LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

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-BF112618.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	2.204	17	20	28	rVB2	42134	71364	4.19%	0.290%
2	5.163	520	523	530	rBV	16040	20322	1.19%	0.083%
3	5.557	587	590	610	rBV	408782	561809	32.99%	2.285%
4	6.569	758	762	782	rBV	451402	630961	37.05%	2.566%
5	6.704	782	785	795	rVV	618665	618526	36.32%	2.516%
6	6.934	821	824	838	rVB	386248	354838	20.84%	1.443%
7	7.092	847	851	864	rBV	486686	478361	28.09%	1.946%
8	7.504	918	921	936	rBV	348771	380610	22.35%	1.548%
9	8.222	1039	1043	1052	rBV	444992	473314	27.80%	1.925%
10	8.933	1161	1164	1169	rBV	32156	34617	2.03%	0.141%
11	9.033	1178	1181	1187	rVB	45477	42588	2.50%	0.173%
12	9.292	1221	1225	1233	rBV	669636	621778	36.51%	2.529%
13	9.563	1267	1271	1275	rVV2	24536	32492	1.91%	0.132%
14	9.633	1280	1283	1286	rBV	46686	48173	2.83%	0.196%
15	9.663	1286	1288	1290	rVV	30752	29324	1.72%	0.119%
16	9.686	1290	1292	1299	rVV	76474	70894	4.16%	0.288%
17	9.757	1301	1304	1311	rVB3	22860	37765	2.22%	0.154%
18	9.845	1315	1319	1323	rBV2	33028	37191	2.18%	0.151%
19	9.980	1339	1342	1345	rBV	485049	408441	23.99%	1.661%
20	10.010	1345	1347	1354	rVB	122727	112739	6.62%	0.459%
21	10.086	1355	1360	1365	rBV8	10255	18216	1.07%	0.074%
22	10.186	1371	1377	1380	rBV2	69413	109022	6.40%	0.443%
23	10.222	1380	1383	1386	rVB	21685	23850	1.40%	0.097%
24	10.292	1392	1395	1398	rBV	21855	21801	1.28%	0.089%
25	10.386	1406	1411	1413	rBV	34092	43489	2.55%	0.177%
26	10.533	1432	1436	1440	rVB	132389	132563	7.78%	0.539%
27	10.686	1460	1462	1466	rVB2	32922	33599	1.97%	0.137%
28	10.775	1473	1477	1483	rBV2	292669	307712	18.07%	1.252%
29	10.869	1489	1493	1495	rBV3	16457	22709	1.33%	0.092%
30	11.080	1524	1529	1532	rBV2	36781	41712	2.45%	0.170%
31	11.110	1532	1534	1536	rBV2	27895	25833	1.52%	0.105%
32	11.292	1560	1565	1575	rVB3	38463	106635	6.26%	0.434%
33	11.374	1576	1579	1582	rVB	57505	45963	2.70%	0.187%
34	11.474	1593	1596	1598	rBV	413439	353982	20.79%	1.440%

LSC Area Percent Report

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Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.498	1598	1600	1606	rVB	630748	599585	35.21%	2.439%
36	11.557	1606	1610	1613	rBV	169999	165508	9.72%	0.673%
37	11.716	1634	1637	1643	rBV2	42121	49305	2.90%	0.201%
38	11.810	1651	1653	1655	rBV	24119	22624	1.33%	0.092%
39	11.898	1664	1668	1670	rBV4	24329	33307	1.96%	0.135%
40	11.986	1677	1683	1686	rBV2	645132	974800	57.25%	3.965%
41	12.010	1686	1687	1693	rVB	161910	112539	6.61%	0.458%
42	12.057	1693	1695	1698	rVB	40488	31382	1.84%	0.128%
43	12.092	1698	1701	1704	rBV	121557	136716	8.03%	0.556%
44	12.116	1704	1705	1708	rVB	64692	39292	2.31%	0.160%
45	12.157	1710	1712	1717	rVB5	31845	38537	2.26%	0.157%
46	12.274	1729	1732	1736	rBV	57463	58738	3.45%	0.239%
47	12.321	1738	1740	1743	rVB	26362	21601	1.27%	0.088%
48	12.480	1759	1767	1772	rBV3	129484	324972	19.08%	1.322%
49	12.527	1772	1775	1778	rVV	67647	61262	3.60%	0.249%
50	12.633	1788	1793	1796	rBV3	47753	88055	5.17%	0.358%
51	12.698	1797	1804	1808	rVV	695112	771950	45.33%	3.140%
52	12.769	1811	1816	1826	rVV	1011275	1702822	100.00%	6.926%
53	12.851	1828	1830	1837	rVV4	71118	112471	6.60%	0.457%
54	12.910	1837	1840	1841	rVV	109911	103620	6.09%	0.421%
55	12.933	1841	1844	1849	rVV	560865	512258	30.08%	2.083%
56	12.980	1849	1852	1855	rVB	38116	35669	2.09%	0.145%
57	13.057	1862	1865	1868	rBV	564221	455311	26.74%	1.852%
58	13.151	1876	1881	1886	rVB3	42471	66418	3.90%	0.270%
59	13.227	1886	1894	1896	rBV4	163487	302549	17.77%	1.231%
60	13.263	1896	1900	1908	rVV2	463930	858836	50.44%	3.493%
61	13.321	1908	1910	1913	rVV	69565	67010	3.94%	0.273%
62	13.363	1913	1917	1924	rVV2	64002	106215	6.24%	0.432%
63	13.416	1924	1926	1930	rVV4	19496	19178	1.13%	0.078%
64	13.457	1930	1933	1936	rVV	50230	50810	2.98%	0.207%
65	13.492	1936	1939	1947	rVB2	50428	88563	5.20%	0.360%
66	13.598	1954	1957	1960	rVB	50098	48749	2.86%	0.198%
67	13.898	2000	2008	2012	rBV2	831907	1326184	77.88%	5.394%
68	13.933	2012	2014	2018	rVV3	136056	164117	9.64%	0.667%
69	13.974	2018	2021	2029	rVB2	130201	169628	9.96%	0.690%
70	14.133	2043	2048	2051	rBV2	485564	671177	39.42%	2.730%
71	14.163	2051	2053	2059	rVB	224180	194568	11.43%	0.791%

LSC Area Percent Report

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Sample : J5770-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-112118-B

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.215	2060	2062	2063	rBV2	24867	20803	1.22%	0.085%
73	14.245	2064	2067	2069	rBV	138834	112567	6.61%	0.458%
74	14.421	2091	2097	2105	rVB	1005834	1513653	88.89%	6.156%
75	14.521	2112	2114	2116	rVV	52515	36220	2.13%	0.147%
76	14.551	2116	2119	2122	rVB2	193771	171177	10.05%	0.696%
77	14.721	2144	2148	2153	rVB3	62511	91681	5.38%	0.373%
78	14.868	2169	2173	2176	rBV	239195	260307	15.29%	1.059%
79	14.921	2176	2182	2193	rVB	965165	1540962	90.49%	6.267%
80	15.215	2228	2232	2235	rBV	408680	507782	29.82%	2.065%
81	15.486	2270	2278	2283	rBV	592121	1065321	62.56%	4.333%
82	15.539	2283	2287	2292	rVB	104940	133048	7.81%	0.541%
83	15.609	2294	2299	2305	rVB	345497	461588	27.11%	1.877%
84	15.674	2305	2310	2314	rBV	247672	332774	19.54%	1.353%
85	16.062	2371	2376	2380	rVB	140389	201616	11.84%	0.820%
86	16.127	2381	2387	2395	rVV	249757	521263	30.61%	2.120%
87	16.586	2461	2465	2470	rBV2	62464	112828	6.63%	0.459%
88	16.892	2512	2517	2525	rVB2	92609	222778	13.08%	0.906%
89	17.274	2577	2582	2588	rVB2	53803	98068	5.76%	0.399%
90	17.780	2661	2668	2677	rVB4	75404	243377	14.29%	0.990%

Sum of corrected areas: 24587332

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
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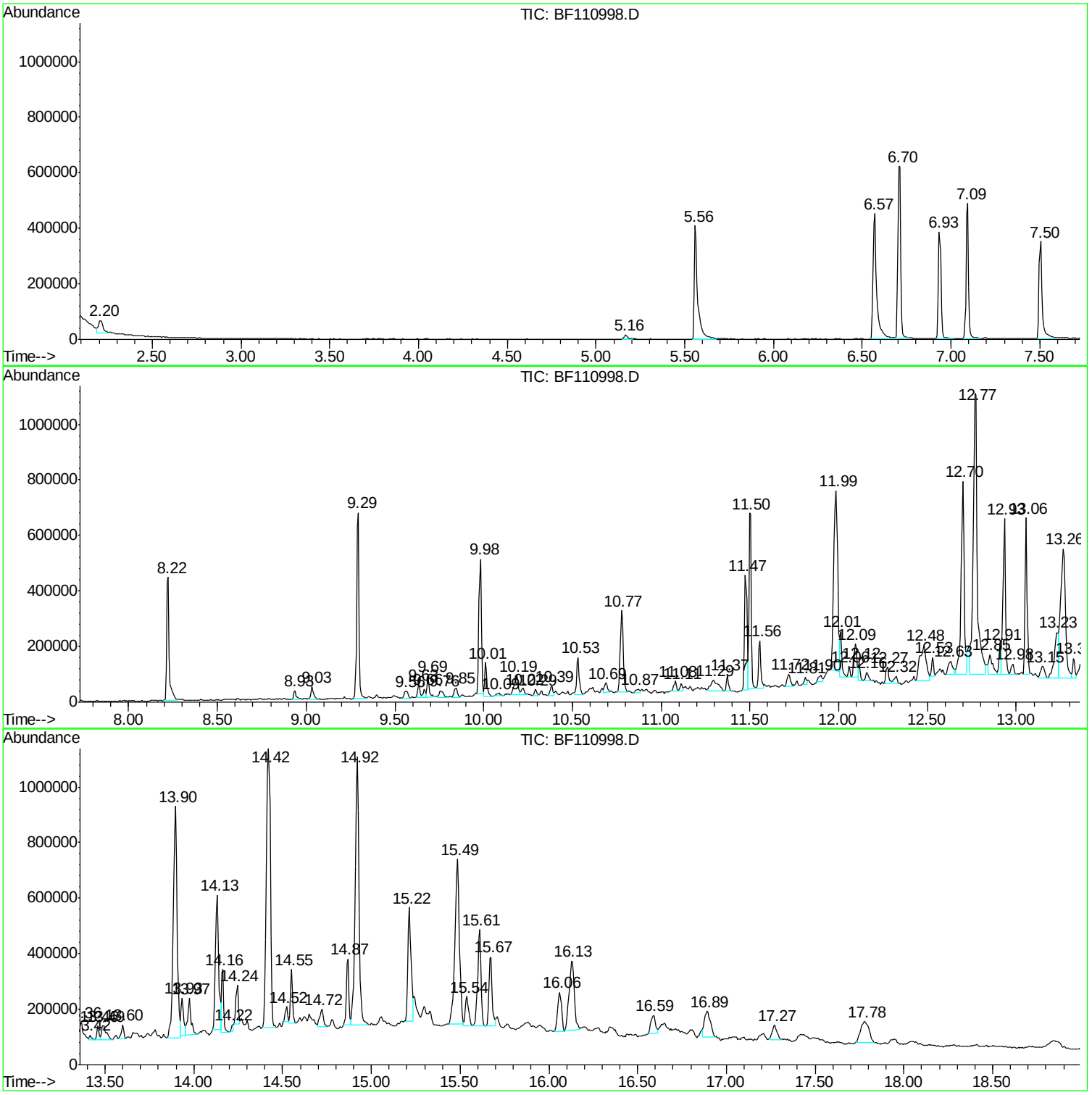
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

