LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

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-BF040319.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	5.293	542	545	570	rBV	743499	1052975	24.97%	1.645%
2	6.328	718	721	738	rBV	793489	1159925	27.50%	1.812%
3	6.451	738	742	750	rVV	1184054	1131083	26.82%	1.767%
4	6.675	777	780	789	rBV	817078	721730	17.11%	1.127%
5	6.834	803	807	818	rBV	857509	865688	20.53%	1.352%
6	7.239	873	876	897	rBV	615621	720932	17.09%	1.126%
7	7.957	995	998	1001	rBV	1073644	970192	23.00%	1.516%
8	7.981	1001	1002	1009	rVB	256907	181982	4.32%	0.284%
9	8.675	1117	1120	1127	rBV	199262	176370	4.18%	0.276%
10	8.769	1132	1136	1146	rVB	173646	167193	3.96%	0.261%
11	9.033	1177	1181	1188	rBV	1370251	1253946	29.73%	1.959%
12	9.304	1222	1227	1230	rBV	119573	174047	4.13%	0.272%
13	9.369	1235	1238	1241	rVV	214664	229235	5.44%	0.358%
14	9.398	1241	1243	1246	rVV	144493	134462	3.19%	0.210%
15	9.433	1246	1249	1255	rVV2	123339	150019	3.56%	0.234%
16	9.486	1255	1258	1267	rVB	114584	148398	3.52%	0.232%
17	9.569	1270	1272	1278	rVB	167942	145659	3.45%	0.228%
18	9.710	1289	1296	1298	rBV	1193830	1149370	27.25%	1.796%
19	9.739	1298	1301	1306	rVV	598721	535253	12.69%	0.836%
20	9.916	1326	1331	1335	rVV	376686	382642	9.07%	0.598%
21	10.027	1347	1350	1353	rBV	107393	107789	2.56%	0.168%
22	10.257	1385	1389	1395	rVB	648058	655661	15.55%	1.024%
23	10.322	1395	1400	1401	rBV	99969	130994	3.11%	0.205%
24	10.416	1413	1416	1419	rVB	177940	176076	4.18%	0.275%
25	10.498	1424	1430	1436	rBV	872373	963062	22.84%	1.505%
26	10.622	1446	1451	1457	rVB6	78438	138981	3.30%	0.217%
27	10.804	1477	1482	1485	rBV2	185514	218734	5.19%	0.342%
28	10.886	1490	1496	1498	rVB4	87862	126557	3.00%	0.198%
29	10.951	1505	1507	1509	rVV2	112626	105433	2.50%	0.165%
30	11.004	1513	1516	1519	rVV	104985	108809	2.58%	0.170%
31	11.039	1519	1522	1527	rVV3	117829	179927	4.27%	0.281%
32	11.086	1527	1530	1536	rVB	291029	289507	6.86%	0.452%
33	11.192	1544	1548	1549	rBV	1103816	1031022	24.45%	1.611%
34	11.216	1549	1552	1555	rVV	3217664	3106344	73.66%	4.853%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.269	1556	1561	1564	rVV	1097585	1076811	25.53%	1.682%
36	11.310	1564	1568	1573	rVV3	97873	185953	4.41%	0.290%
37	11.427	1584	1588	1595	rBV2	210763	327669	7.77%	0.512%
38	11.480	1595	1597	1600	rVV2	124621	110980	2.63%	0.173%
39	11.522	1600	1604	1609	rVB2	121980	154313	3.66%	0.241%
40	11.692	1629	1633	1635	rVV	657423	611893	14.51%	0.956%
41	11.739	1635	1641	1644	rVV2	1772884	3050473	72.33%	4.765%
42	11.769	1644	1646	1649	rVV	453986	486692	11.54%	0.760%
43	11.804	1649	1652	1654	rVV	911458	1035875	24.56%	1.618%
44	11.822	1654	1655	1662	rVV	389837	399773	9.48%	0.625%
45	11.986	1679	1683	1687	rVV	357621	368682	8.74%	0.576%
46	12.027	1687	1690	1693	rVB2	160906	166615	3.95%	0.260%
47	12.133	1703	1708	1711	rBV2	151606	179103	4.25%	0.280%
48	12.169	1711	1714	1716	rVV	176745	155180	3.68%	0.242%
49	12.239	1722	1726	1729	rBV	412839	420325	9.97%	0.657%
50	12.280	1729	1733	1735	rVV	214865	276106	6.55%	0.431%
51	12.333	1738	1742	1745	rBV2	194110	256766	6.09%	0.401%
52	12.404	1750	1754	1757	rVV	3246960	3268219	77.49%	5.106%
53	12.445	1758	1761	1763	rVV2	227297	329942	7.82%	0.515%
54	12.469	1763	1765	1767	rVV	197478	229291	5.44%	0.358%
55	12.521	1767	1774	1777	rVV	2552839	4217365	100.00%	6.588%
56	12.551	1777	1779	1783	rVV	458594	632078	14.99%	0.987%
57	12.633	1787	1793	1796	rVV2	2951993	3602858	85.43%	5.628%
58	12.686	1799	1802	1806	rVV2	211276	291507	6.91%	0.455%
59	12.768	1810	1816	1819	rVV2	1180024	1220896	28.95%	1.907%
60	12.798	1819	1821	1825	rVB	153296	158946	3.77%	0.248%
61	12.845	1825	1829	1834	rBV3	260576	441905	10.48%	0.690%
62	12.933	1841	1844	1846	rBV3	211505	262450	6.22%	0.410%
63	12.957	1846	1848	1852	rVB	542224	506333	12.01%	0.791%
64	13.021	1857	1859	1862	rVV	382534	340489	8.07%	0.532%
65	13.063	1862	1866	1873	rVB3	432756	518871	12.30%	0.811%
66	13.151	1878	1881	1884	rBV	246522	209250	4.96%	0.327%
67	13.186	1884	1887	1890	rBV	241072	245480	5.82%	0.383%
68	13.474	1933	1936	1939	rVV	247863	243546	5.77%	0.380%
69	13.580	1949	1954	1955	rBV2	299695	348751	8.27%	0.545%
70	13.598	1955	1957	1959	rVV	299993	252076	5.98%	0.394%
71	13.627	1959	1962	1964	rVV	213007	233306	5.53%	0.364%

LSC Area Percent Report

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Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.680	1968	1971	1977	rVB3	243750	316721	7.51%	0.495%
73	13.821	1988	1995	1998	rBV2	1841091	2880462	68.30%	4.500%
74	13.851	1998	2000	2008	rVB	1502633	1362309	32.30%	2.128%
75	13.927	2008	2013	2017	rBV2	280574	337762	8.01%	0.528%
76	13.986	2019	2023	2027	rVV3	305742	381022	9.03%	0.595%
77	14.057	2033	2035	2038	rVB	142946	124239	2.95%	0.194%
78	14.174	2053	2055	2057	rVV	122286	105497	2.50%	0.165%
79	14.210	2057	2061	2064	rVV	409277	505272	11.98%	0.789%
80	14.245	2064	2067	2069	rVV2	209498	205765	4.88%	0.321%
81	14.286	2070	2074	2077	rVV	534462	653656	15.50%	1.021%
82	14.339	2080	2083	2084	rVV	209788	213739	5.07%	0.334%
83	14.357	2084	2086	2089	rVV2	200619	191488	4.54%	0.299%
84	14.404	2092	2094	2098	rVB2	122055	112550	2.67%	0.176%
85	14.539	2113	2117	2121	rBV6	107419	208551	4.95%	0.326%
86	14.586	2121	2125	2128	rVB	681886	736143	17.46%	1.150%
87	14.692	2140	2143	2146	rBV	188063	178937	4.24%	0.280%
88	14.839	2164	2168	2171	rBV	1215343	1791423	42.48%	2.799%
89	14.892	2174	2177	2182	rVB2	863264	969382	22.99%	1.514%
90	14.939	2182	2185	2189	rBV	248026	259371	6.15%	0.405%
91	15.033	2196	2201	2203	rBV5	83853	154773	3.67%	0.242%
92	15.115	2211	2215	2221	rVB	678355	837068	19.85%	1.308%
93	15.180	2221	2226	2230	rBV	1067768	1251496	29.67%	1.955%
94	15.233	2231	2235	2239	rBV2	1233511	1648417	39.09%	2.575%
95	15.633	2298	2303	2309	rBV2	474050	724634	17.18%	1.132%
96	16.080	2375	2379	2387	rVB	239171	437791	10.38%	0.684%
97	16.598	2461	2467	2475	rVB	426508	828939	19.66%	1.295%
98	16.751	2489	2493	2498	rBV2	98235	160619	3.81%	0.251%
99	17.003	2531	2536	2545	rVB	295676	571803	13.56%	0.893%
100	17.233	2570	2575	2584	rVB2	104219	255269	6.05%	0.399%

Sum of corrected areas: 64011863

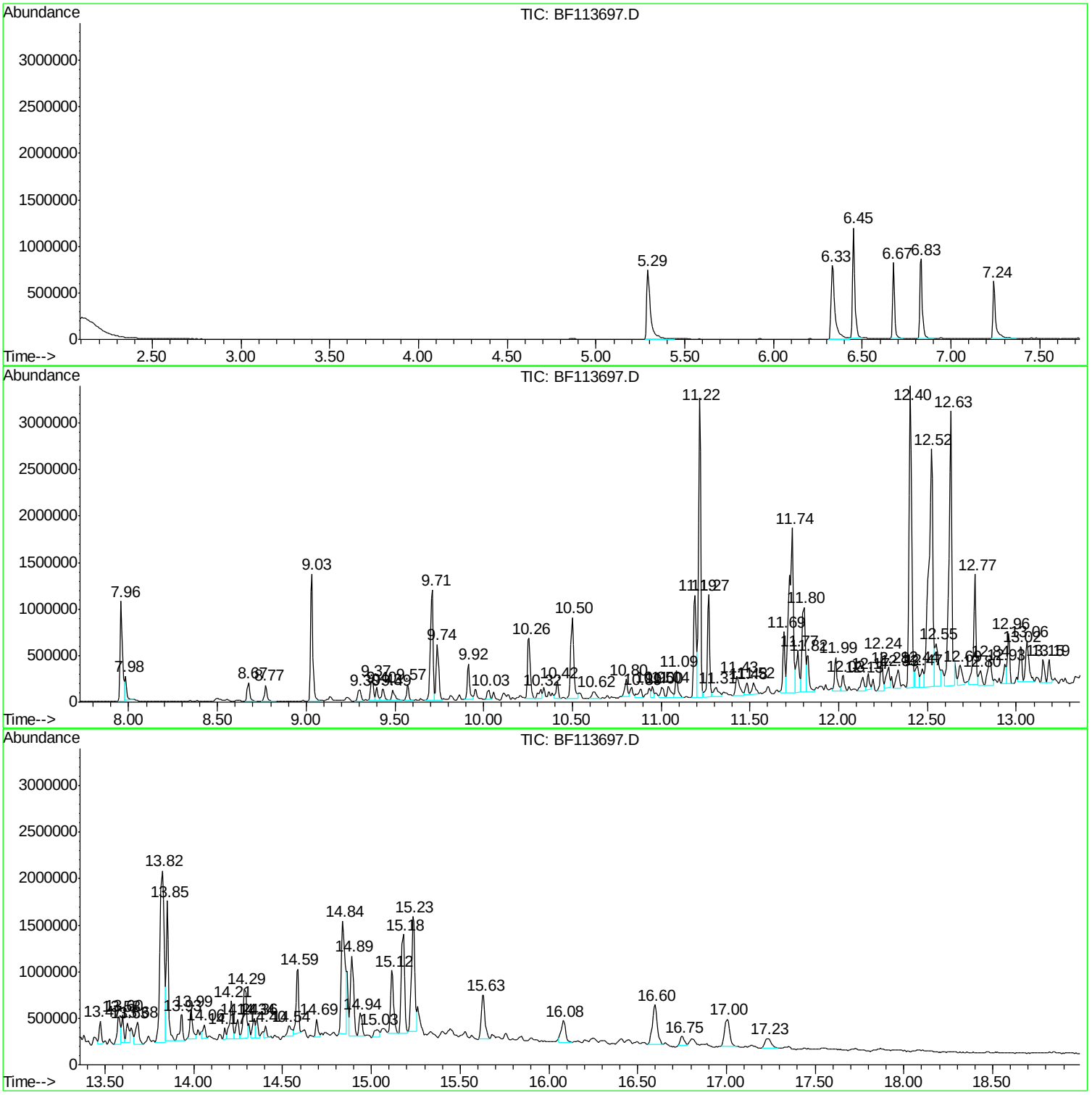
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

