LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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	3.246	194	197	206	rBV	113112	218462	1.59%	0.135%
2	5.022	495	499	507	rVB	583386	752169	5.49%	0.466%
3	5.428	562	568	571	rBV	11406433	12173787	88.84%	7.550%
4	6.440	733	740	744	rBV2	11519422	13703787	100.00%	8.498%
5	6.575	758	763	766	rBV	12468062	12519640	91.36%	7.764%
6	6.804	798	802	806	rBV	3970263	3131465	22.85%	1.942%
7	6.963	825	829	832	rVB	10837688	9402370	68.61%	5.831%
8	7.363	890	897	900	rBV	8504040	8454677	61.70%	5.243%
9	8.087	1016	1020	1023	rBV	4923242	4060923	29.63%	2.518%
10	9.163	1198	1203	1206	rBV	13196605	12484490	91.10%	7.742%
11	9.557	1266	1270	1273	rBV	1394371	1219786	8.90%	0.756%
12	9.839	1314	1318	1322	rVB2	5239286	4360583	31.82%	2.704%
13	10.628	1447	1452	1455	rBV	8120839	7713482	56.29%	4.783%
14	10.975	1505	1511	1516	rBV4	219870	291354	2.13%	0.181%
15	11.322	1566	1570	1572	rBV	4978455	3974770	29.00%	2.465%
