LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.040	499	502	520	rVB	165633	285027	7.72%	0.550%
2	5.434	565	569	592	rBV	2916674	3500615	94.83%	6.752%
3	6.457	738	743	758	rBV	3026646	3691274	100.00%	7.120%
4	6.587	761	765	771	rVV	3461759	3371786	91.34%	6.503%
5	6.634	771	773	781	rVB	37808	49152	1.33%	0.095%
6	6.816	800	804	811	rBV	1039497	985458	26.70%	1.901%
7	6.887	811	816	820	rVB3	38130	45332	1.23%	0.087%
8	6.969	826	830	845	rBV	2749762	2621574	71.02%	5.056%
9	7.387	896	901	915	rBV	2097653	2385797	64.63%	4.602%
10	7.522	921	924	927	rBV	156651	114216	3.09%	0.220%
11	8.098	1018	1022	1025	rBV	1227535	1208769	32.75%	2.331%
12	8.675	1118	1120	1124	rVB	43031	38494	1.04%	0.074%
13	8.816	1141	1144	1149	rBV	70135	80167	2.17%	0.155%
14	8.910	1157	1160	1167	rVB	62528	63737	1.73%	0.123%
15	9.169	1200	1204	1214	rBV	3051094	3081782	83.49%	5.944%
16	9.239	1214	1216	1219	rVV	138090	119402	3.23%	0.230%
17	9.275	1219	1222	1227	rVB2	44496	52747	1.43%	0.102%
18	9.439	1246	1250	1255	rBV2	43296	69799	1.89%	0.135%
19	9.516	1258	1263	1265	rBV3	83550	108651	2.94%	0.210%
20	9.569	1268	1272	1278	rVB	365239	425011	11.51%	0.820%
21	9.628	1279	1282	1284	rBV2	48785	51861	1.40%	0.100%
22	9.716	1293	1297	1301	rBV2	115405	107629	2.92%	0.208%
23	9.769	1304	1306	1310	rVB	254662	206464	5.59%	0.398%
24	9.851	1317	1320	1324	rBV	1303533	1167516	31.63%	2.252%
25	9.886	1324	1326	1329	rVB	180694	146795	3.98%	0.283%
26	9.951	1333	1337	1341	rBV2	29362	49265	1.33%	0.095%
27	10.010	1342	1347	1349	rBV2	51863	76527	2.07%	0.148%
28	10.057	1352	1355	1358	rVV2	114804	121947	3.30%	0.235%
29	10.092	1358	1361	1365	rVB2	116094	112984	3.06%	0.218%
30	10.169	1371	1374	1377	rBV	56009	56313	1.53%	0.109%
31	10.198	1377	1379	1384	rVB2	49773	67094	1.82%	0.129%
32	10.269	1388	1391	1394	rVB	337790	288899	7.83%	0.557%
33	10.404	1410	1414	1420	rVB	188741	190455	5.16%	0.367%
34	10.486	1423	1428	1431	rVV2	141340	197884	5.36%	0.382%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.539	1435	1437	1439	rVV2	47348	53912	1.46%	0.104%
36	10.557	1439	1440	1447	rVB3	60859	70100	1.90%	0.135%
37	10.645	1452	1455	1465	rBV	1612492	1849533	50.11%	3.567%
38	10.745	1469	1472	1477	rBV	280974	337081	9.13%	0.650%
39	10.951	1502	1507	1510	rBV4	83236	139027	3.77%	0.268%
40	10.980	1510	1512	1514	rVV2	63747	57979	1.57%	0.112%
41	11.033	1518	1521	1523	rVB2	58884	56566	1.53%	0.109%
42	11.075	1523	1528	1530	rBV4	56931	105295	2.85%	0.203%
43	11.098	1530	1532	1536	rVV2	69052	81583	2.21%	0.157%
44	11.157	1538	1542	1545	rVV	115359	124152	3.36%	0.239%
45	11.192	1545	1548	1551	rVV2	219812	212818	5.77%	0.410%
46	11.239	1554	1556	1561	rVB	141184	132276	3.58%	0.255%
47	11.345	1570	1574	1576	rBV	1267328	1137410	30.81%	2.194%
48	11.369	1576	1578	1582	rVV	1968945	1793838	48.60%	3.460%
49	11.422	1584	1587	1592	rVV	450698	405080	10.97%	0.781%
50	11.586	1610	1615	1618	rBV3	146340	217601	5.90%	0.420%
51	11.616	1618	1620	1622	rVV2	76169	59694	1.62%	0.115%
52	11.675	1628	1630	1636	rVB2	68544	97919	2.65%	0.189%
53	11.810	1650	1653	1656	rBV3	94954	103259	2.80%	0.199%
54	11.845	1656	1659	1661	rVV	439670	408305	11.06%	0.788%
55	11.875	1661	1664	1670	rVV2	545587	627248	16.99%	1.210%
56	11.922	1670	1672	1675	rVV	179542	174785	4.74%	0.337%
57	11.957	1675	1678	1681	rVV2	520379	618710	16.76%	1.193%
58	11.980	1681	1682	1687	rVB	311096	232896	6.31%	0.449%
59	12.027	1687	1690	1694	rBV3	209795	193915	5.25%	0.374%
60	12.080	1697	1699	1702	rVV	42270	41388	1.12%	0.080%
61	12.139	1706	1709	1714	rVV	264792	265959	7.21%	0.513%
62	12.180	1714	1716	1720	rVB2	170335	168638	4.57%	0.325%
63	12.216	1720	1722	1724	rBV	48517	37306	1.01%	0.072%
64	12.292	1732	1735	1738	rVB	93179	77183	2.09%	0.149%
65	12.322	1738	1740	1742	rBV	102890	68589	1.86%	0.132%
66	12.345	1742	1744	1747	rVB2	88894	85493	2.32%	0.165%
67	12.398	1749	1753	1755	rBV	322208	320556	8.68%	0.618%
68	12.457	1761	1763	1765	rVB	109408	80575	2.18%	0.155%
69	12.498	1765	1770	1772	rBV2	182866	259151	7.02%	0.500%
70	12.569	1777	1782	1785	rBV	2161700	2182100	59.12%	4.209%
71	12.627	1790	1792	1794	rBV2	79615	71951	1.95%	0.139%

LSC Area Percent Report

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Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.716	1803	1807	1809	rBV2	150131	155507	4.21%	0.300%
73	12.739	1809	1811	1814	rVV3	75951	71167	1.93%	0.137%
74	12.798	1814	1821	1826	rVV	2258525	2604969	70.57%	5.024%
75	12.845	1826	1829	1833	rVB2	156925	176917	4.79%	0.341%
76	12.927	1839	1843	1847	rBV	2123602	2047312	55.46%	3.949%
77	13.010	1853	1857	1862	rBV2	203142	354331	9.60%	0.683%
78	13.104	1869	1873	1874	rBV3	155196	207783	5.63%	0.401%
79	13.122	1874	1876	1879	rVB	256640	228981	6.20%	0.442%
80	13.186	1885	1887	1890	rBV	121526	113930	3.09%	0.220%
81	13.227	1891	1894	1901	rVB2	257901	317018	8.59%	0.611%
82	13.322	1907	1910	1912	rBV	205575	171743	4.65%	0.331%
83	13.351	1912	1915	1919	rVV	192595	218239	5.91%	0.421%
84	13.639	1961	1964	1968	rBV	237343	206918	5.61%	0.399%
85	13.745	1980	1982	1984	rBV2	200820	187361	5.08%	0.361%
86	13.769	1984	1986	1989	rVV	208816	163238	4.42%	0.315%
87	13.816	1989	1994	1998	rVV3	358195	536610	14.54%	1.035%
88	13.851	1998	2000	2006	rVB	243303	217831	5.90%	0.420%
89	13.992	2020	2024	2027	rBV2	1193200	1814045	49.14%	3.499%
90	14.027	2027	2030	2033	rVB	880857	865839	23.46%	1.670%
91	14.104	2041	2043	2045	rVB	149630	102661	2.78%	0.198%
92	14.386	2089	2091	2094	rVB	218527	167390	4.53%	0.323%
93	15.045	2199	2203	2211	rVB	631761	1280609	34.69%	2.470%
94	15.351	2251	2255	2259	rBV	399194	475390	12.88%	0.917%
95	15.416	2262	2266	2269	rVV	550190	625443	16.94%	1.206%
96	15.474	2273	2276	2279	rVV	428480	445038	12.06%	0.858%

