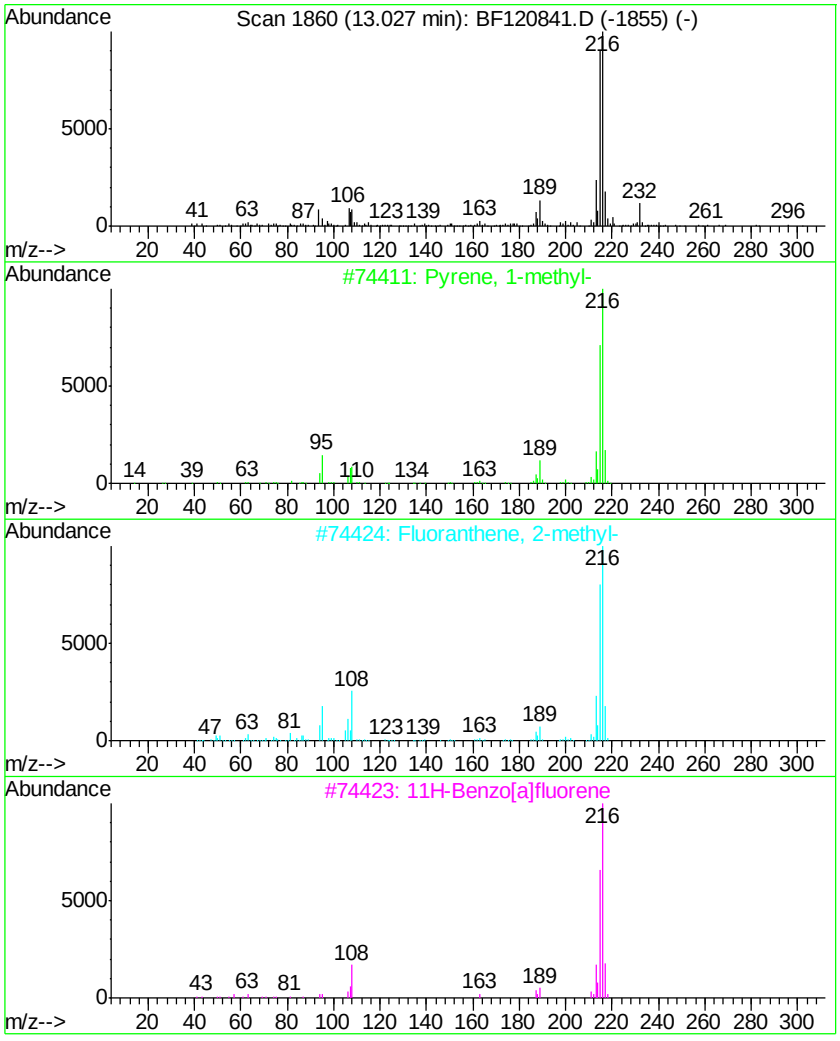
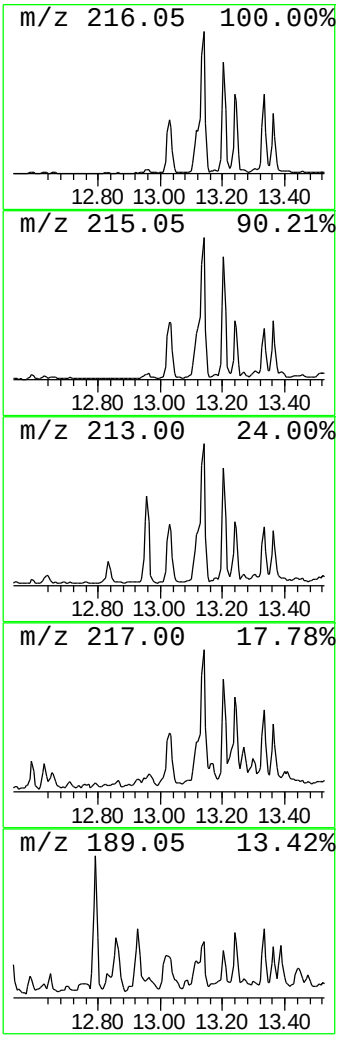
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.78 ng	316465	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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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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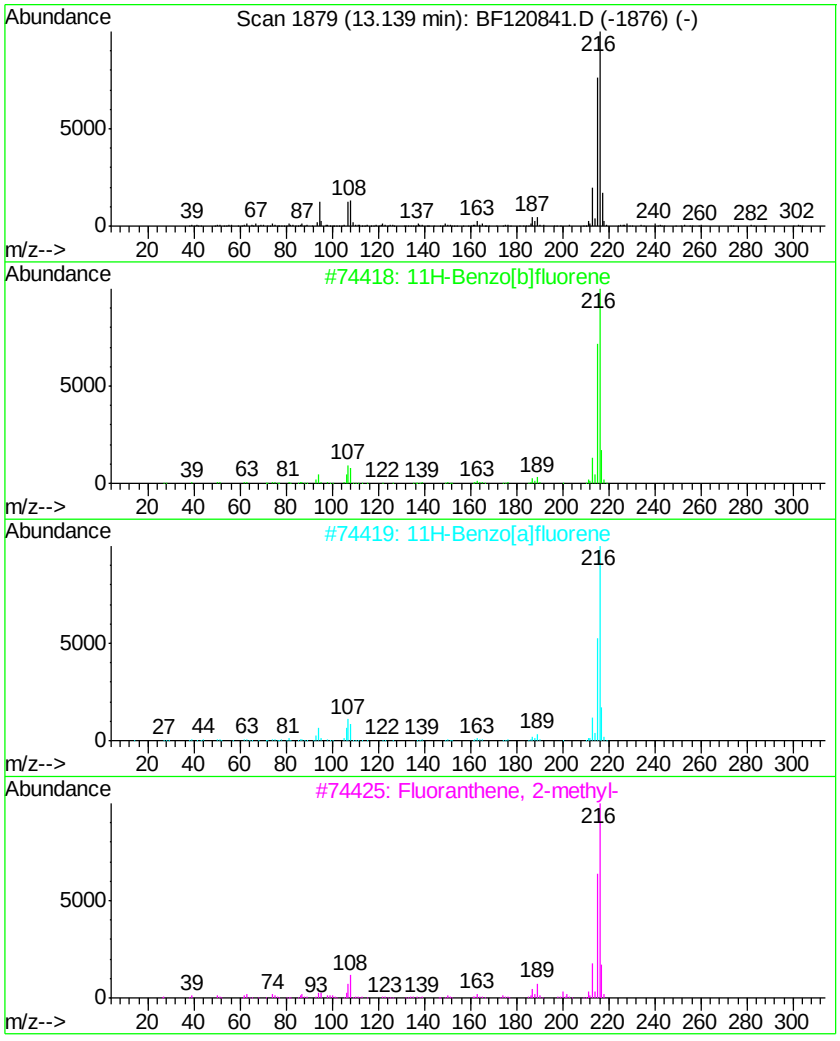
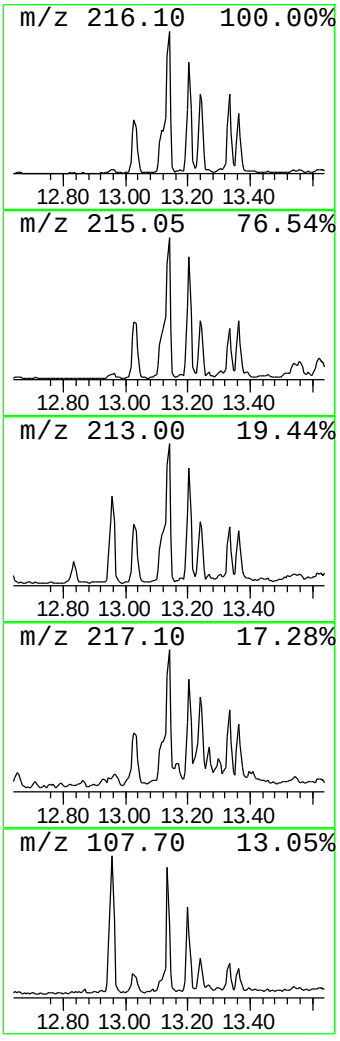
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.26 ng	371806	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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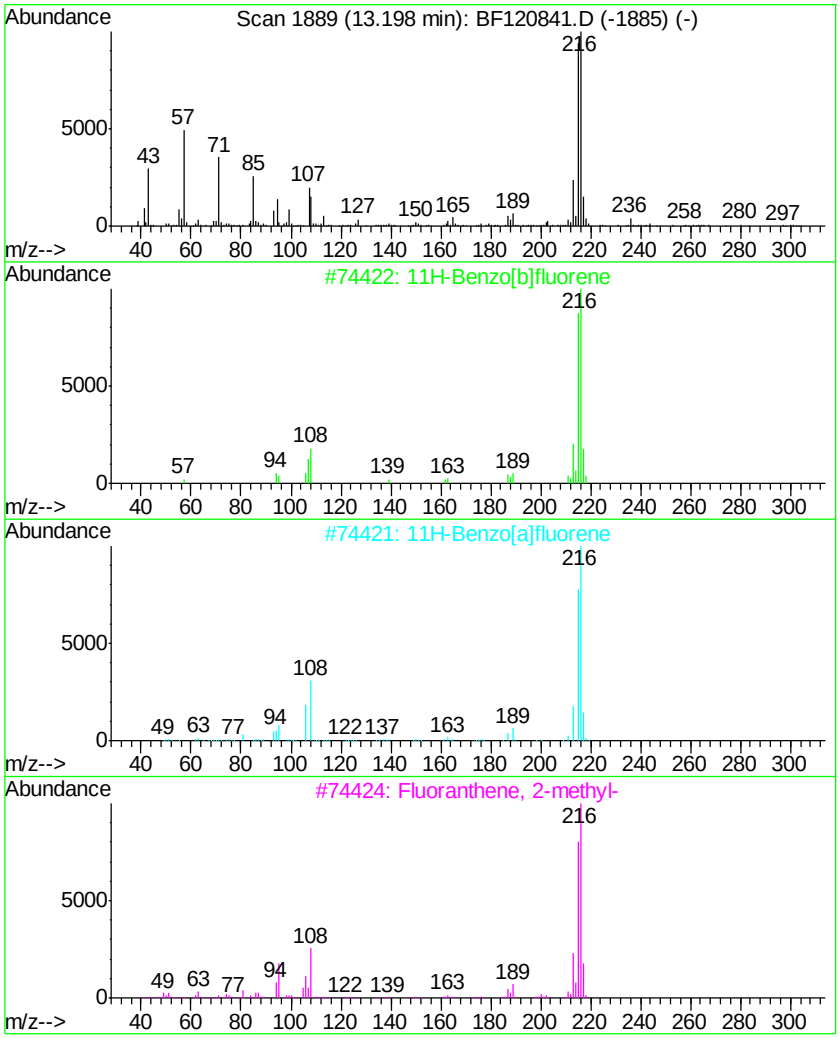
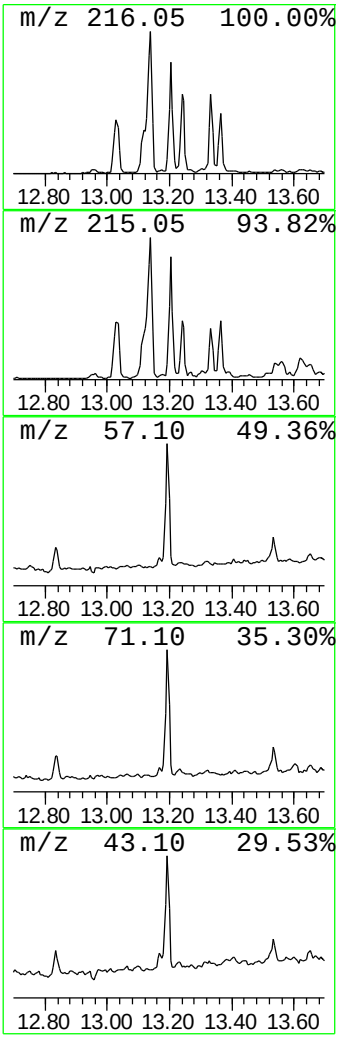
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.09 ng	466641	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	52