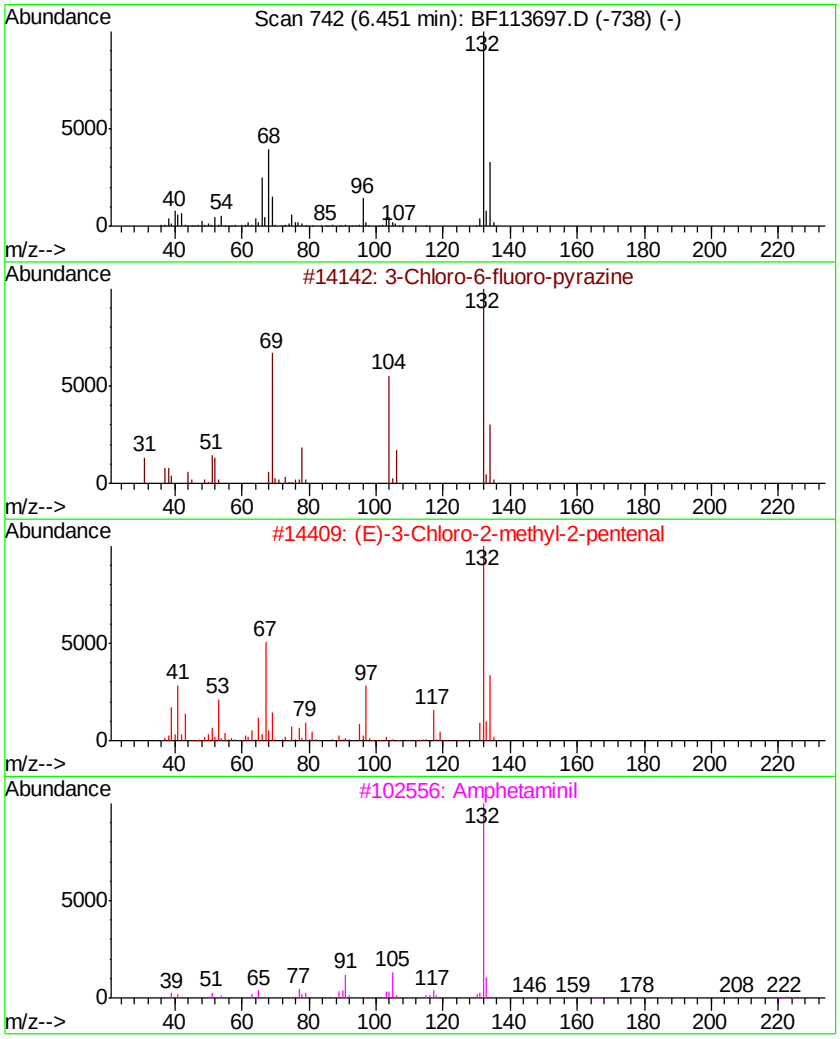
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

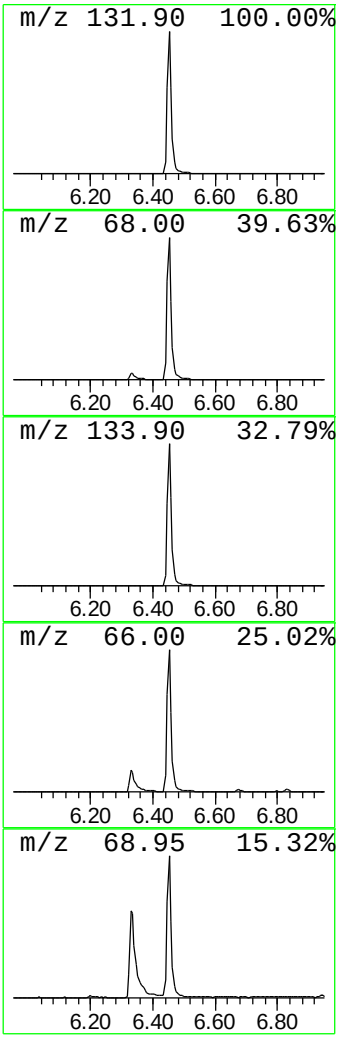
****

Peak Number 1 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	31.34 ng	1131080	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

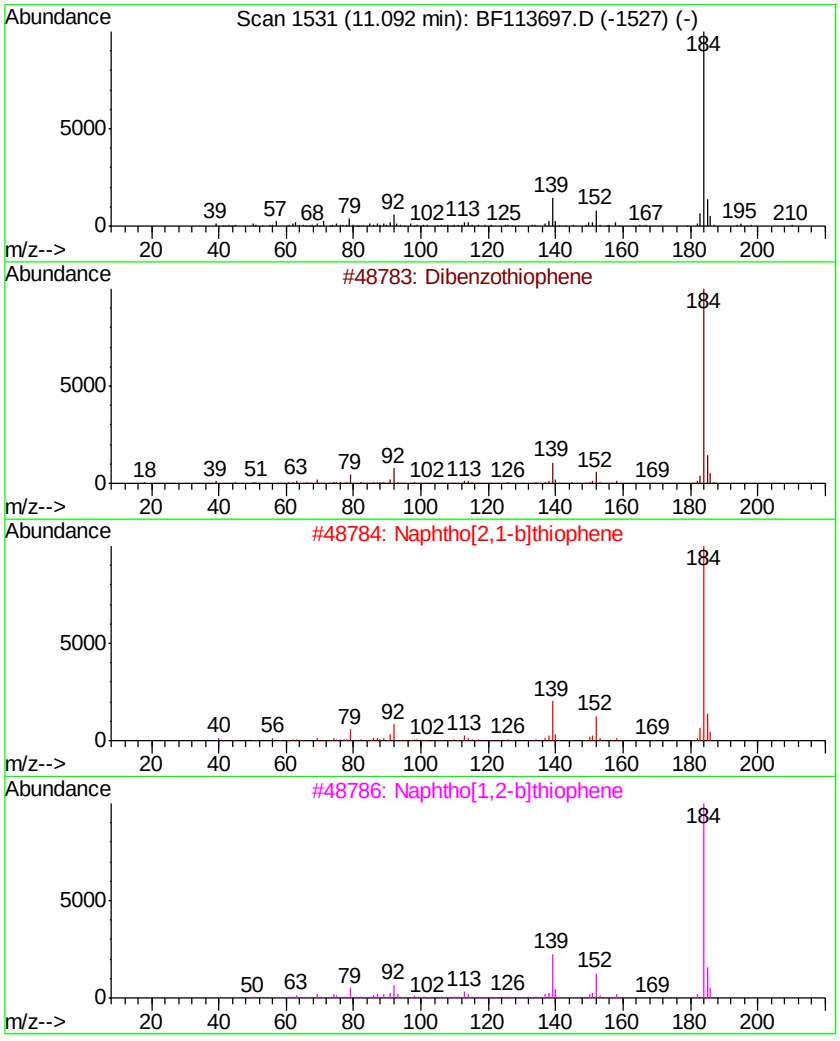
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

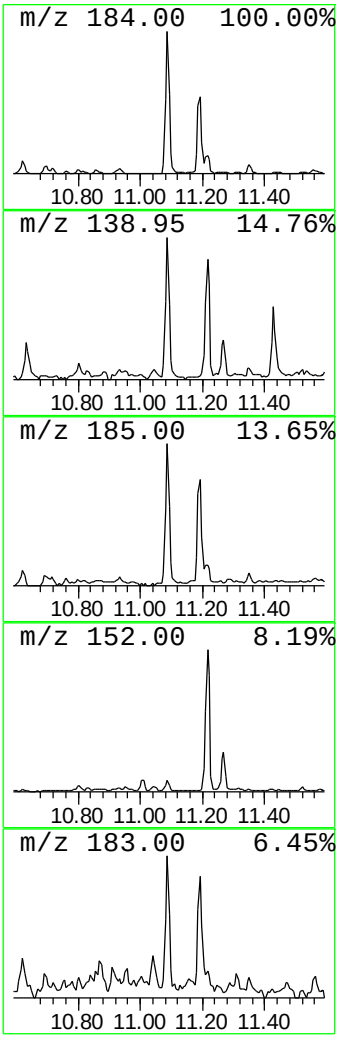
****

Peak Number 3 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.62 ng	289507	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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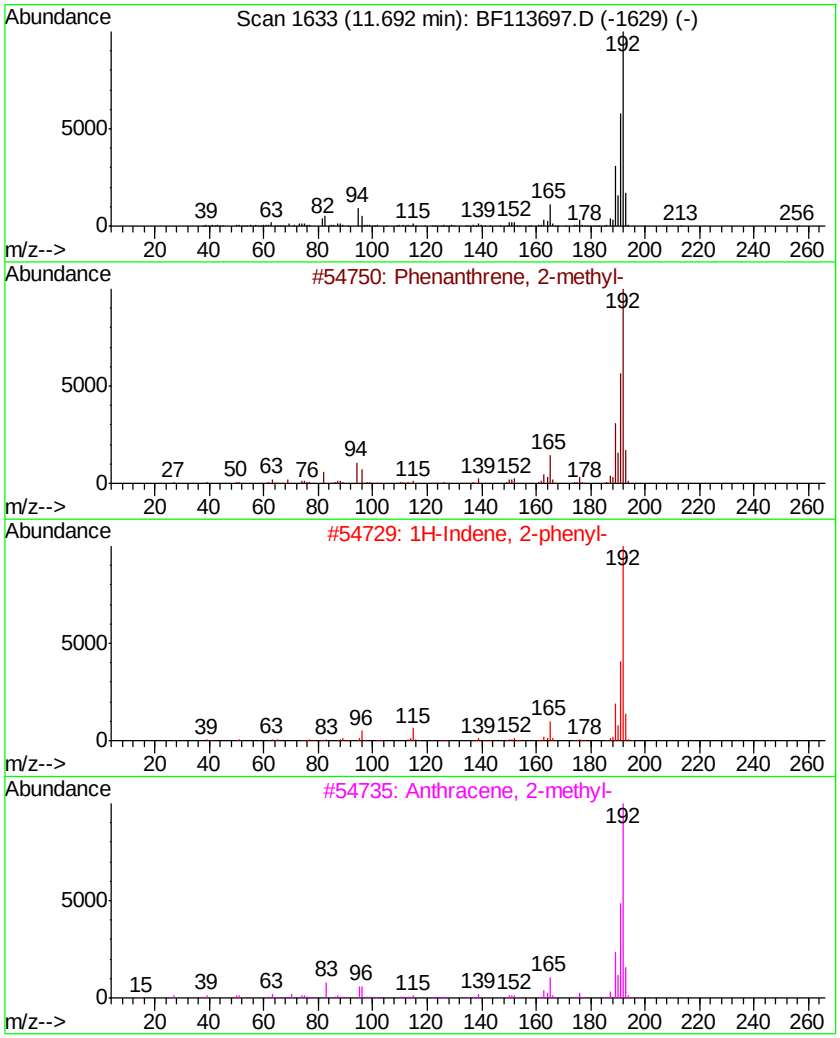
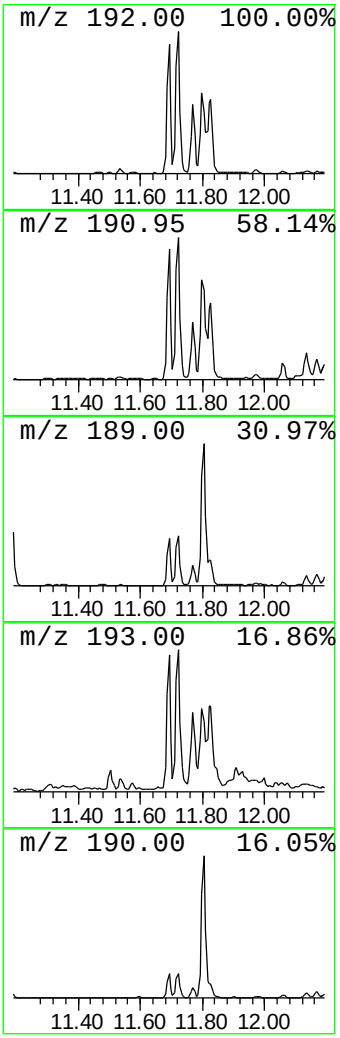
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	11.87 ng	611893	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