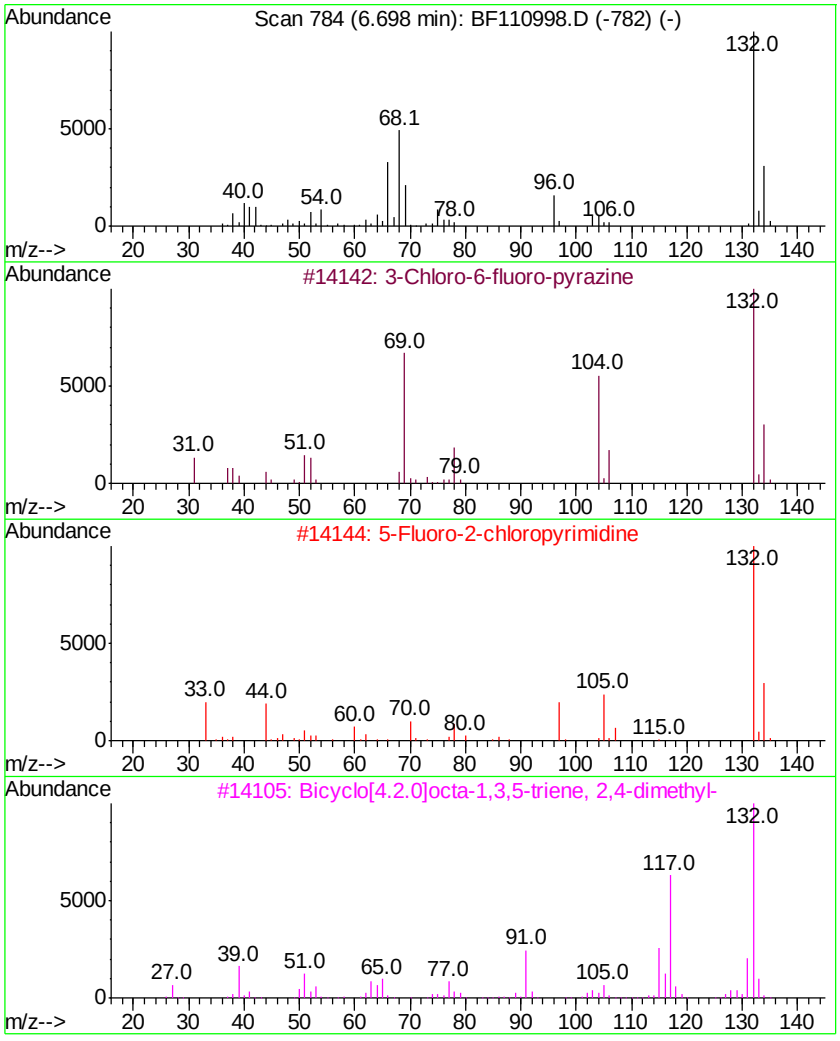
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

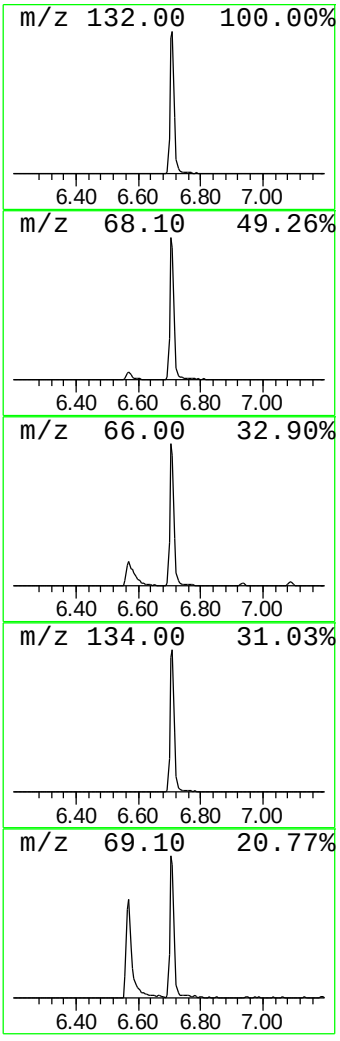
****

Peak Number 1 unknown6.70 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	34.86 ng	618526	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF110998.D
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Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

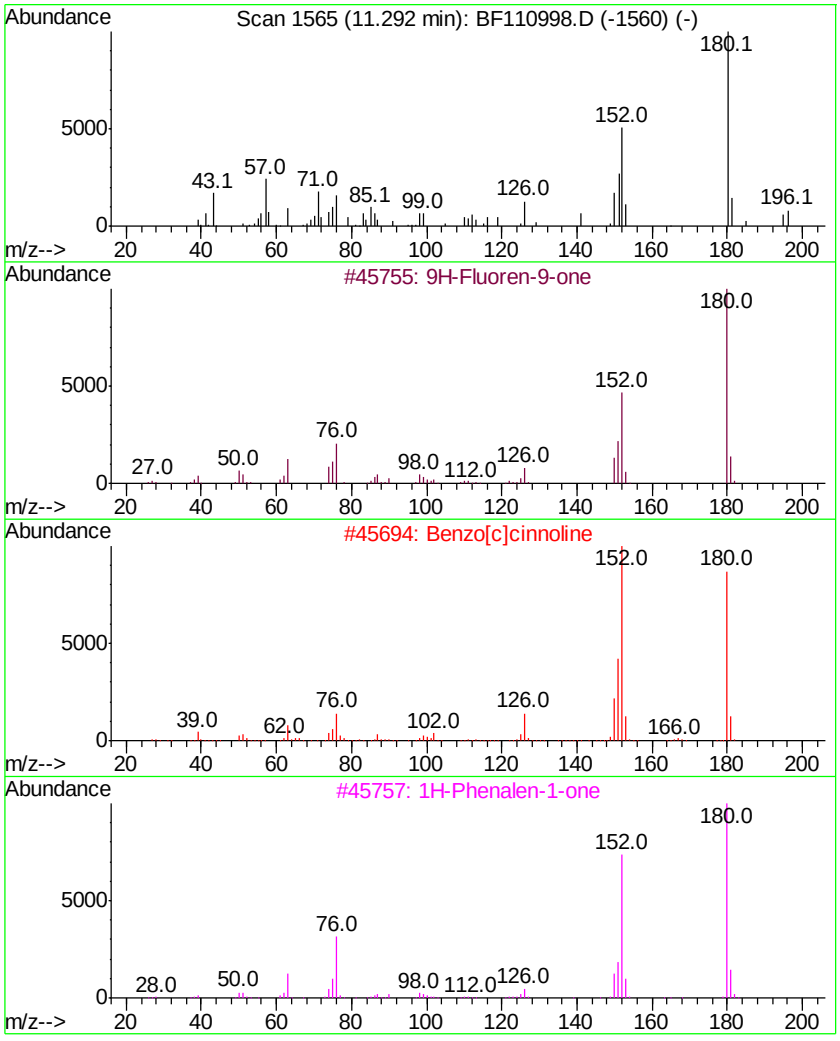
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

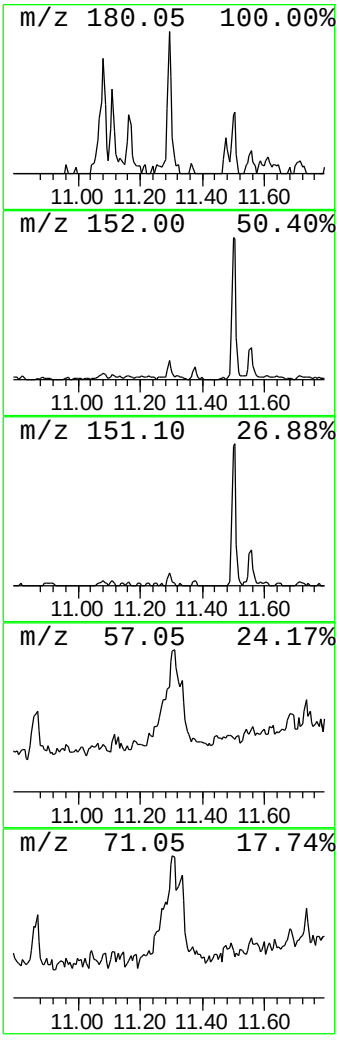
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	6.02 ng	106635	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	50