Sum of corrected areas: 51846564

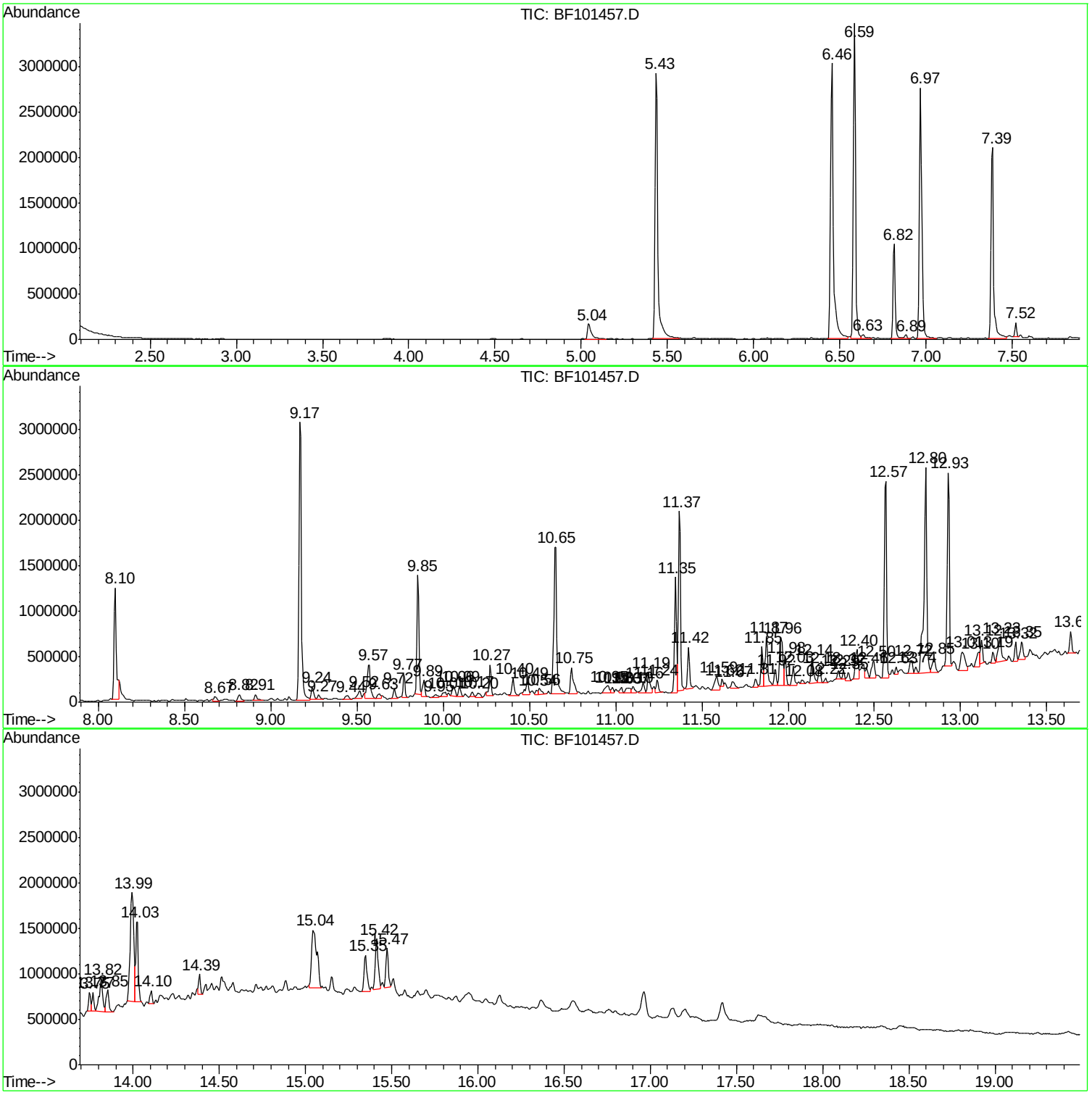
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

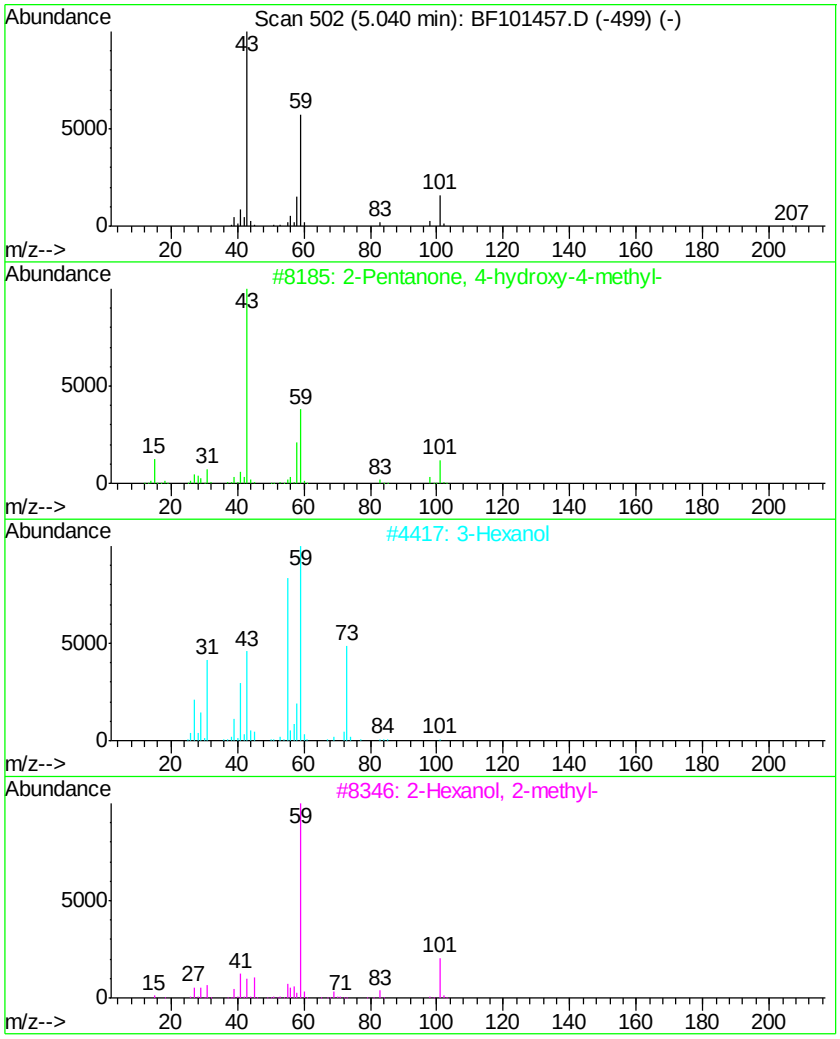
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

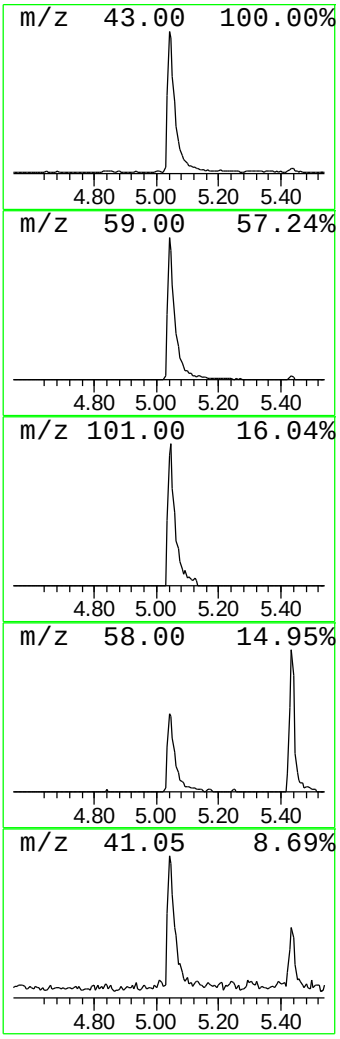
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	5.78 ng	285027	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

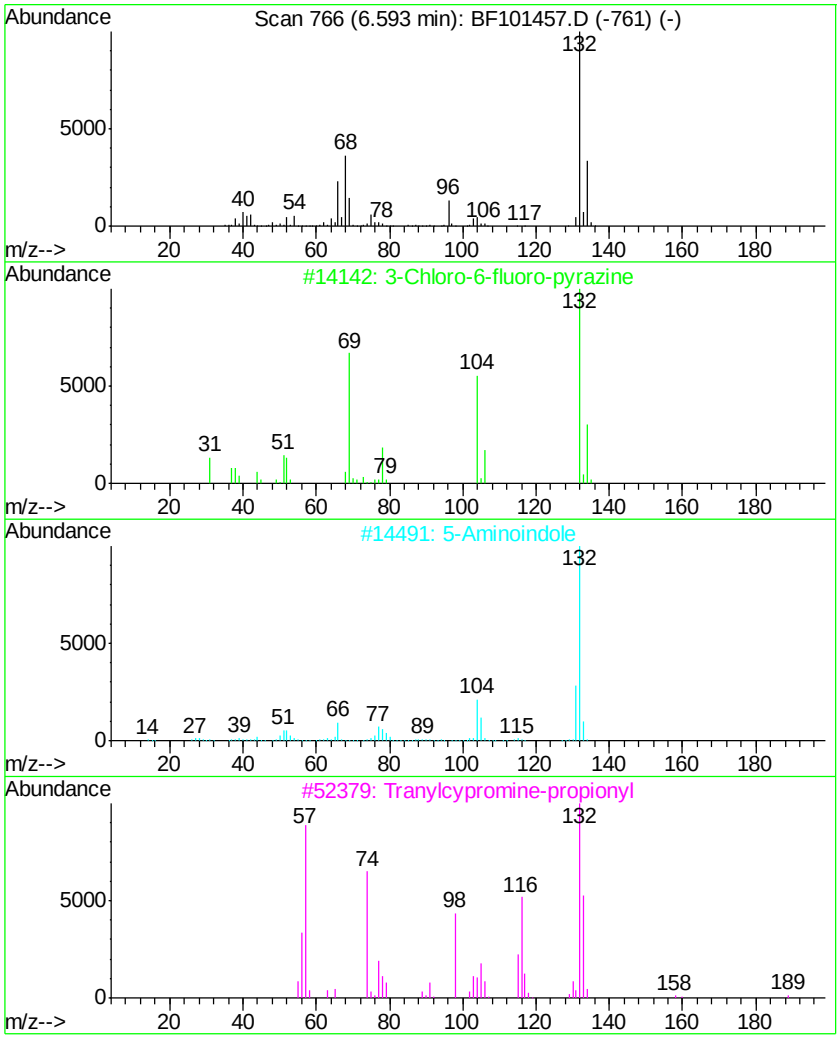
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

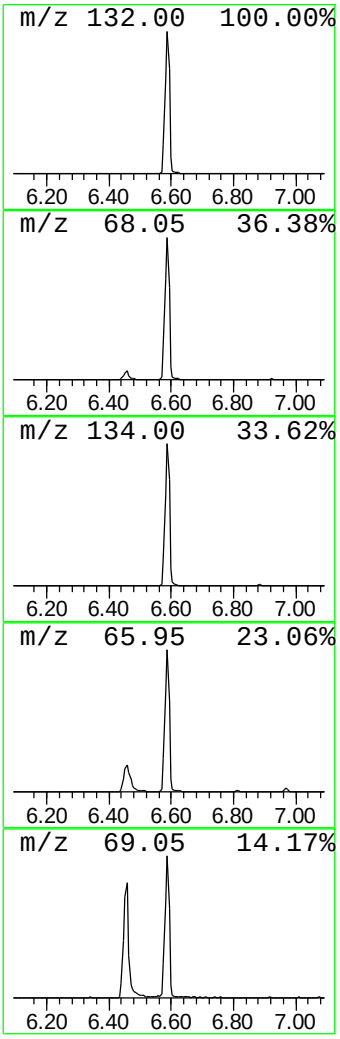
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	68.43 ng	3371790	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