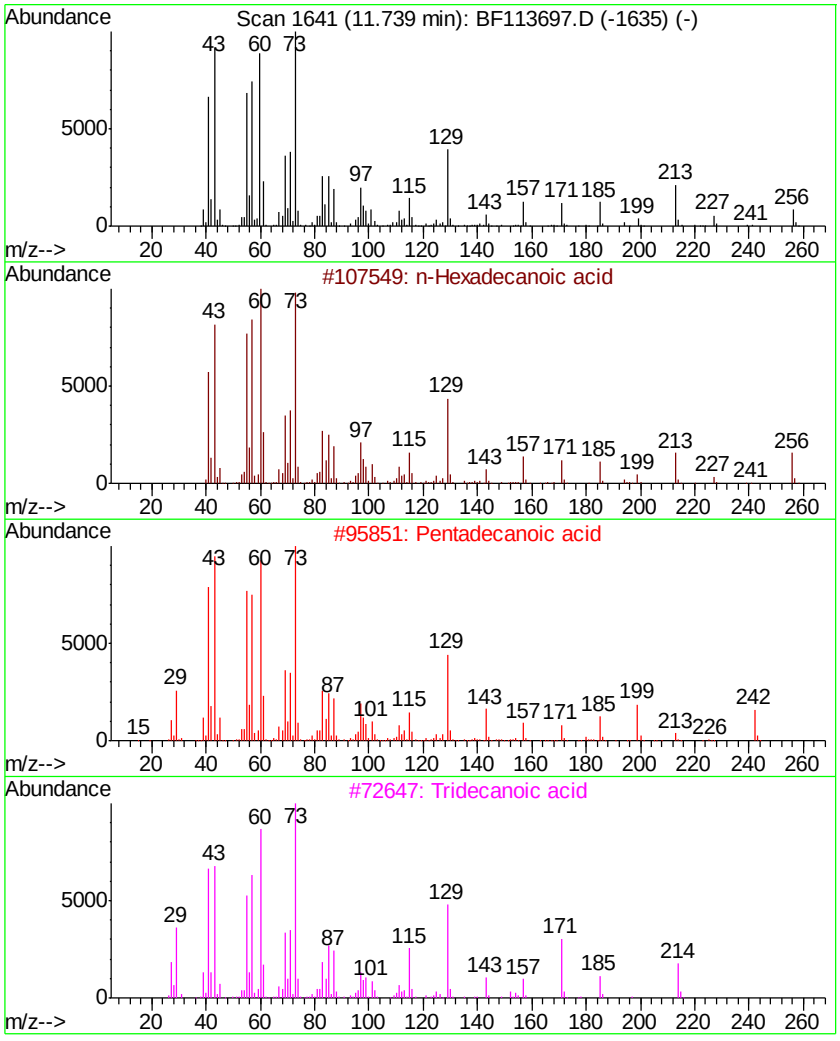
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

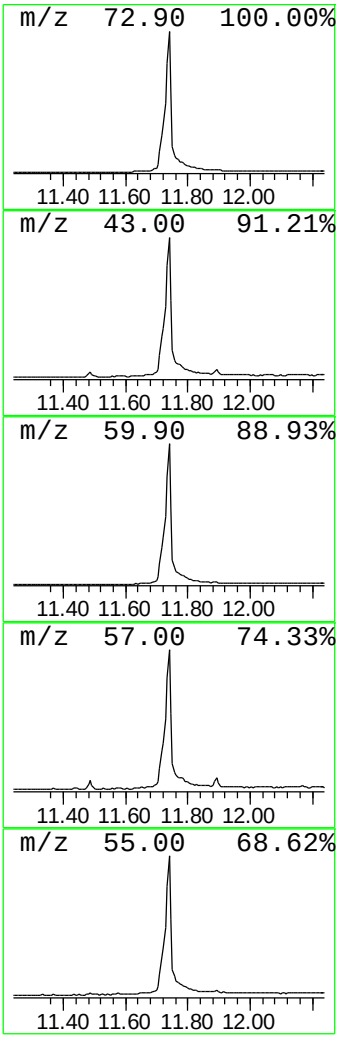
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	59.17 ng	3050470	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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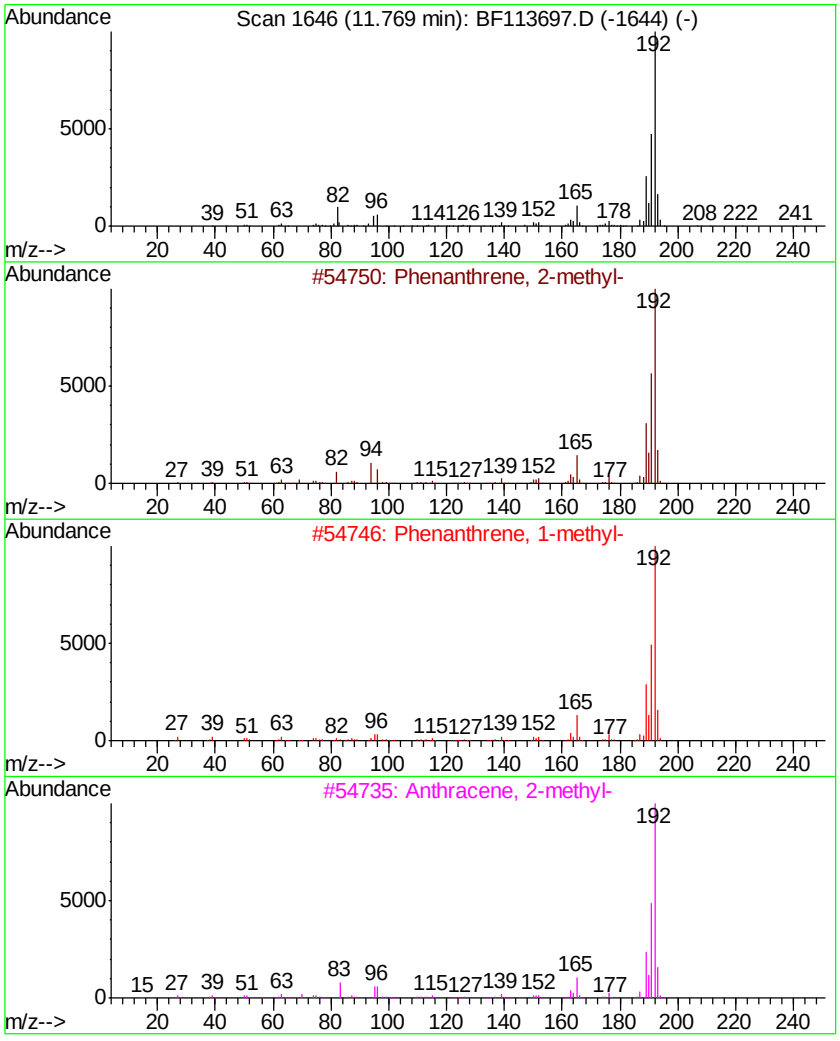
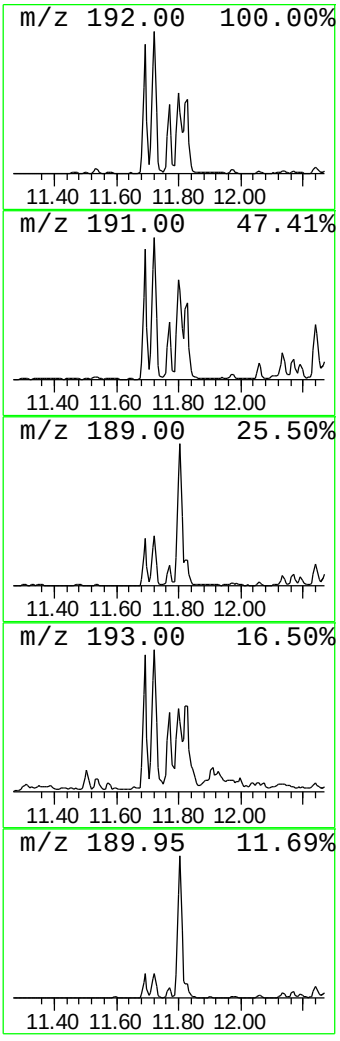
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.44 ng	486692	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Sample : K2199-05 2X
Misc :
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ClientSampleId : OR-03-040819-A