16	11.345	1572	1574	1576	rVV	445451	340359	2.48%	0.211%
17	11.392	1579	1582	1585	rVB2	155845	151818	1.11%	0.094%
18	11.539	1604	1607	1612	rBV4	117280	159289	1.16%	0.099%
19	11.857	1657	1661	1665	rBV	2389224	2152330	15.71%	1.335%
20	12.374	1746	1749	1752	rBV	237223	216163	1.58%	0.134%
21	12.527	1772	1775	1779	rBV	671787	690578	5.04%	0.428%
22	12.563	1779	1781	1785	rVV3	207897	322231	2.35%	0.200%
23	12.598	1785	1787	1790	rVV	191192	179443	1.31%	0.111%
24	12.639	1791	1794	1806	rVV	1070411	1230695	8.98%	0.763%
25	12.757	1809	1814	1817	rVV	651067	646776	4.72%	0.401%
26	12.798	1819	1821	1827	rVB2	85515	139184	1.02%	0.086%
27	12.910	1836	1840	1843	rVB	8732940	7741422	56.49%	4.801%
28	13.121	1873	1876	1879	rBV	623793	624662	4.56%	0.387%
29	13.151	1879	1881	1884	rVB	312947	266696	1.95%	0.165%
30	13.363	1914	1917	1919	rBV	169411	169353	1.24%	0.105%
31	13.604	1956	1958	1962	rVB2	181603	165294	1.21%	0.103%
