LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-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-BF022719.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	5.340	549	553	567	rBV	1639804	1518482	41.44%	3.925%
2	6.363	723	727	743	rBV	1758488	1650165	45.03%	4.265%
3	6.498	746	750	758	rBV	1955601	1652450	45.09%	4.271%
4	6.734	786	790	799	rBV	1154250	1050821	28.67%	2.716%
5	6.887	812	816	826	rBV	1511525	1235662	33.72%	3.194%
6	7.287	879	884	891	rBV	963395	918016	25.05%	2.373%
7	8.010	1003	1007	1015	rBV	1235203	1254738	34.24%	3.243%
8	8.616	1107	1110	1114	rBV	132694	115721	3.16%	0.299%
9	8.716	1123	1127	1133	rVB2	33657	60867	1.66%	0.157%
10	8.822	1142	1145	1150	rBV2	47716	83813	2.29%	0.217%
11	9.045	1181	1183	1186	rVB2	52355	47470	1.30%	0.123%
12	9.086	1186	1190	1196	rBV	1658501	1478234	40.34%	3.821%
13	9.181	1203	1206	1210	rBV	214421	177991	4.86%	0.460%
14	9.345	1229	1234	1241	rBV4	41321	85310	2.33%	0.220%
15	9.428	1241	1248	1250	rBV3	71205	109066	2.98%	0.282%
16	9.481	1254	1257	1262	rBV2	127524	179546	4.90%	0.464%
17	9.710	1293	1296	1299	rBV	213554	194248	5.30%	0.502%
18	9.763	1299	1305	1308	rBV	1353151	1237044	33.76%	3.197%
19	9.792	1308	1310	1314	rVB	96540	82686	2.26%	0.214%
20	9.969	1337	1340	1343	rVB	76892	64614	1.76%	0.167%
21	10.028	1348	1350	1354	rVB3	51952	52663	1.44%	0.136%
22	10.204	1377	1380	1384	rVB	244346	190927	5.21%	0.493%
23	10.304	1395	1397	1404	rBV	119331	140282	3.83%	0.363%
24	10.428	1414	1418	1420	rBV	75017	84293	2.30%	0.218%
25	10.545	1434	1438	1443	rBV	939021	897977	24.50%	2.321%
26	10.675	1457	1460	1467	rBV	257344	274082	7.48%	0.708%
27	11.122	1533	1536	1540	rBV2	194453	196702	5.37%	0.508%
28	11.151	1540	1541	1546	rVB	79828	63904	1.74%	0.165%
29	11.239	1552	1556	1558	rBV	1214305	1060807	28.95%	2.742%
30	11.263	1558	1560	1564	rVV	635089	516310	14.09%	1.334%
31	11.316	1565	1569	1573	rVB	165909	175799	4.80%	0.454%
32	11.545	1605	1608	1610	rBV	167220	139309	3.80%	0.360%
33	11.569	1610	1612	1615	rVB3	78879	65955	1.80%	0.170%
34	11.645	1621	1625	1630	rVB	1594279	1351392	36.88%	3.493%

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Misc :
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Instrument : BNA_F
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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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.739	1638	1641	1644	rBV	98908	98451	2.69%	0.254%
36	11.774	1644	1647	1651	rVV2	322061	387472	10.57%	1.001%
37	11.816	1651	1654	1657	rVV2	67083	87662	2.39%	0.227%
38	11.851	1657	1660	1662	rVV	212376	221371	6.04%	0.572%
39	11.874	1662	1664	1670	rVB	87888	92162	2.51%	0.238%
40	11.951	1670	1677	1685	rBV2	145245	195552	5.34%	0.505%
41	12.033	1689	1691	1701	rVB4	66479	120768	3.30%	0.312%
42	12.286	1731	1734	1737	rBV	84228	77414	2.11%	0.200%
43	12.327	1737	1741	1743	rBV	3705084	3664657	100.00%	9.471%
44	12.351	1743	1745	1748	rVB	4189147	3288984	89.75%	8.500%
45	12.445	1756	1761	1765	rBV2	877695	1317845	35.96%	3.406%
46	12.480	1765	1767	1775	rVV3	218372	331871	9.06%	0.858%
47	12.557	1778	1780	1785	rVV3	128490	140718	3.84%	0.364%
48	12.674	1794	1800	1803	rBV	729681	895092	24.42%	2.313%
49	12.710	1803	1806	1809	rVB3	76607	81933	2.24%	0.212%
50	12.816	1821	1824	1833	rVB	1386360	1250203	34.12%	3.231%
51	12.892	1834	1837	1840	rBV2	49829	65277	1.78%	0.169%
52	13.004	1849	1856	1860	rBV2	195838	352149	9.61%	0.910%
53	13.069	1863	1867	1871	rVV2	250755	341157	9.31%	0.882%
54	13.104	1871	1873	1876	rVV2	103475	104648	2.86%	0.270%
55	13.157	1879	1882	1885	rVB2	108111	105691	2.88%	0.273%
56	13.192	1886	1888	1891	rVB	83833	71269	1.94%	0.184%
57	13.227	1891	1894	1898	rBV2	80362	95009	2.59%	0.246%
58	13.310	1905	1908	1913	rVB7	64366	80398	2.19%	0.208%
59	13.404	1921	1924	1927	rBV	120083	112952	3.08%	0.292%
60	13.727	1976	1979	1987	rVB2	202668	245729	6.71%	0.635%
61	13.821	1992	1995	1997	rBV	80661	85635	2.34%	0.221%
62	13.863	1997	2002	2005	rBV2	1482420	1697741	46.33%	4.388%
63	13.886	2005	2006	2010	rVB	354498	264226	7.21%	0.683%
64	14.045	2030	2033	2037	rVB2	228803	208584	5.69%	0.539%
65	14.345	2081	2084	2087	rBV	305425	288600	7.88%	0.746%
66	14.645	2132	2135	2141	rVB	376110	394925	10.78%	1.021%
67	14.874	2170	2174	2183	rBV	309684	595959	16.26%	1.540%
68	14.963	2186	2189	2194	rVB2	405297	460828	12.57%	1.191%
69	15.151	2219	2221	2227	rVB	173816	212139	5.79%	0.548%
70	15.210	2228	2231	2237	rVV	237147	313914	8.57%	0.811%
71	15.274	2237	2242	2245	rVV	919161	1121186	30.59%	2.898%

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Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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72	15.315	2246	2249	2254	rVB	380428	473943	12.93%	1.225%
73	15.721	2314	2318	2323	rBV	250068	340649	9.30%	0.880%

Sum of corrected areas: 38692109

LSC Report - Integrated Chromatogram

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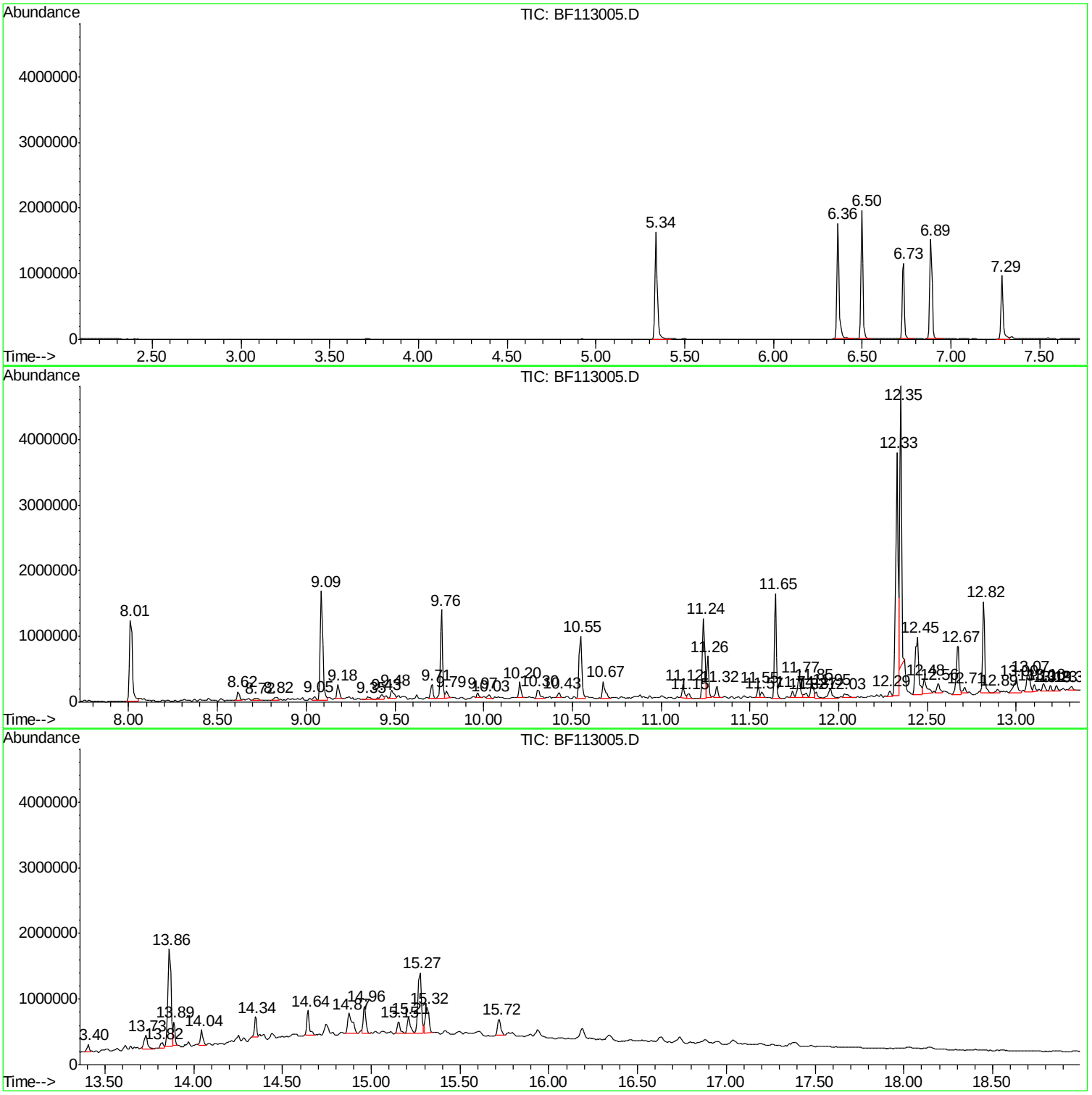
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031219\
Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