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ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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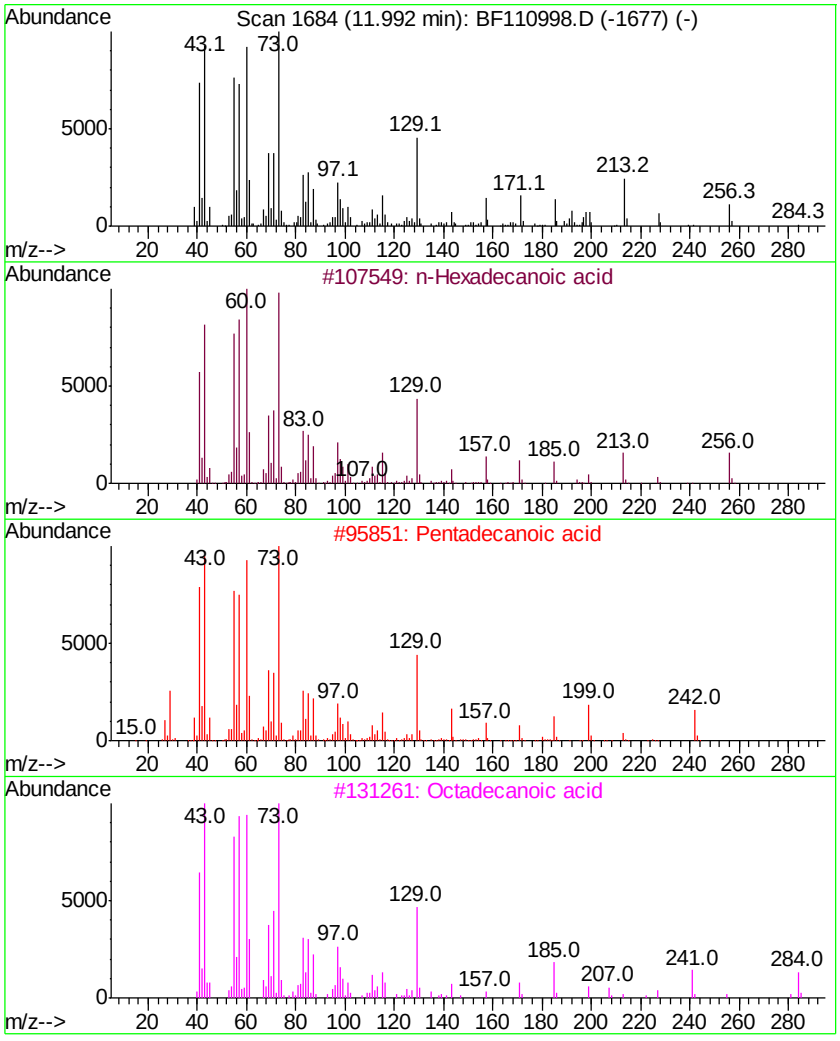
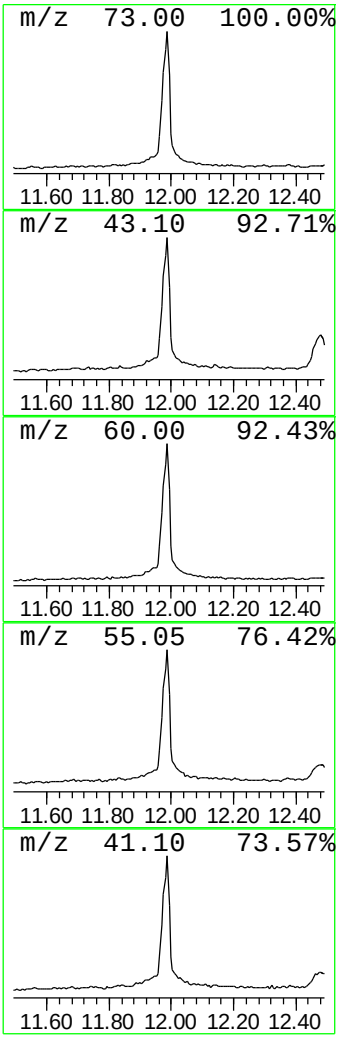
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	55.08 ng	974800	Phenanthrene-d10	11.47

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	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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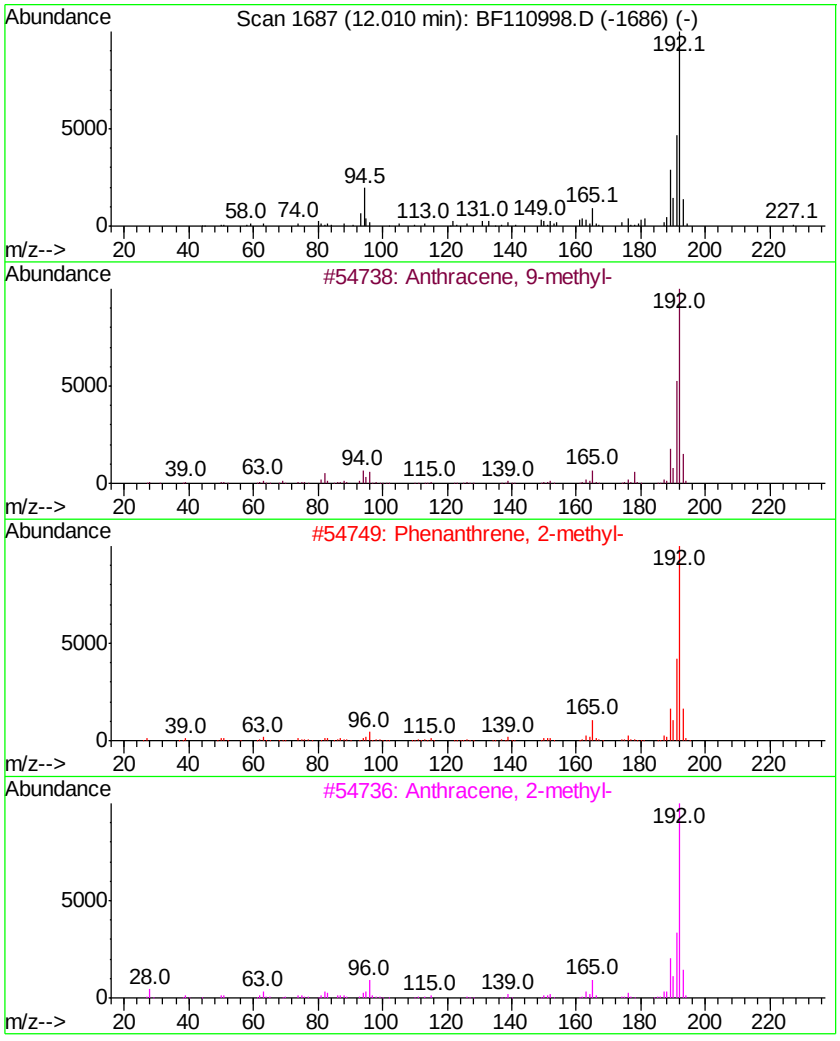
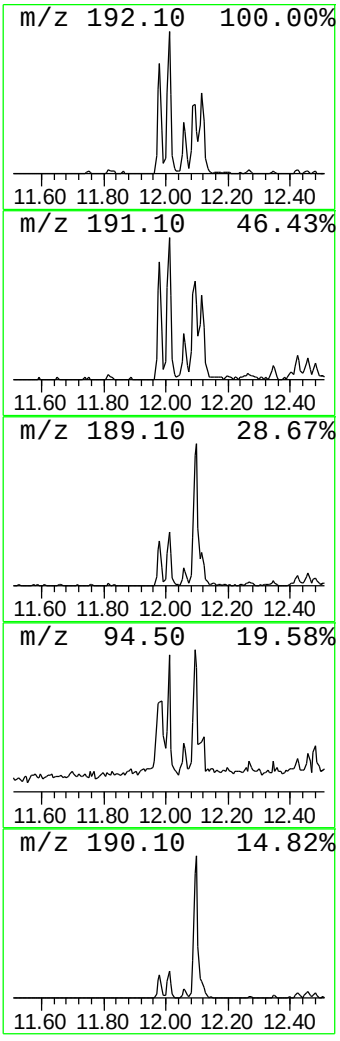
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.36 ng	112539	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





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Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

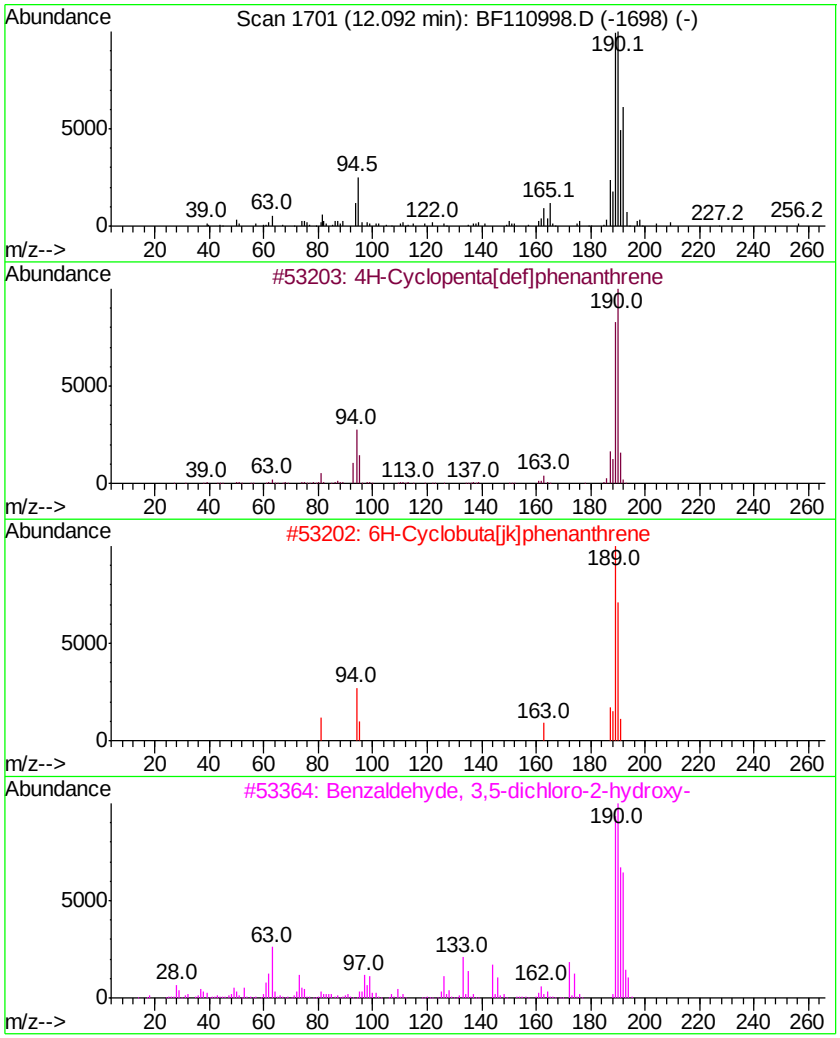
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

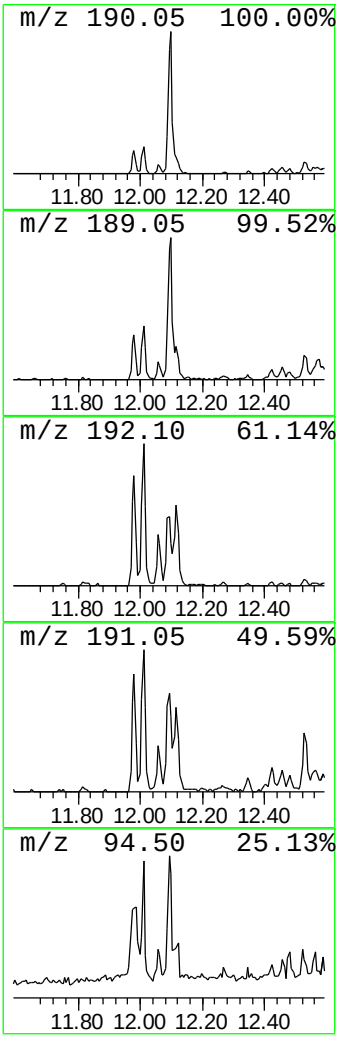
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	7.72 ng	136716	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	14
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14