32	13.810	1989	1993	1999	rBV	4172567	4131645	30.15%	2.562%
33	13.957	2012	2018	2020	rBV	2992494	3251313	23.73%	2.016%
34	13.980	2020	2022	2024	rVB	254011	198803	1.45%	0.123%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.027	2027	2030	2036	rBV	690684	773231	5.64%	0.480%
36	14.133	2045	2048	2054	rBV2	426740	551859	4.03%	0.342%
37	14.257	2066	2069	2075	rVB	626259	511320	3.73%	0.317%
38	14.445	2098	2101	2107	rBV	6966018	6910773	50.43%	4.286%
39	14.492	2107	2109	2115	rVB5	224090	238618	1.74%	0.148%
40	14.563	2119	2121	2124	rBV	190425	176946	1.29%	0.110%
41	14.651	2133	2136	2141	rBV	739029	783384	5.72%	0.486%
42	14.757	2149	2154	2160	rVV2	465090	664877	4.85%	0.412%
43	14.816	2162	2164	2169	rVB2	190918	224273	1.64%	0.139%
44	14.886	2172	2176	2180	rVB	1650838	1634716	11.93%	1.014%
45	14.974	2188	2191	2198	rBV	421803	708255	5.17%	0.439%
46	15.098	2204	2212	2219	rBV2	3359893	6479903	47.29%	4.018%