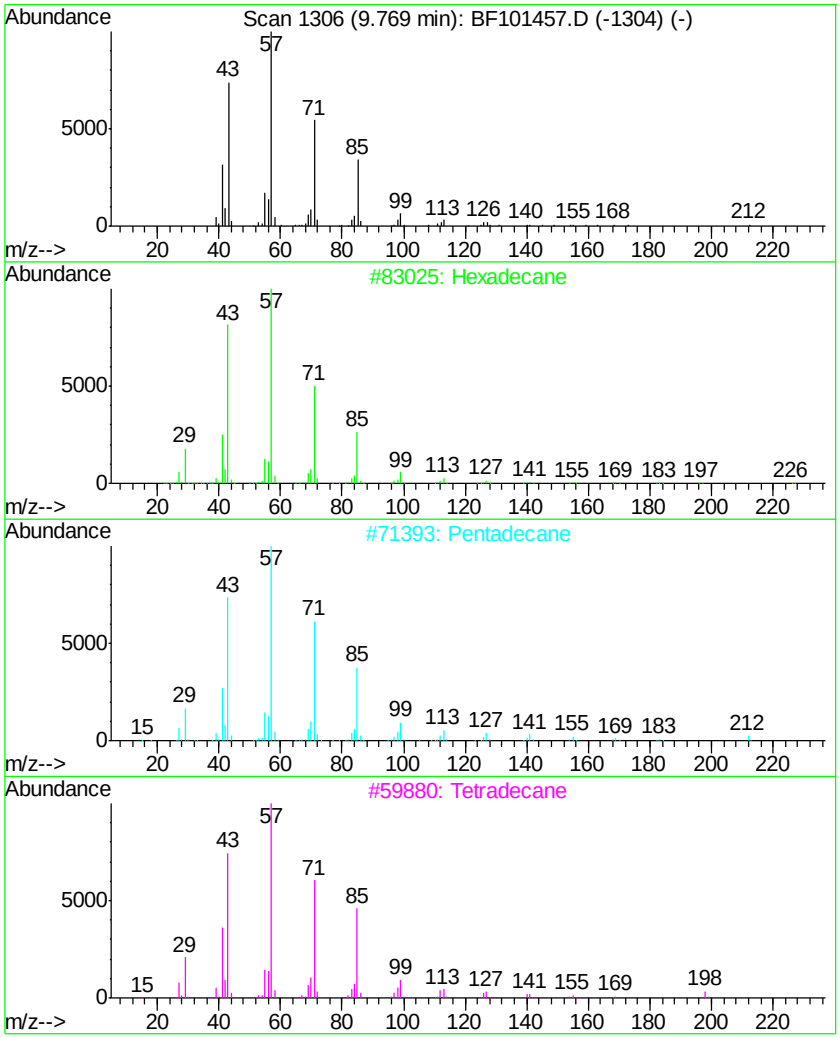
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

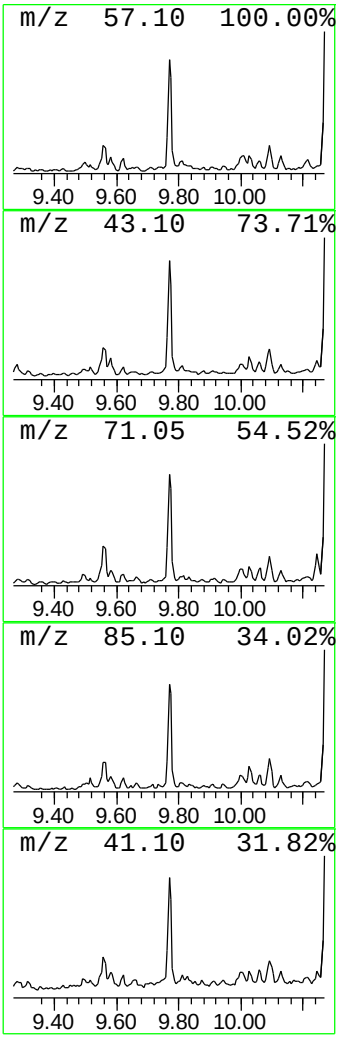
****

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.54 ng	206464	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	80
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

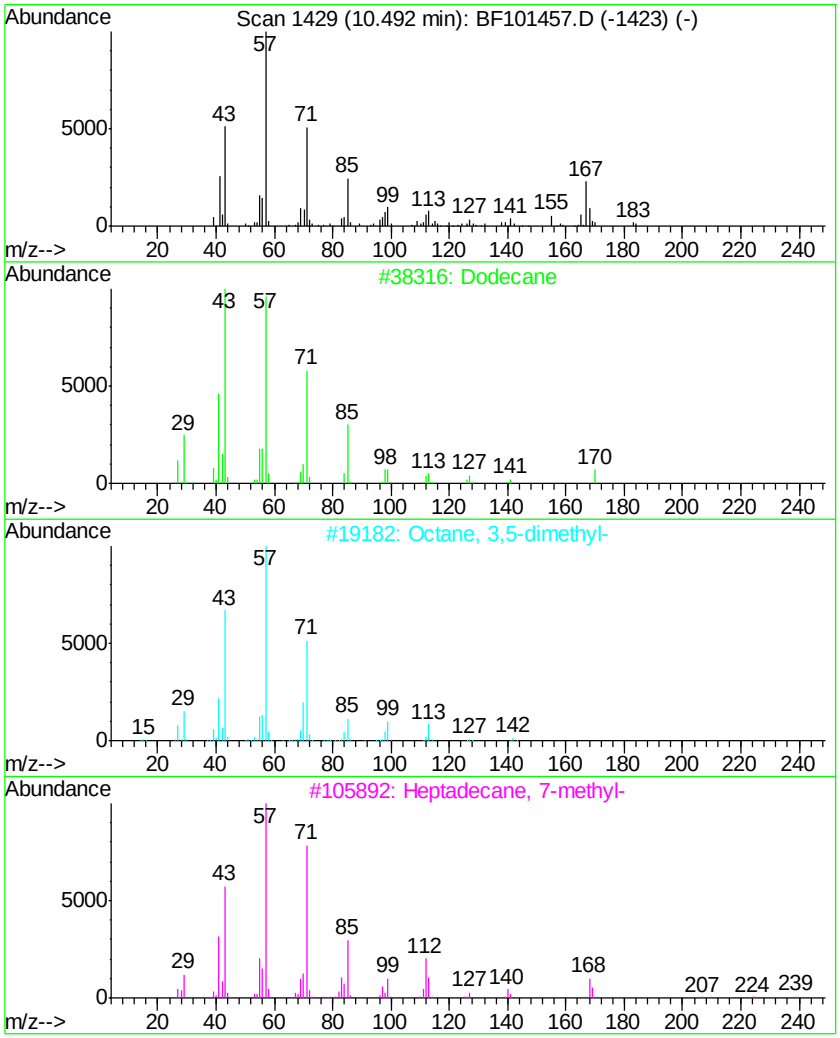
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

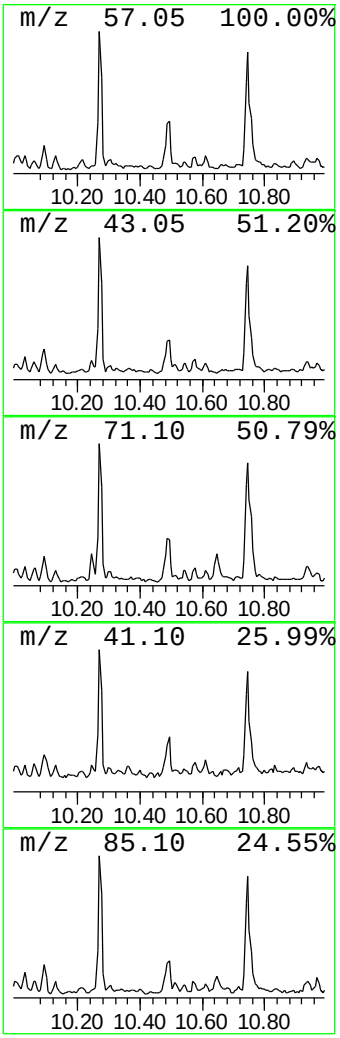
****

Peak Number 6 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.39 ng	197884	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	49
4	Octane, 2-methyl-	128	C9H20	003221-61-2	49
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

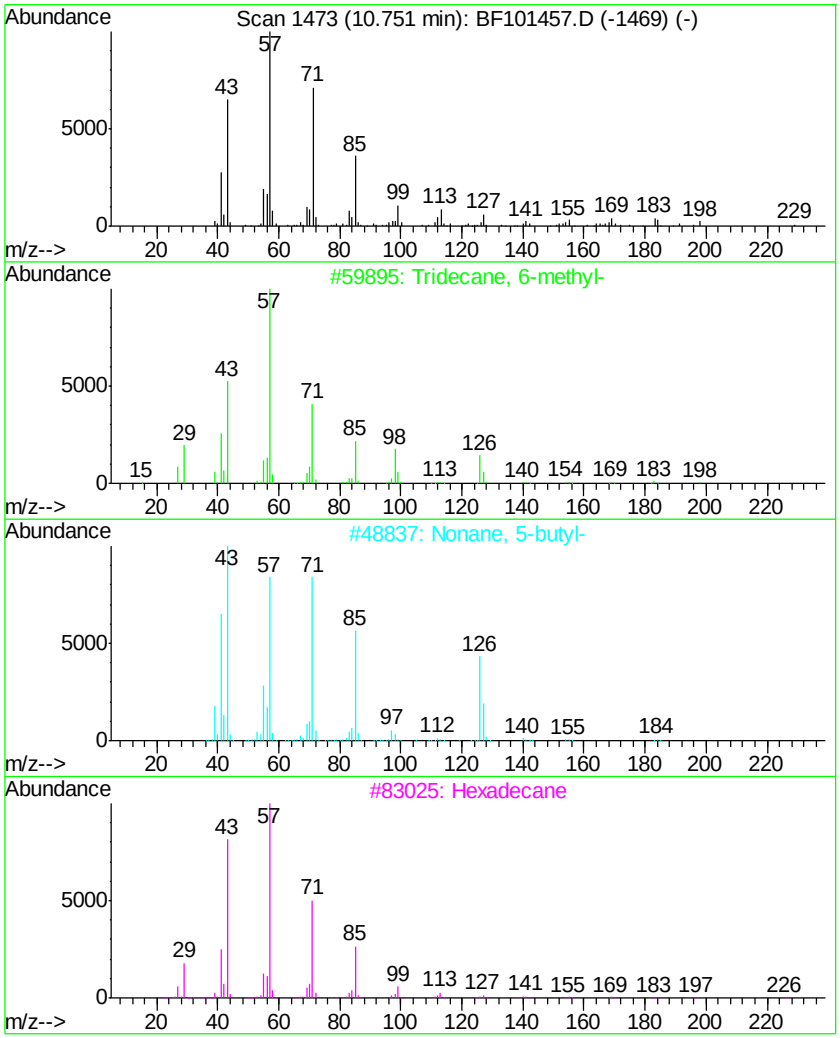
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