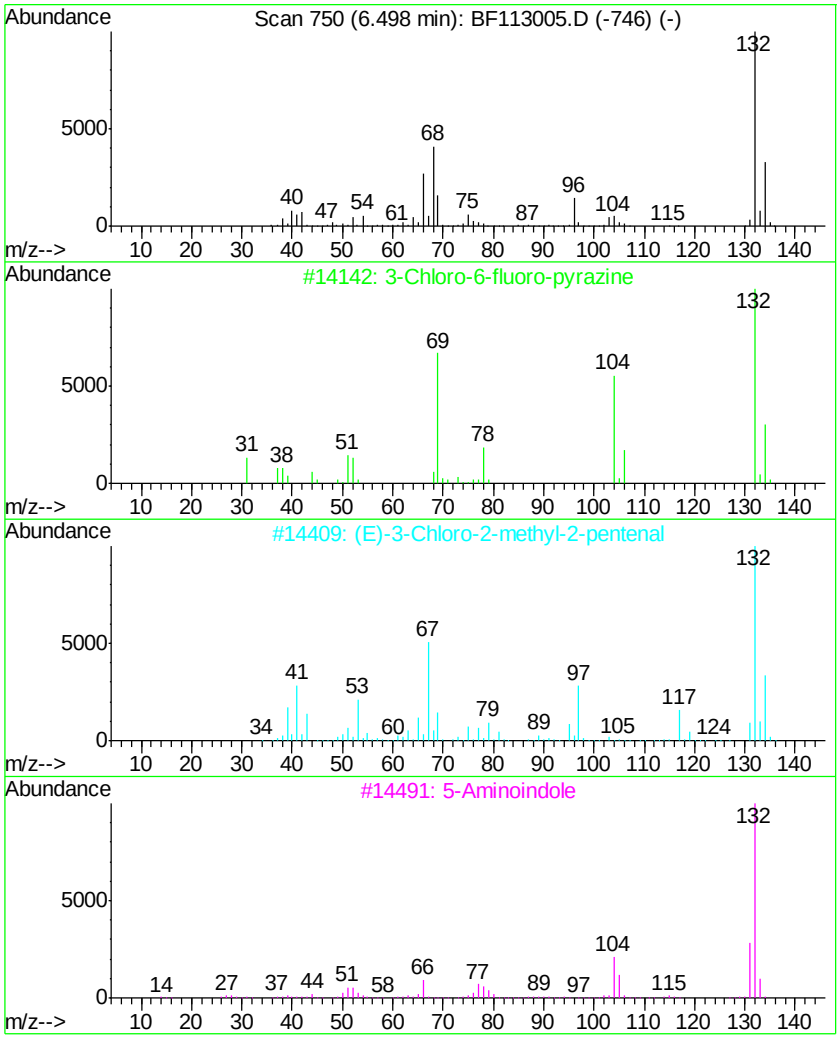
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

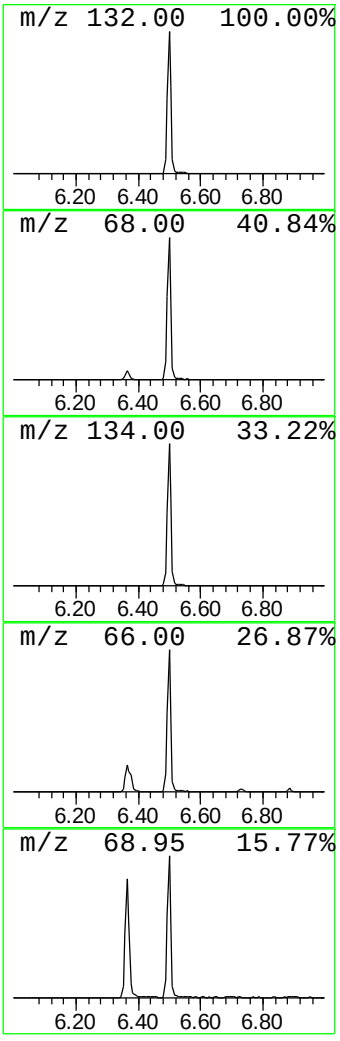
****

Peak Number 1 unknown6.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	31.45 ng	1652450	1,4-Dichlorobenzene-d4	6.73

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

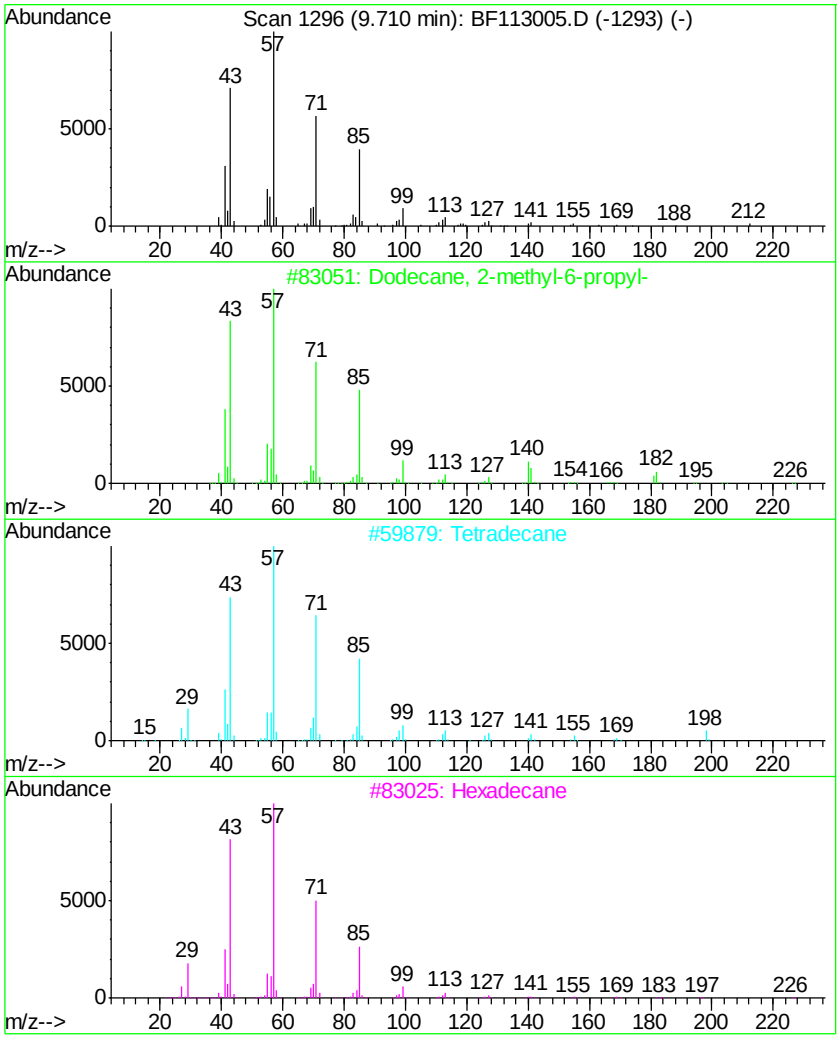
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

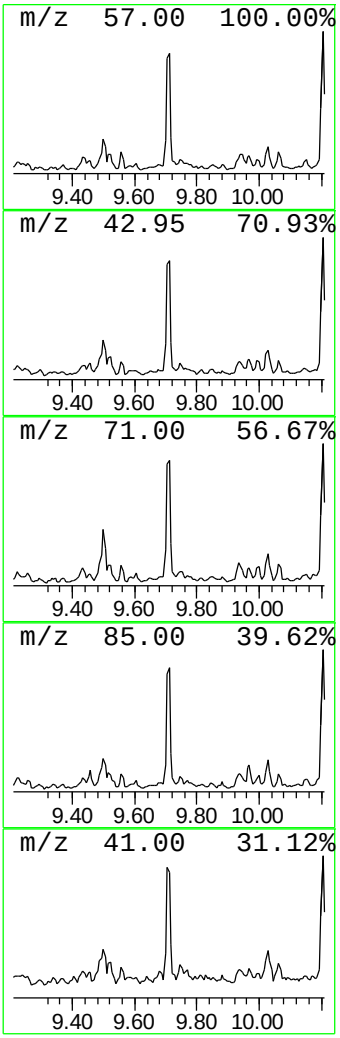
****

Peak Number 3 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	3.14 ng	194248	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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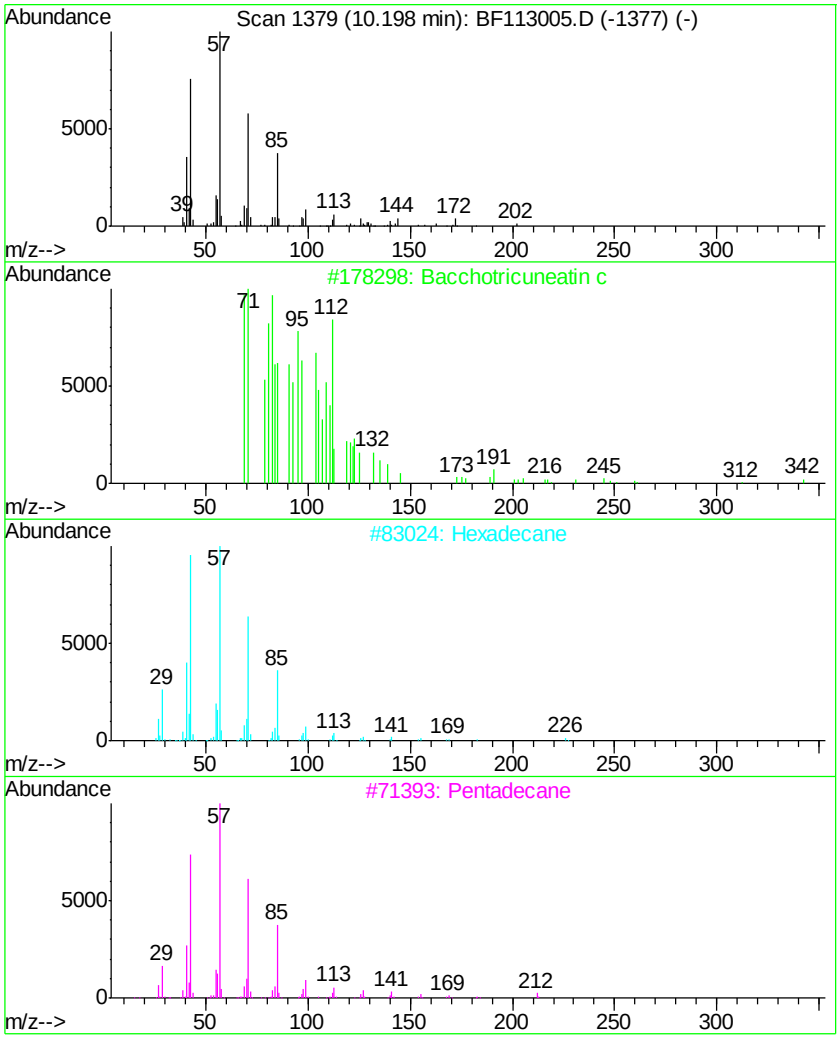
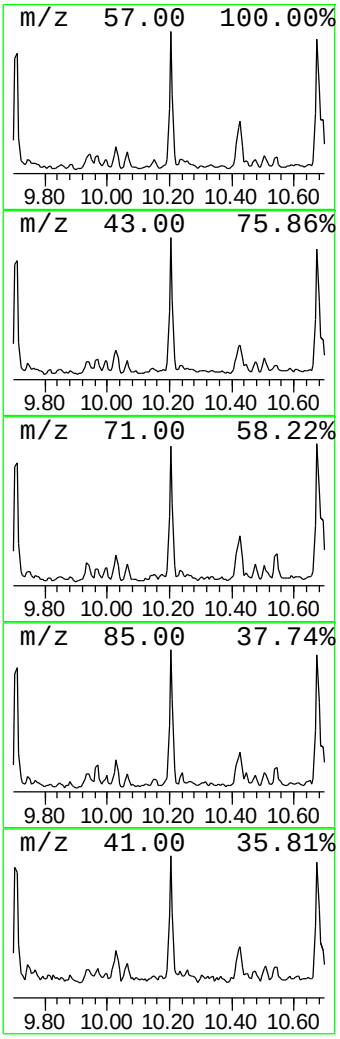
****