47	15.151	2219	2221	2230	rVB	307976	420815	3.07%	0.261%
48	15.239	2233	2236	2239	rVV	319612	337533	2.46%	0.209%
49	15.268	2239	2241	2245	rVB	199891	209821	1.53%	0.130%
50	15.327	2247	2251	2257	rBV3	252690	508655	3.71%	0.315%
51	15.392	2257	2262	2266	rVV	2175727	2569206	18.75%	1.593%
52	15.451	2269	2272	2275	rVV	259177	321377	2.35%	0.199%
53	15.480	2275	2277	2283	rVB2	176399	214978	1.57%	0.133%
54	15.645	2300	2305	2310	rBV	2091293	2828686	20.64%	1.754%
55	15.874	2339	2344	2348	rBV	2673565	4050954	29.56%	2.512%
56	15.921	2348	2352	2359	rVB	1536118	2260191	16.49%	1.402%
57	15.986	2359	2363	2367	rBV	601587	846044	6.17%	0.525%
58	16.104	2379	2383	2386	rBV3	239378	425022	3.10%	0.264%
59	16.262	2403	2410	2416	rVB7	163511	410716	3.00%	0.255%
60	16.368	2425	2428	2433	rVB2	184444	290273	2.12%	0.180%
61	16.645	2469	2475	2483	rBV	1181125	2119155	15.46%	1.314%
62	16.951	2521	2527	2532	rBV	647982	1303232	9.51%	0.808%