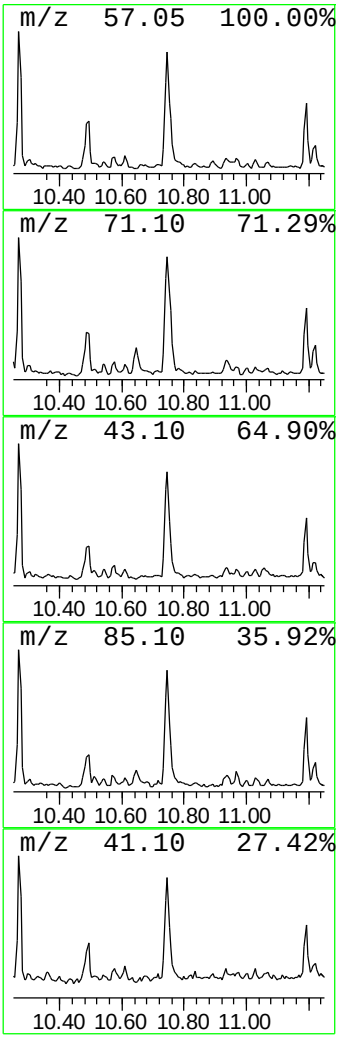
****

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	5.93 ng	337081	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

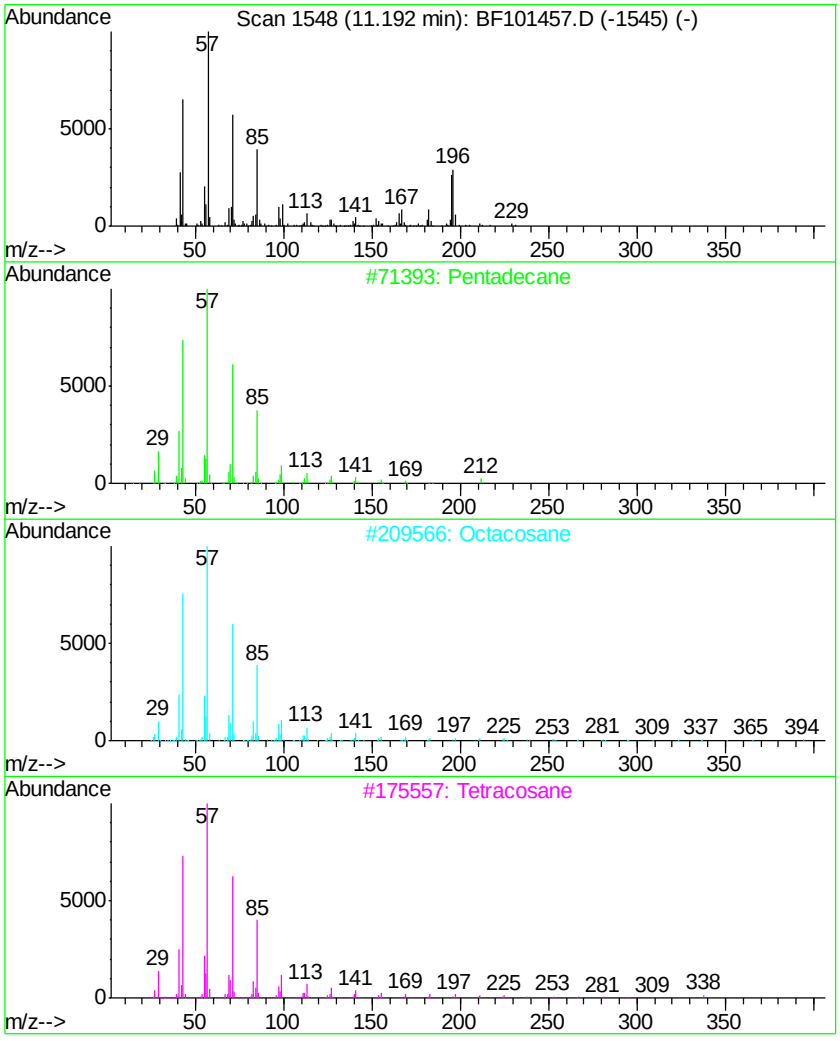
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

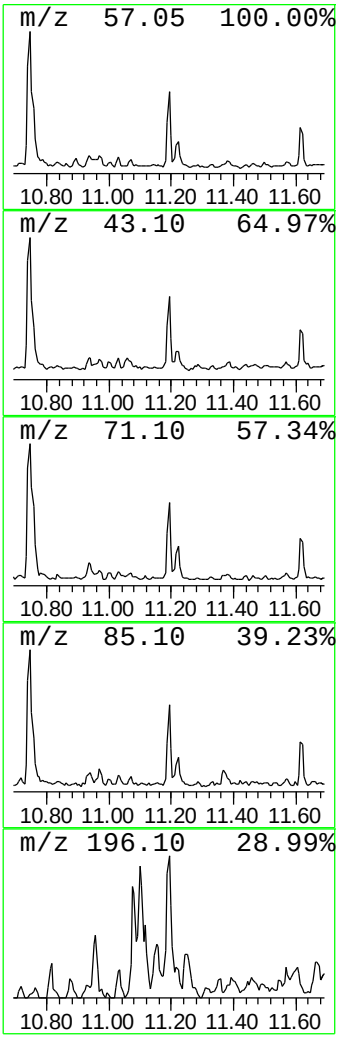
****

Peak Number 8 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.74 ng	212818	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Octacosane	394	C28H58	000630-02-4	62
3	Tetracosane	338	C24H50	000646-31-1	62
4	Tetratetracontane	619	C44H90	007098-22-8	58
5	Octadecane	254	C18H38	000593-45-3	52





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Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