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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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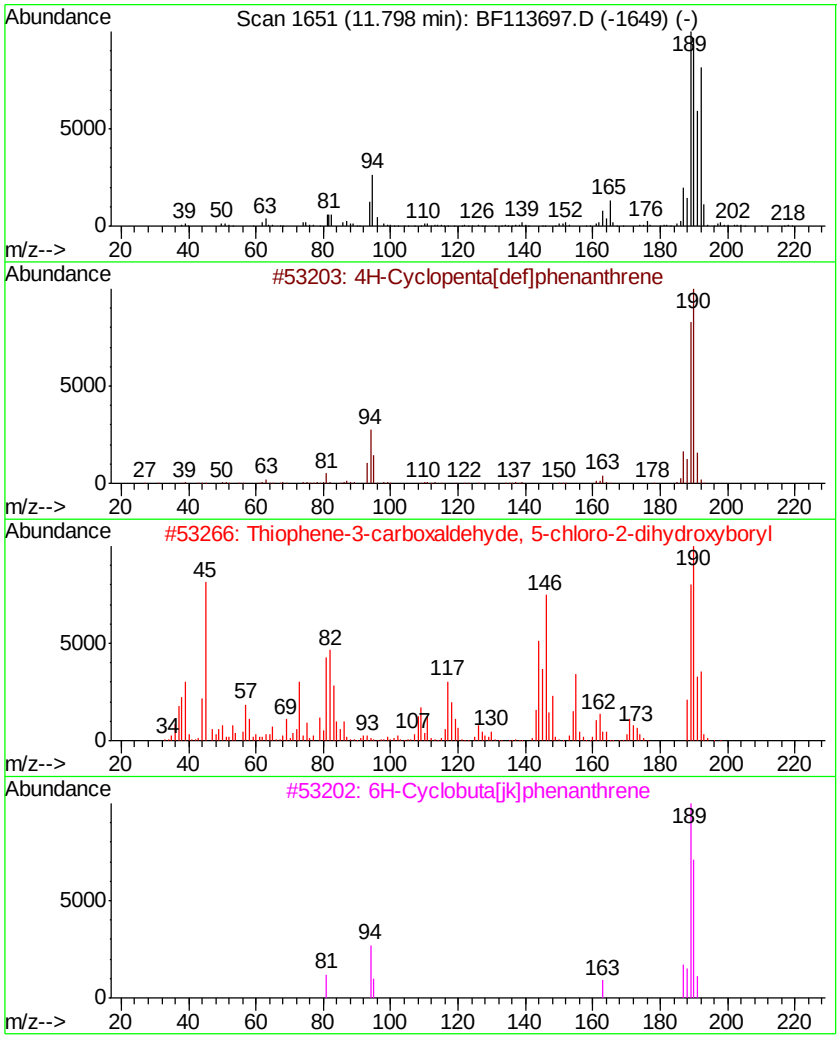
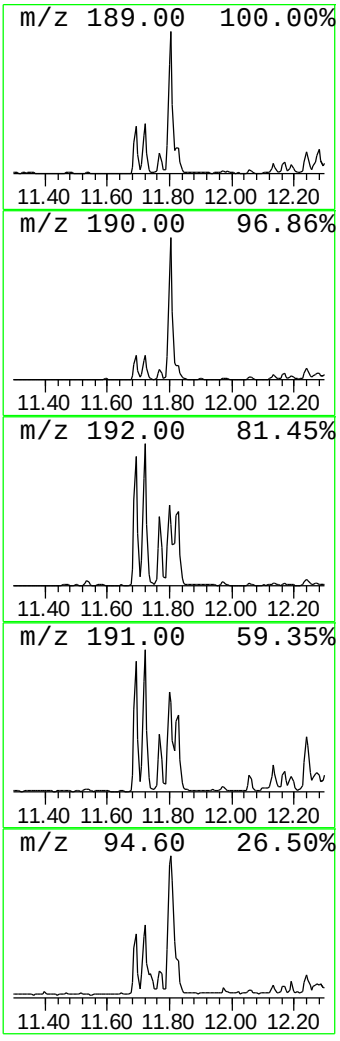
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	20.09 ng	1035880	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Sample : K2199-05 2X
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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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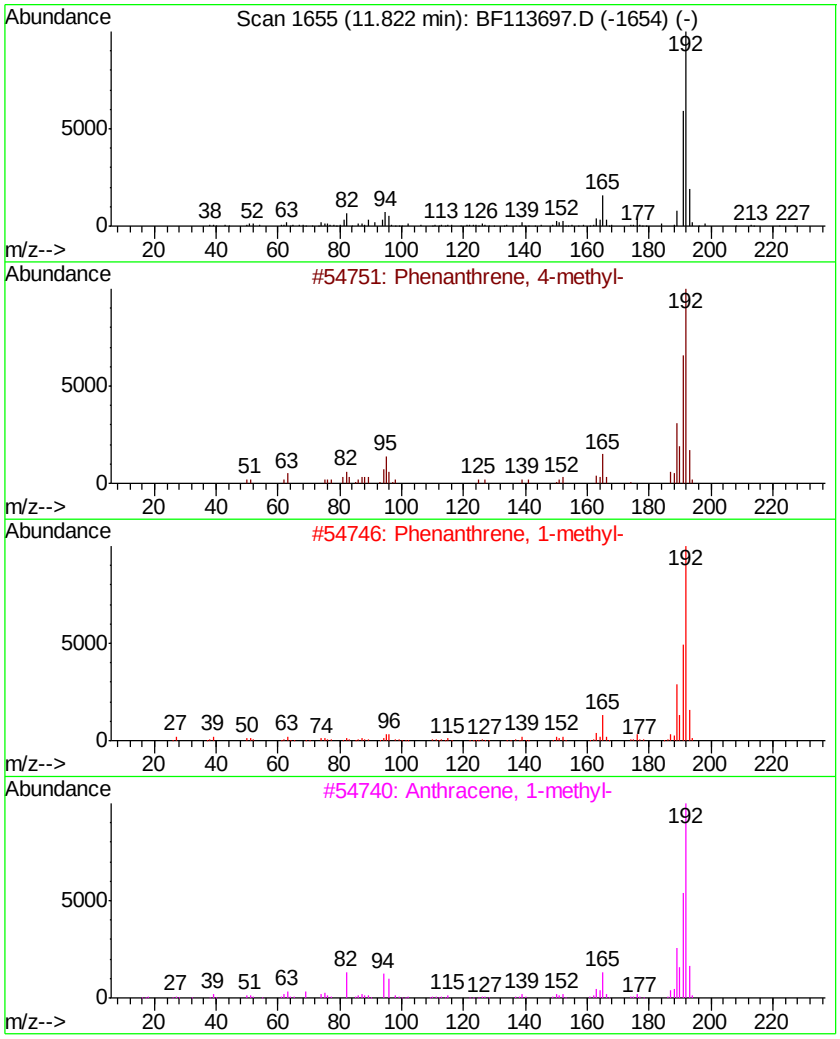
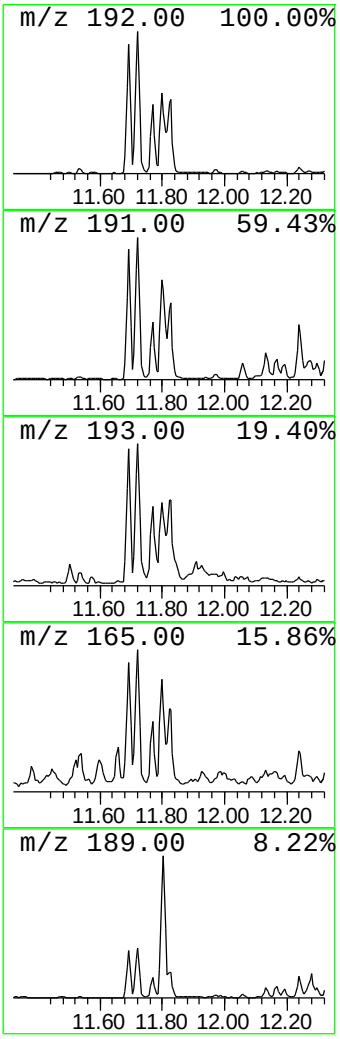
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	7.75 ng	399773	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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

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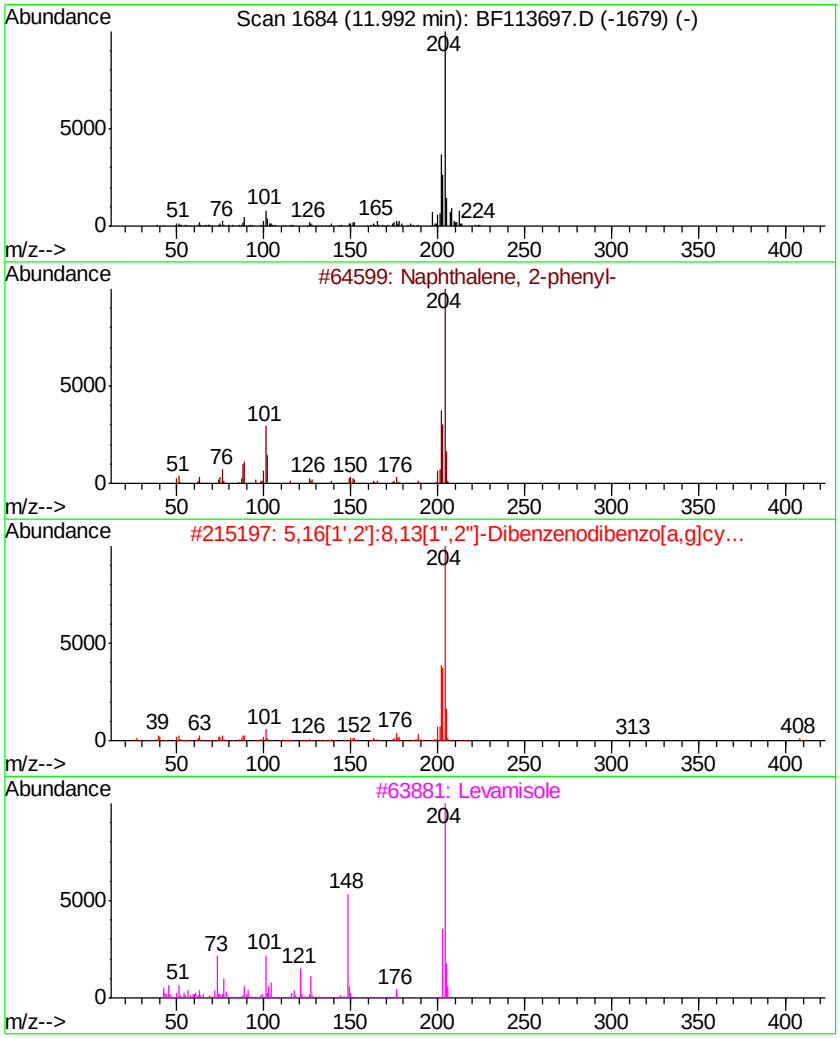
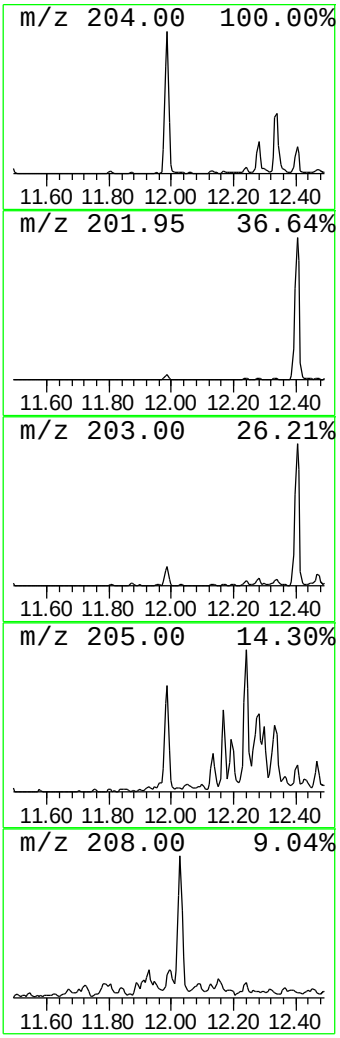
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.15 ng	368682	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Levamisole	204	C11H12N2S	014769-73-4	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52