63	17.021	2532	2539	2548	rVV3	790677	2106761	15.37%	1.306%
64	17.115	2550	2555	2566	rVB	503666	1073869	7.84%	0.666%
65	17.404	2598	2604	2614	rBV3	628319	1366778	9.97%	0.848%
66	18.039	2706	2712	2720	rBV2	281017	690303	5.04%	0.428%

Sum of corrected areas: 161252323

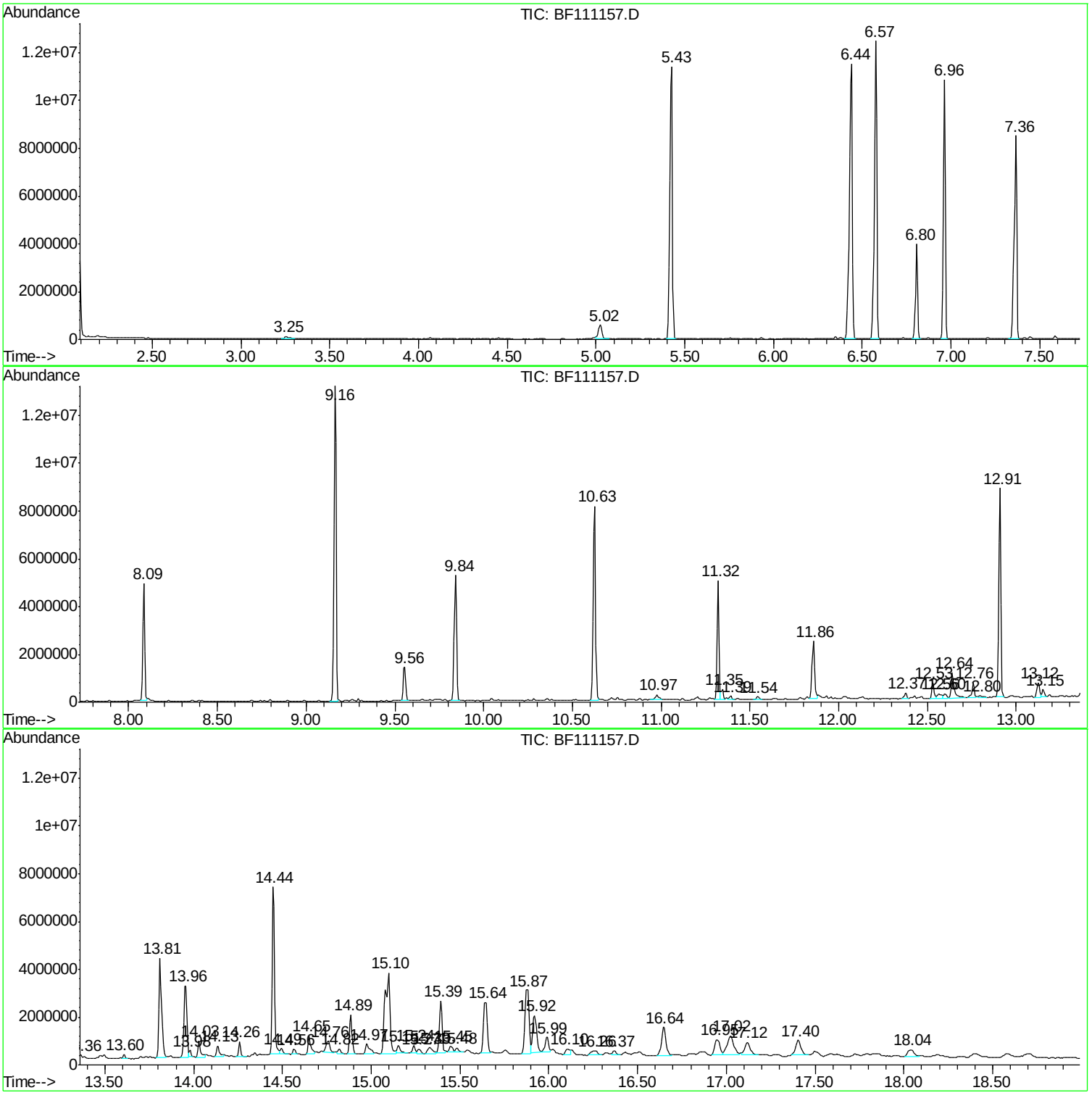
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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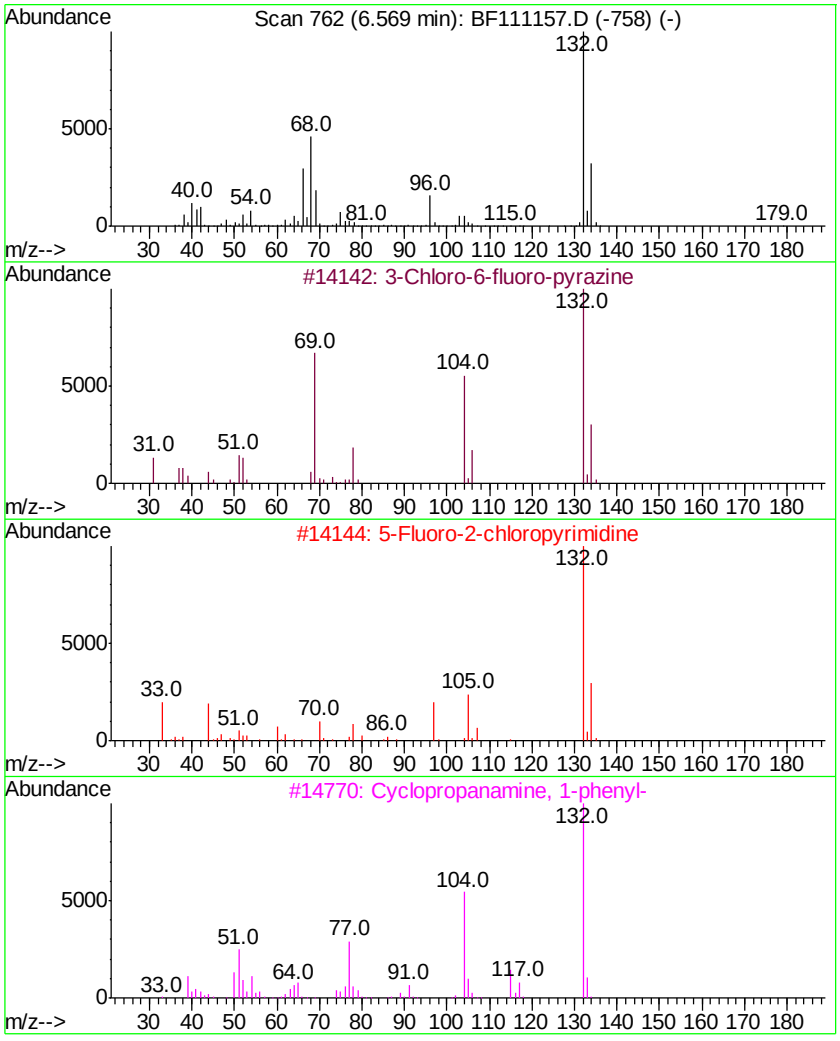
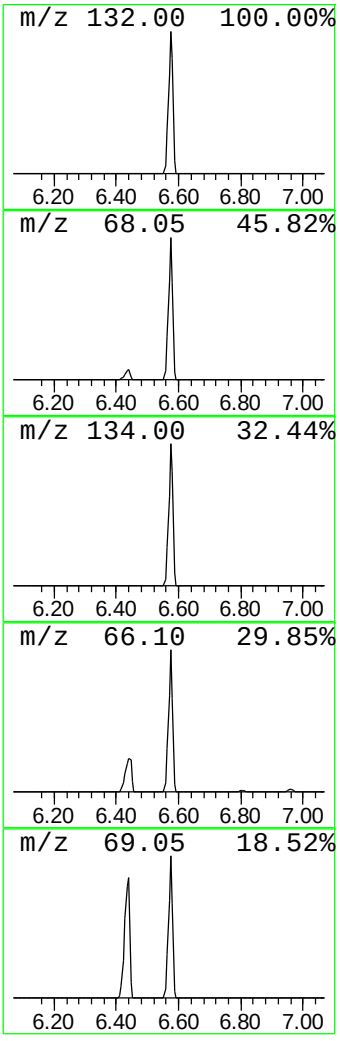
Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	79.96 ng	12519600	1,4-Dichlorobenzene-d4	6.80

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	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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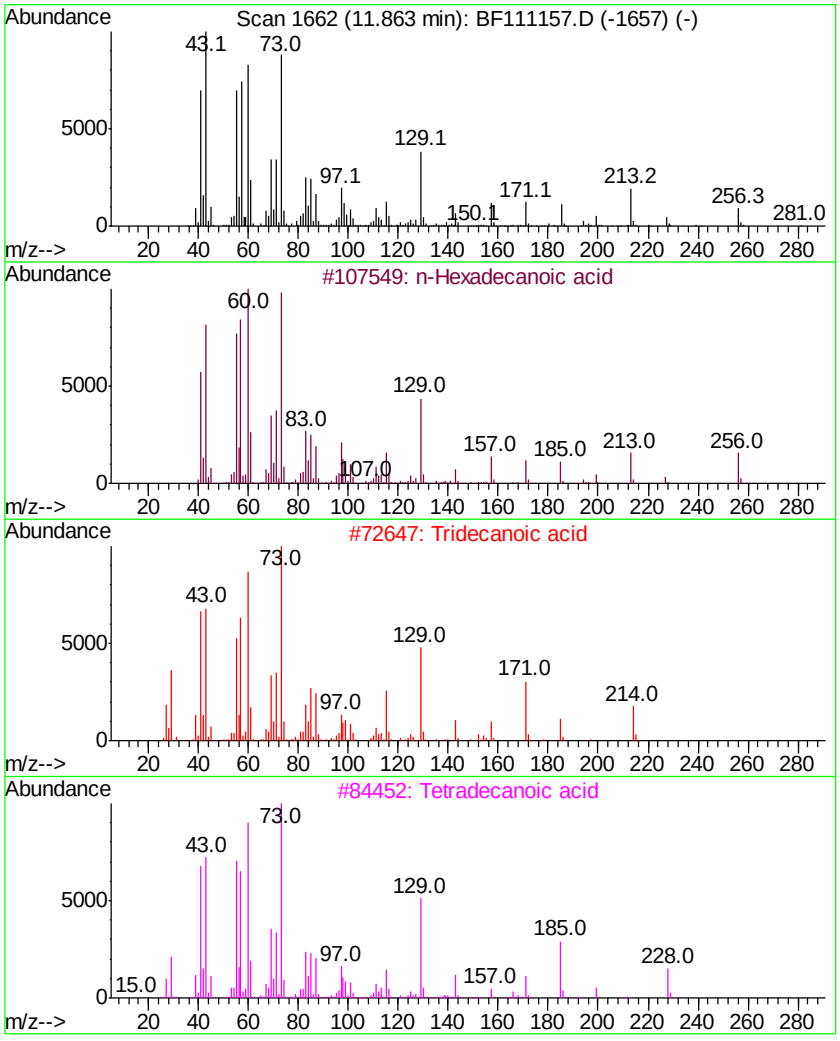
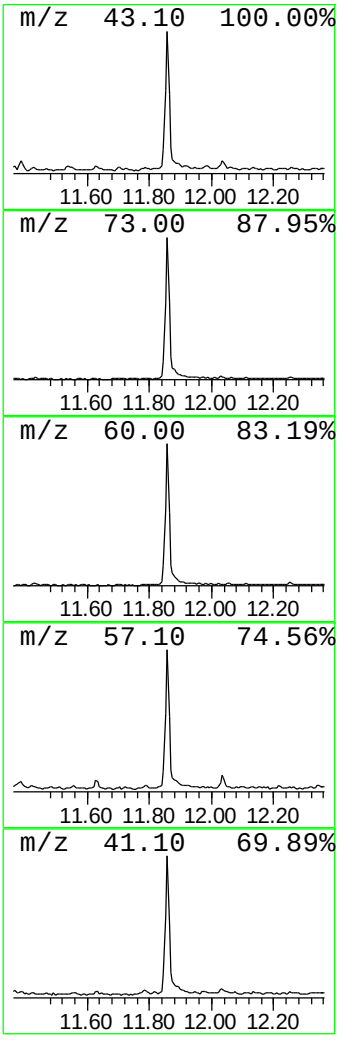