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Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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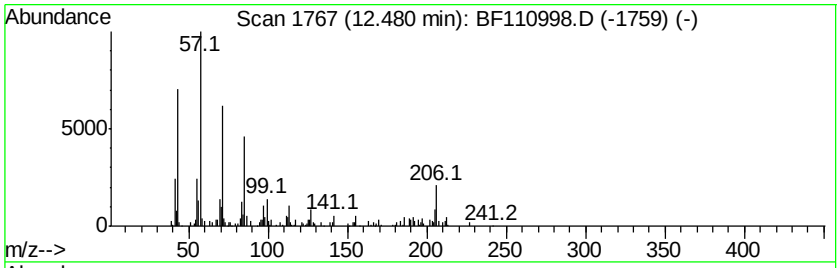
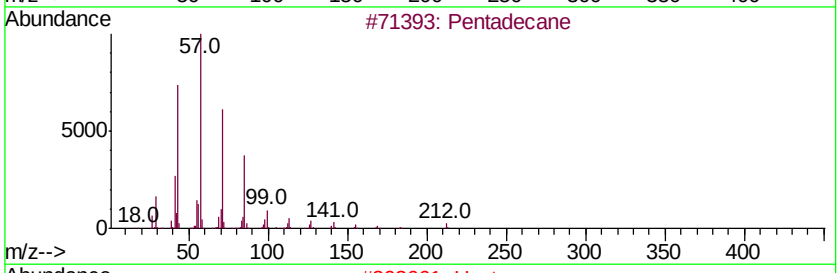
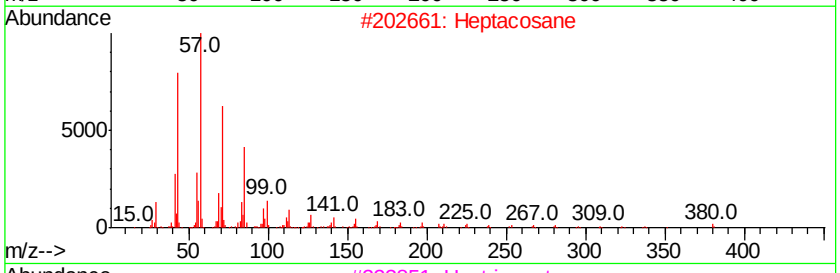
Peak Number 7 Pentadecane Concentration Rank 11

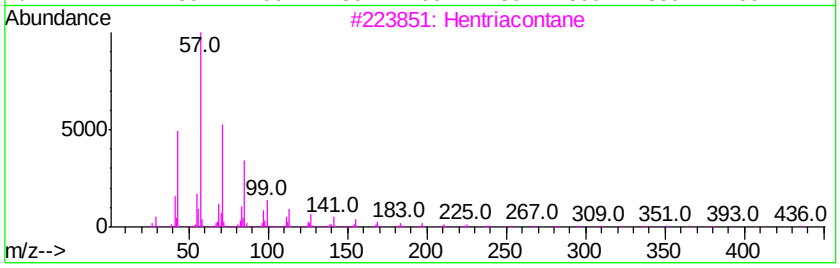
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	18.36 ng	324972	Phenanthrene-d10	11.47

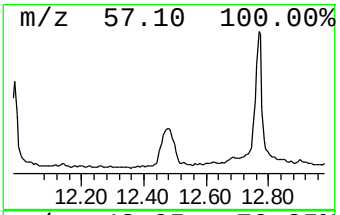
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Heptacosane	380	C27H56	000593-49-7	81
3	Hentriacontane	437	C31H64	000630-04-6	81
4	Tetratetracontane	619	C44H90	007098-22-8	81
5	Hexacosane	366	C26H54	000630-01-3	81

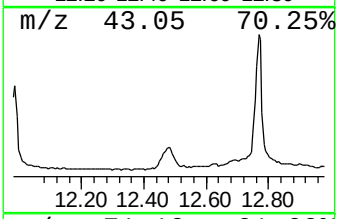


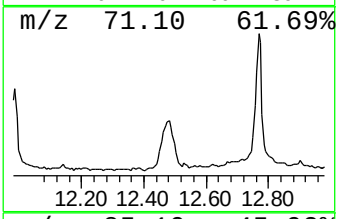


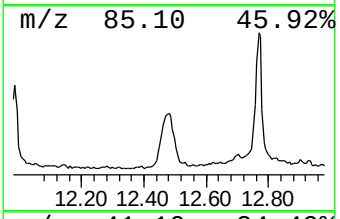


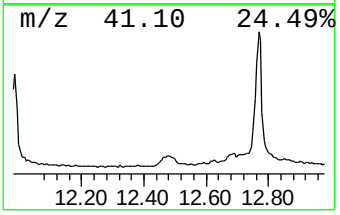












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Operator : JU/SJ
Sample : J5770-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-112118-B

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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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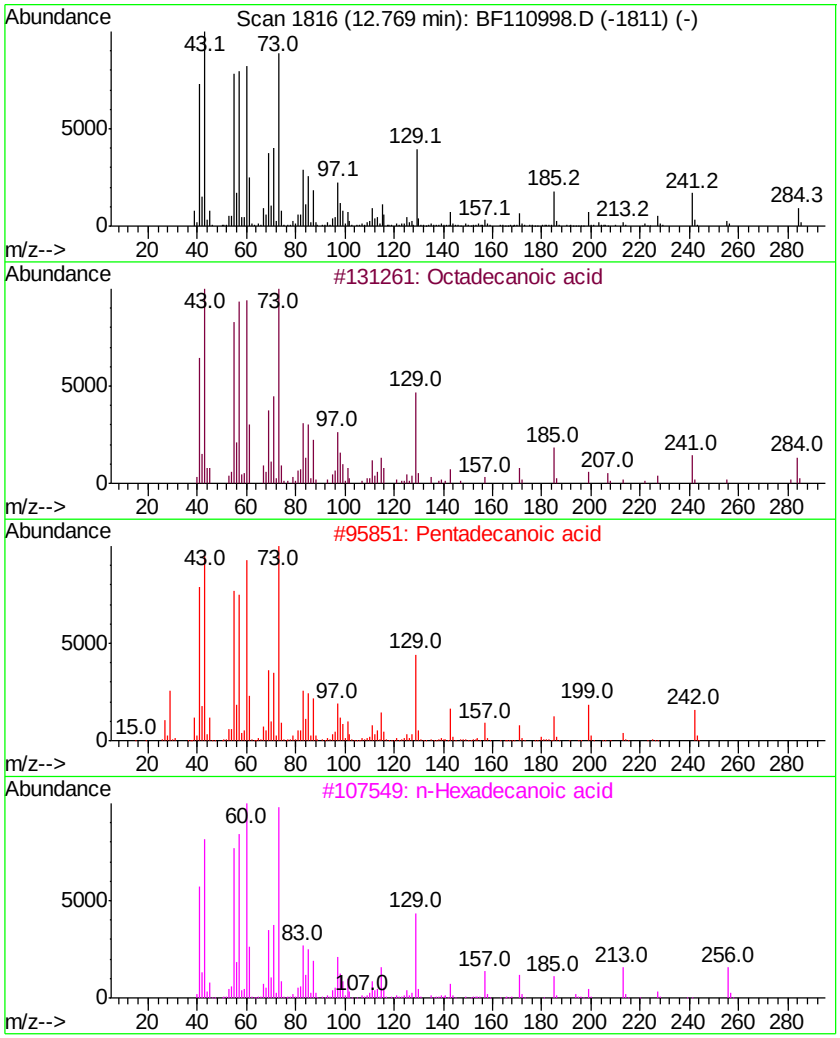
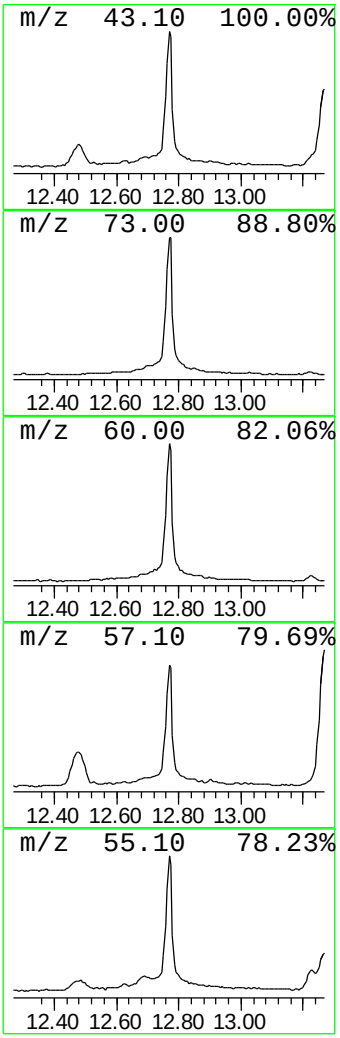
Peak Number 8 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	96.21 ng	1702820	Phenanthrene-d10	11.47