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Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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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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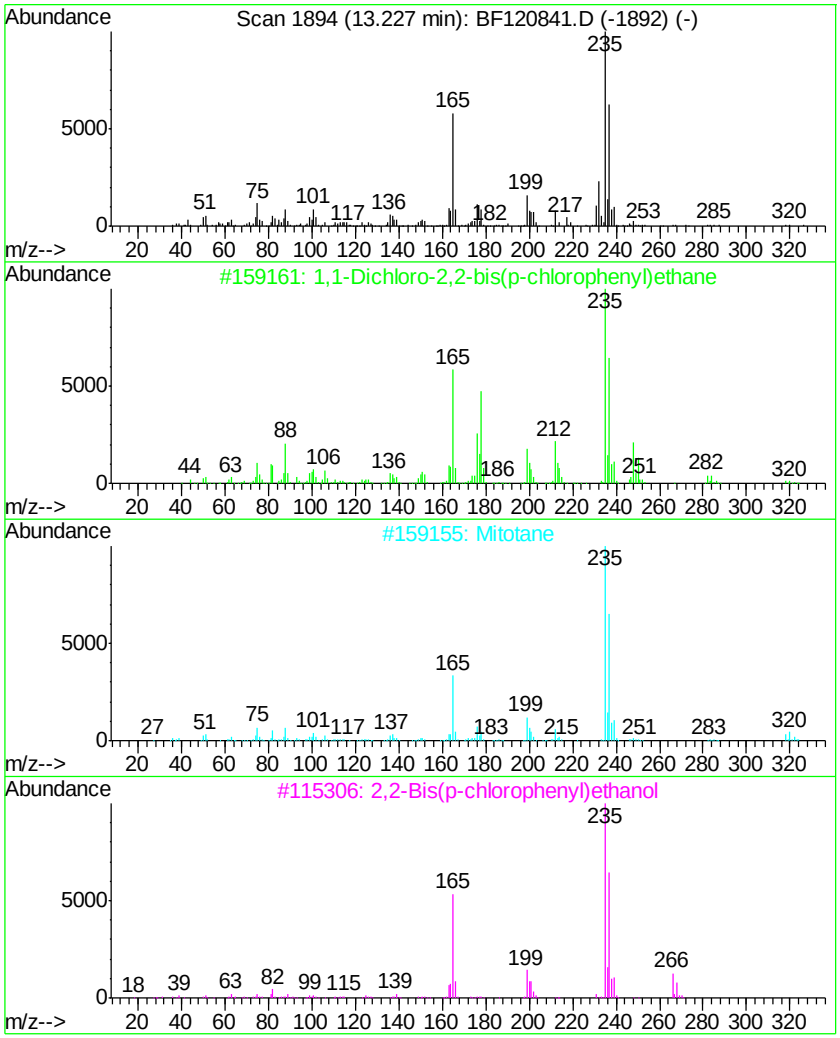
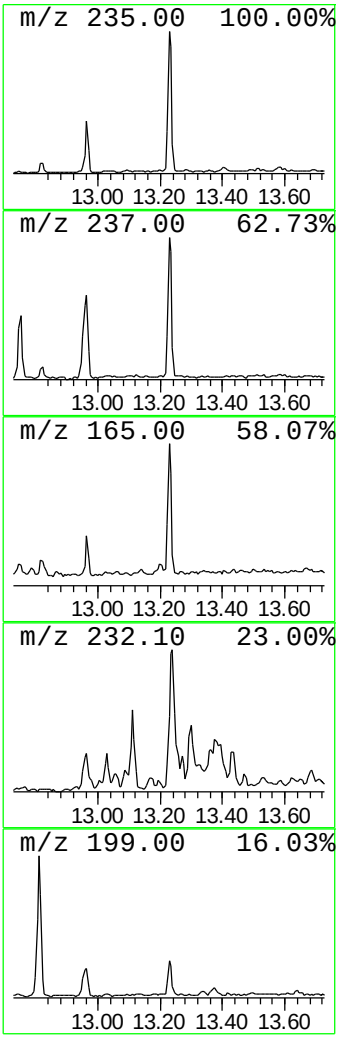
Peak Number 12 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.06 ng	462391	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	58
2	Mitotane	318	C14H10Cl4	000053-19-0	58
3	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	52
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	52
5	1-Chloro-2,2-Bis(p-chlorophenyl)...	284	C14H11Cl3	002642-80-0	52





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Sample : L3257-04
Misc :
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ClientSampleId : MH2