Peak Number 3 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.83 ng	2152330	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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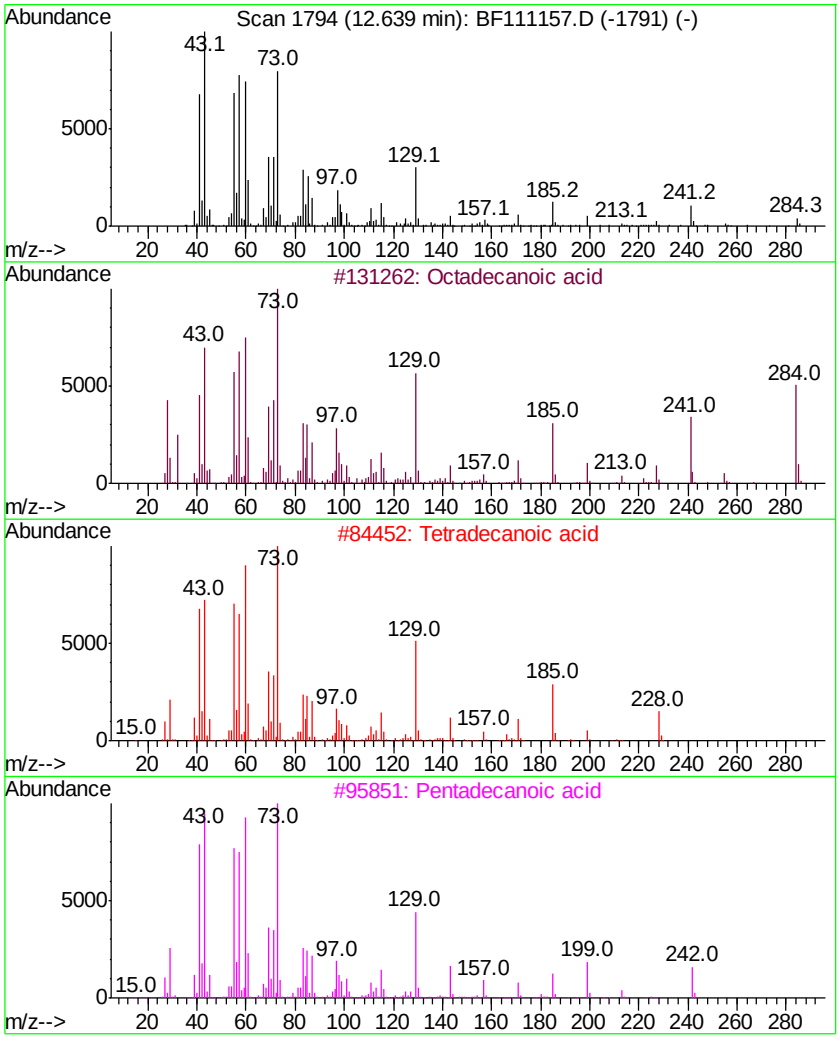
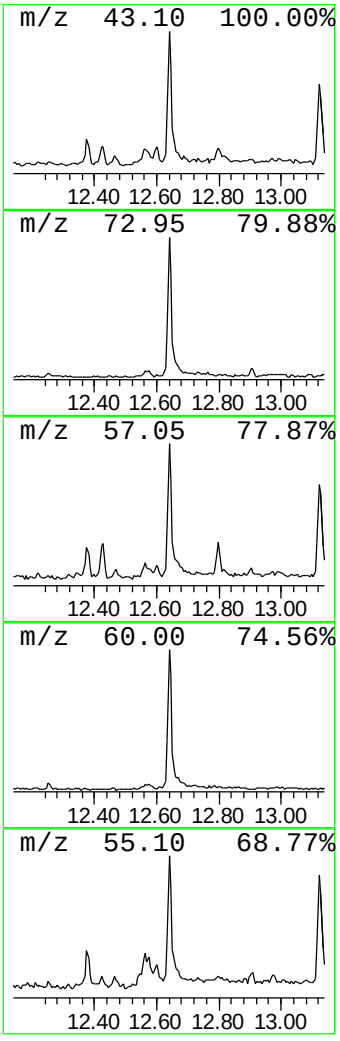
Peak Number 4 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.57 ng	1230700	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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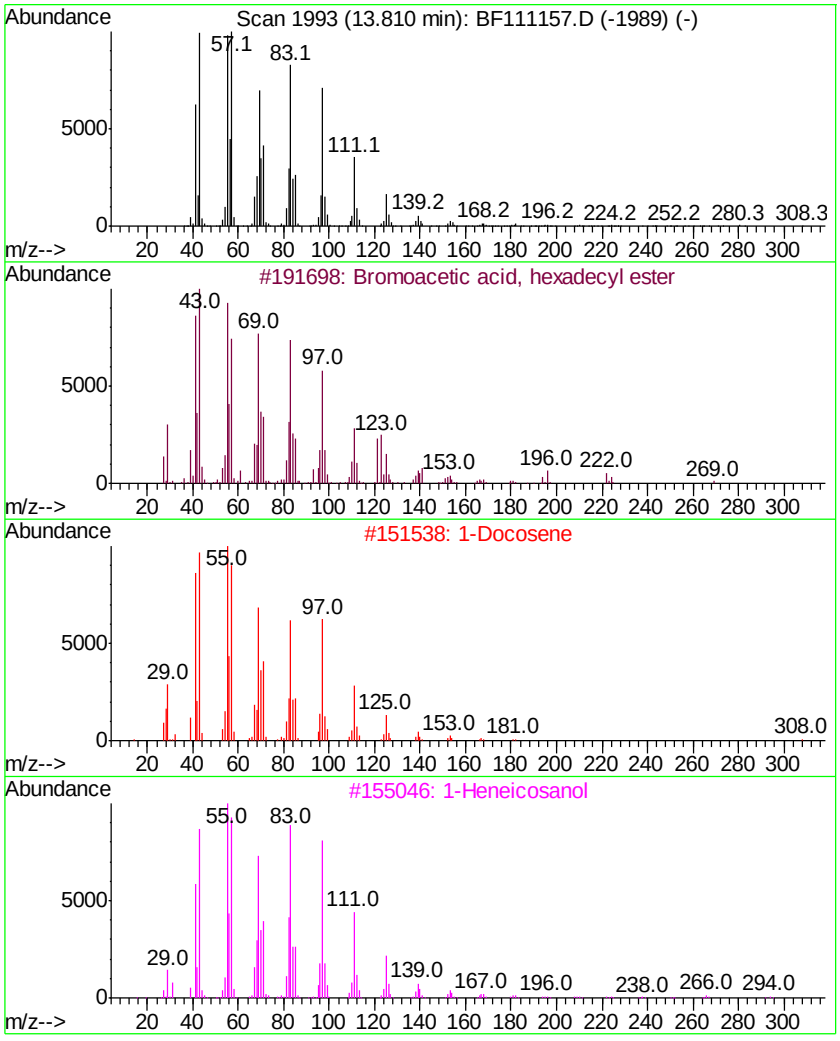
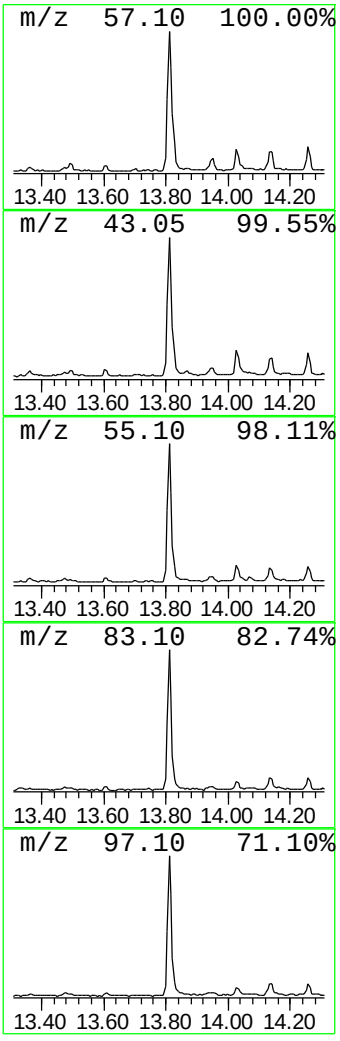
Peak Number 5 Bromoacetic acid, hexadecyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	25.42 ng	4131650	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Library Search Compound Report

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Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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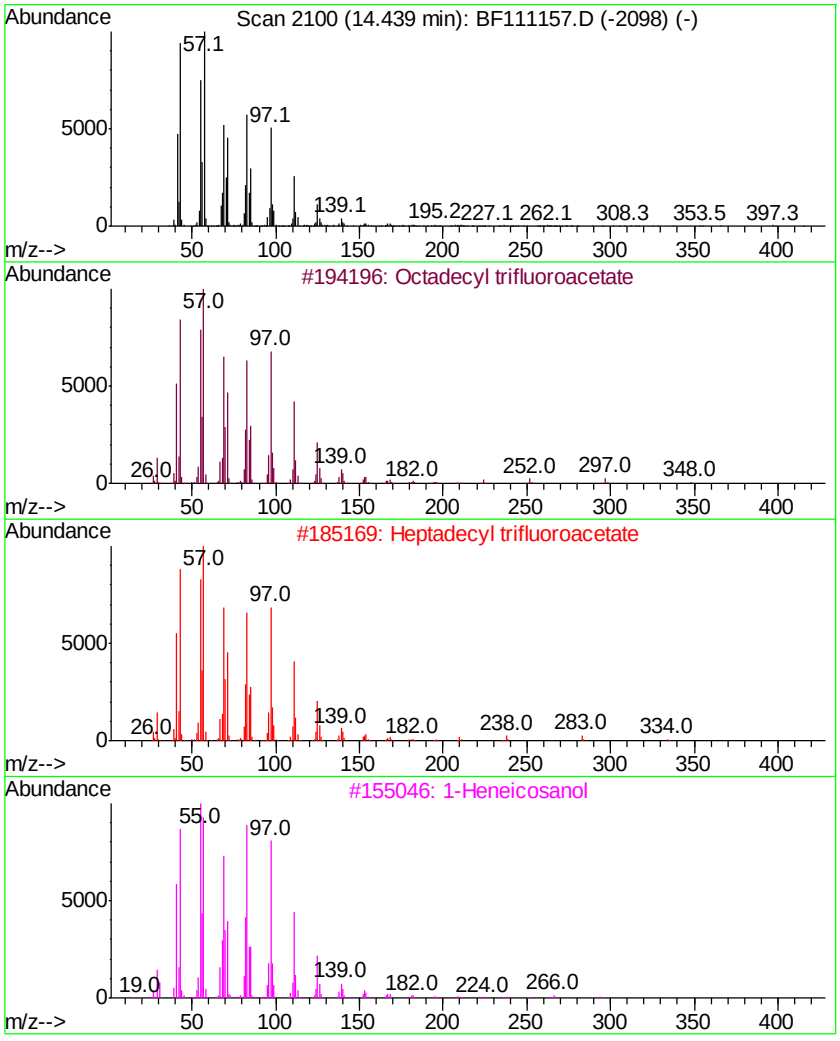
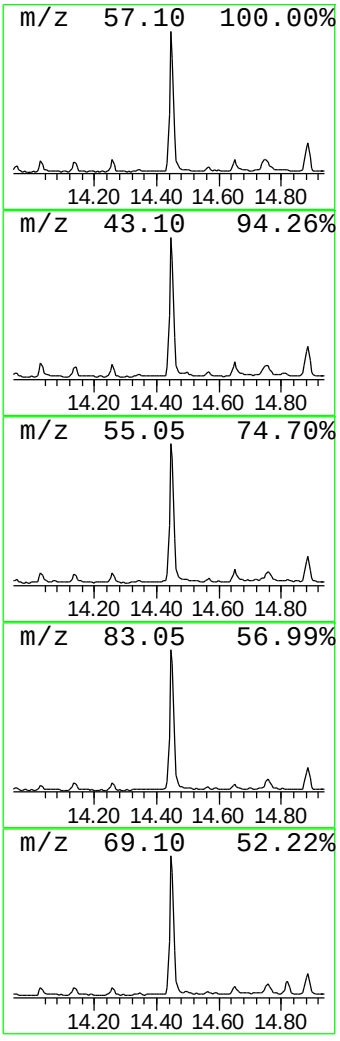