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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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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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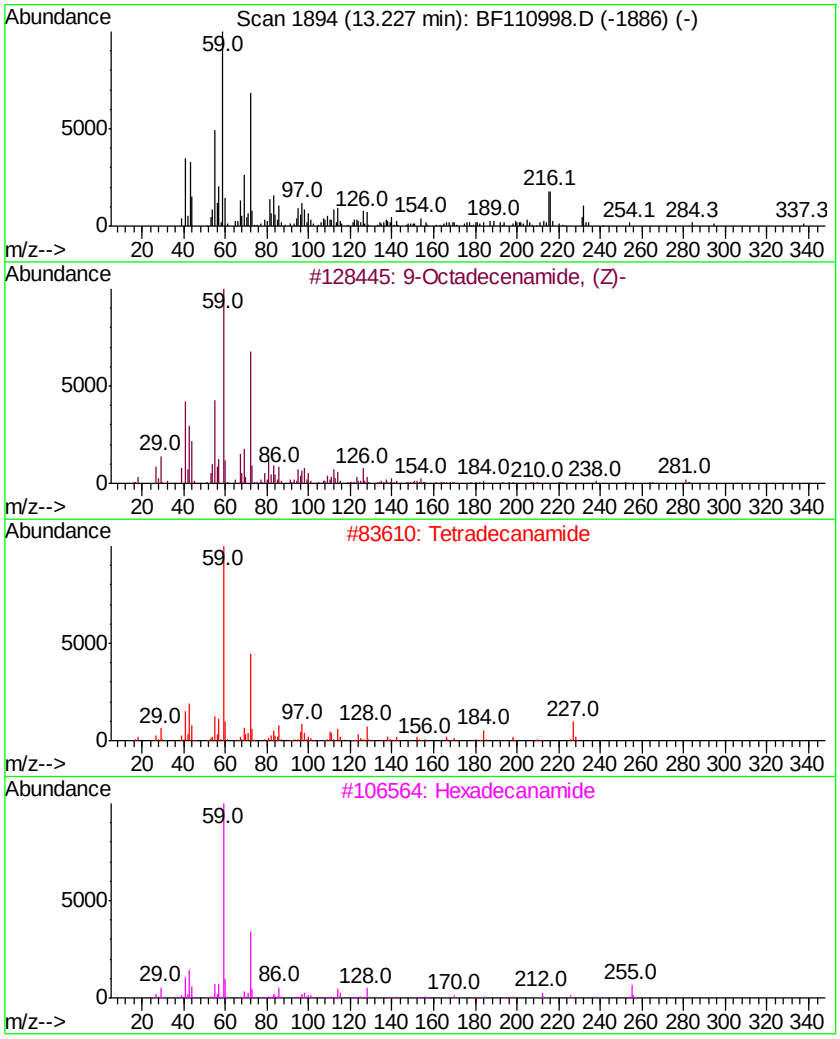
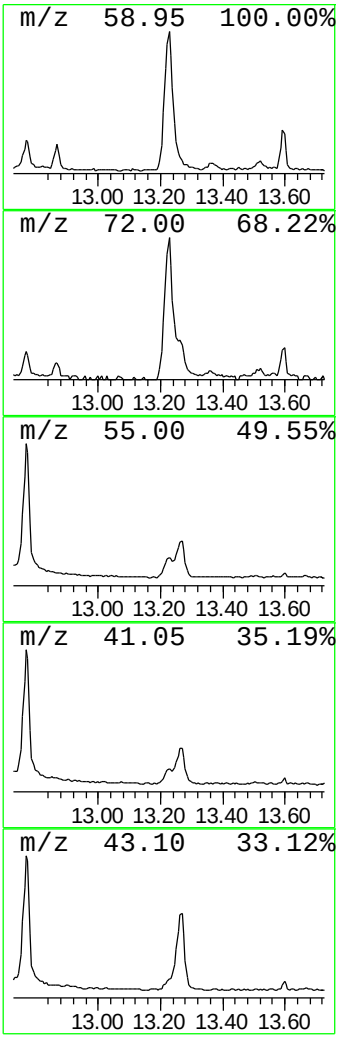
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	9.02 ng	302549	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Tetradecanamide	227	C14H29NO	000638-58-4	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	50
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
5	Silane, hexyl-	116	C6H16Si	001072-14-6	38





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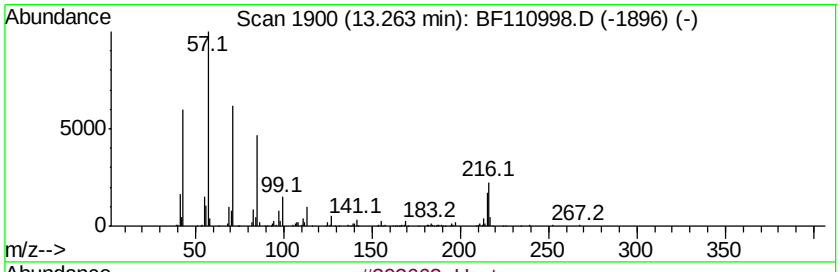
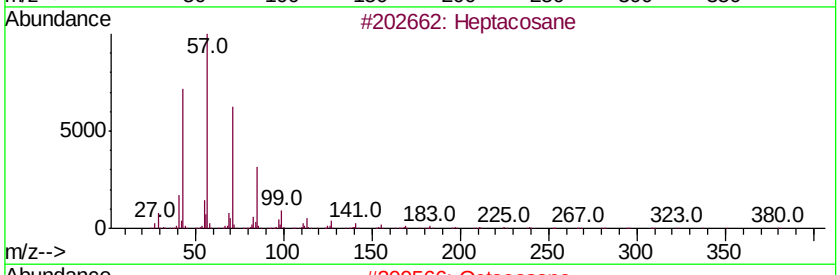
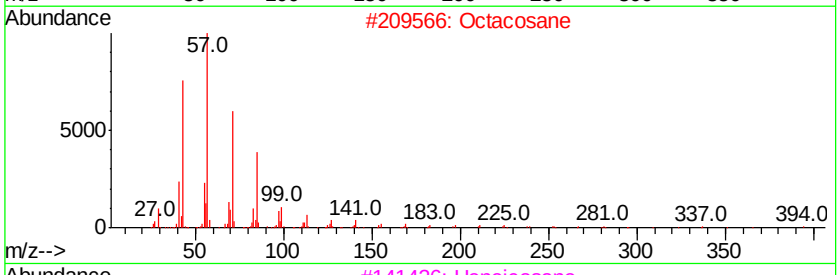
Peak Number 10 Heptacosane Concentration Rank 10

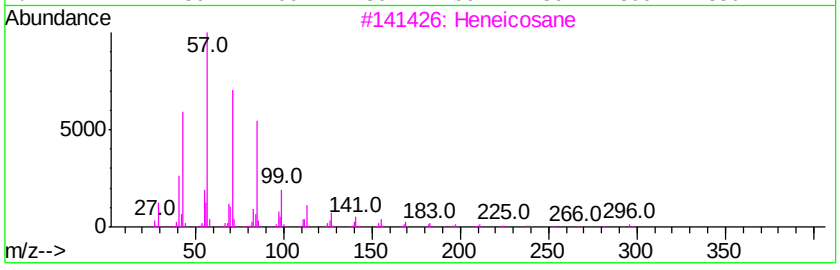
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	25.59 ng	858836	Chrysene-d12	14.13

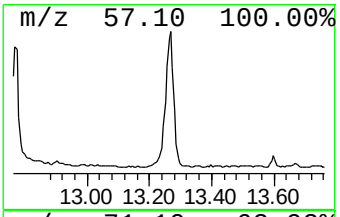
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	62
2	Octacosane	394	C28H58	000630-02-4	60
3	Heneicosane	296	C21H44	000629-94-7	58
4	Docosane	310	C22H46	000629-97-0	58
5	Octadecane	254	C18H38	000593-45-3	58

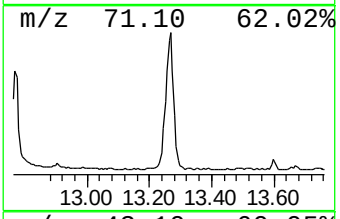


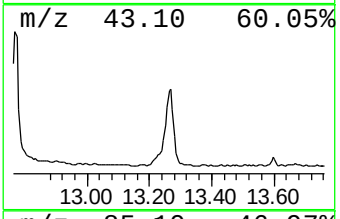


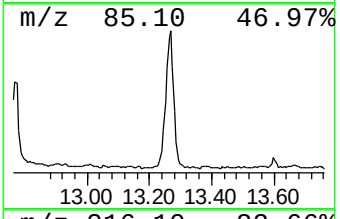


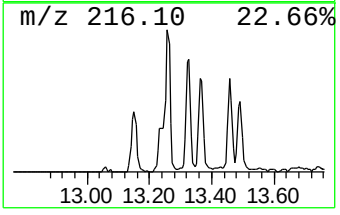












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Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : OR-02-112118-B

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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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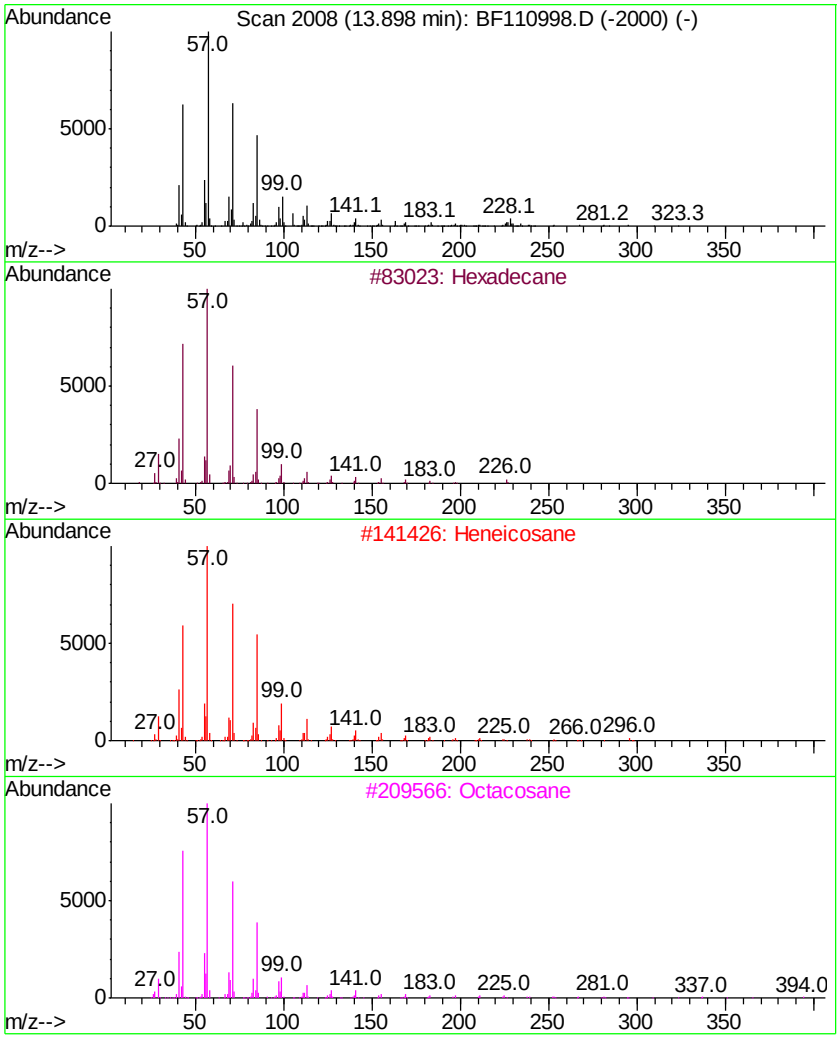
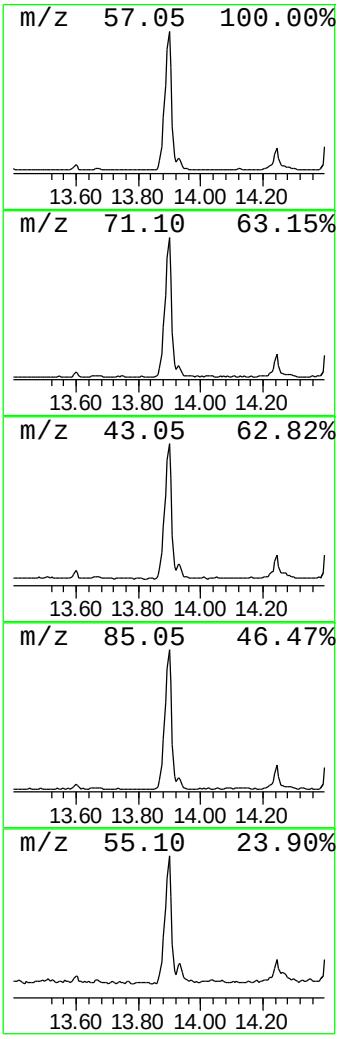
Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	39.52 ng	1326180	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Misc :
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ClientSampleId : OR-02-112118-B