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

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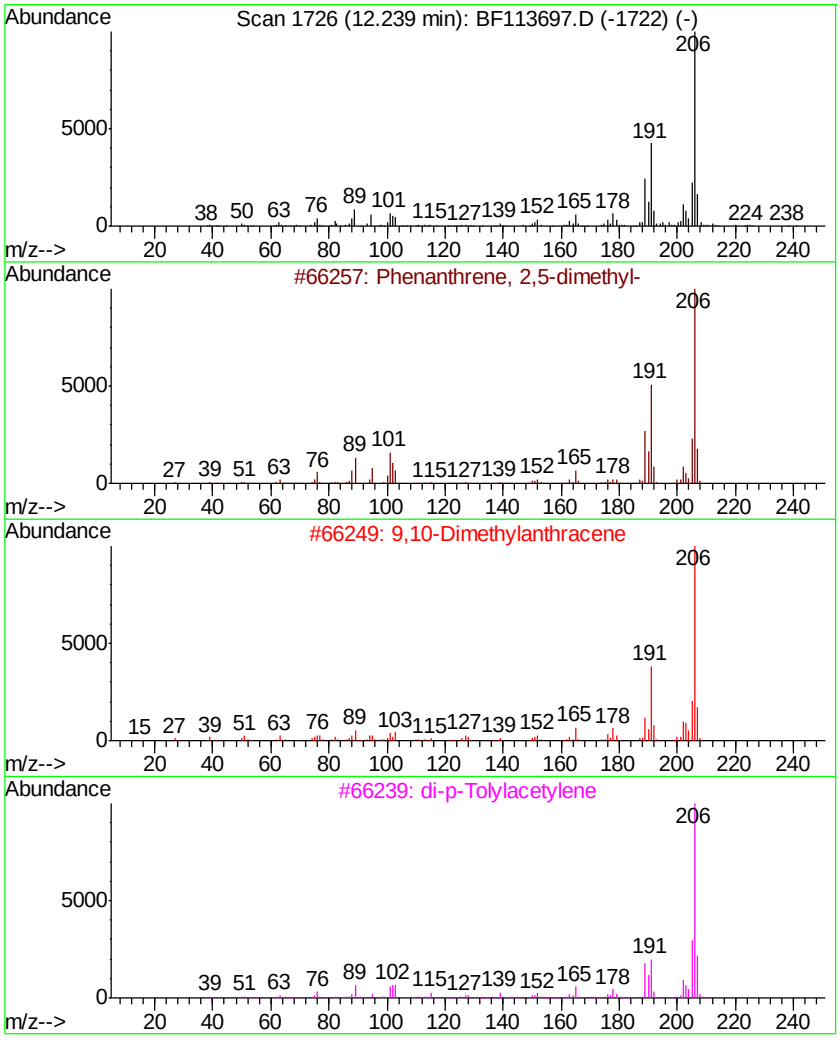
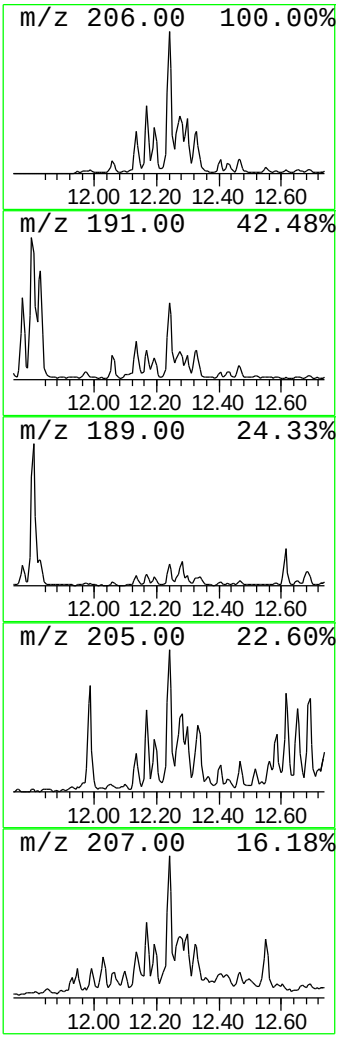
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	8.15 ng	420325	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





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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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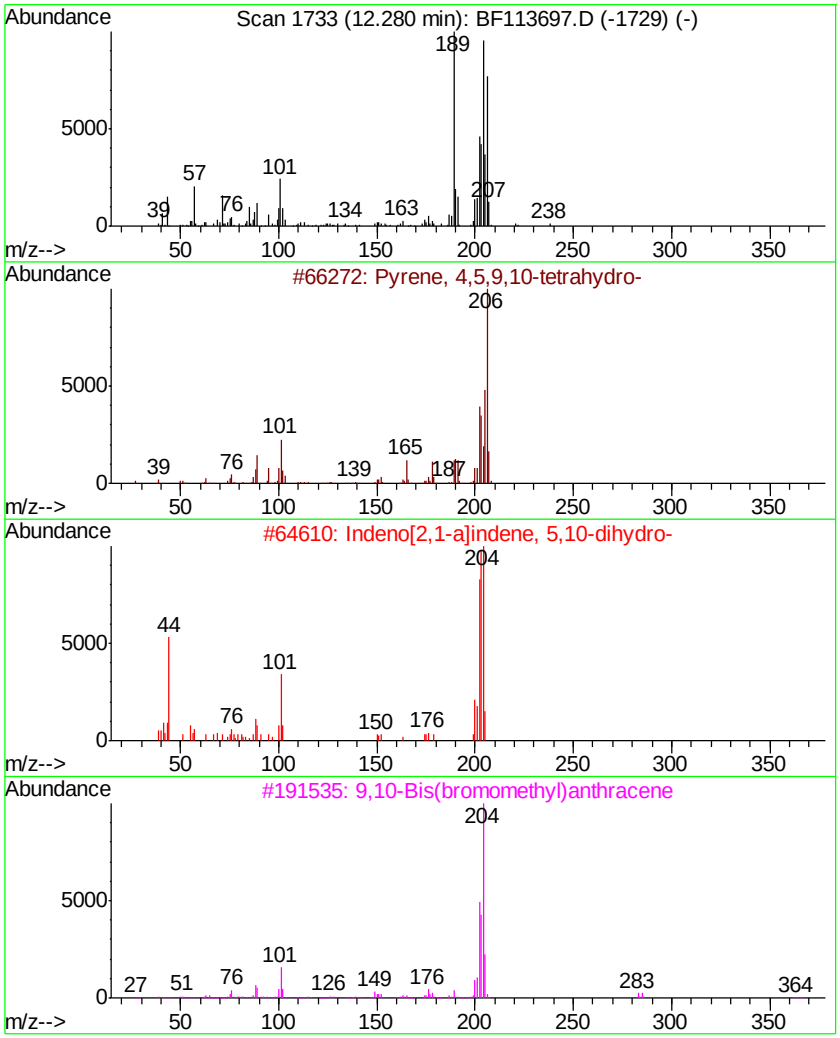
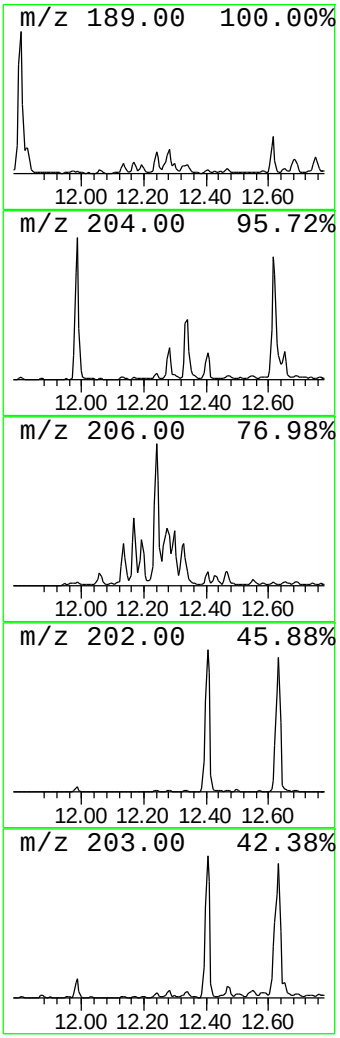
Peak Number 11 unknown12.28 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.36 ng	276106	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	38
5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	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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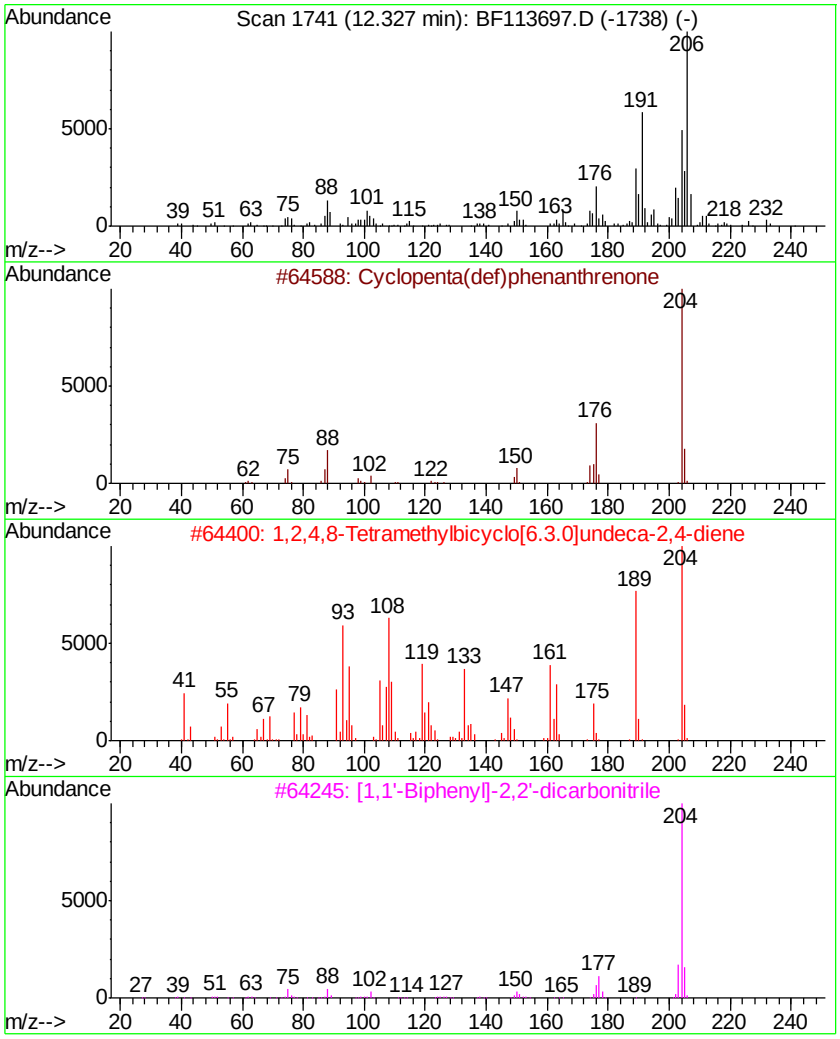
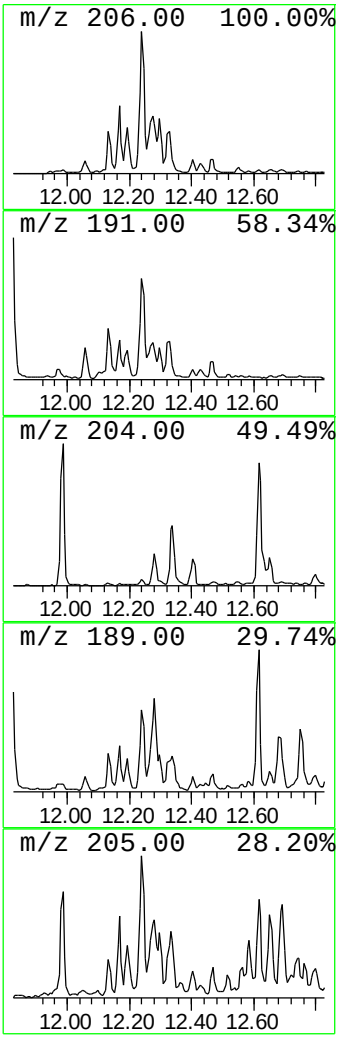
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	4.98 ng	256766	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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