Peak Number 4 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	3.09 ng	190927	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	90





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ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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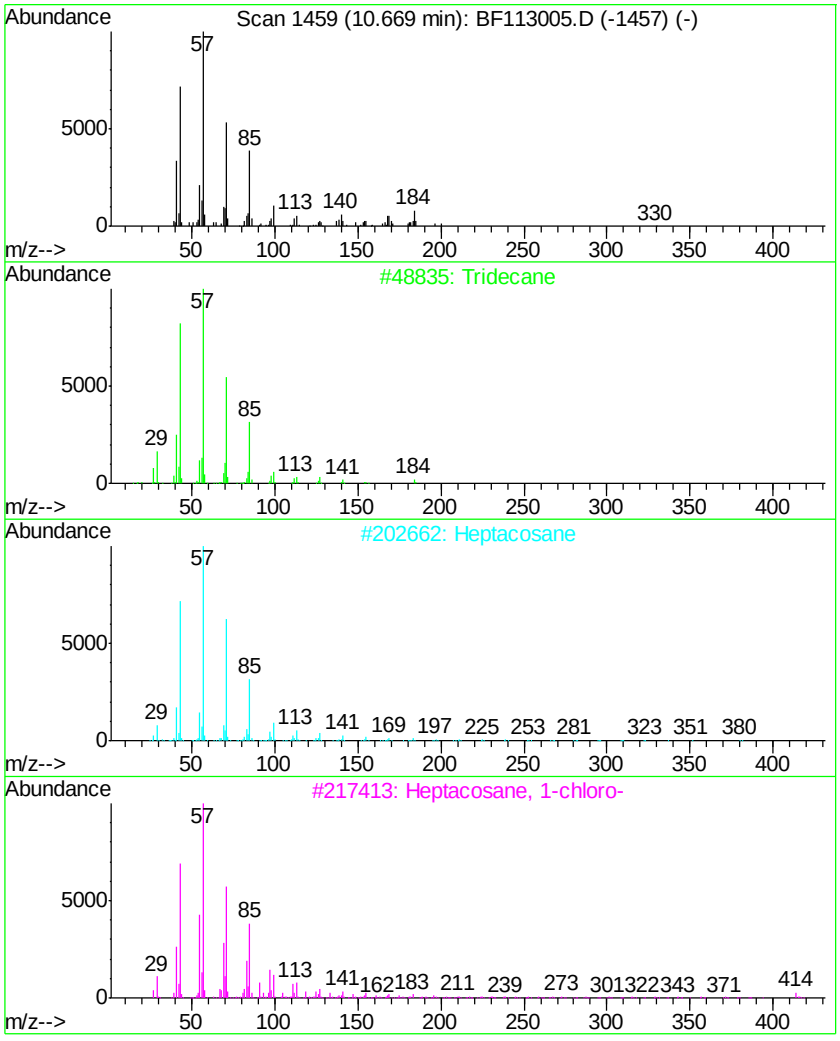
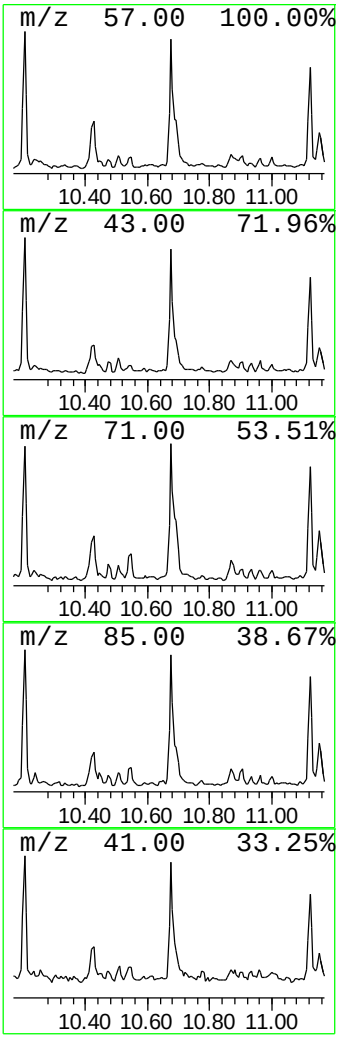
****

Peak Number 5 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.17 ng	274082	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	83





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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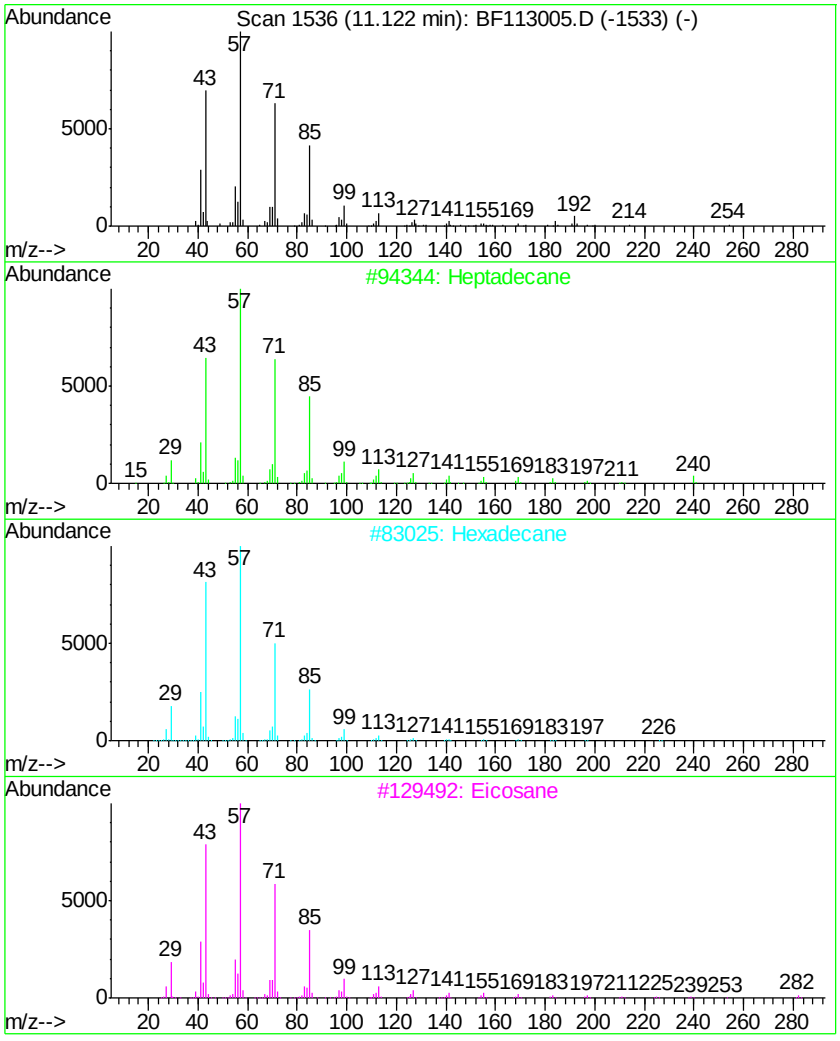
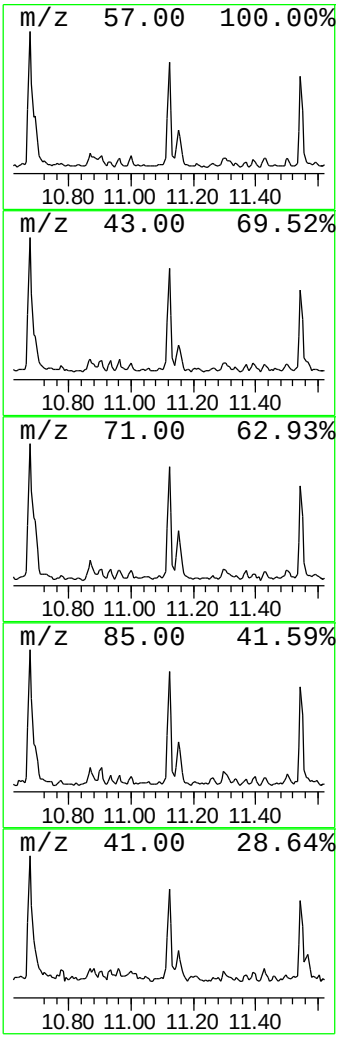
****