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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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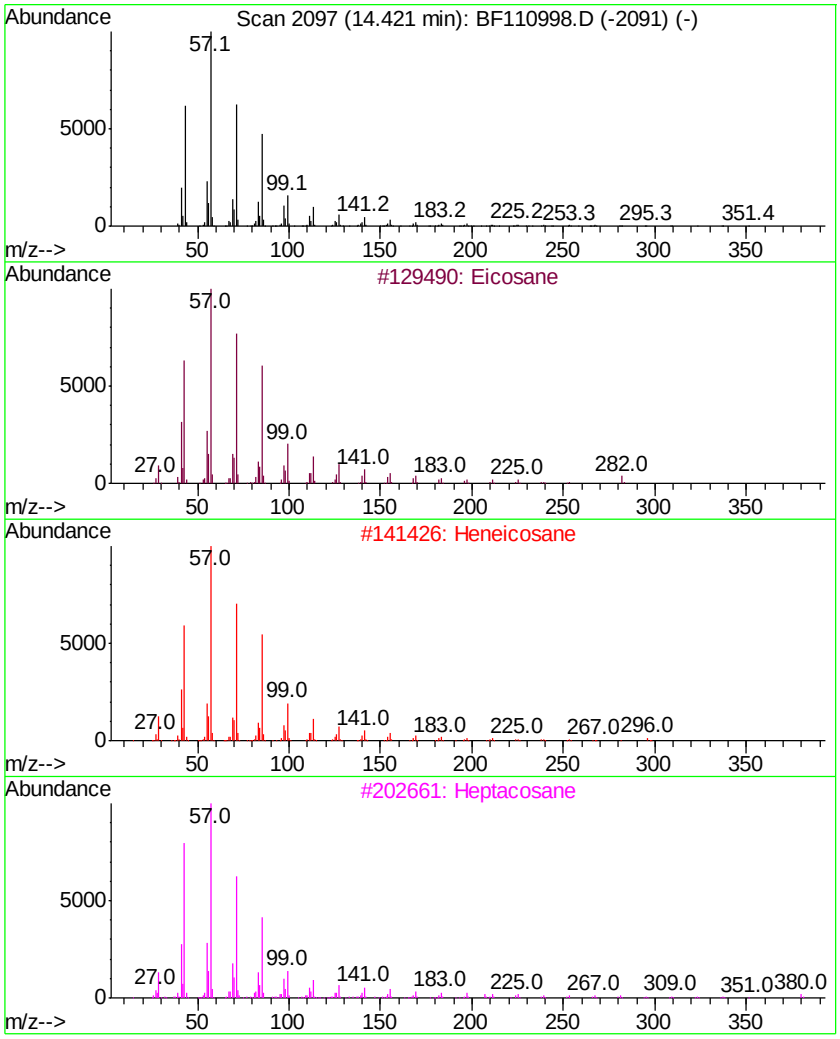
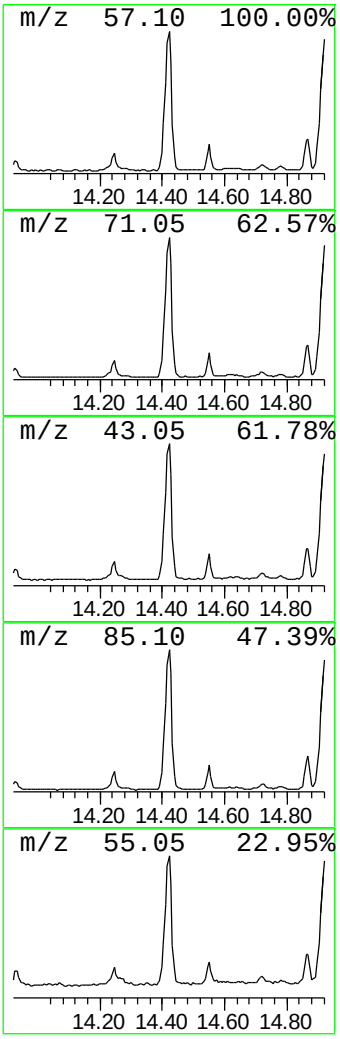
Peak Number 12 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	45.10 ng	1513650	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