TIC Library : C:\DATABASE\NIST11.L
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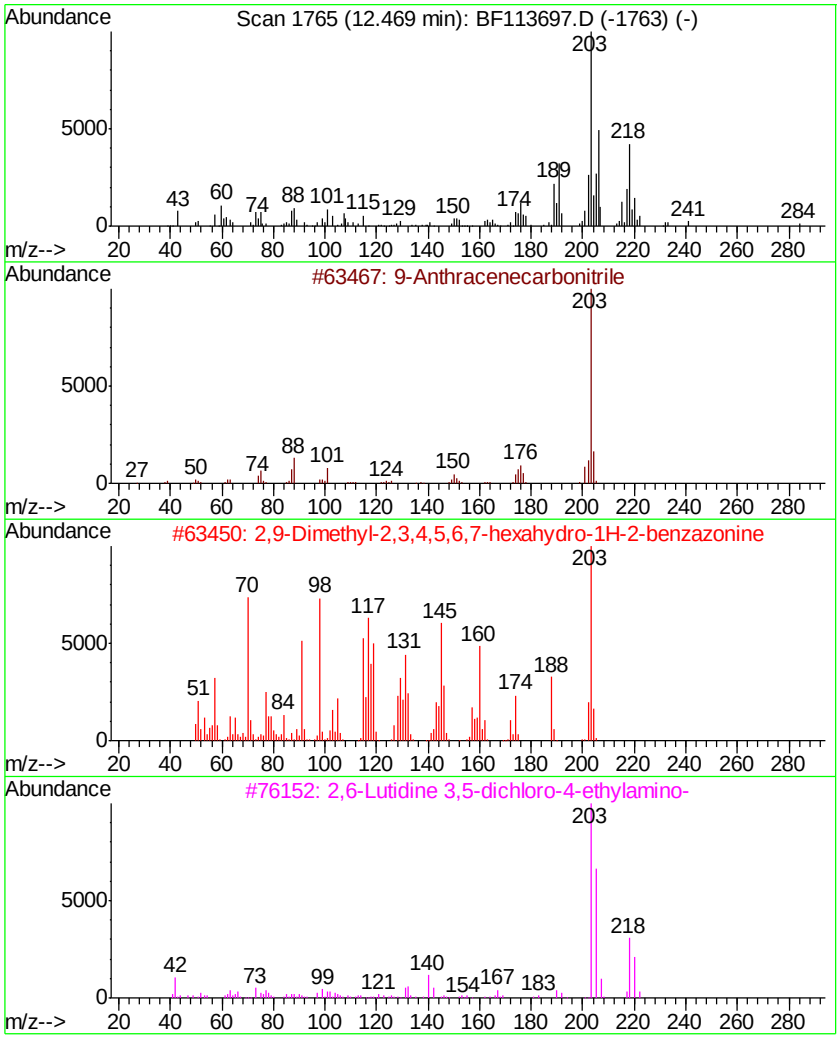
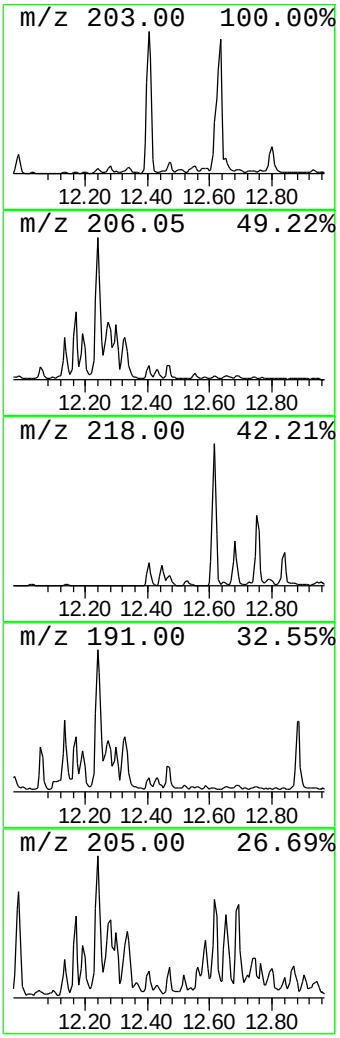
Peak Number 13 unknown12.47 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.45 ng	229291	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	47
2	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	38
3	2,6-Lutidine 3,5-dichloro-4-ethy...	218	C9H12Cl2N2	1000252-91-4	35
4	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	35
5	4-Azapyrene	203	C15H9N	000194-03-6	35





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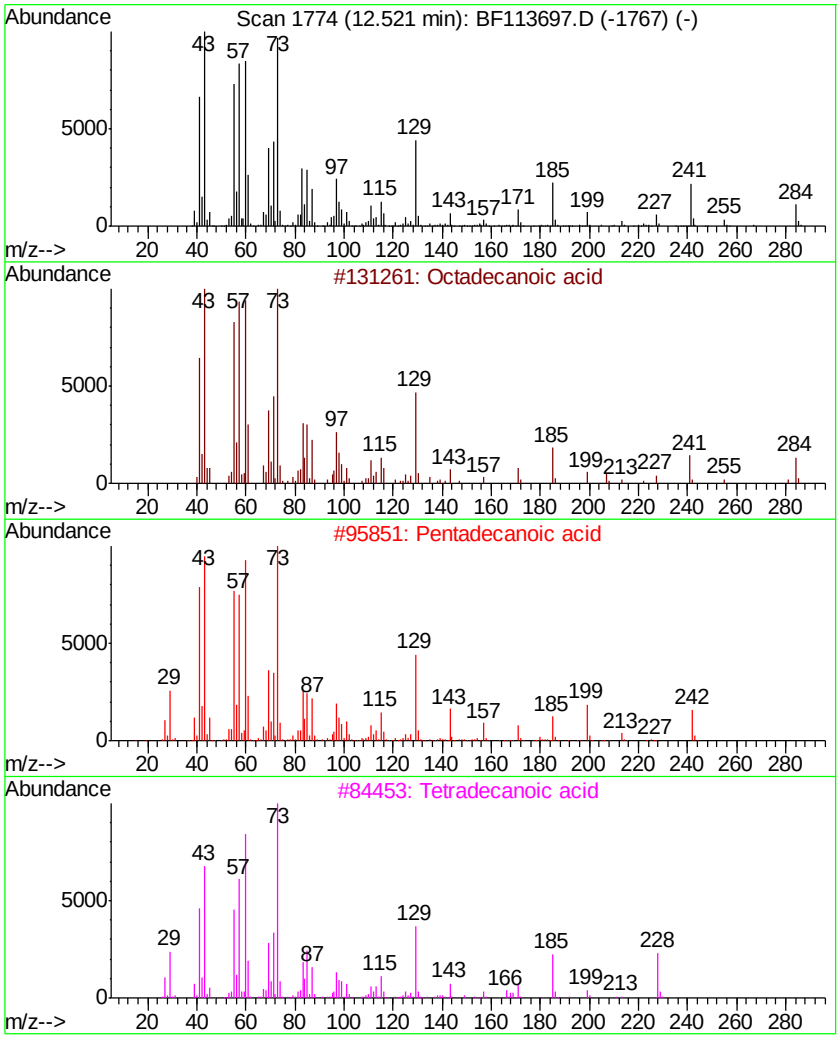
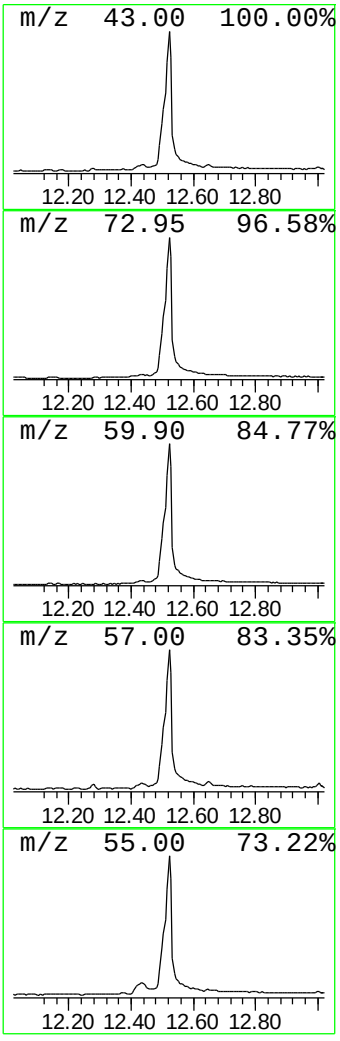
Peak Number 14 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	29.28 ng	4217370	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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TIC Library : C:\DATABASE\NIST11.L
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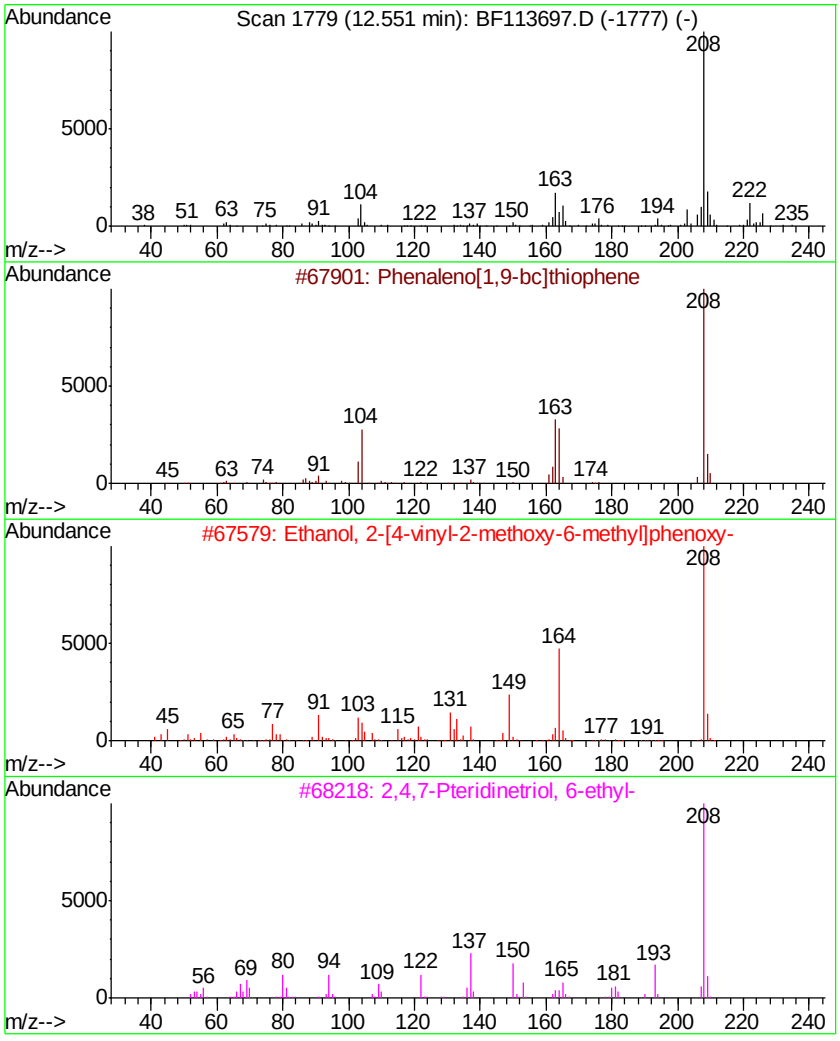
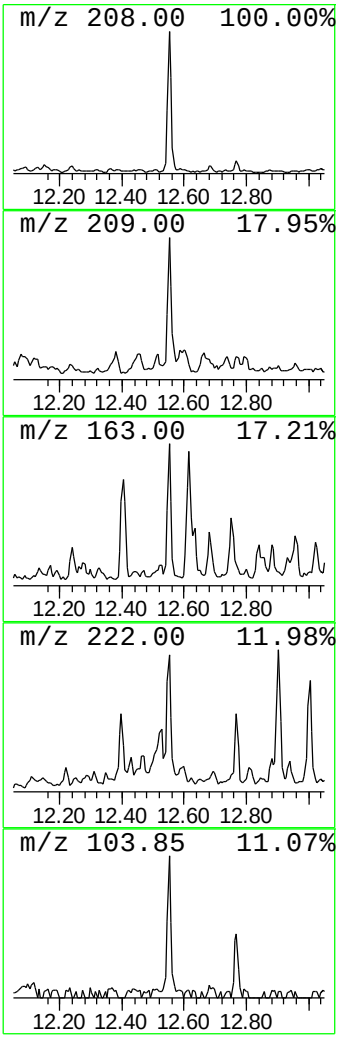
Peak Number 15 Phenaleno[1,9-bc]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.39 ng	632078	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	72
2	Ethanol, 2-[4-vinyl-2-methoxy-6-...	208	C12H16O3	1000132-26-4	59
3	2,4,7-Pteridinetriol, 6-ethyl-	208	C8H8N4O3	031053-47-1	59
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	53
5	Chromium,(.eta.<7>-cycloheptatri...	208	C12H12Cr	012093-81-1	50