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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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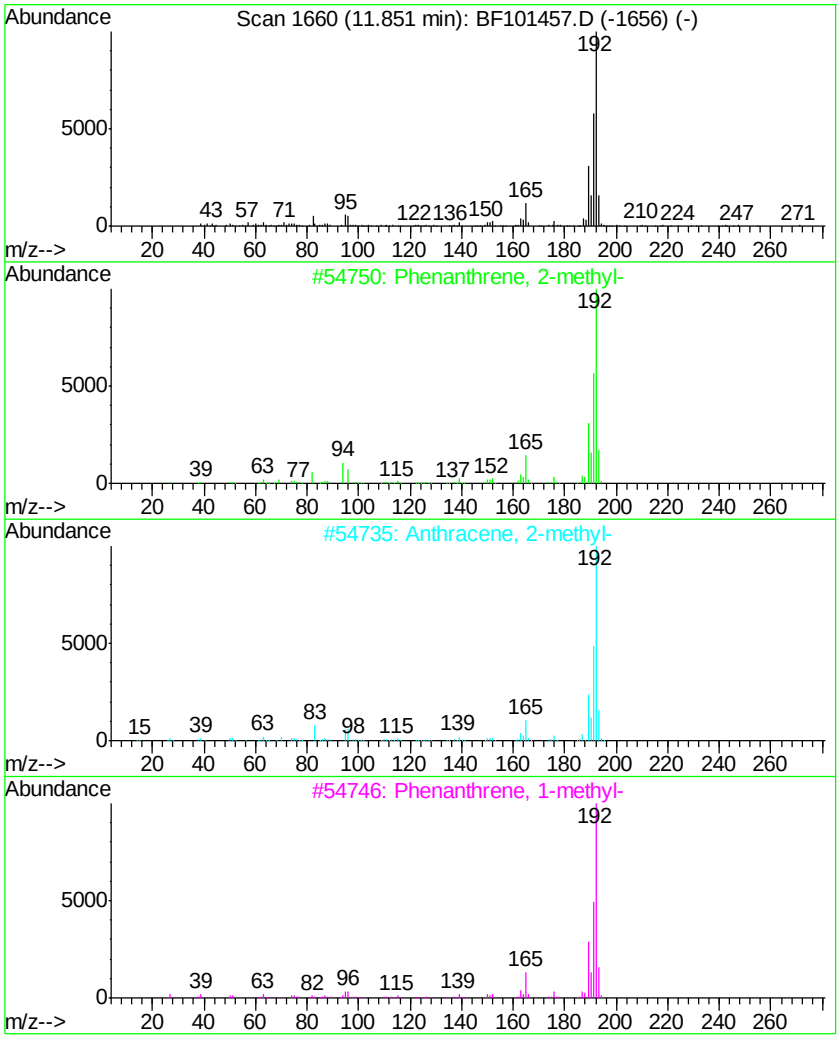
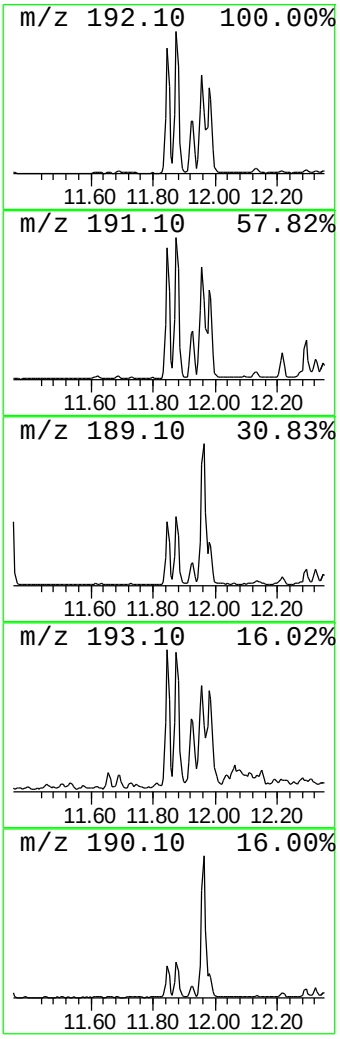
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.18 ng	408305	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	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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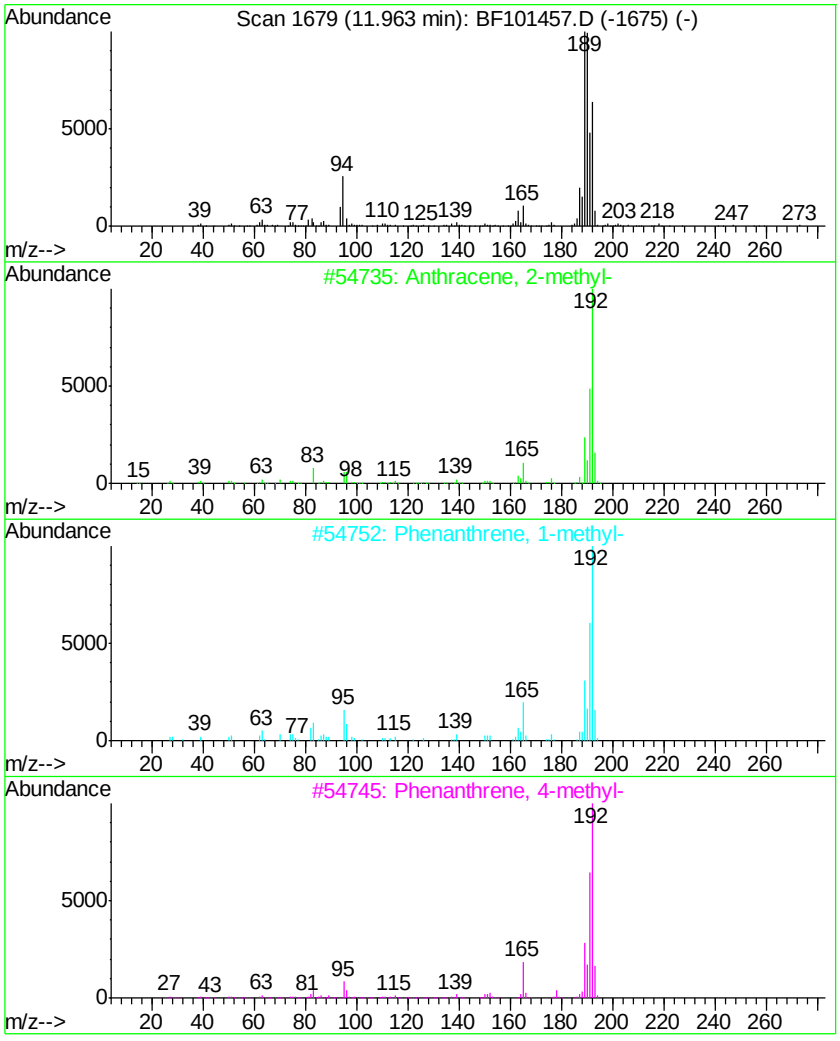
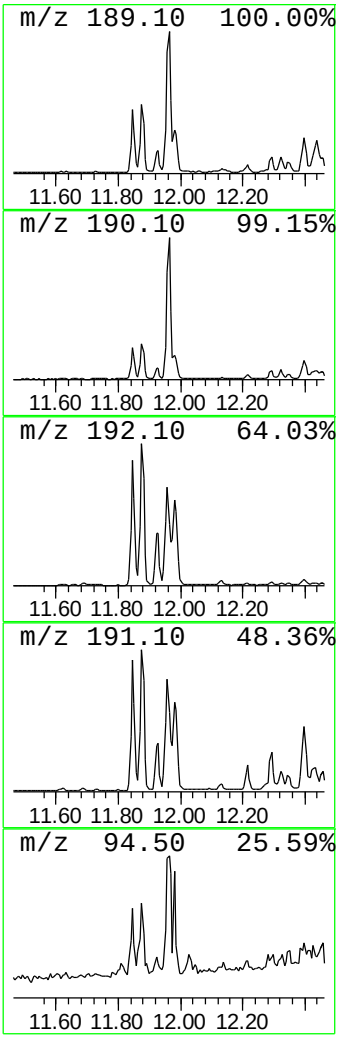
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.88 ng	618710	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	45





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Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

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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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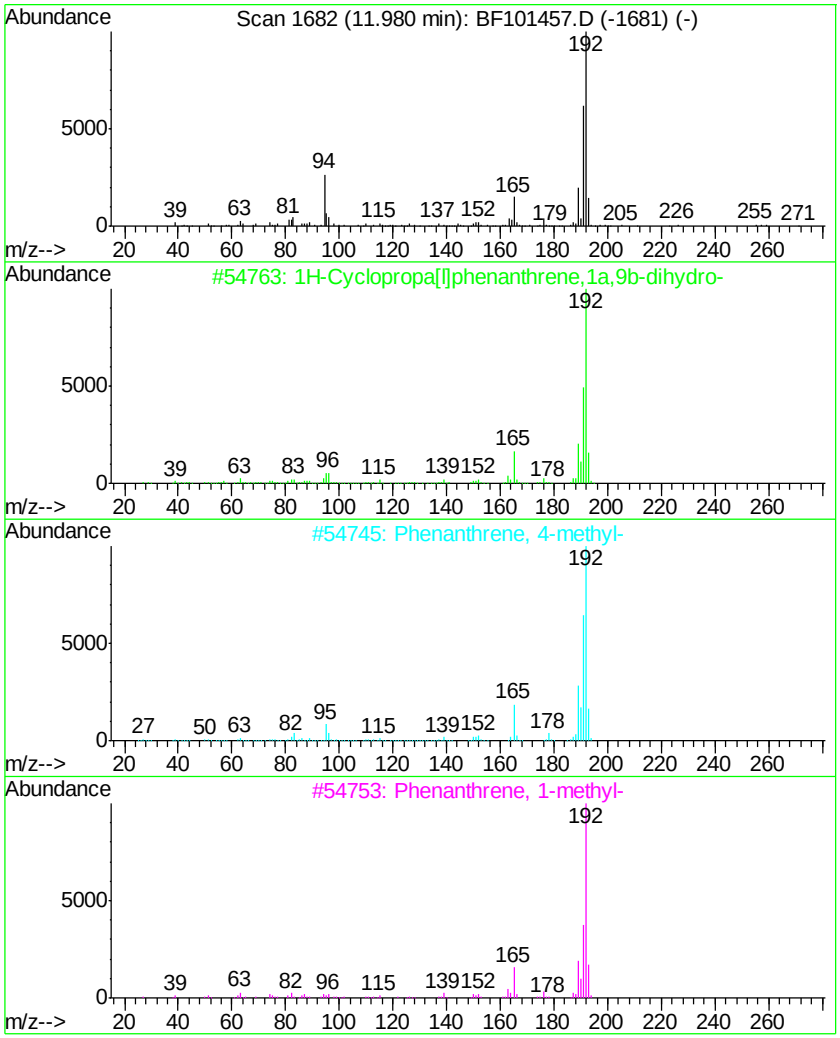
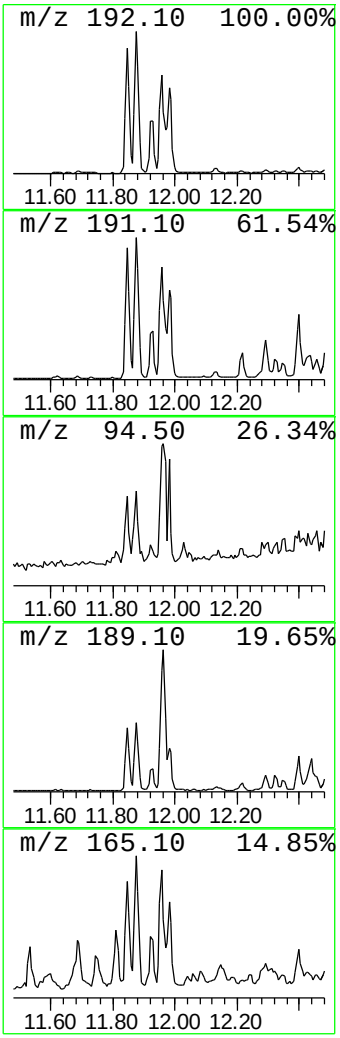
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.10 ng	232896	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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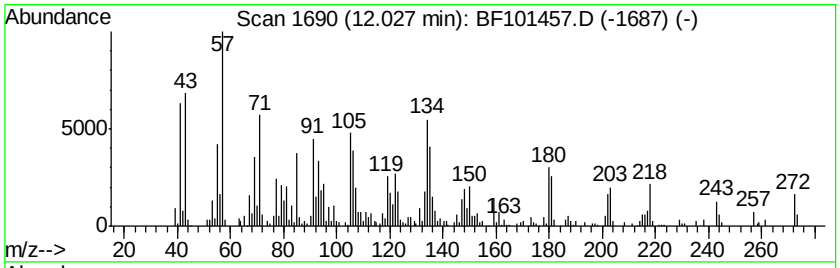
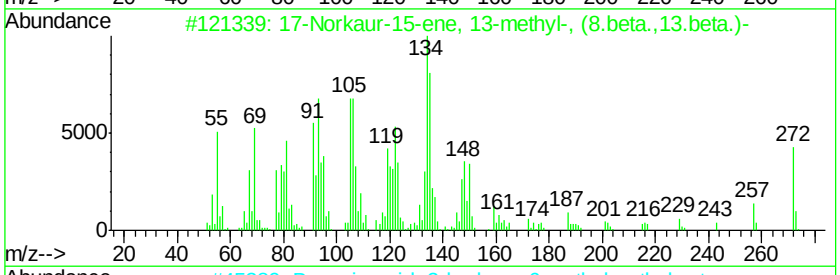
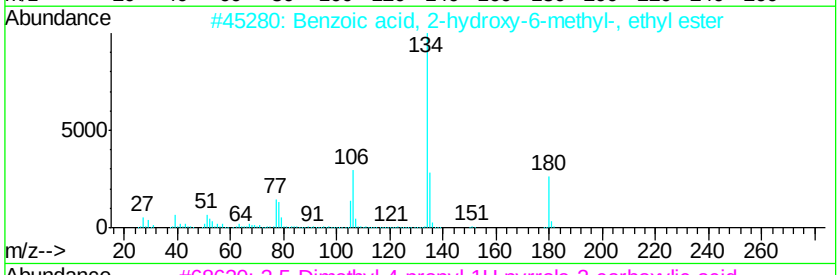
Peak Number 13 17-Norkaur-15-ene, 13-methy... Concentration Rank 19