Peak Number 6 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.71 ng	196702	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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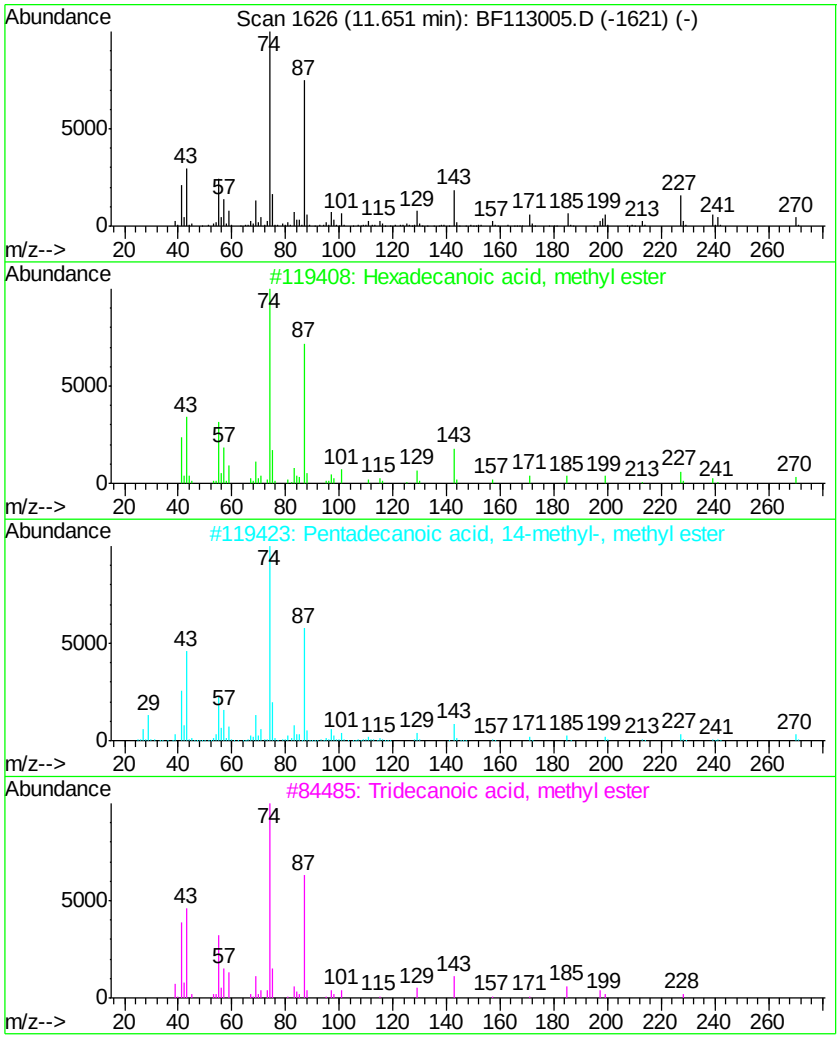
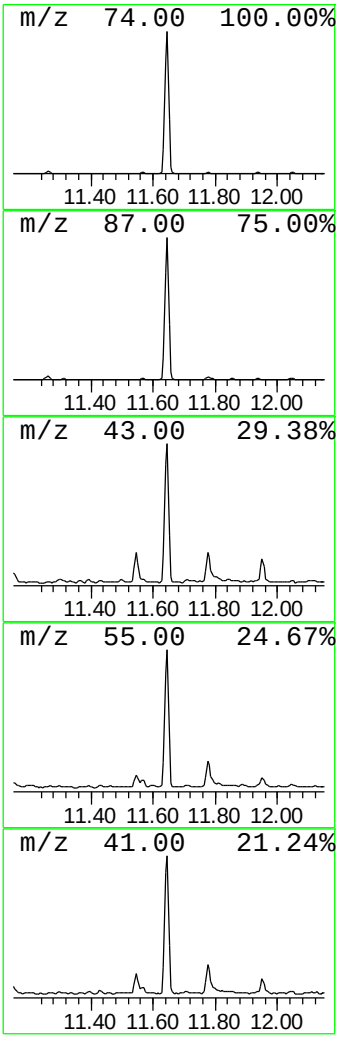
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	25.48 ng	1351390	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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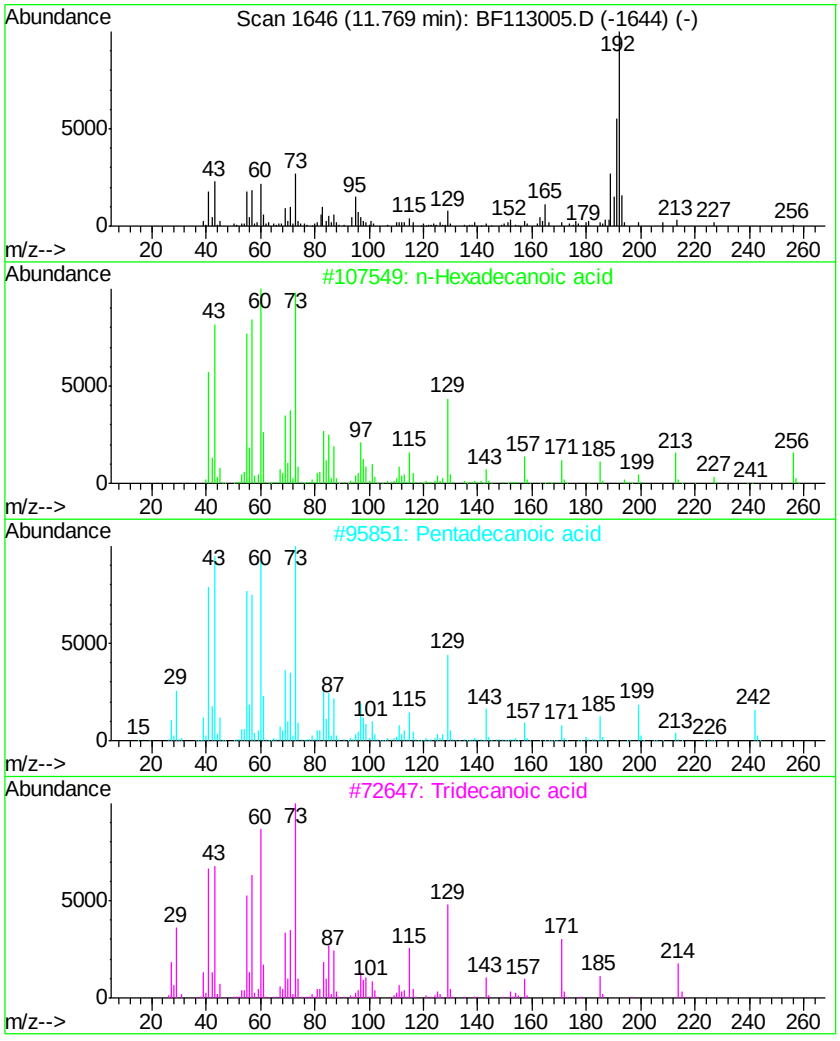
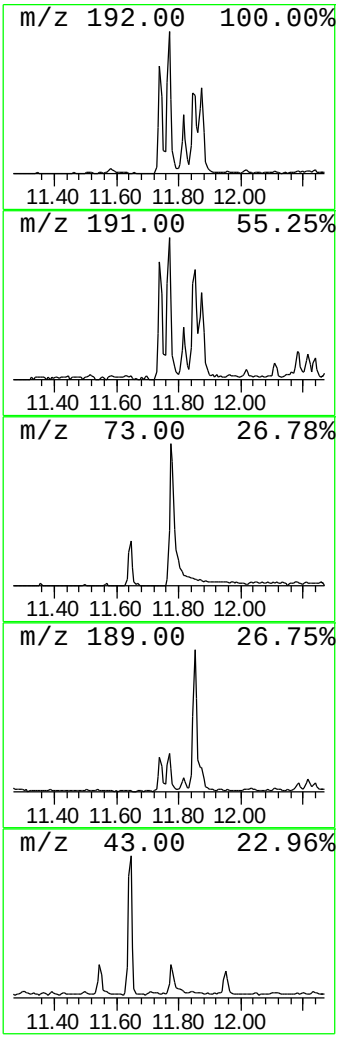
Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.31 ng	387472	Phenanthrene-d10	11.24

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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	56
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Library Search Compound Report

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Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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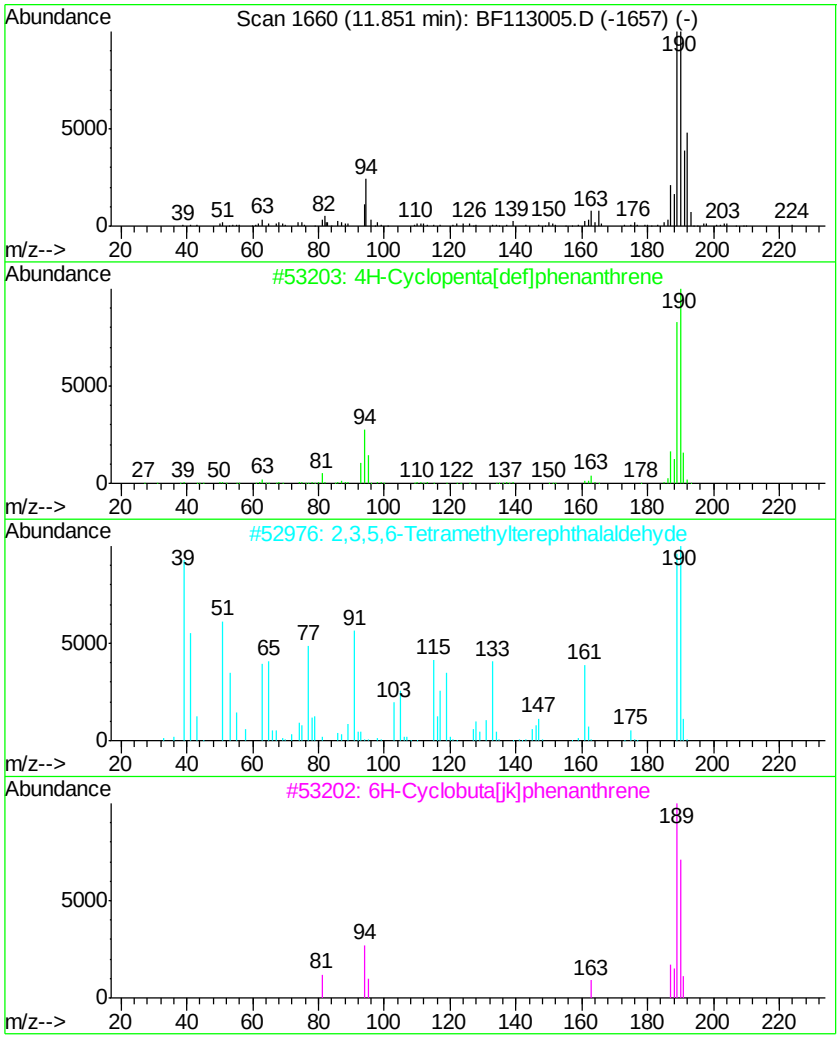
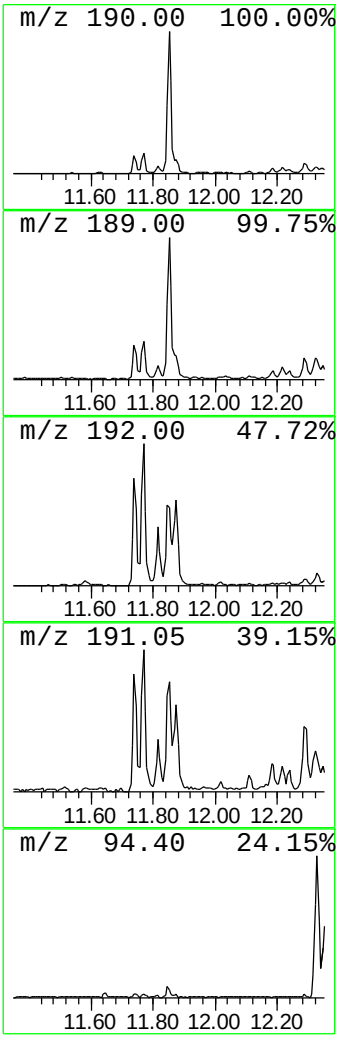
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.17 ng	221371	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Sample : K1687-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-031119-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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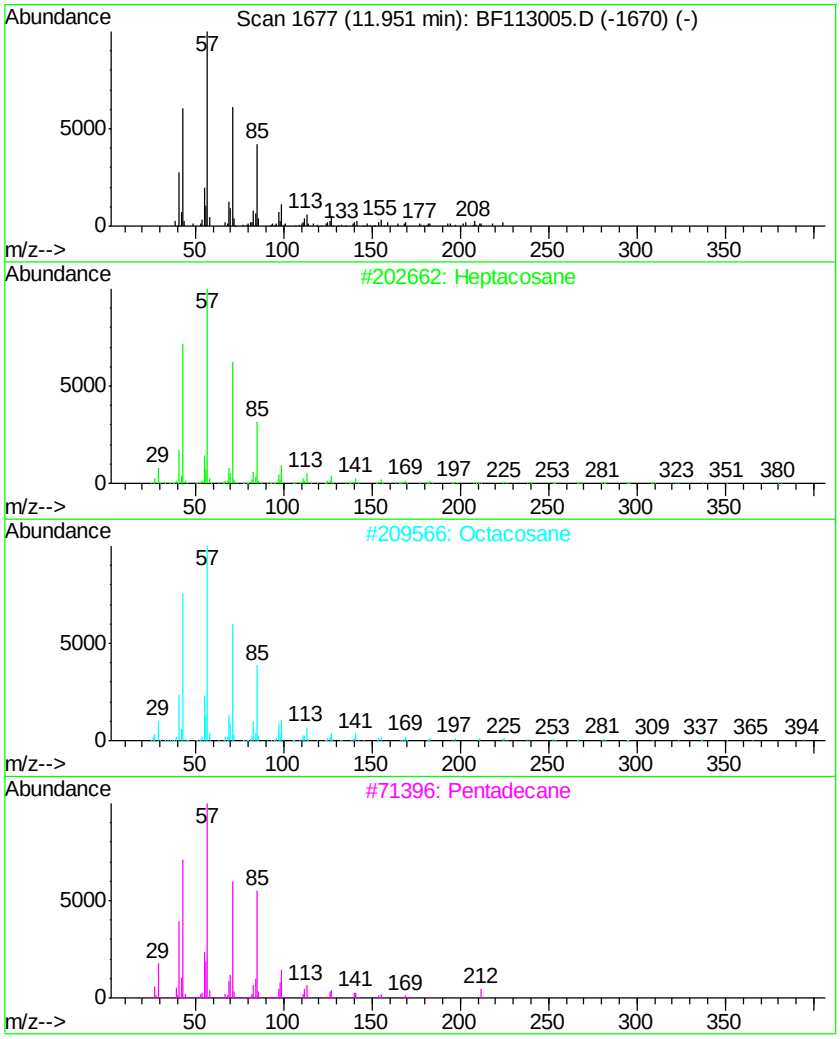
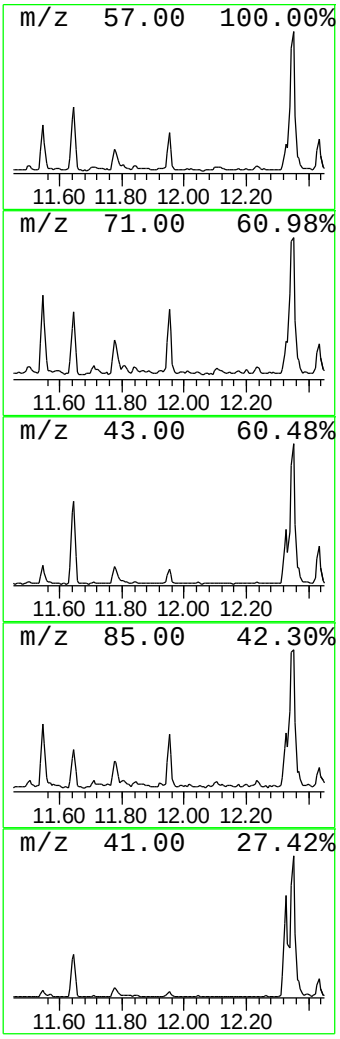
Peak Number 10 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.69 ng	195552	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Eicosane	282	C20H42	000112-95-8	86