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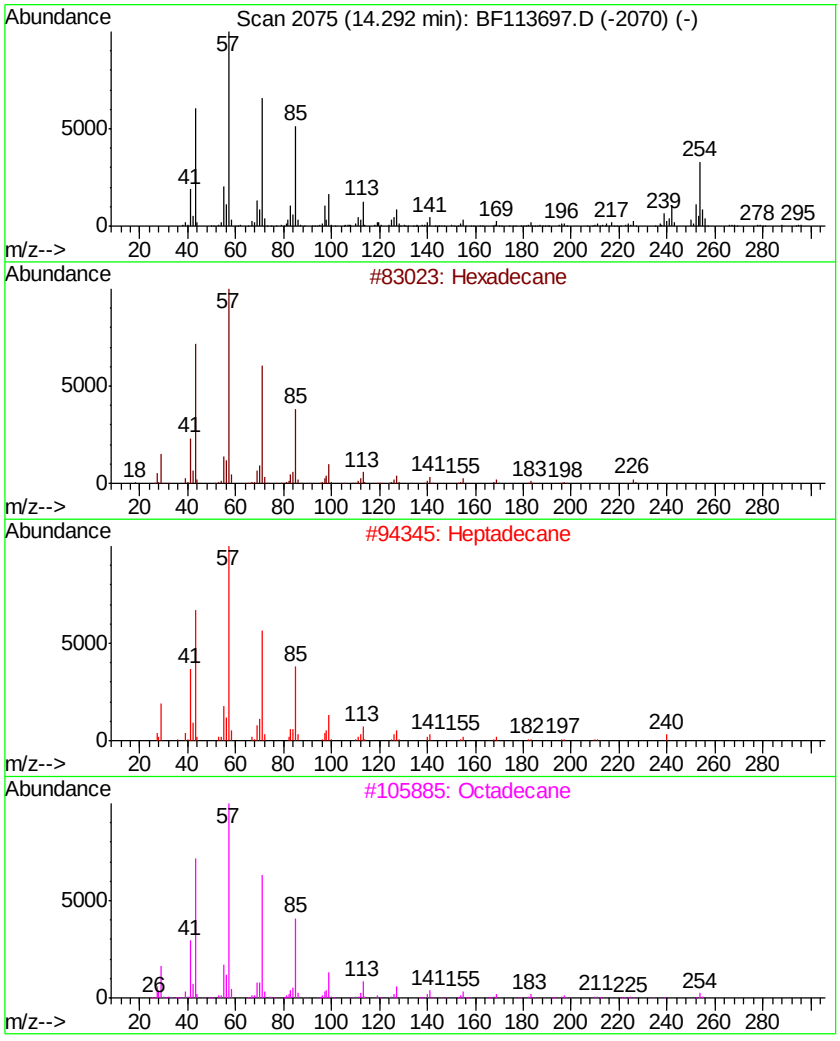
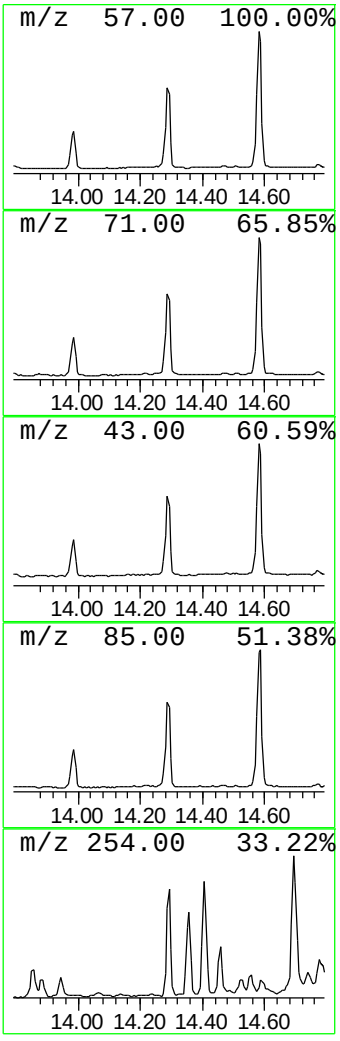
Peak Number 16 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.54 ng	653656	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Octadecane	254	C18H38	000593-45-3	68
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tetracosane	338	C24H50	000646-31-1	62





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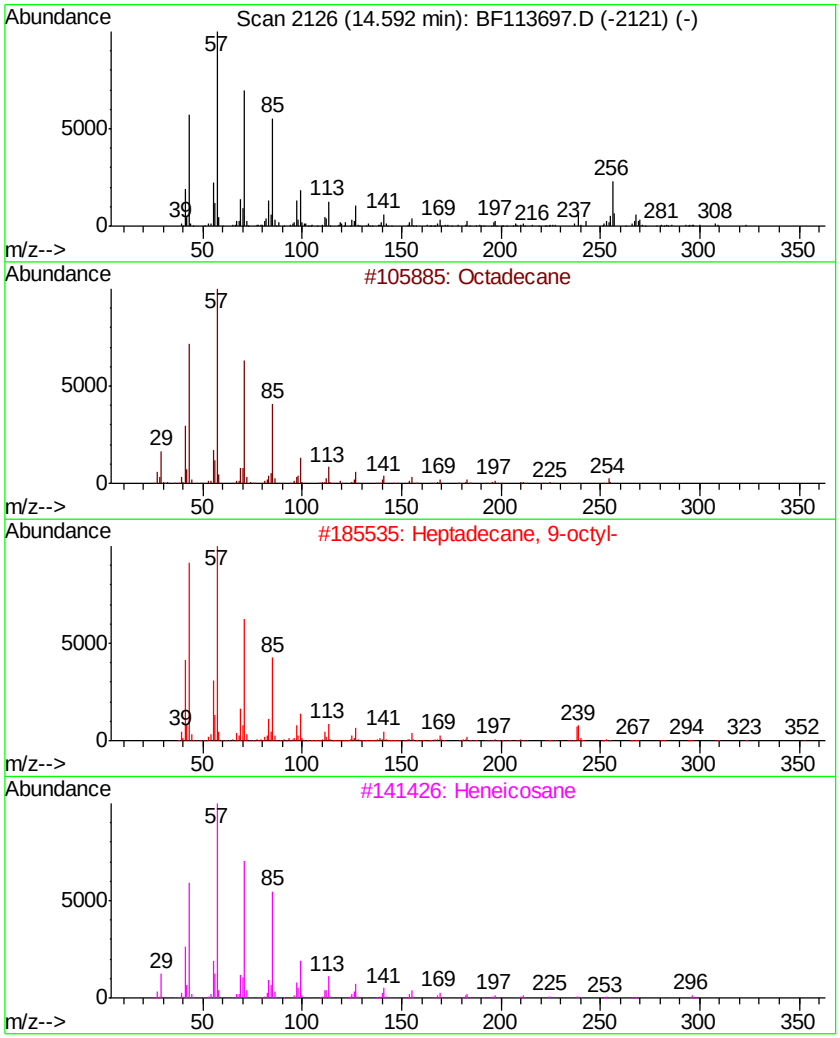
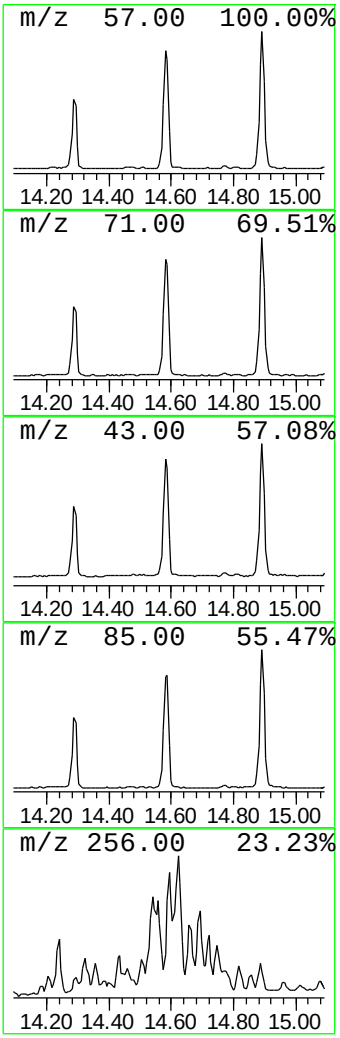
Peak Number 17 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	8.93 ng	736143	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane	282	C20H42	000112-95-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113697.D
Acq On : 10 Apr 2019 15:31
Operator : JU/SJ
Sample : K2199-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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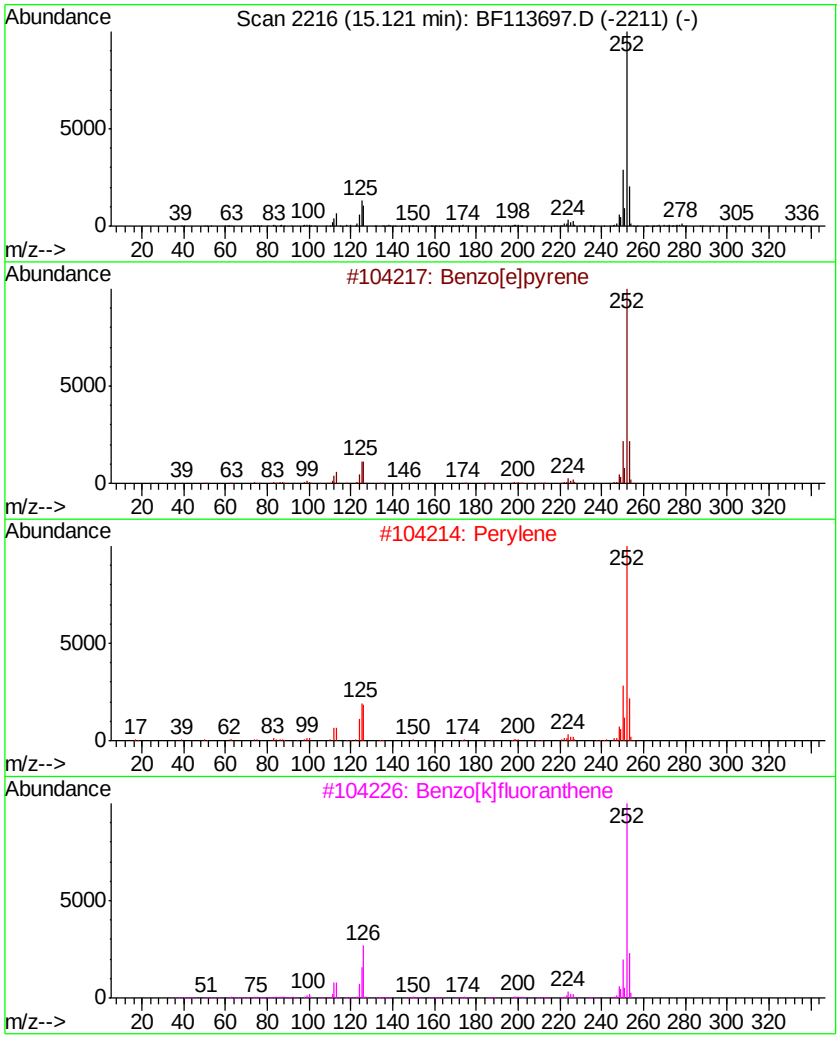
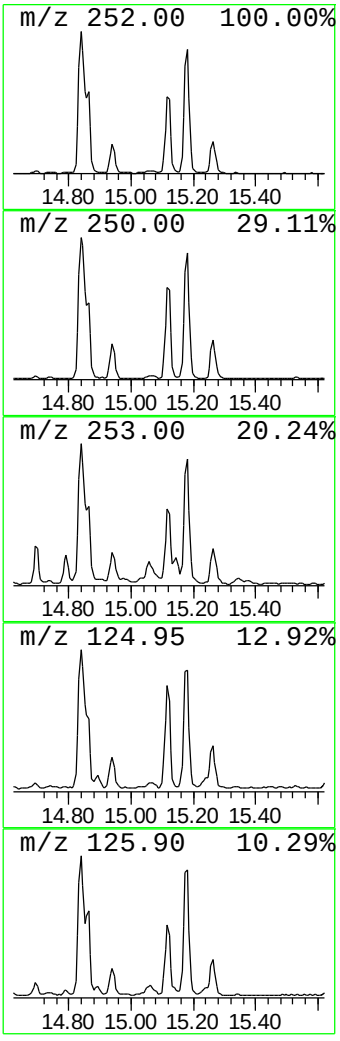
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	10.16 ng	837068	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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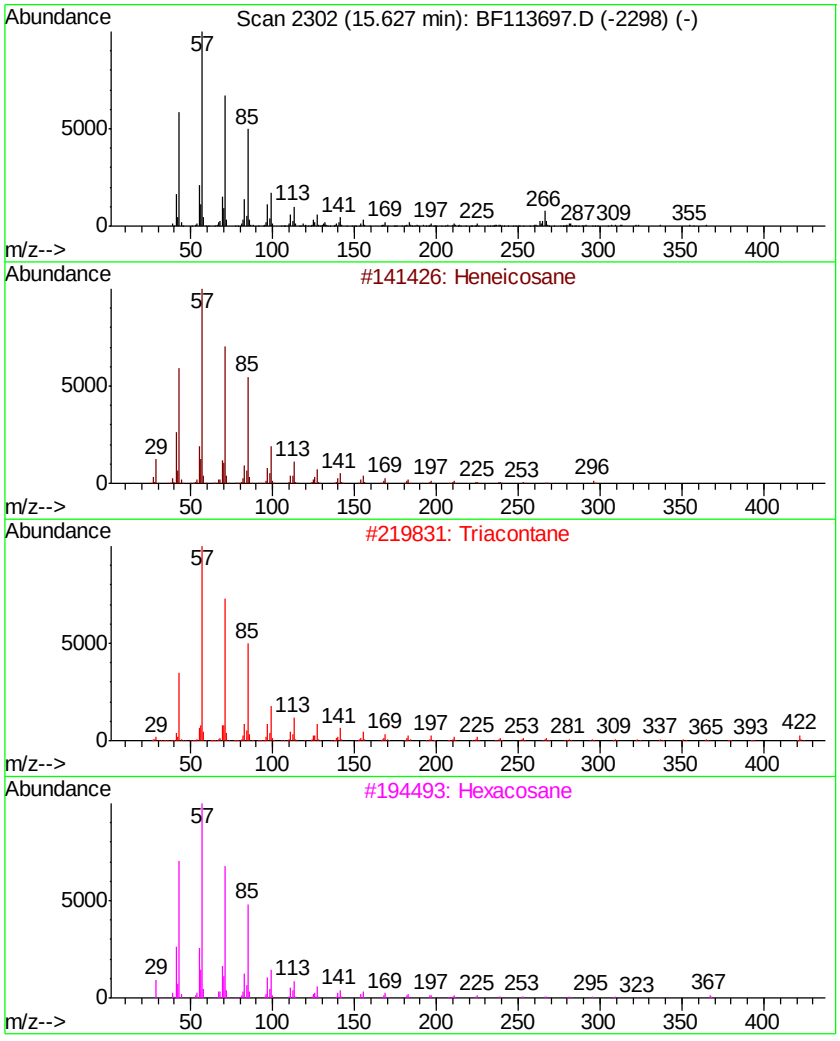
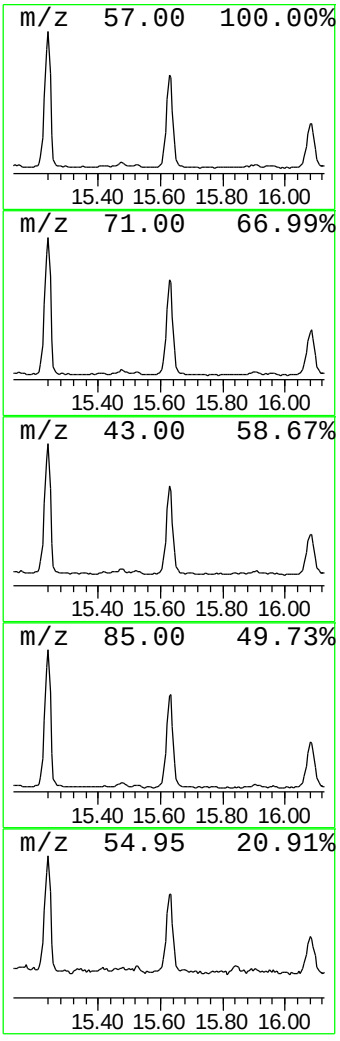
Peak Number 19 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	8.79 ng	724634	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Triacontane	422	C30H62	000638-68-6	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	81