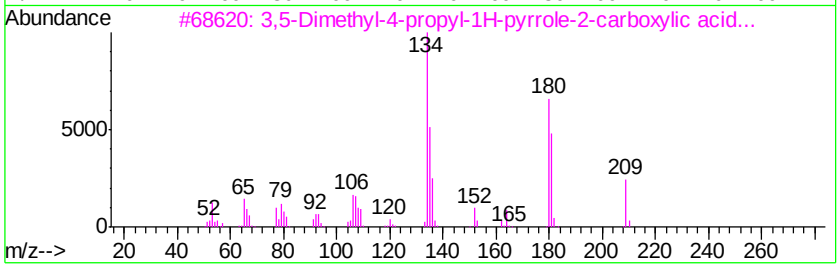
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.41 ng	193915	Phenanthrene-d10	11.35

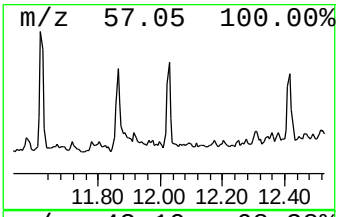
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	99
2	Benzoic acid, 2-hydroxy-6-methyl...	180	C10H12O3	006555-40-4	16
3	3,5-Dimethyl-4-propyl-1H-pyrrole...	209	C12H19NO2	004758-64-9	16
4	Longipinocarvone	218	C15H22O	1000151-87-1	14
5	4,2,8-Ethanylylidene-2H-1-benzop...	178	C12H18O	078596-05-1	11

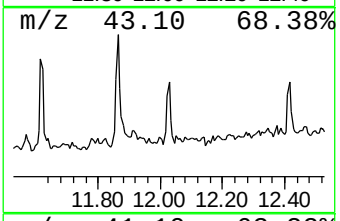


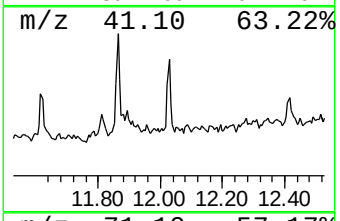


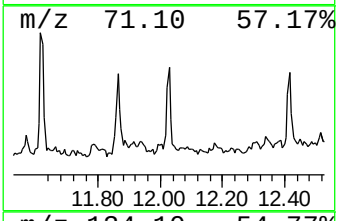


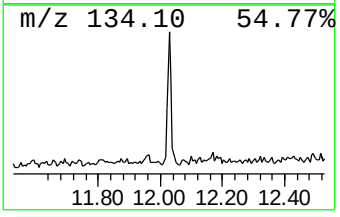












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Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

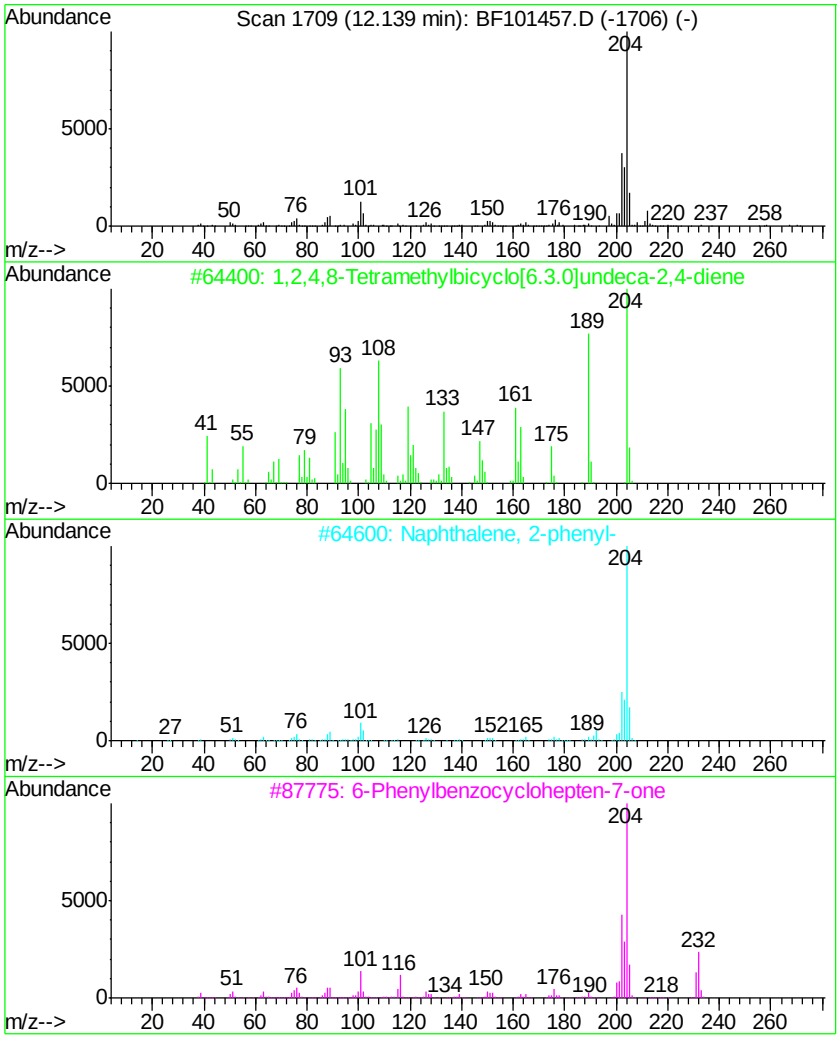
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

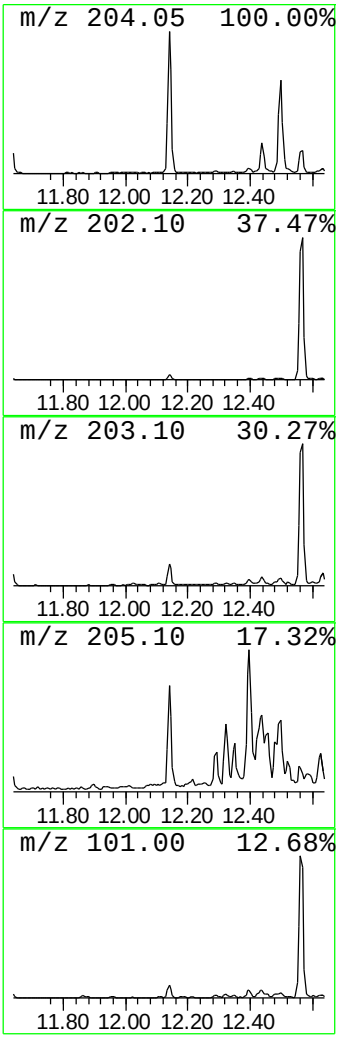
****

Peak Number 14 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.68 ng	265959	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : TP-02A-2

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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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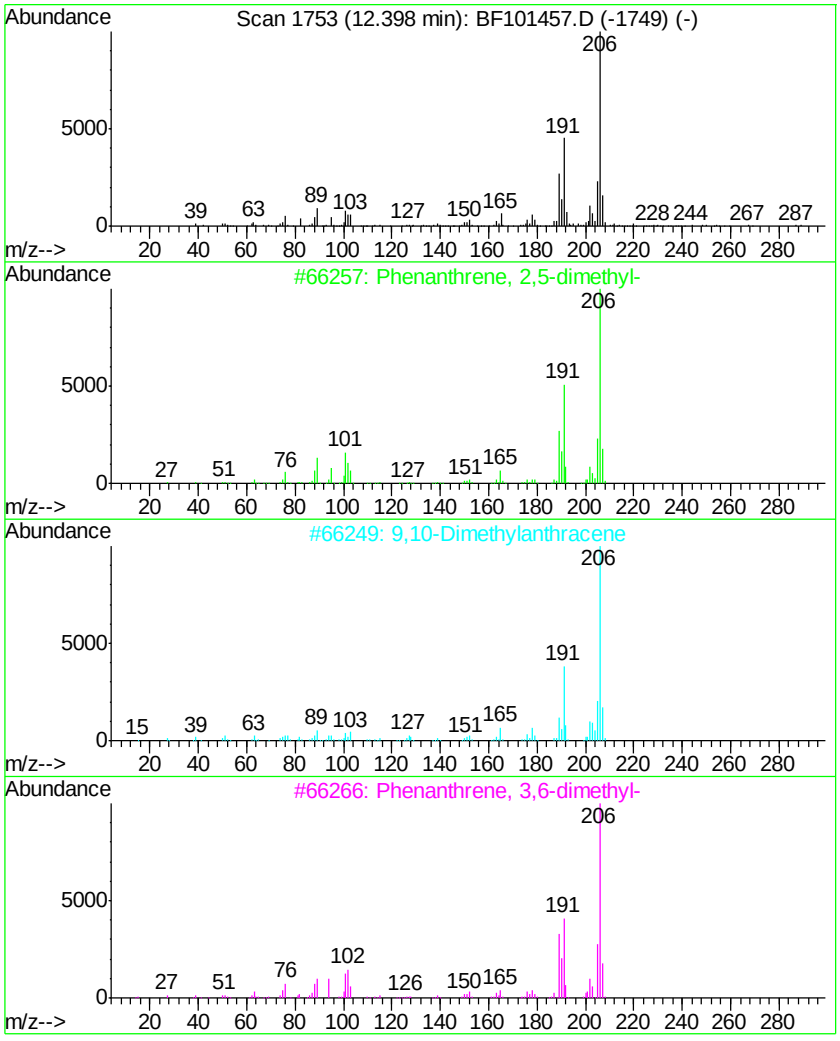
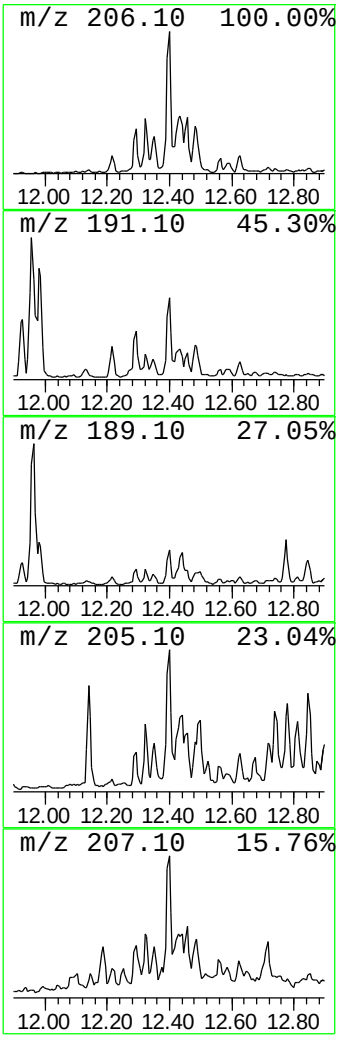
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.64 ng	320556	Phenanthrene-d10	11.35