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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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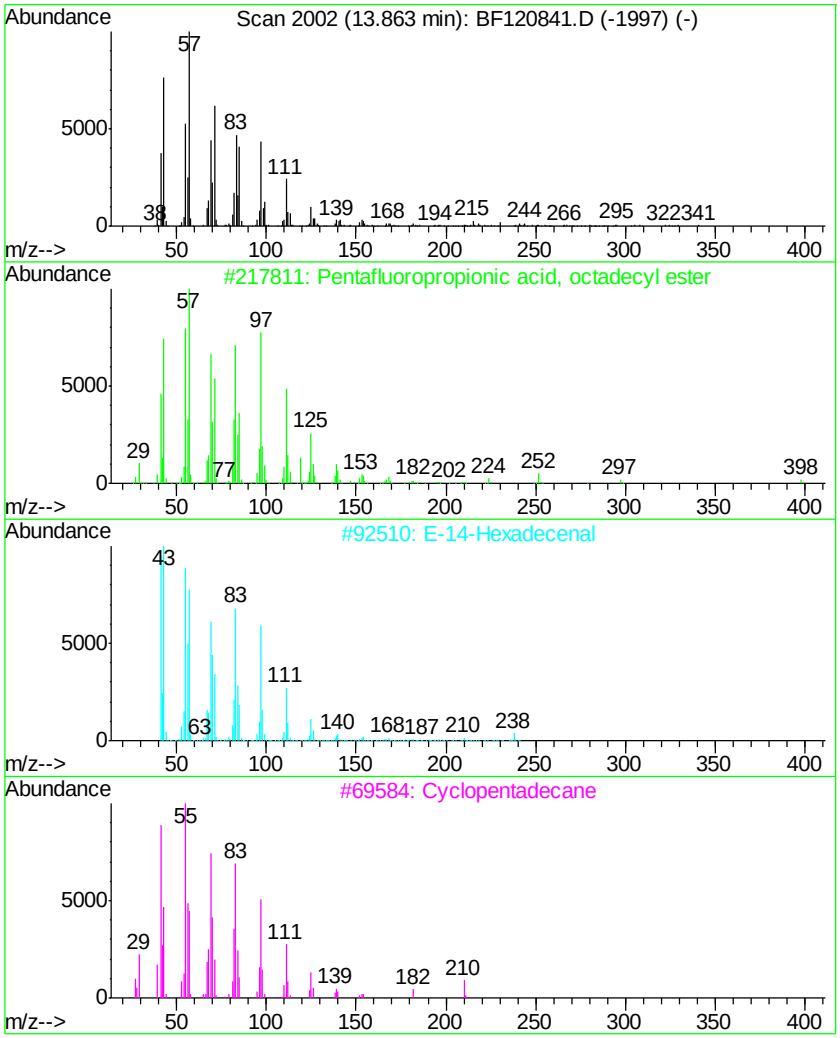
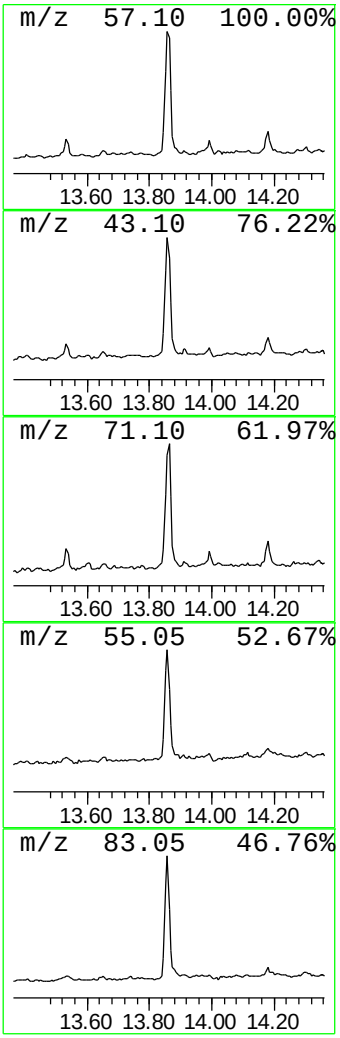
Peak Number 13 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.27 ng	942544	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	93





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Sample : L3257-04
Misc :
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Instrument : BNA_F
ClientSampleId : MH2

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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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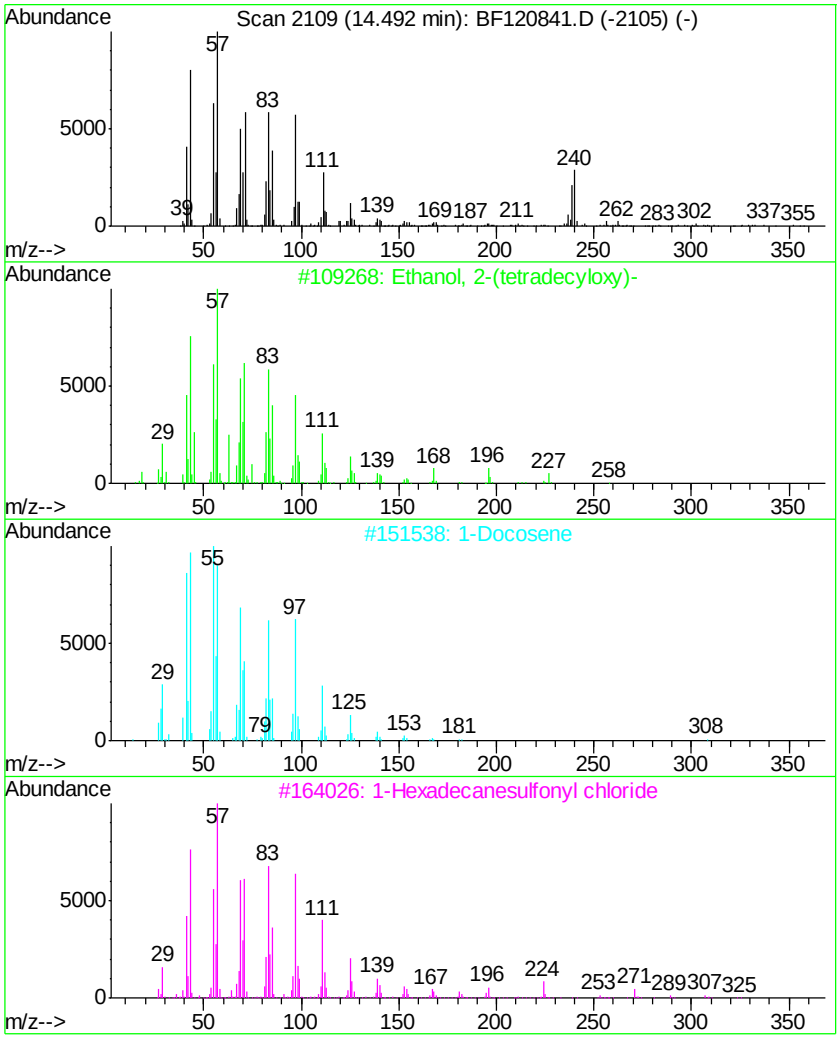
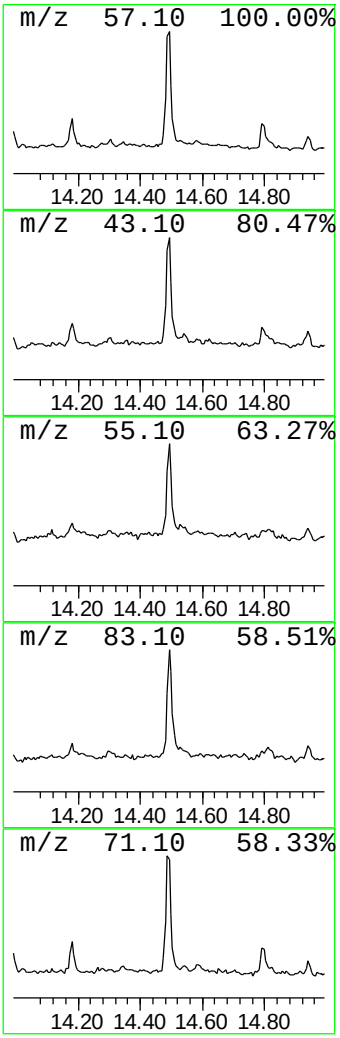
Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	5.40 ng	615822	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	1-Docosene	308	C22H44	001599-67-3	74