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-040819-A

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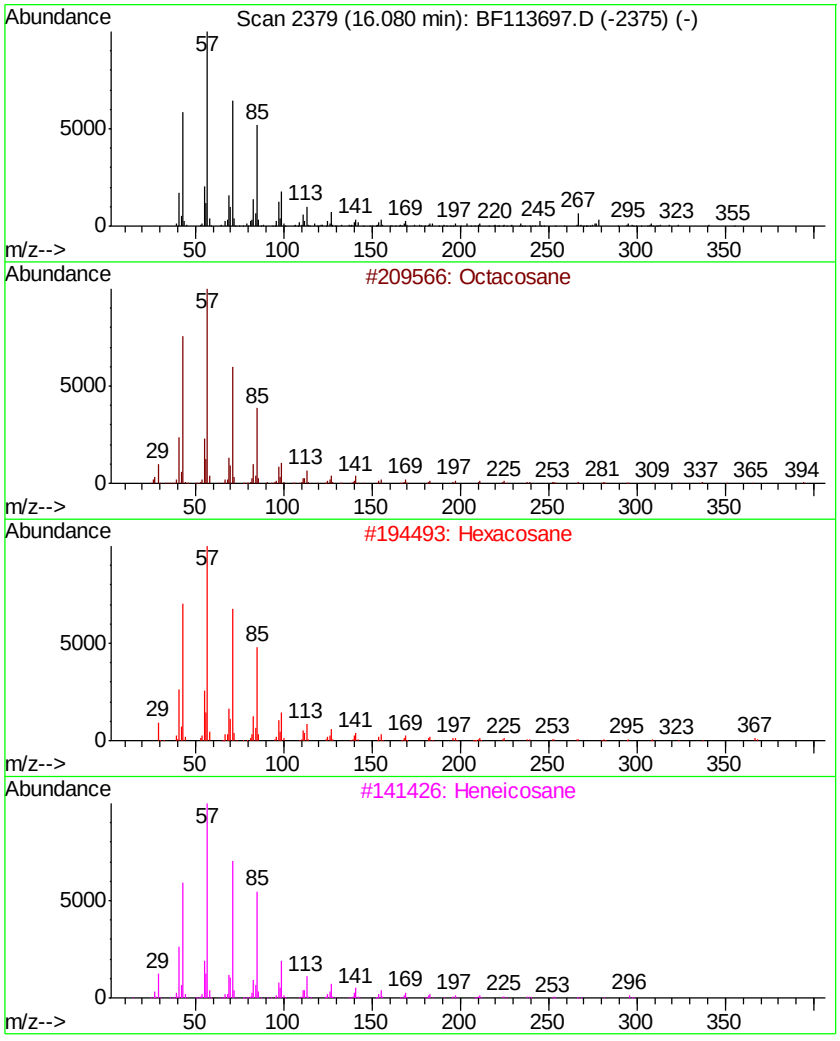
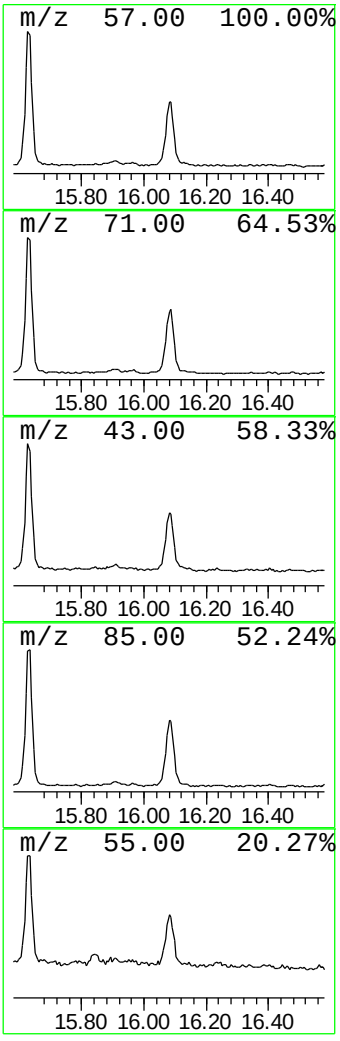
Peak Number 20 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	5.31 ng	437791	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.45	6.45	31.3	ng	1131080	1	6.67	721730	20.0
Dibenzothiophene	11.09	5.6	ng	289507	4	11.19	1031020	20.0
Phenanthrene, 2-m...	11.69	11.9	ng	611893	4	11.19	1031020	20.0
n-Hexadecanoic acid	11.74	59.2	ng	3050470	4	11.19	1031020	20.0
Phenanthrene, 1-m...	11.77	9.4	ng	486692	4	11.19	1031020	20.0
4H-Cyclopenta[def...	11.80	20.1	ng	1035880	4	11.19	1031020	20.0
Phenanthrene, 4-m...	11.82	7.8	ng	399773	4	11.19	1031020	20.0
Naphthalene, 2-ph...	11.99	7.2	ng	368682	4	11.19	1031020	20.0
Phenanthrene, 2,5...	12.24	8.2	ng	420325	4	11.19	1031020	20.0
unknown12.28	12.28	5.4	ng	276106	4	11.19	1031020	20.0
Cyclopenta(def)ph...	12.33	5.0	ng	256766	4	11.19	1031020	20.0
unknown12.47	12.47	4.5	ng	229291	4	11.19	1031020	20.0
Octadecanoic acid	12.52	29.3	ng	4217370	5	13.83	2880460	20.0
Phenaleno[1,9-bc]...	12.55	4.4	ng	632078	5	13.83	2880460	20.0
Hexadecane	14.29	4.5	ng	653656	5	13.83	2880460	20.0
Octadecane	14.59	8.9	ng	736143	6	15.23	1648420	20.0
Benzo[e]pyrene	15.12	10.2	ng	837068	6	15.23	1648420	20.0
Heneicosane	15.63	8.8	ng	724634	6	15.23	1648420	20.0
Dodecane, 2-methyl-	16.08	5.3	ng	437791	6	15.23	1648420	20.0