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	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Instrument : BNA_F
ClientSampleId : TP-02A-2

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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 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.56 ng	259151	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	95
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
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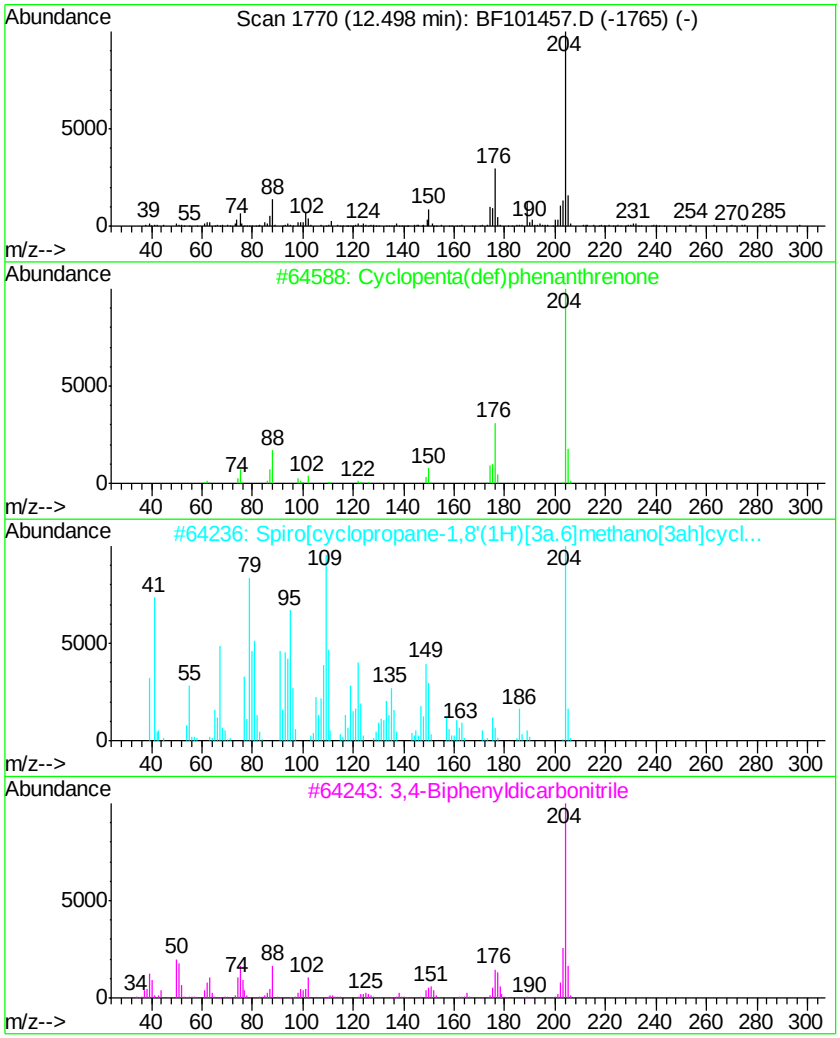