Peak Number 6 Octadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	42.51 ng	6910770	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





Library Search Compound Report

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Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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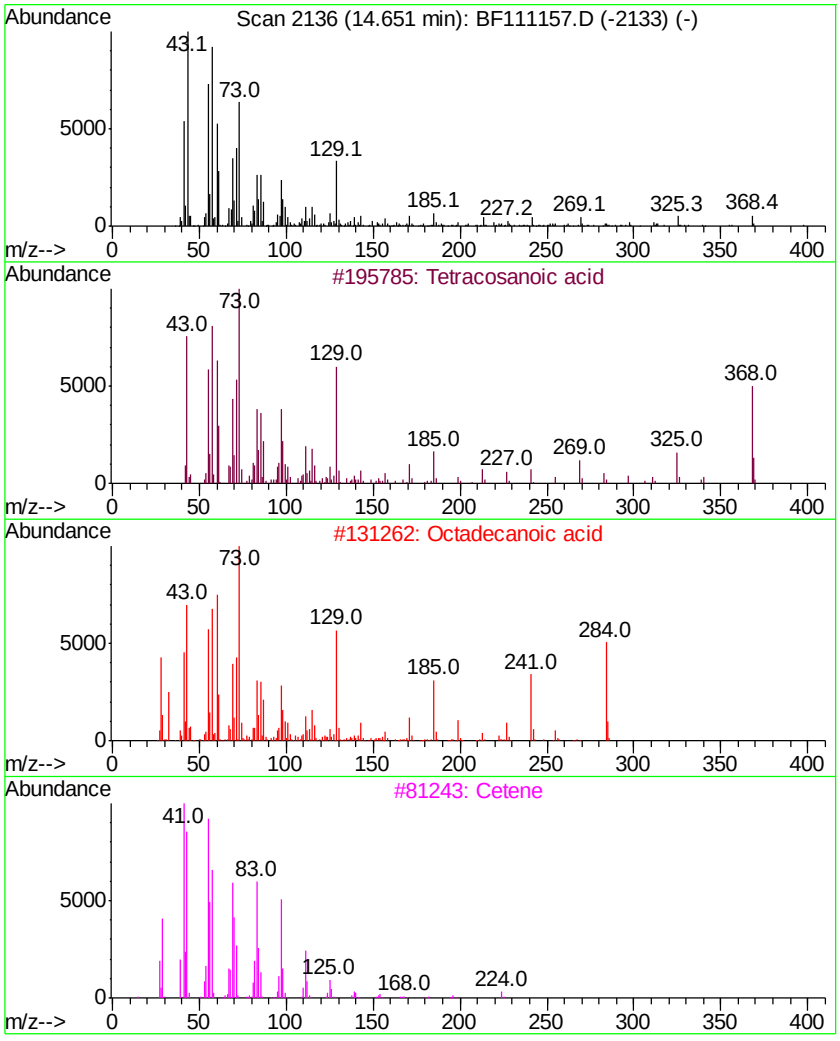
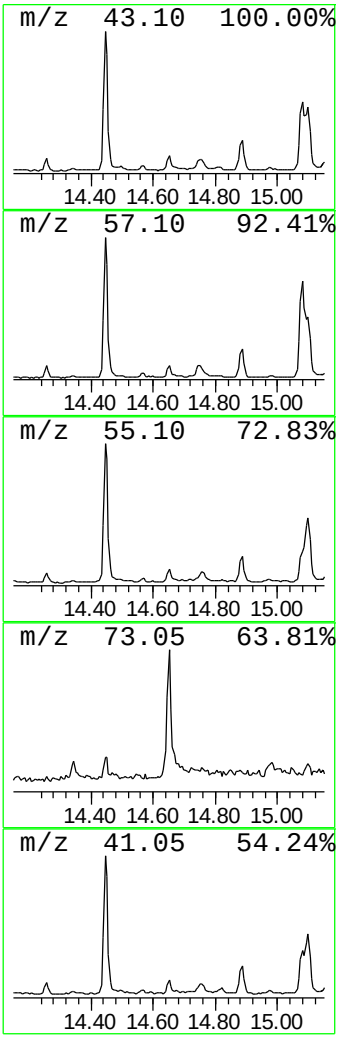
Peak Number 7 Tetracosanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.82 ng	783384	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	83
3	Cetene	224	C16H32	000629-73-2	56
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	53
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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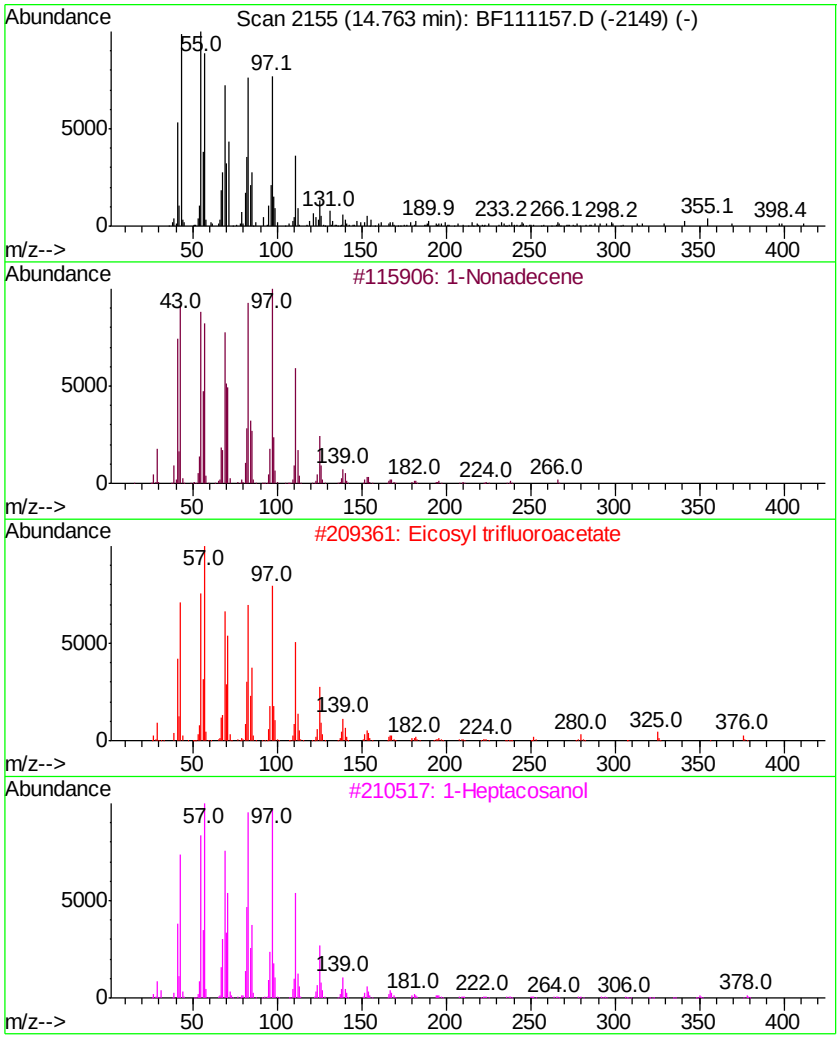
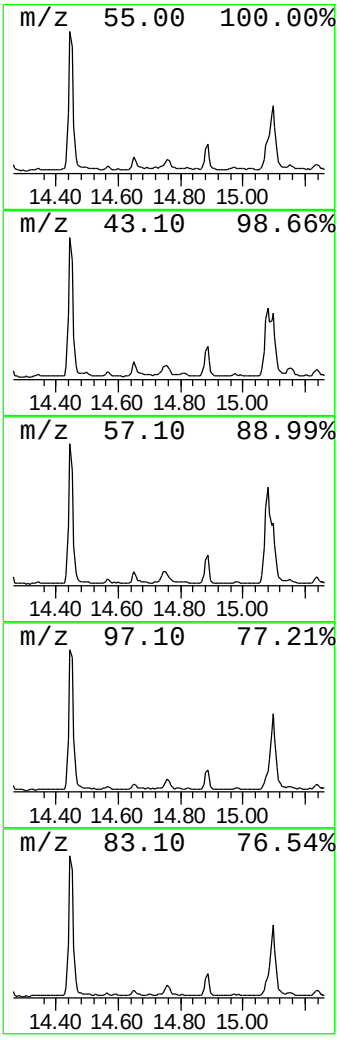
Peak Number 8 1-Nonadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.18 ng	664877	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