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74
4	1-Heneicosanol	312	C21H44O	015594-90-8	70
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	70





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Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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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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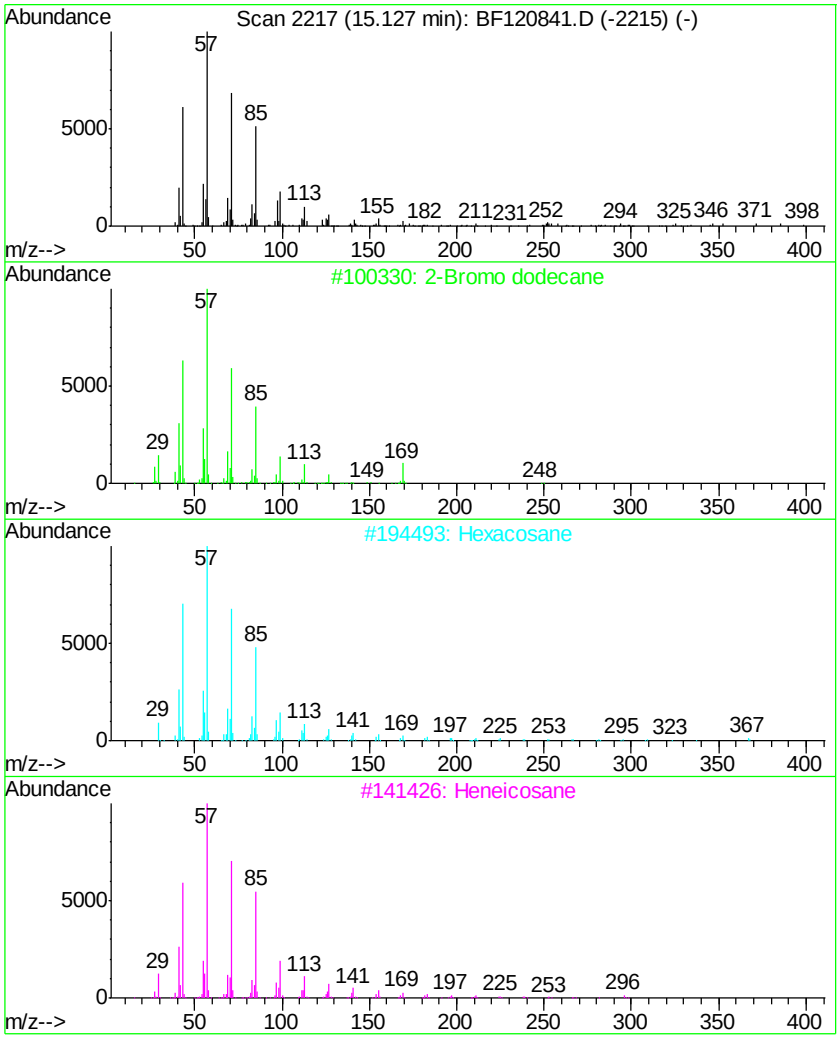
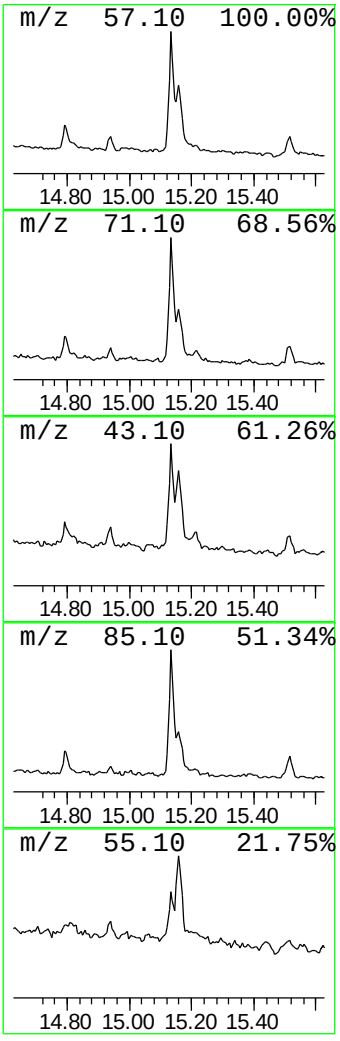
Peak Number 15 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	7.07 ng	336971	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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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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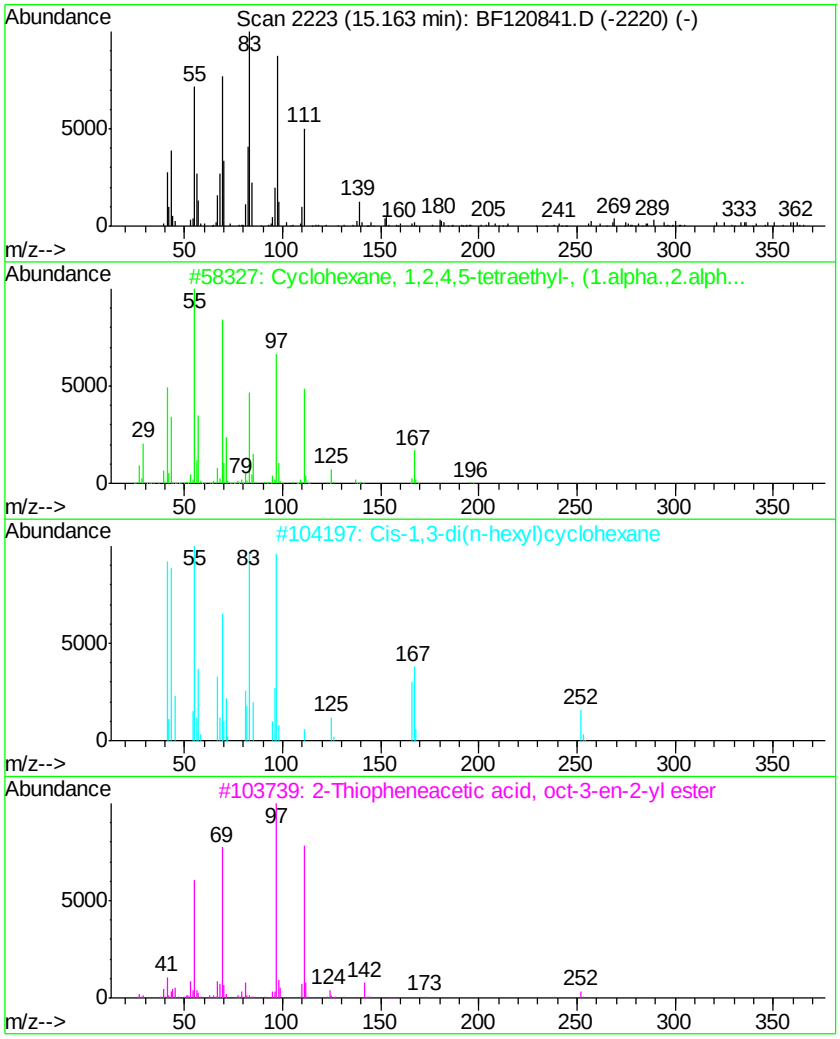