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Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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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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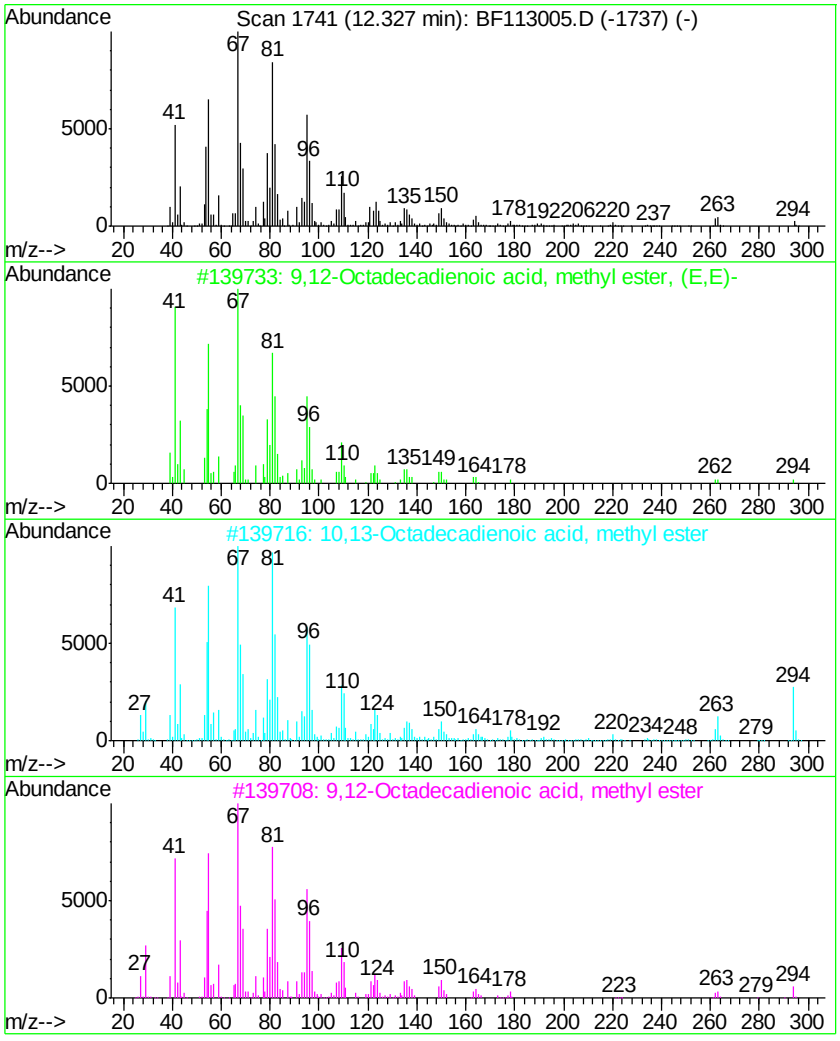
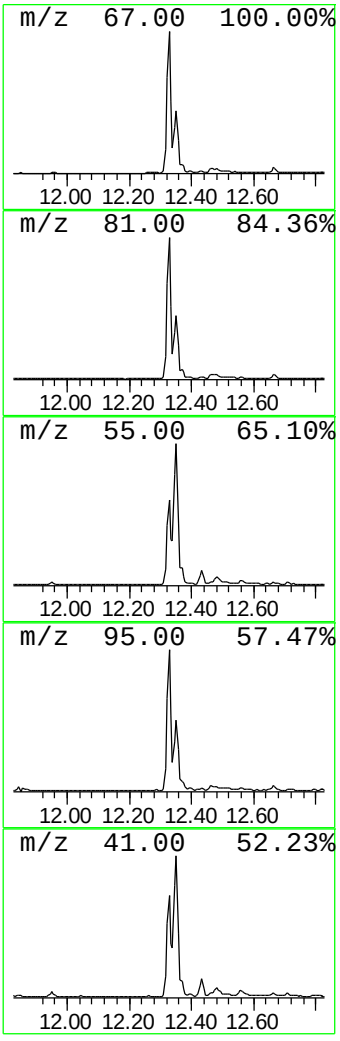
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	69.09 ng	3664660	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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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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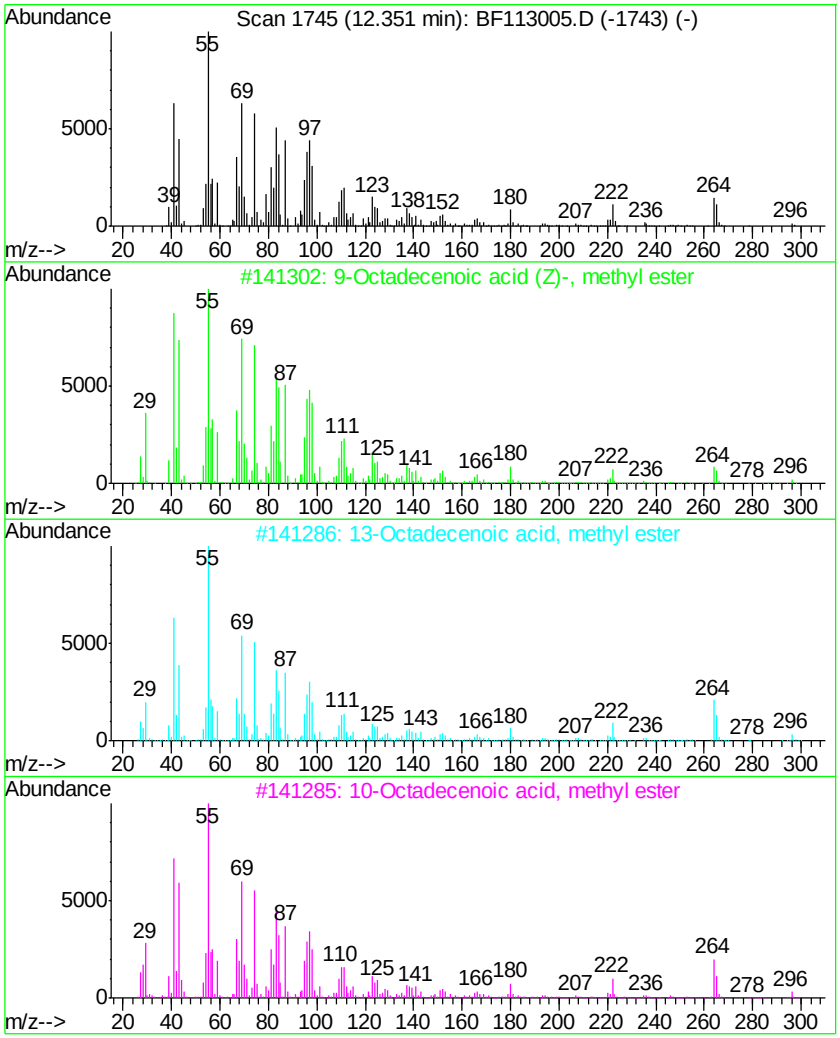
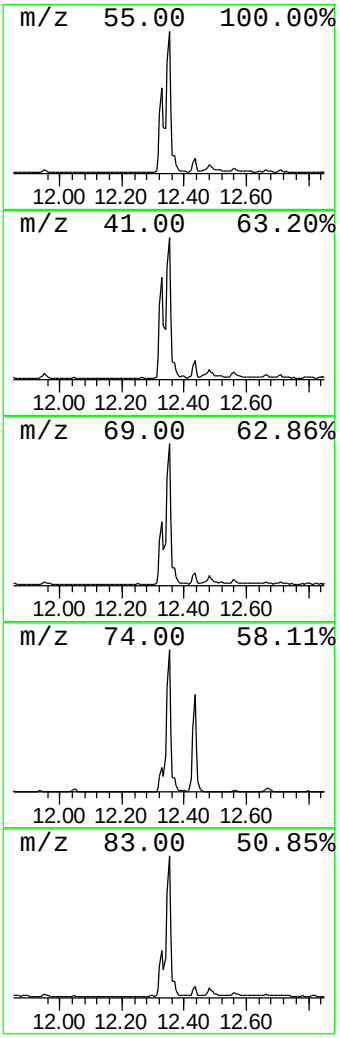
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	62.01 ng	3288980	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : HR-06-031119-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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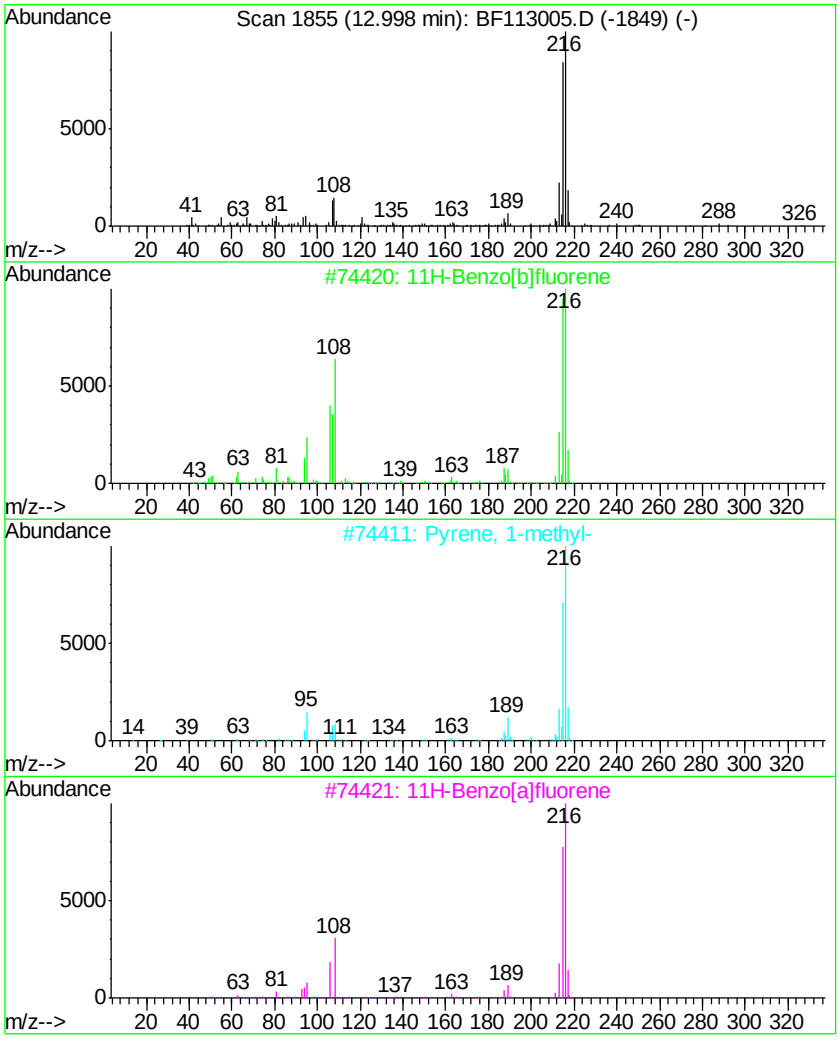
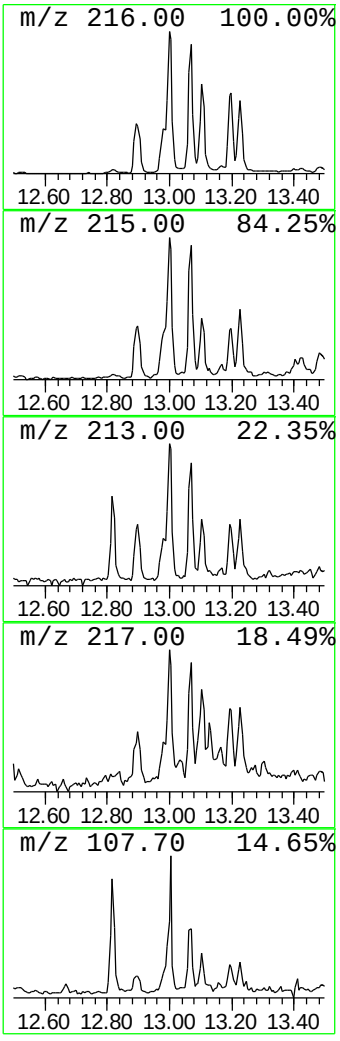
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.15 ng	352149	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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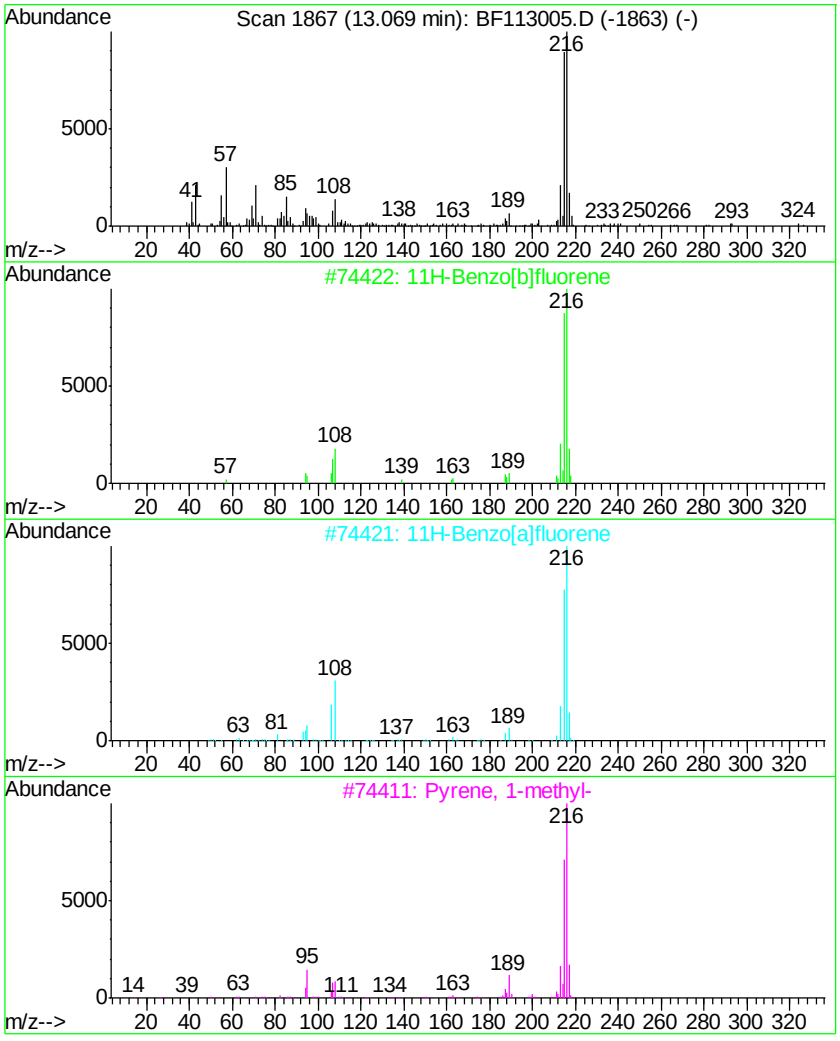
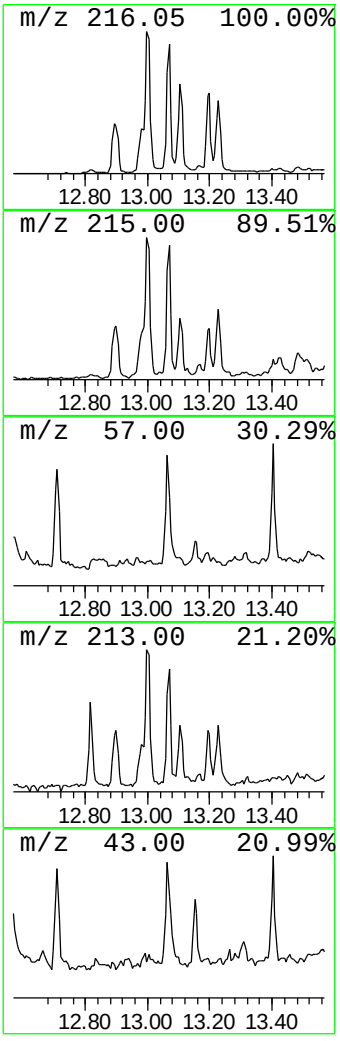
Peak Number 14 unknown13.07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.02 ng	341157	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	58