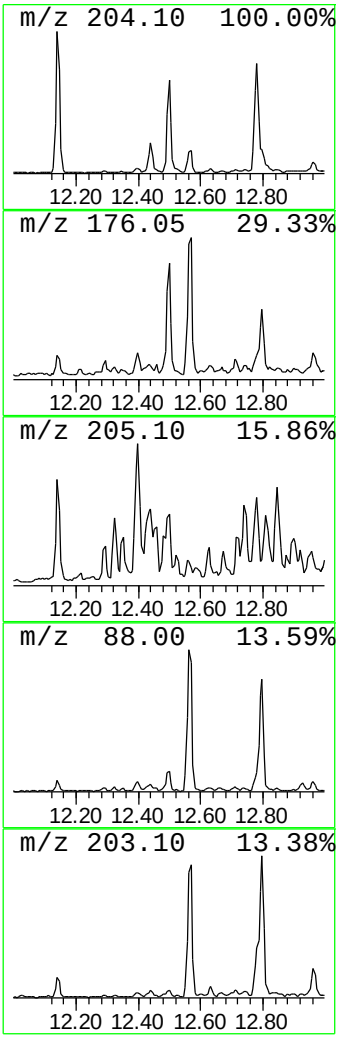

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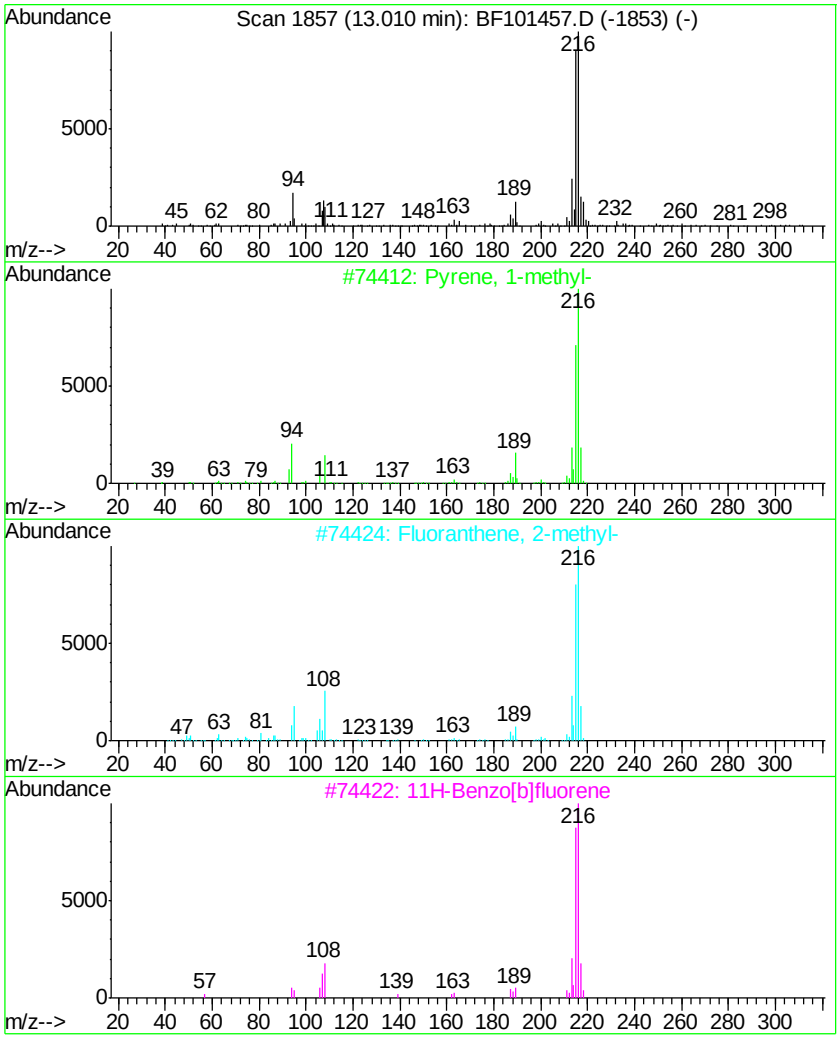
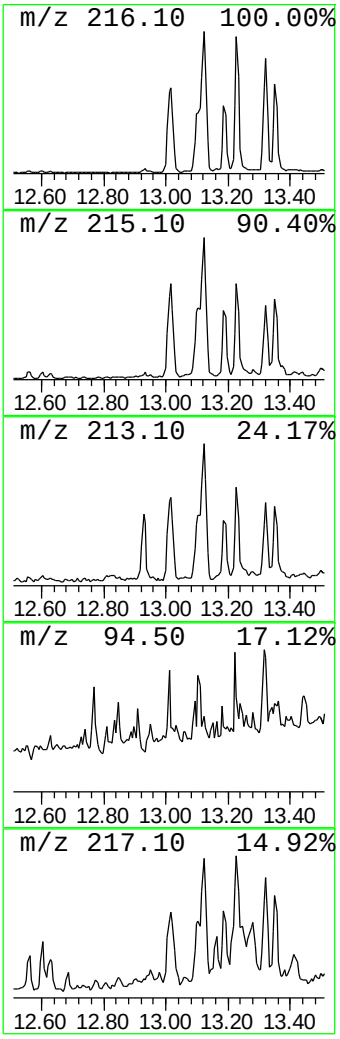
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	3.91 ng	354331	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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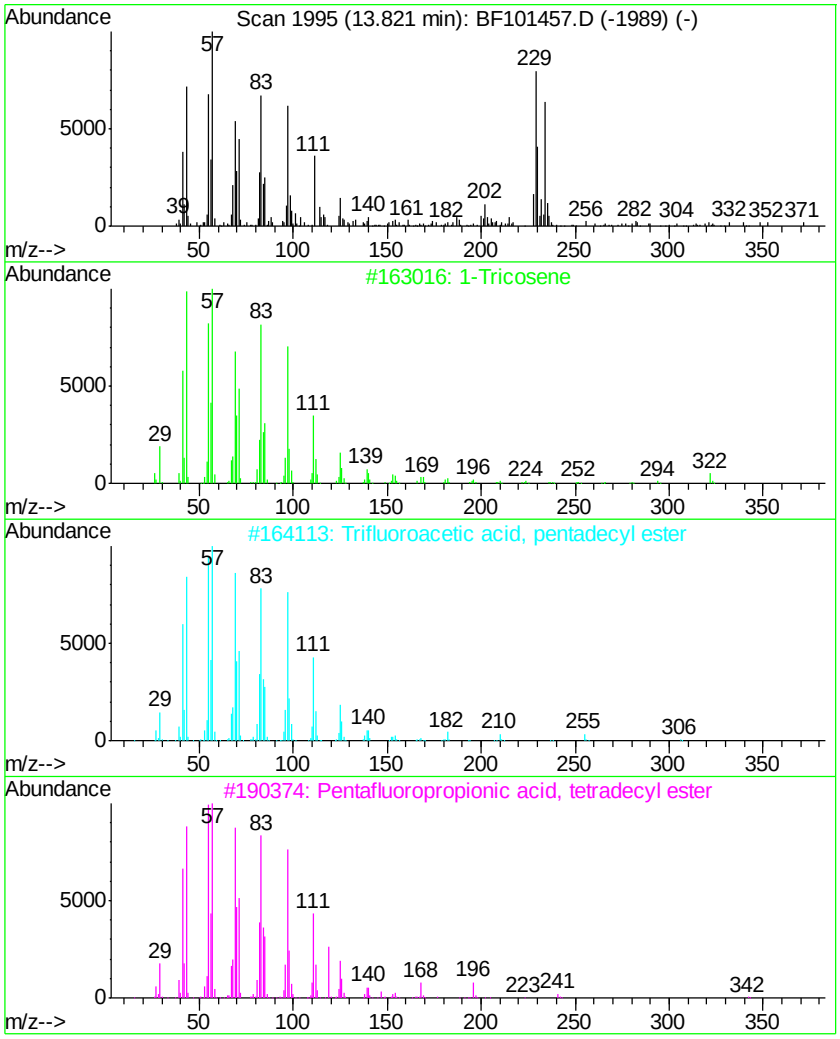
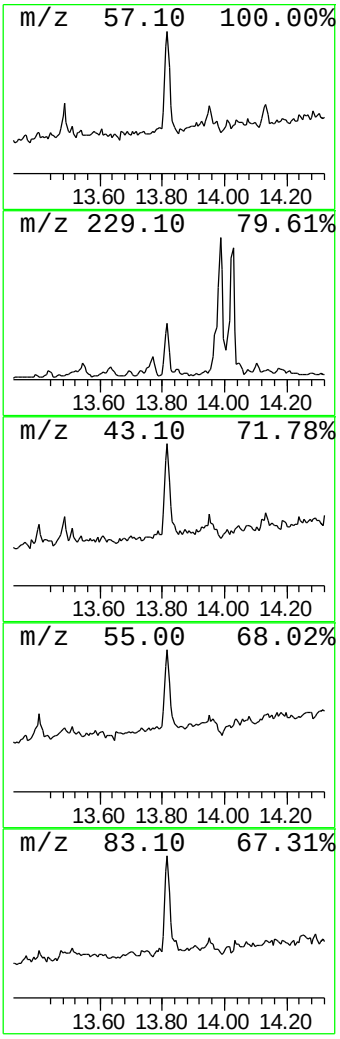
Peak Number 19 1-Tricosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.92 ng	536610	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	87
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	55
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	55
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	49
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49





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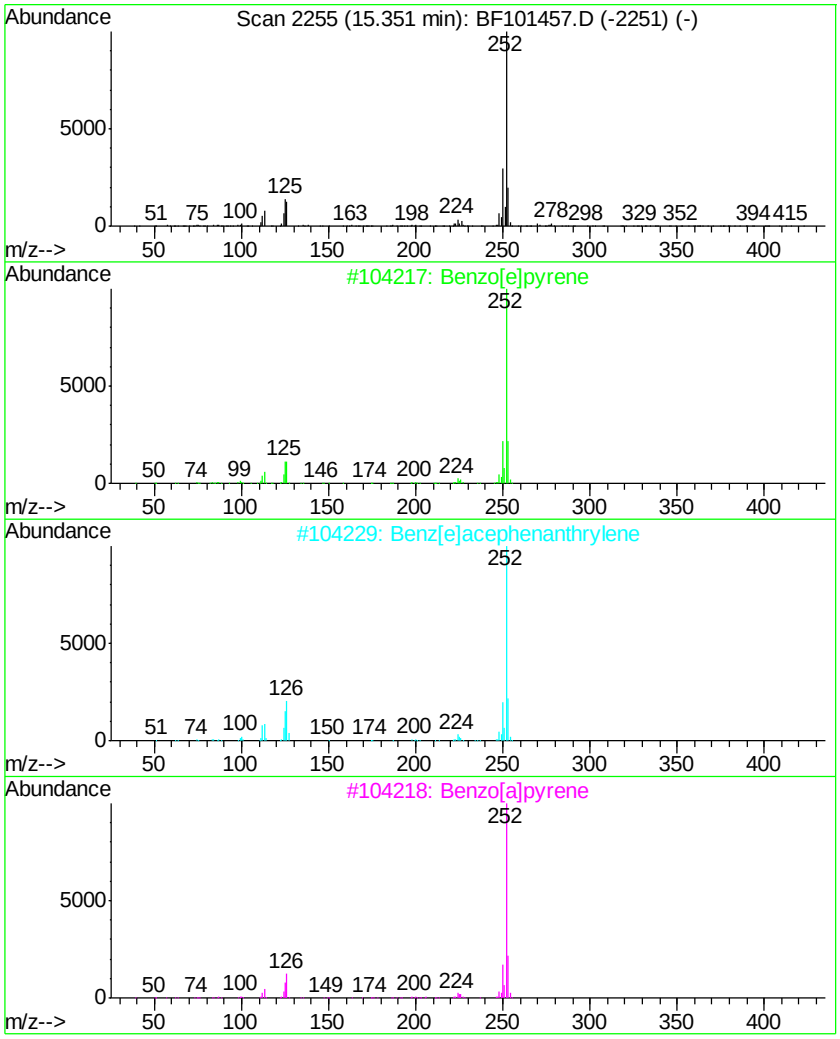
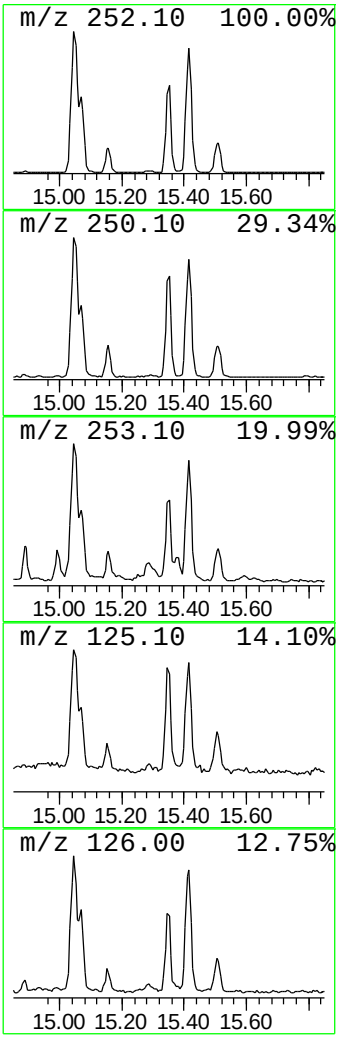
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	21.36 ng	475390	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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101457.D
Acq On : 15 Dec 2017 21:42
Operator : SJ/JU
Sample : I6875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-02A-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.04	5.8	ng	285027	1	6.82	985458	20.0
unknown6.59	6.59	68.4	ng	3371790	1	6.82	985458	20.0
Hexadecane	9.77	3.5	ng	206464	3	9.85	1167520	20.0
Dodecane	10.49	3.4	ng	197884	3	9.85	1167520	20.0
Tridecane, 6-methyl-	10.75	5.9	ng	337081	4	11.35	1137410	20.0
Pentadecane	11.19	3.7	ng	212818	4	11.35	1137410	20.0
Phenanthrene, 2-m...	11.85	7.2	ng	408305	4	11.35	1137410	20.0
Anthracene, 2-met...	11.96	10.9	ng	618710	4	11.35	1137410	20.0
1H-Cyclopropa[l]p...	11.98	4.1	ng	232896	4	11.35	1137410	20.0
17-Norkaur-15-ene...	12.03	3.4	ng	193915	4	11.35	1137410	20.0
1,2,4,8-Tetrameth...	12.14	4.7	ng	265959	4	11.35	1137410	20.0
Phenanthrene, 2,5...	12.40	5.6	ng	320556	4	11.35	1137410	20.0
Cyclopenta(def)ph...	12.50	4.6	ng	259151	4	11.35	1137410	20.0
Pyrene, 1-methyl-	13.01	3.9	ng	354331	5	14.00	1814050	20.0
1-Tricosene	13.82	5.9	ng	536610	5	14.00	1814050	20.0
Benzo[e]pyrene	15.35	21.4	ng	475390	6	15.47	445038	20.0