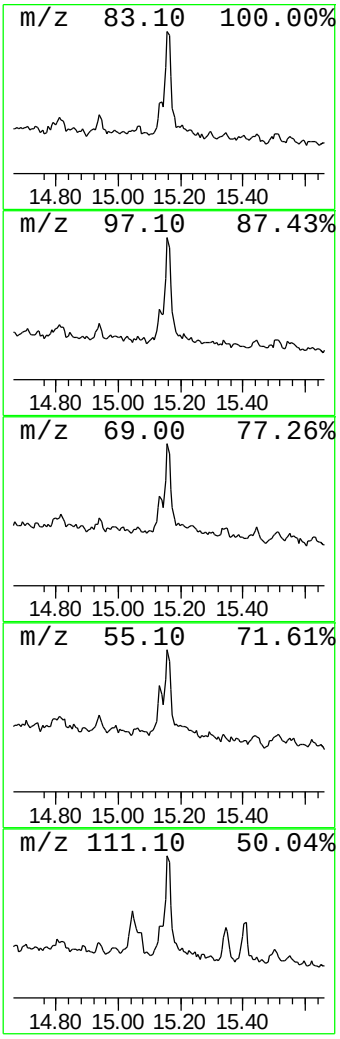
Peak Number 16 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	8.92 ng	425215	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	50
2	Cis-1,3-di(n-hexyl)cyclohexane	252	C18H36	086701-17-9	46
3	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	46
4	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	41
5	1-Octadecanol	270	C18H38O	000112-92-5	38





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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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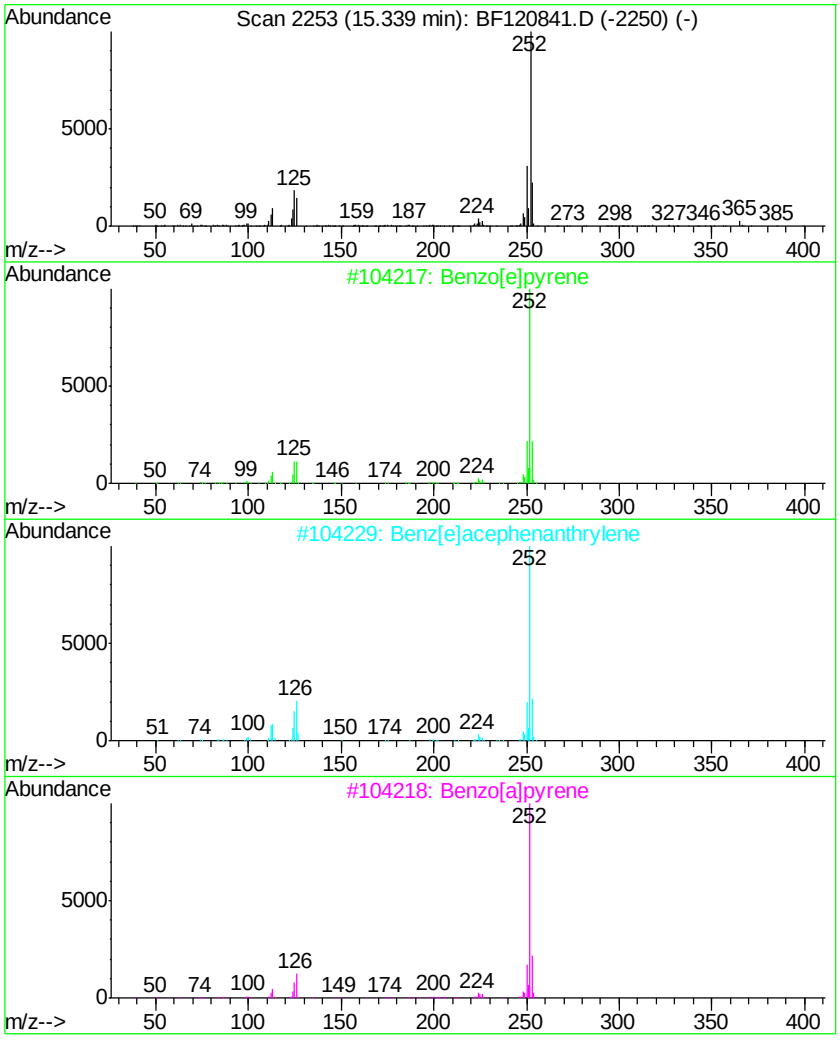
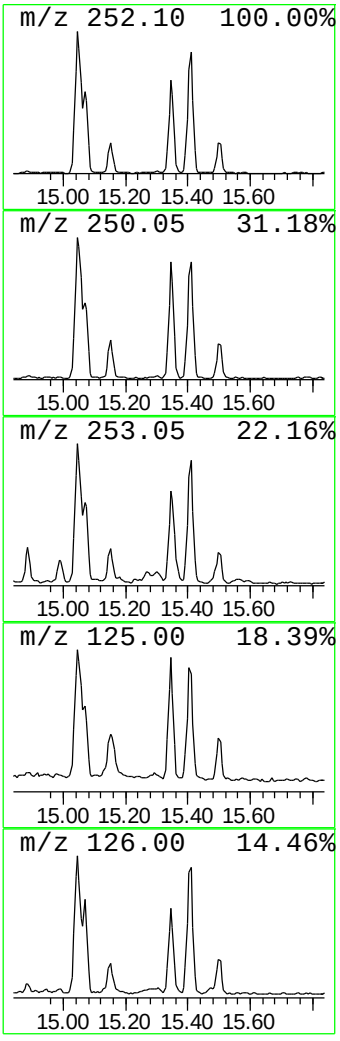
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	14.41 ng	686756	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