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Misc :
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ClientSampleId : HR-06-031119-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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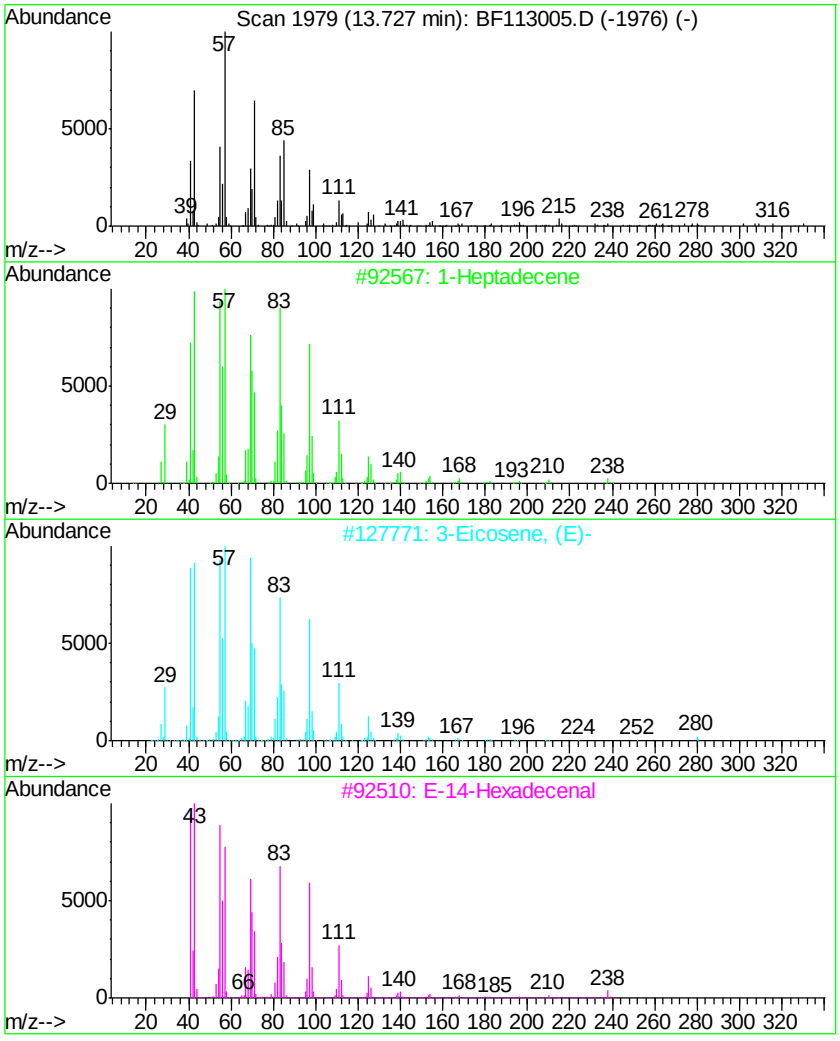
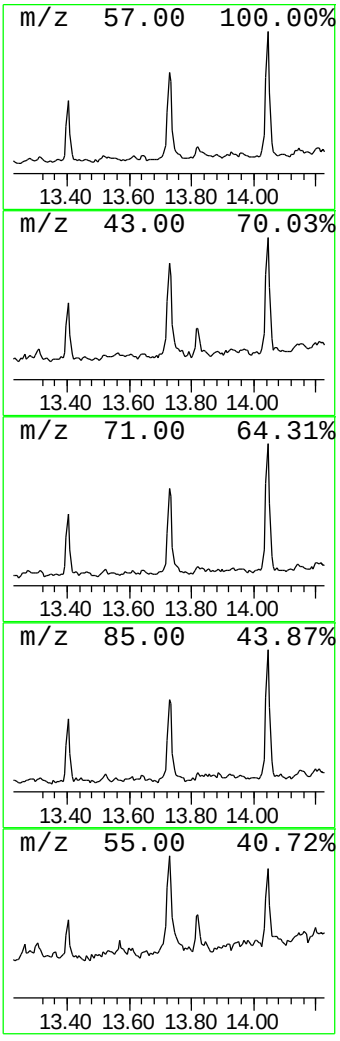
Peak Number 15 1-Heptadecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.89 ng	245729	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