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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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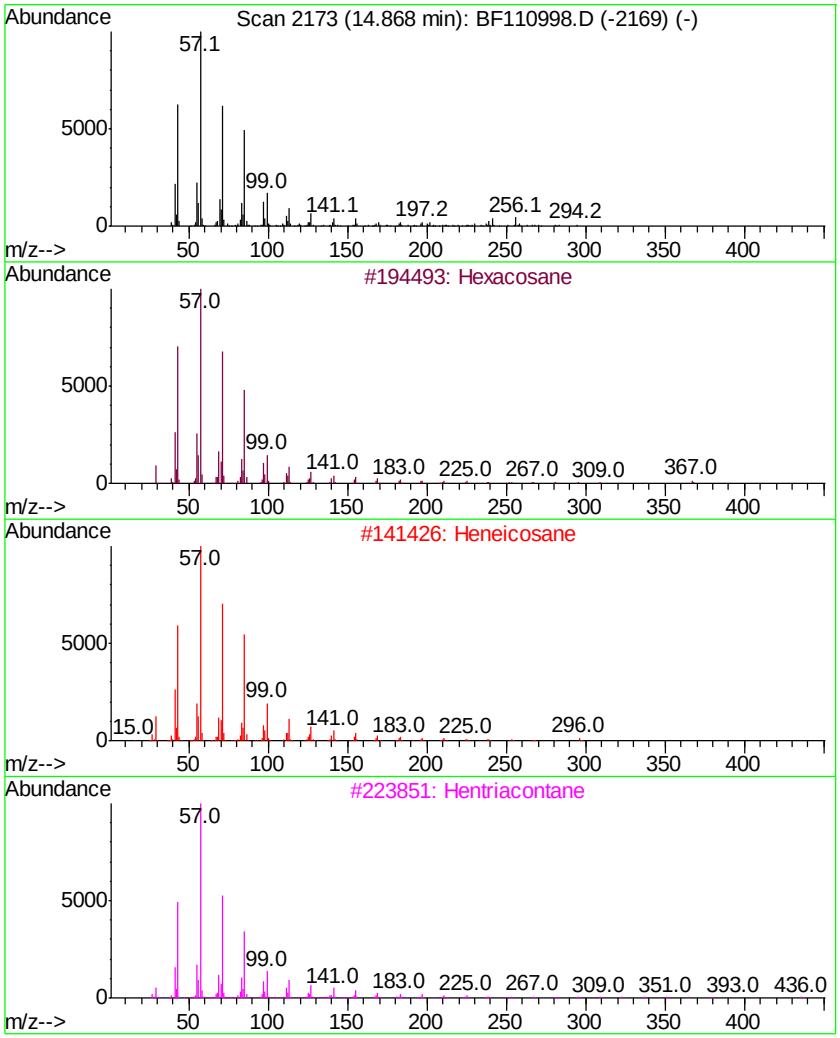
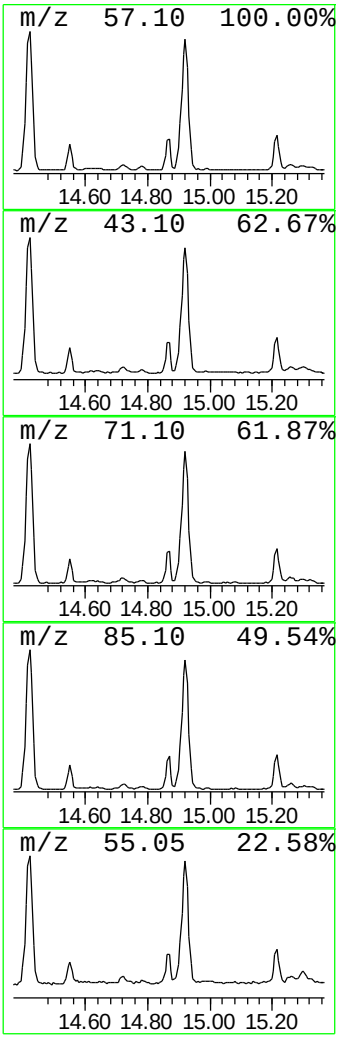
Peak Number 13 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.76 ng	260307	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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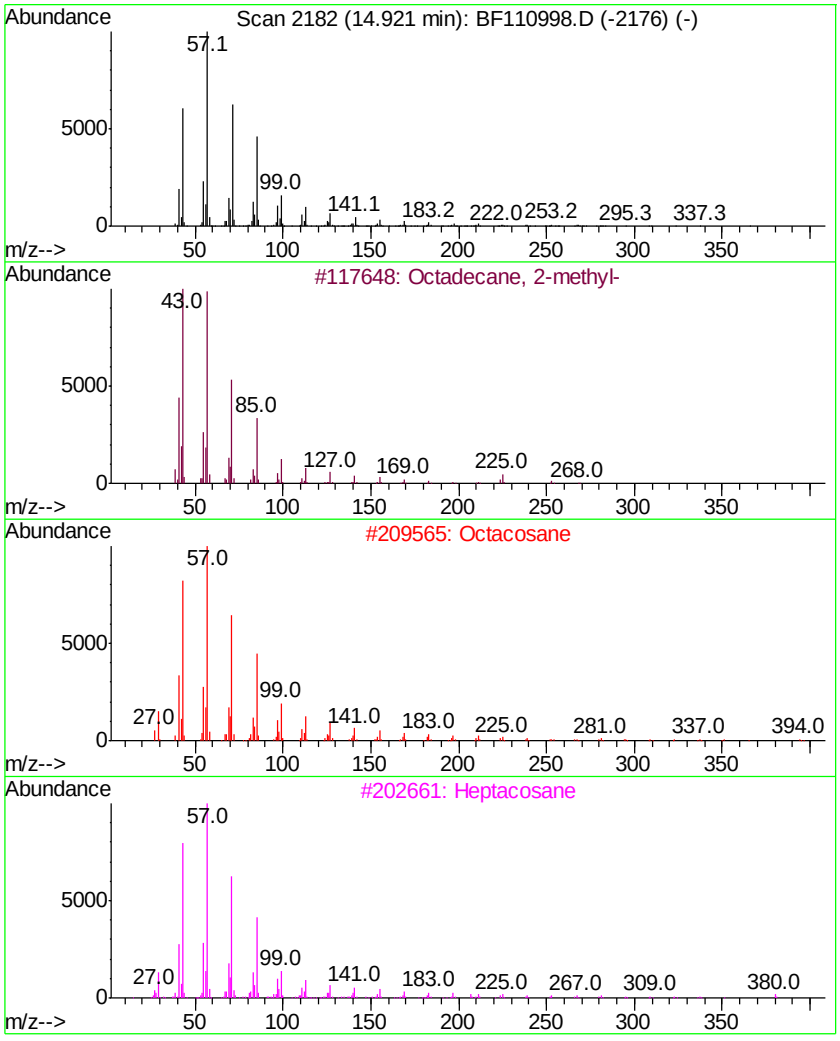
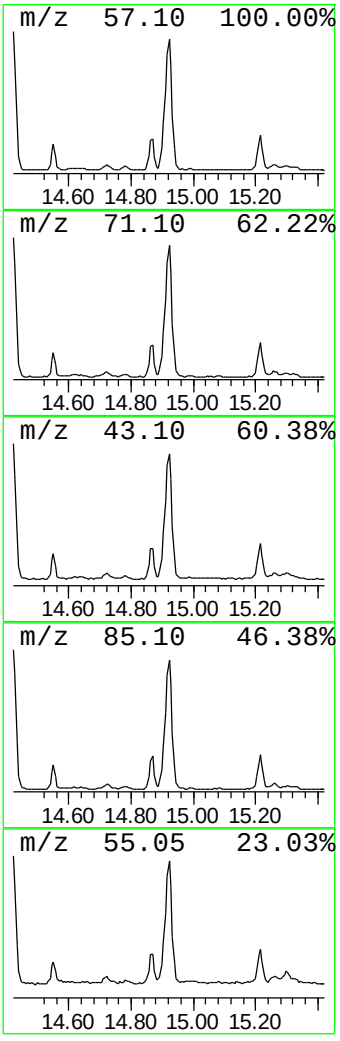
Peak Number 14 Octadecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	92.61 ng	1540960	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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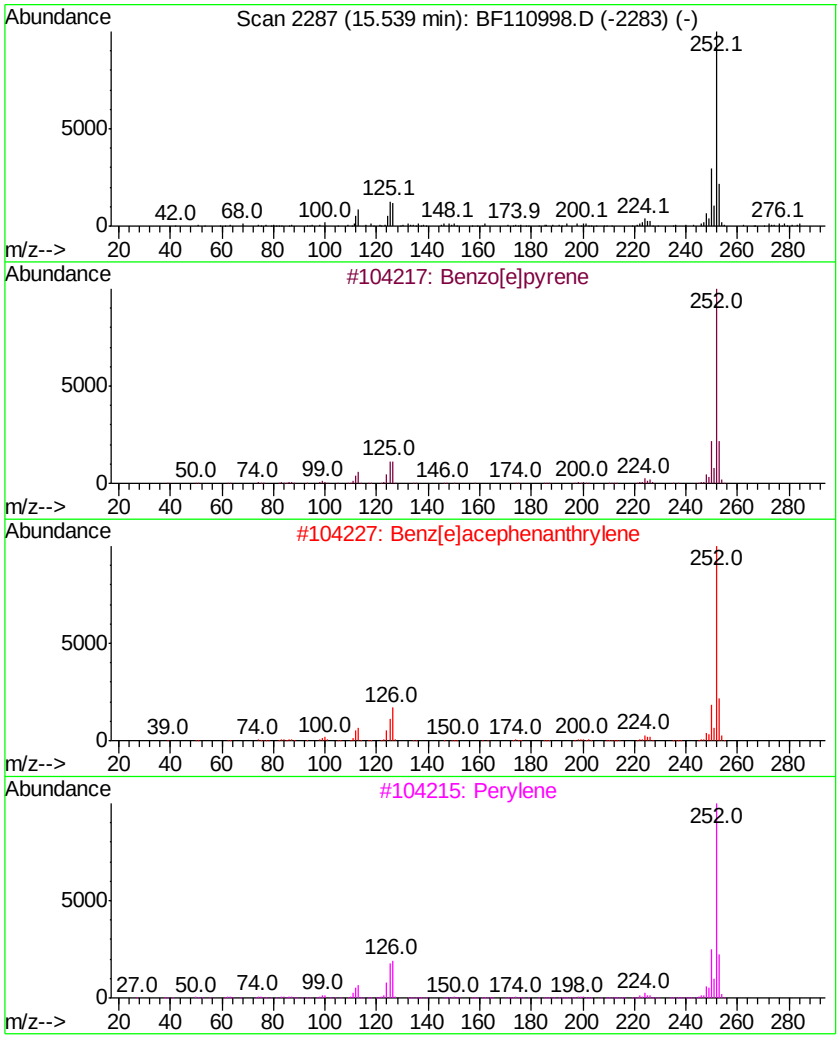
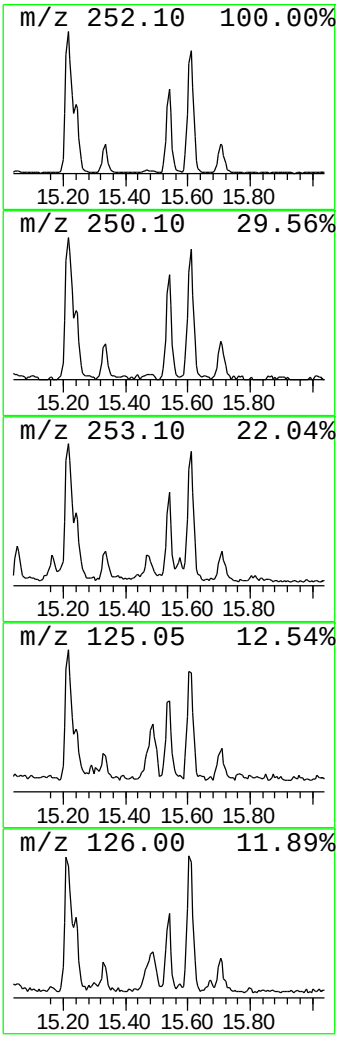
Peak Number 16 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	8.00 ng	133048	Perylene-d12	15.67

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	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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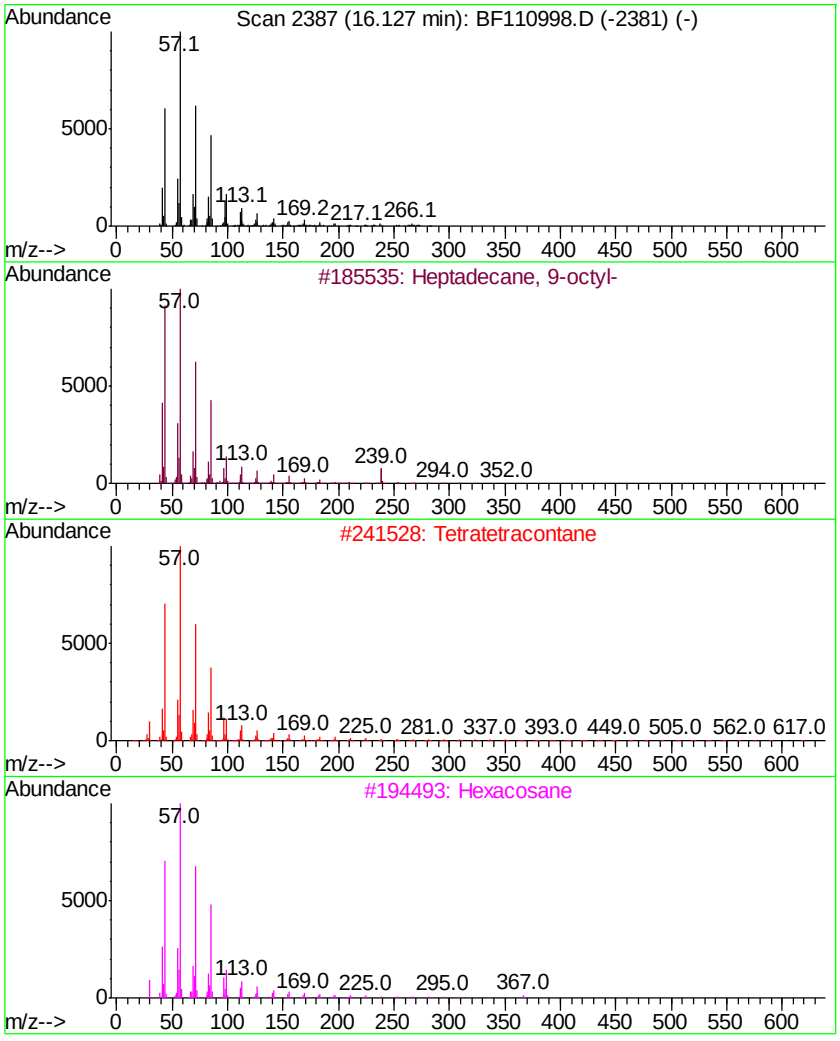
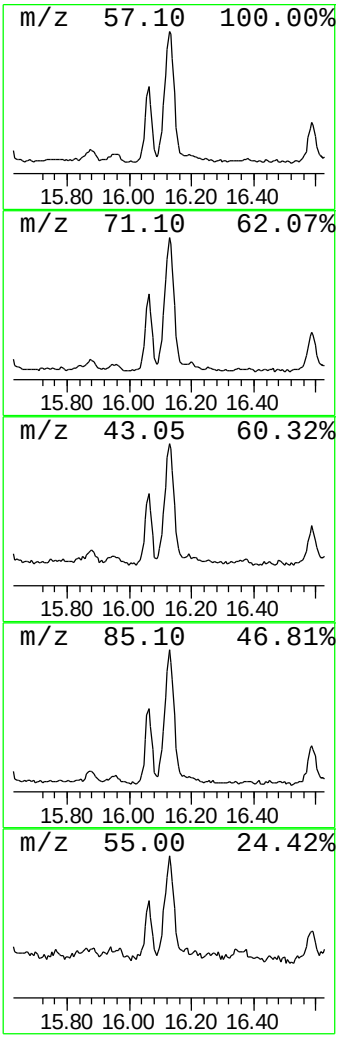
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	31.33 ng	521263	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