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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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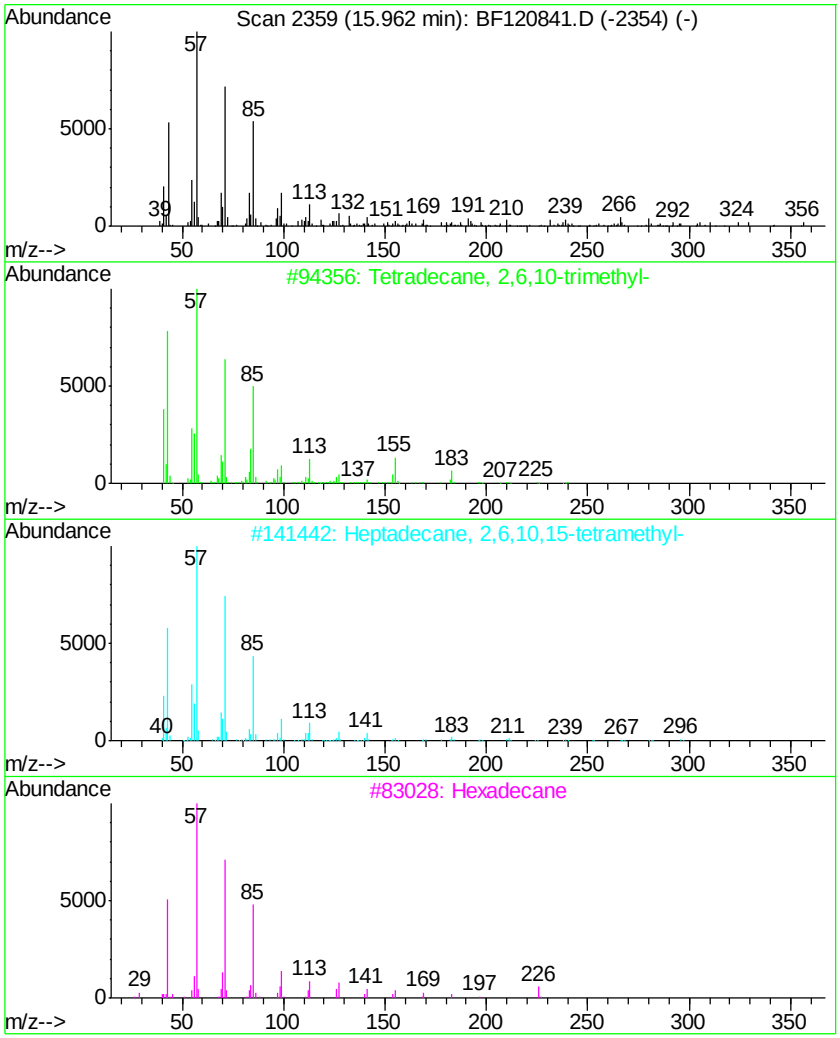
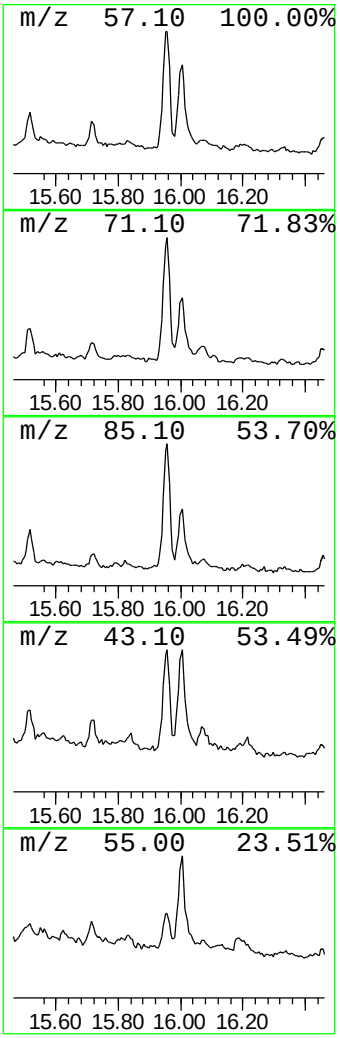
Peak Number 18 Tetradecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.48 ng	261302	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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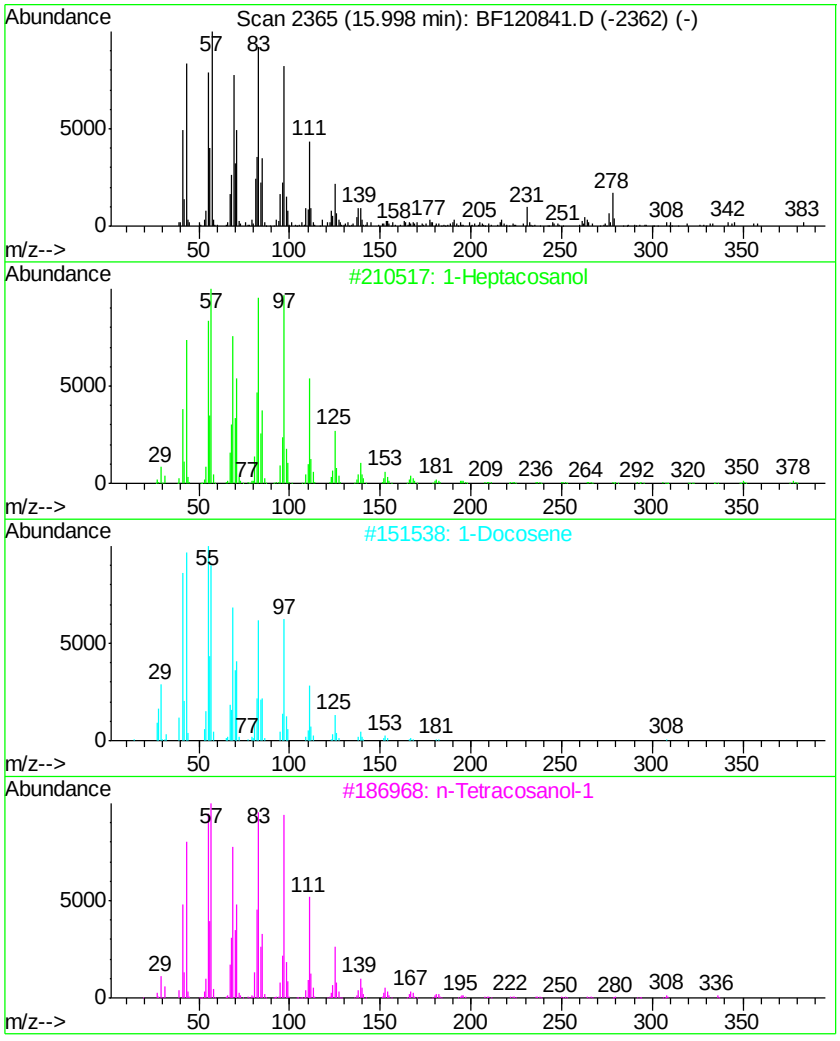
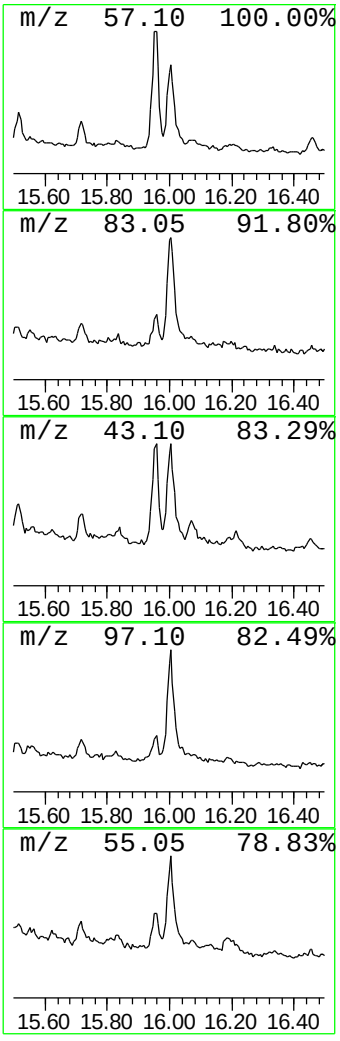
Peak Number 19 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	11.84 ng	564463	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Octacosanol	410	C28H58O	000557-61-9	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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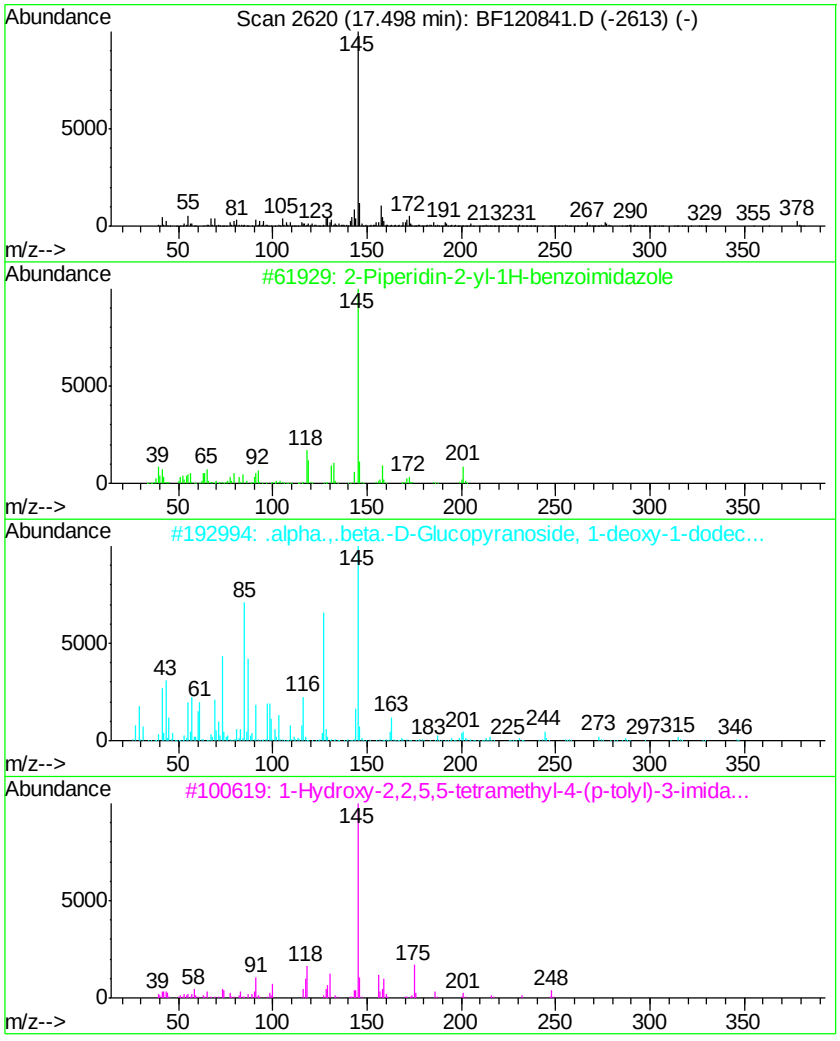
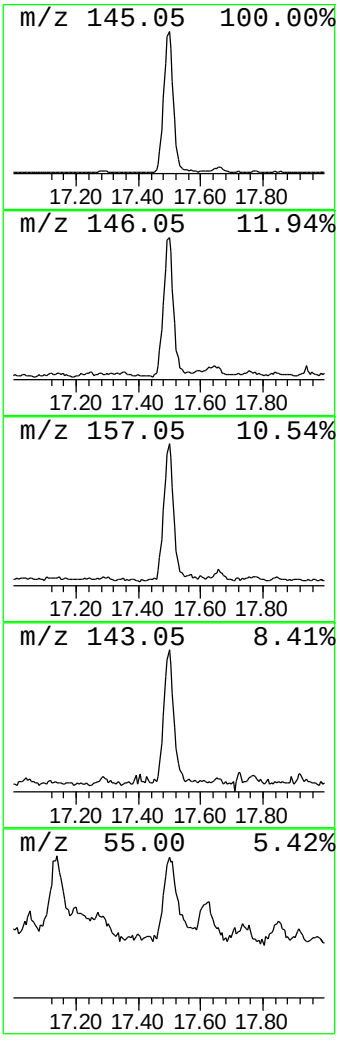