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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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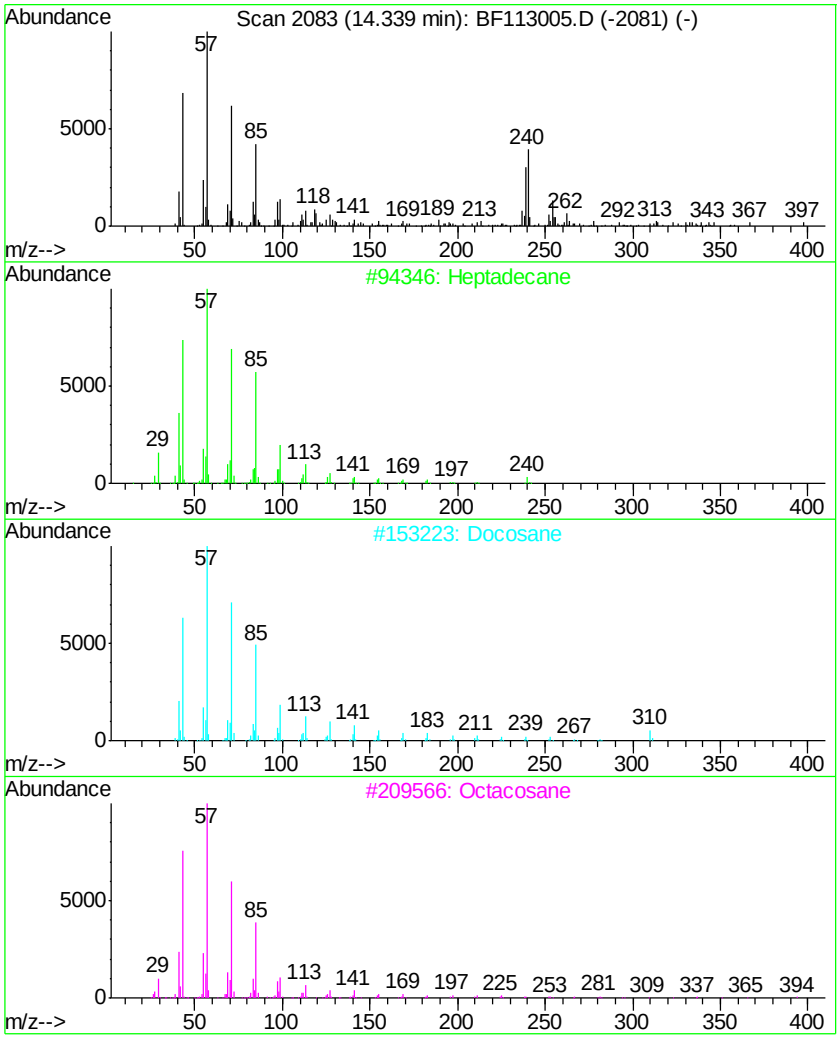
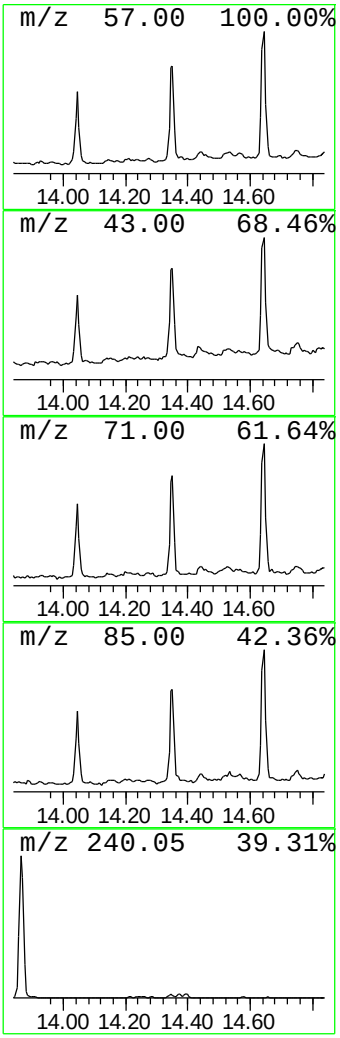
Peak Number 16 unknown14.34 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.40 ng	288600	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Docosane	310	C22H46	000629-97-0	76
3	Octacosane	394	C28H58	000630-02-4	76
4	Hexacosane	366	C26H54	000630-01-3	76
5	Heptacosane	380	C27H56	000593-49-7	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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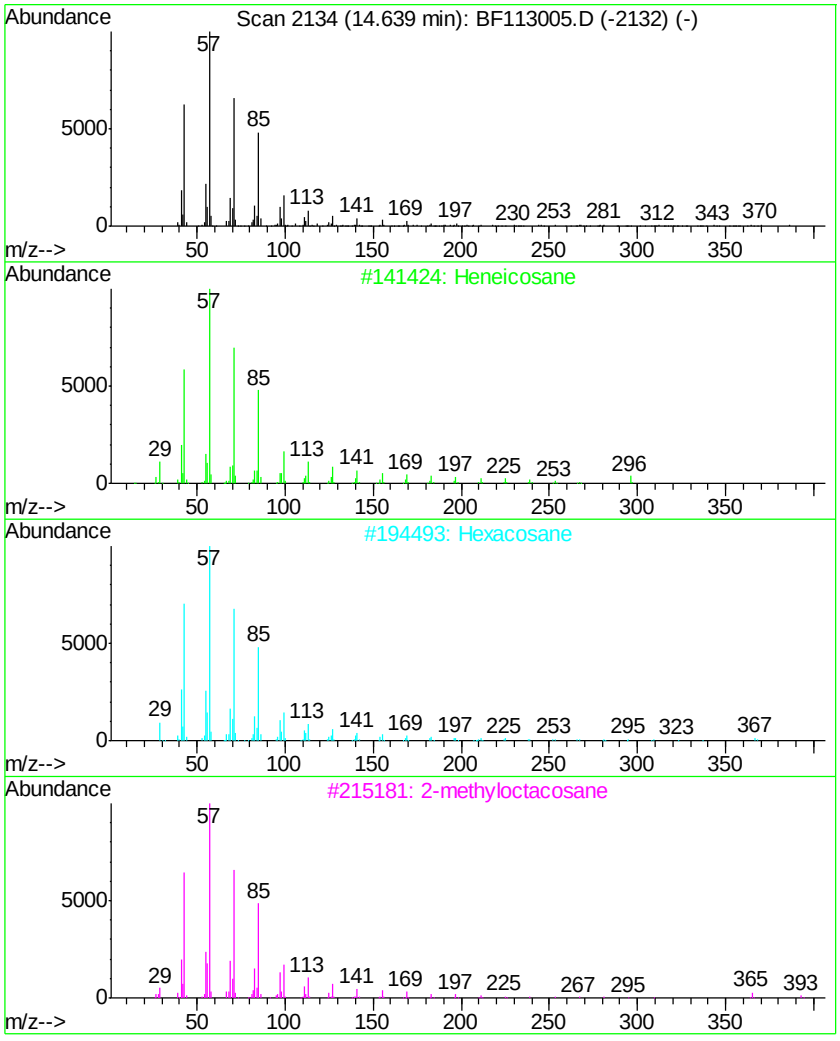
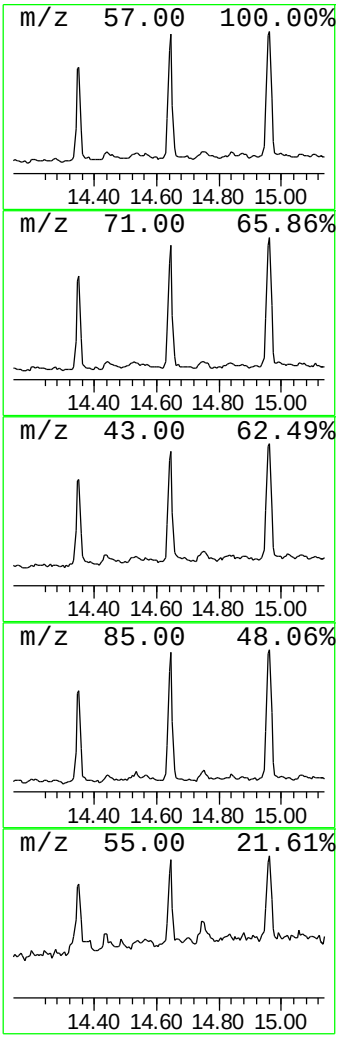
Peak Number 17 unknown14.64 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.04 ng	394925	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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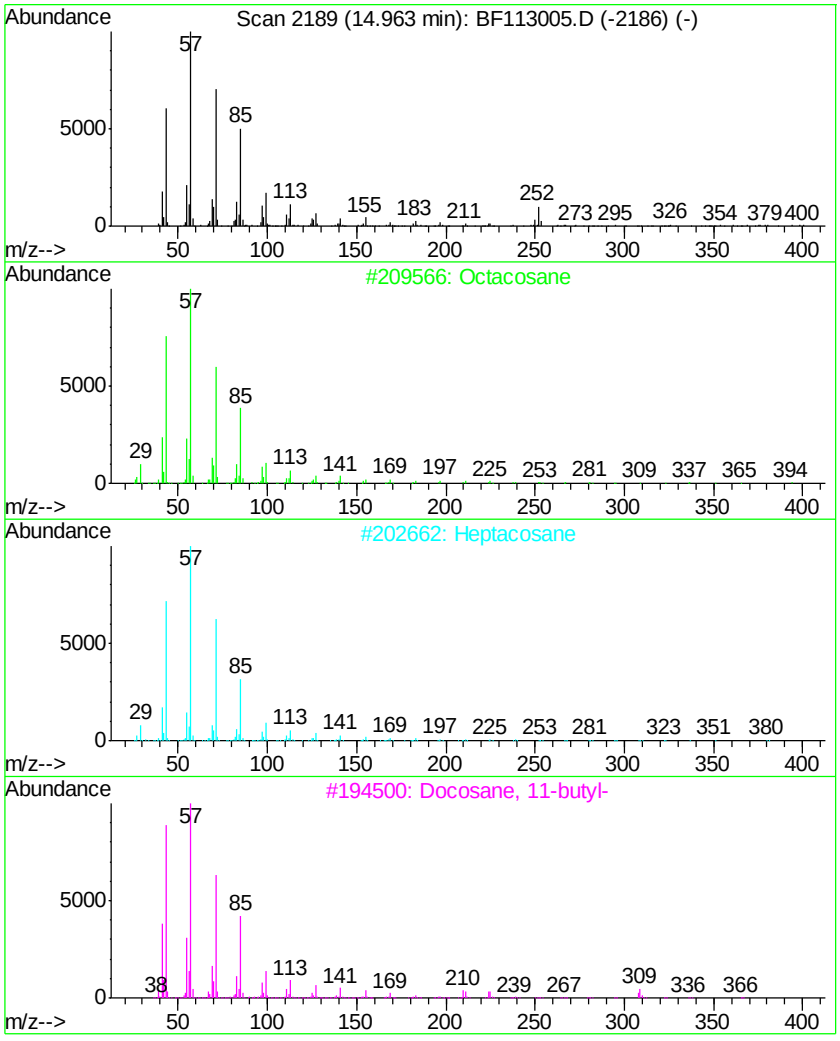
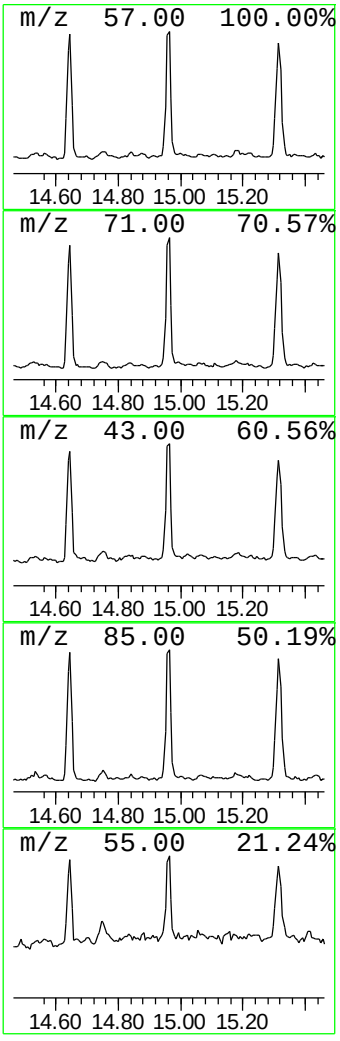
Peak Number 18 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	8.22 ng	460828	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Heptacosane	380	C27H56	000593-49-7	95
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	89
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	87