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Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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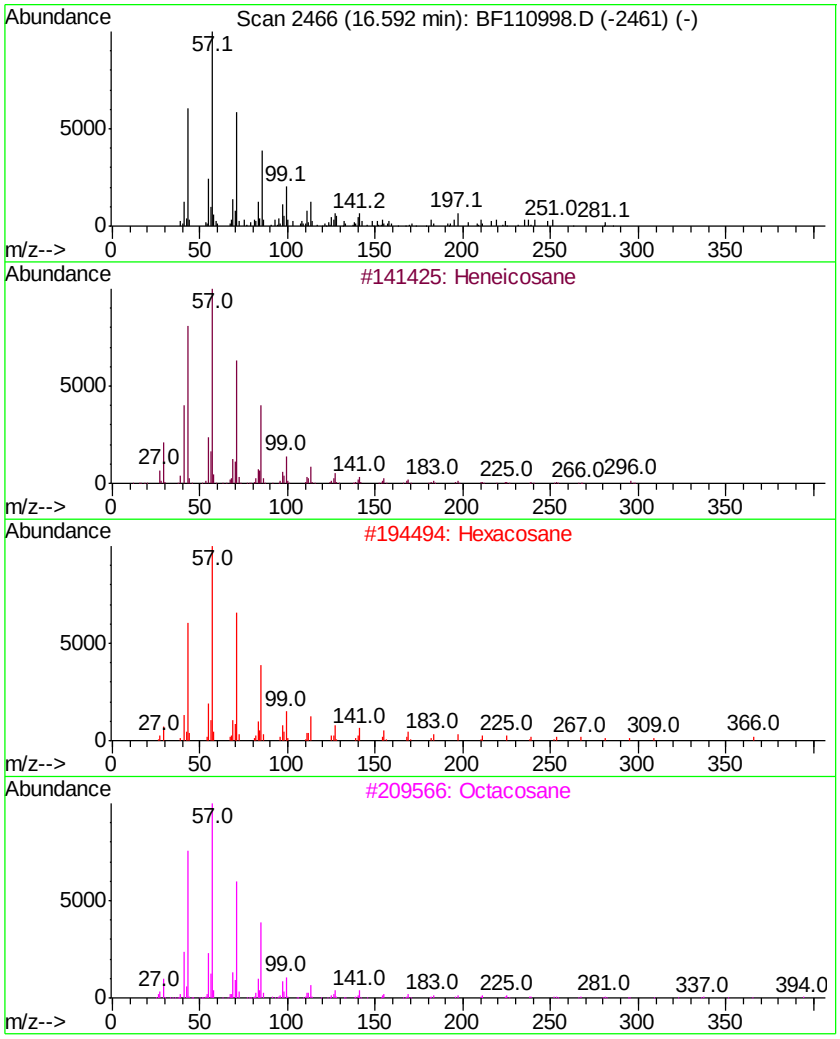
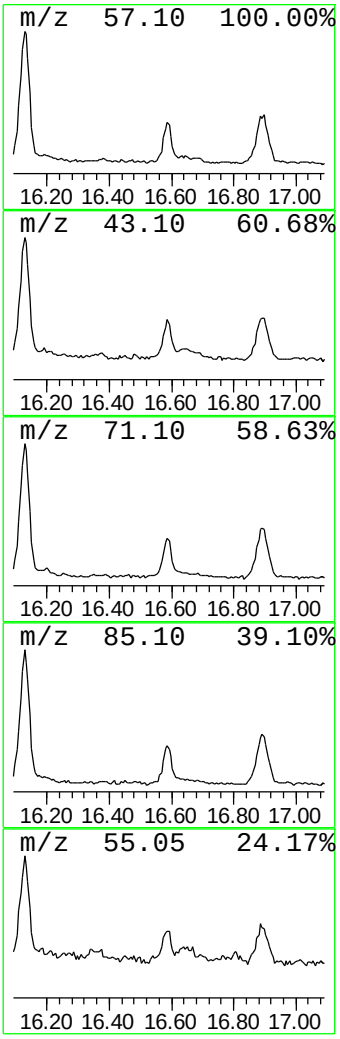
Peak Number 19 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	6.78 ng	112828	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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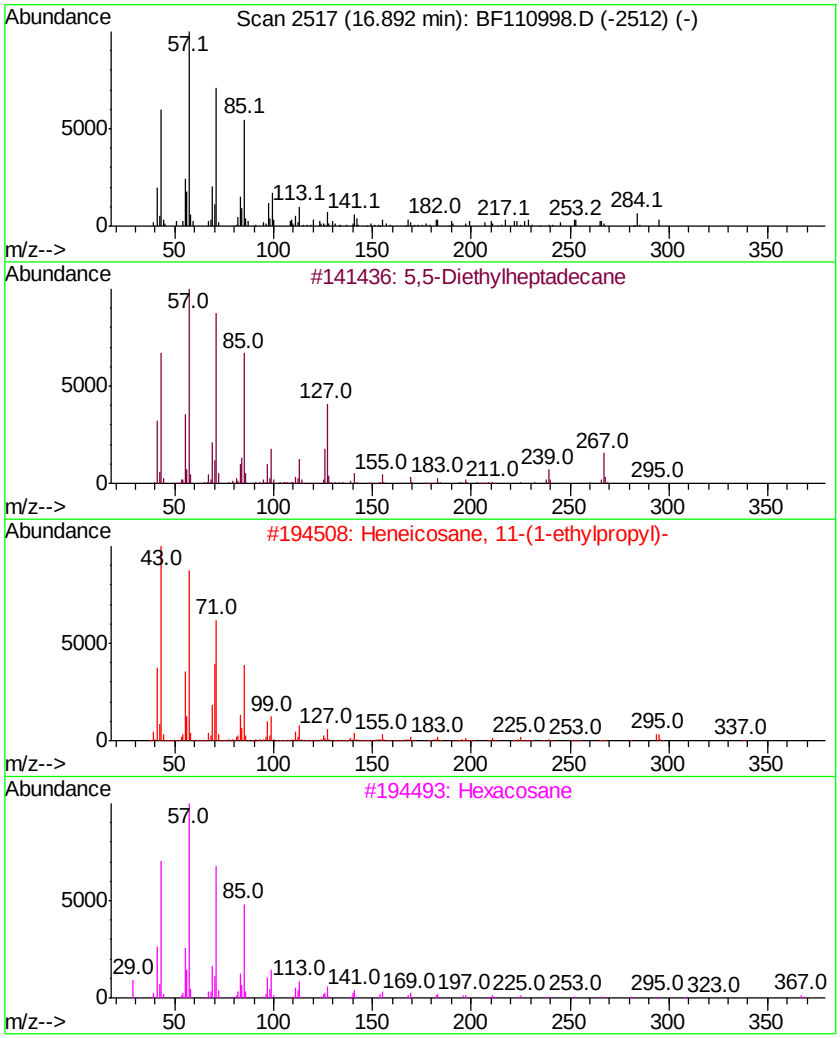
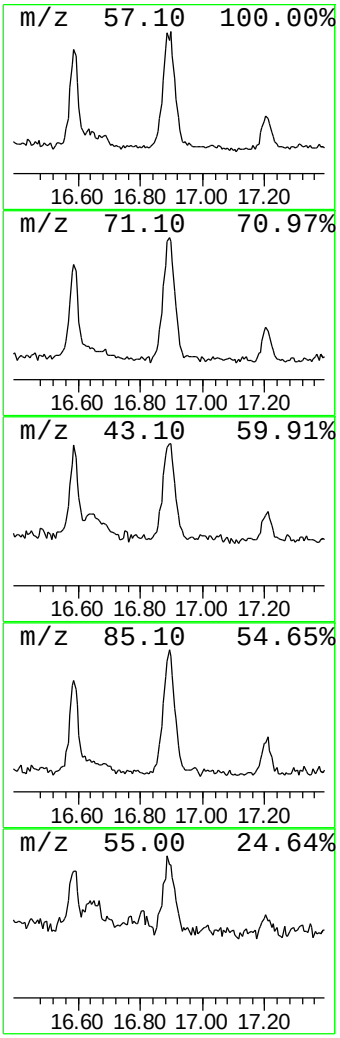
Peak Number 20 5,5-Diethylheptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	13.39 ng	222778	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Diethylheptadecane	296	C21H44	1000360-41-7	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
unknown6.70	6.70	34.9	ng	618526	1	6.93	354838	20.0
9H-Fluoren-9-one	11.29	6.0	ng	106635	4	11.47	353982	20.0
n-Hexadecanoic acid	11.99	55.1	ng	974800	4	11.47	353982	20.0
Anthracene, 9-met...	12.01	6.4	ng	112539	4	11.47	353982	20.0
4H-Cyclopenta[def...	12.09	7.7	ng	136716	4	11.47	353982	20.0
Pentadecane	12.48	18.4	ng	324972	4	11.47	353982	20.0
Octadecanoic acid	12.77	96.2	ng	1702820	4	11.47	353982	20.0
9-Octadecenamide,...	13.23	9.0	ng	302549	5	14.13	671177	20.0
Heptacosane	13.26	25.6	ng	858836	5	14.13	671177	20.0
Hexadecane	13.90	39.5	ng	1326180	5	14.13	671177	20.0
Eicosane	14.42	45.1	ng	1513650	5	14.13	671177	20.0
Hexacosane	14.87	7.8	ng	260307	5	14.13	671177	20.0
Octadecane, 2-met...	14.92	92.6	ng	1540960	6	15.67	332774	20.0
Benzo[e]pyrene	15.54	8.0	ng	133048	6	15.67	332774	20.0
Heptadecane, 9-oc...	16.13	31.3	ng	521263	6	15.67	332774	20.0
Heneicosane	16.59	6.8	ng	112828	6	15.67	332774	20.0
5,5-Diethylheptad...	16.89	13.4	ng	222778	6	15.67	332774	20.0