Peak Number 20 2-Piperidin-2-yl-1H-benzoim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	27.61 ng	1315650	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidin-2-yl-1H-benzoimidazole	201	C12H15N3	051785-23-0	50
2	.alpha.,.beta.-D-Glucopyranoside...	364	C18H36O5S	1000160-74-7	50
3	1-Hydroxy-2,2,5,5-tetramethyl-4-...	248	C14H20N2O2	078163-38-9	45
4	1,6-Naphthyridin-4-amine	145	C8H7N3	028593-08-0	45
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071020\
Data File : BF120841.D
Acq On : 10 Jul 2020 20:05
Operator : JU/CG
Sample : L3257-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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
Phenanthrene, 1-m...	11.87	3.0	ng	252553	4	11.37	1703970	20.0
Phenanthrene, 2-m...	11.90	5.8	ng	493620	4	11.37	1703970	20.0
4H-Cyclopenta[def...	11.98	6.2	ng	525480	4	11.37	1703970	20.0
Anthracene, 2-met...	12.00	2.1	ng	181538	4	11.37	1703970	20.0
9,10-Anthracenedione	12.19	2.3	ng	197955	4	11.37	1703970	20.0
Phenanthrene, 3,6...	12.42	2.7	ng	230857	4	11.37	1703970	20.0
unknown12.46	12.46	4.5	ng	379098	4	11.37	1703970	20.0
Pyrene, 1-methyl-	13.03	2.8	ng	316465	5	14.01	2280180	20.0
11H-Benzo[b]fluorene	13.14	3.3	ng	371806	5	14.01	2280180	20.0
11H-Benzo[a]fluorene	13.20	4.1	ng	466641	5	14.01	2280180	20.0
1,1-Dichloro-2,2-...	13.23	4.1	ng	462391	5	14.01	2280180	20.0
Pentafluoropropio...	13.86	8.3	ng	942544	5	14.01	2280180	20.0
Ethanol, 2-(tetra...	14.49	5.4	ng	615822	5	14.01	2280180	20.0
2-Bromo dodecane	15.13	7.1	ng	336971	6	15.47	953094	20.0
Cyclohexane, 1,2,...	15.16	8.9	ng	425215	6	15.47	953094	20.0
Benzo[e]pyrene	15.34	14.4	ng	686756	6	15.47	953094	20.0
Tetradecane, 2,6,...	15.96	5.5	ng	261302	6	15.47	953094	20.0
1-Heptacosanol	16.00	11.8	ng	564463	6	15.47	953094	20.0
2-Piperidin-2-yl-...	17.50	27.6	ng	1315650	6	15.47	953094	20.0