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Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-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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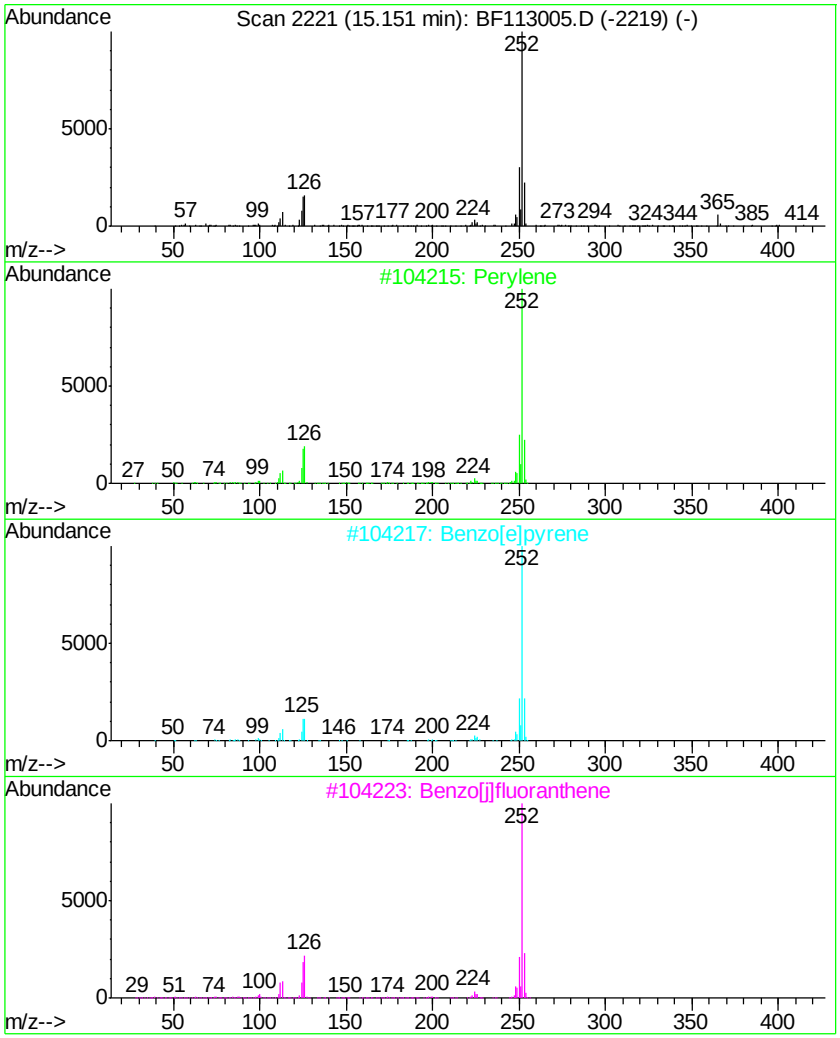
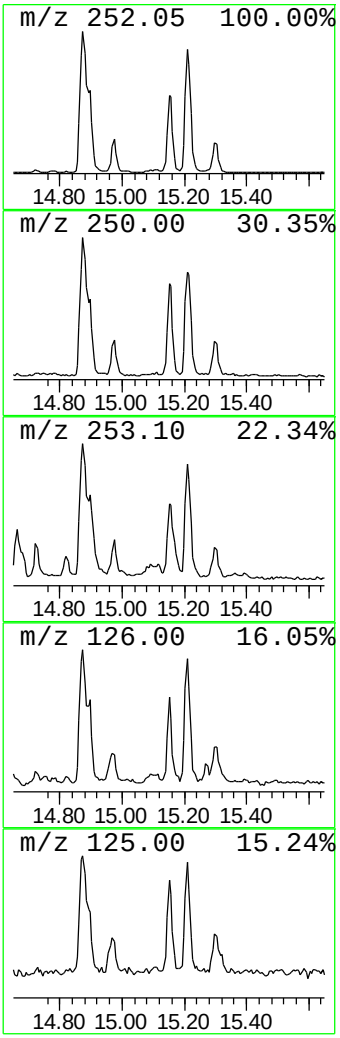
Peak Number 19 Perylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.78 ng	212139	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

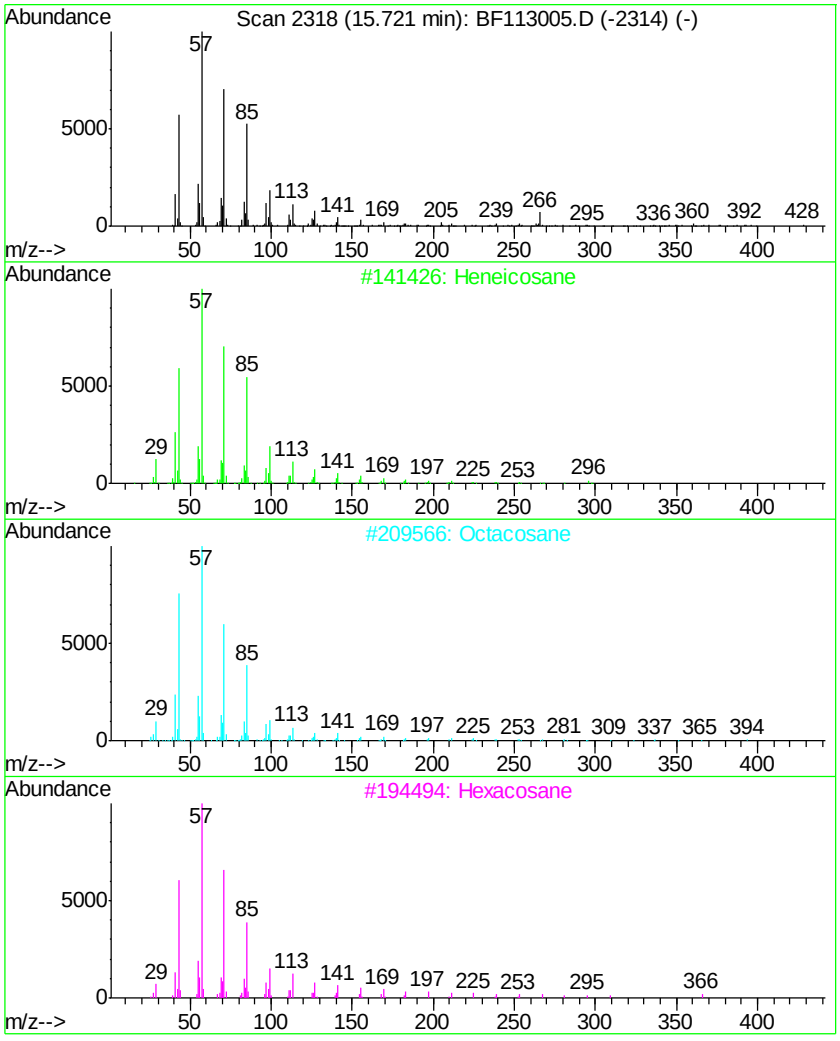
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

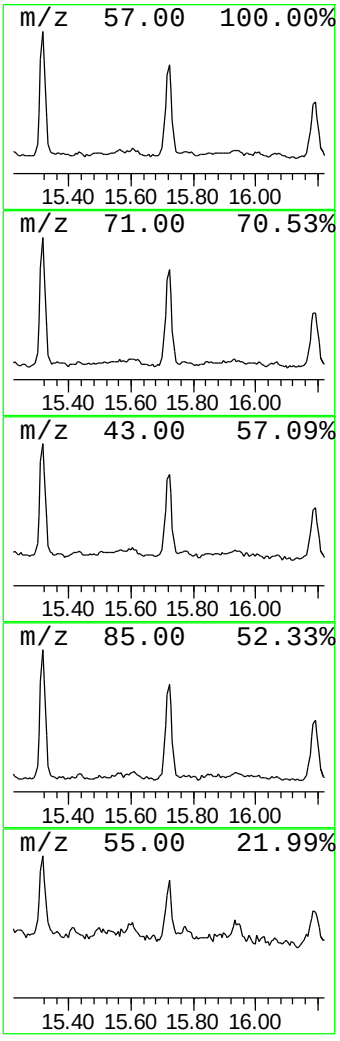
****

Peak Number 20 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.08 ng	340649	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113005.D
Acq On : 12 Mar 2019 16:18
Operator : JU/SJ
Sample : K1687-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-031119-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	31.4	ng	1652450	1	6.73	1050820	20.0
Dodecane, 2-methy...	9.71	3.1	ng	194248	3	9.76	1237040	20.0
Bacchotricuneatin c	10.20	3.1	ng	190927	3	9.76	1237040	20.0
Tridecane	10.67	5.2	ng	274082	4	11.24	1060810	20.0
Heptadecane	11.12	3.7	ng	196702	4	11.24	1060810	20.0
Hexadecanoic acid...	11.65	25.5	ng	1351390	4	11.24	1060810	20.0
n-Hexadecanoic acid	11.77	7.3	ng	387472	4	11.24	1060810	20.0
4H-Cyclopenta[def...	11.85	4.2	ng	221371	4	11.24	1060810	20.0
Heptacosane	11.95	3.7	ng	195552	4	11.24	1060810	20.0
9,12-Octadecadien...	12.33	69.1	ng	3664660	4	11.24	1060810	20.0
9-Octadecenoic ac...	12.35	62.0	ng	3288980	4	11.24	1060810	20.0
11H-Benzo[b]fluorene	13.00	4.2	ng	352149	5	13.86	1697740	20.0
unknown13.07	13.07	4.0	ng	341157	5	13.86	1697740	20.0
1-Heptadecene	13.73	2.9	ng	245729	5	13.86	1697740	20.0
unknown14.34	14.34	3.4	ng	288600	5	13.86	1697740	20.0
unknown14.64	14.64	7.0	ng	394925	6	15.27	1121190	20.0
Octacosane	14.96	8.2	ng	460828	6	15.27	1121190	20.0
Perylene	15.15	3.8	ng	212139	6	15.27	1121190	20.0
Heneicosane	15.72	6.1	ng	340649	6	15.27	1121190	20.0