5	Cycloeicosane	280	C20H40	000296-56-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

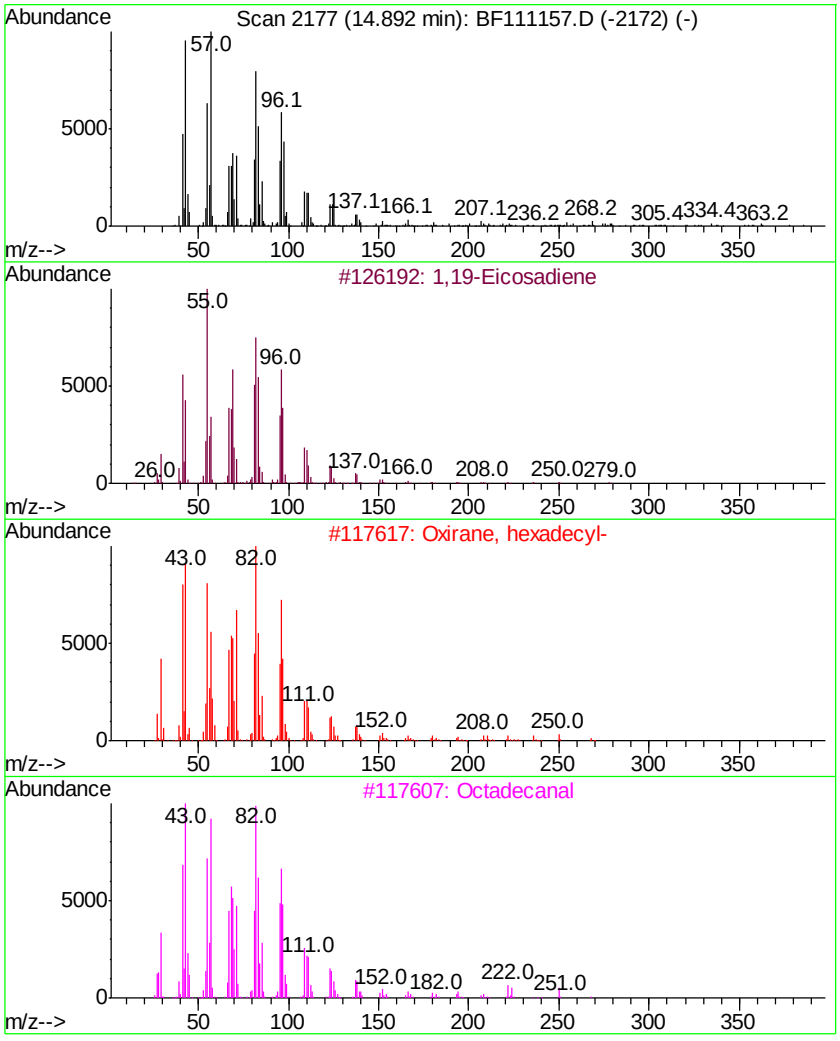
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

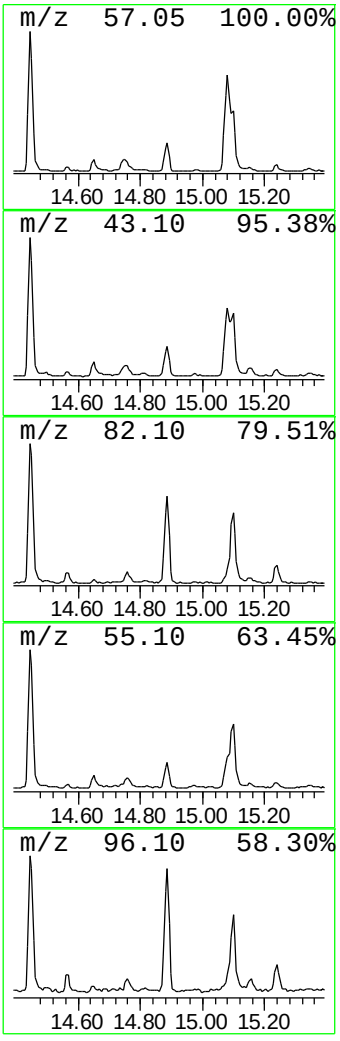
****

Peak Number 9 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	12.73 ng	1634720	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	91
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89





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Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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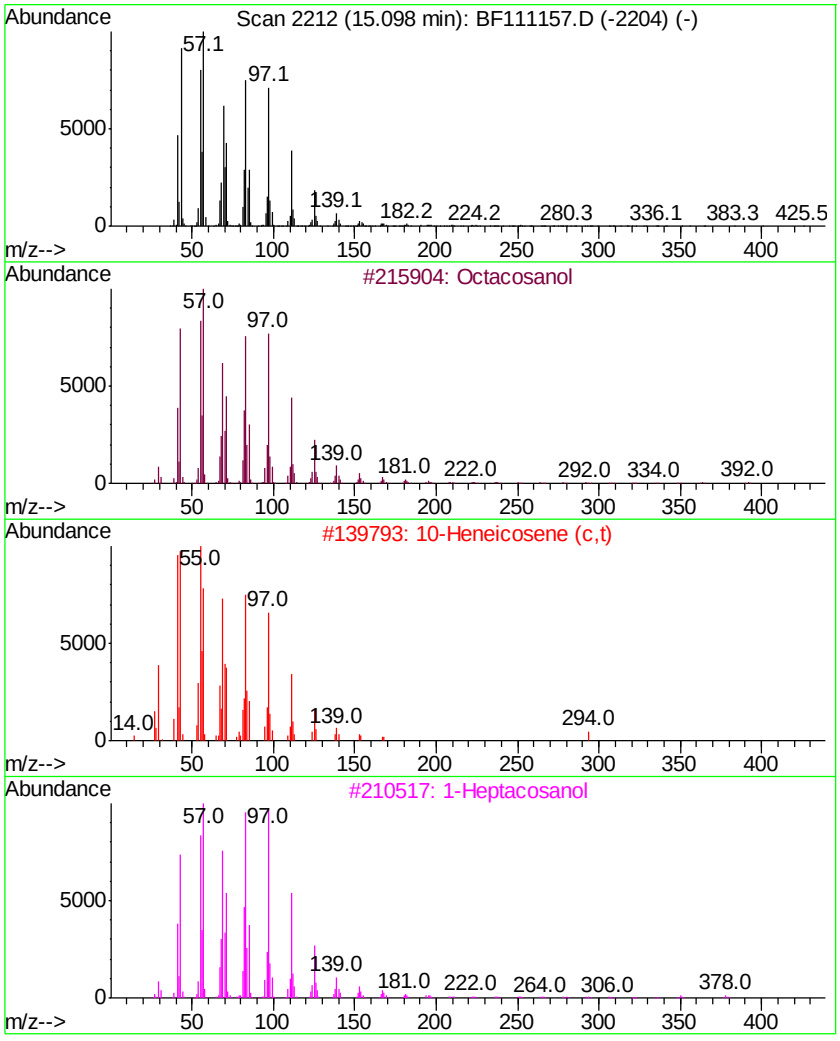
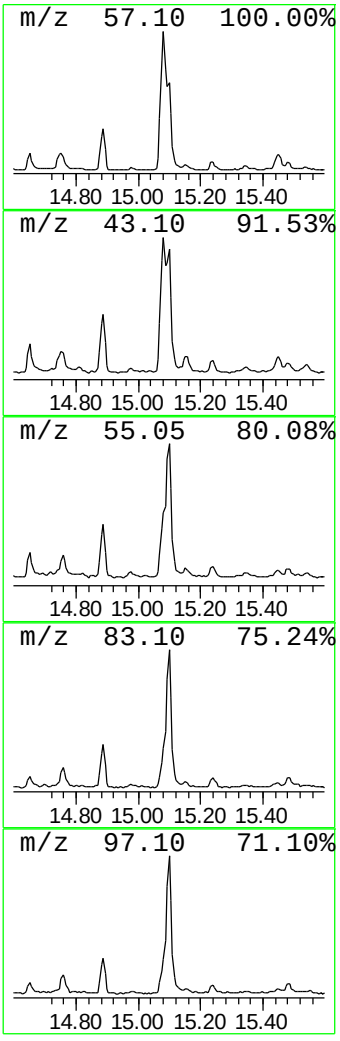
Peak Number 10 Octacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	50.44 ng	6479900	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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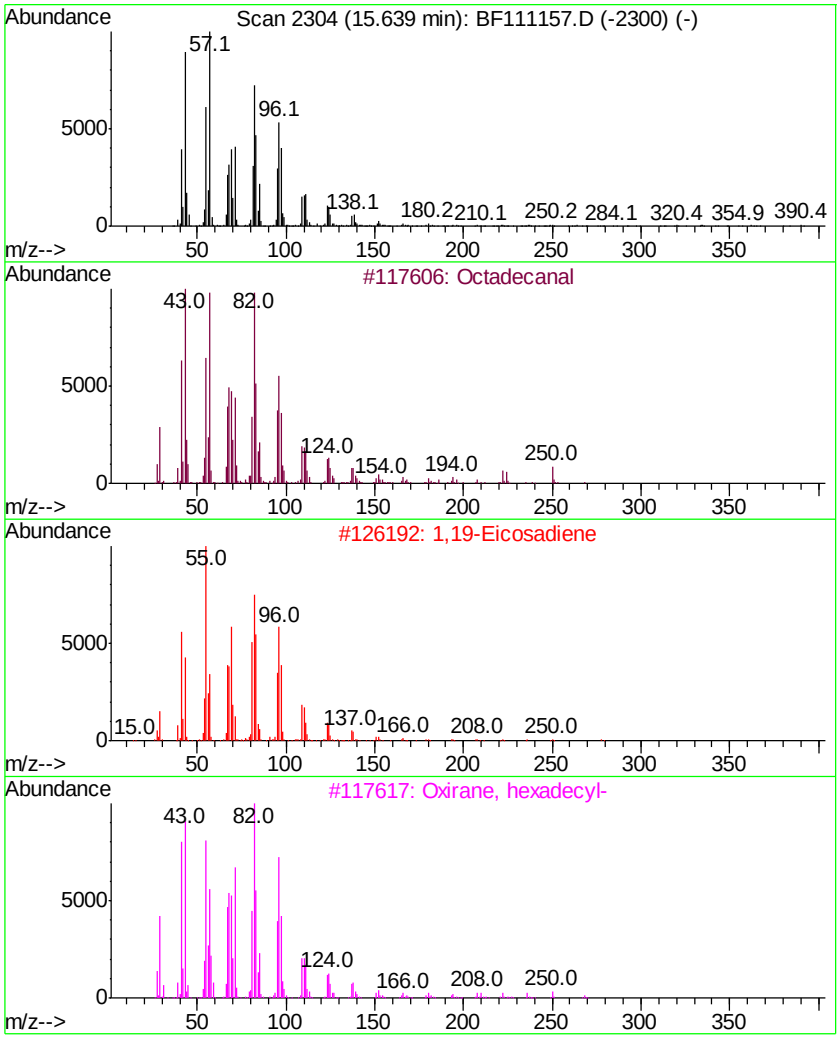
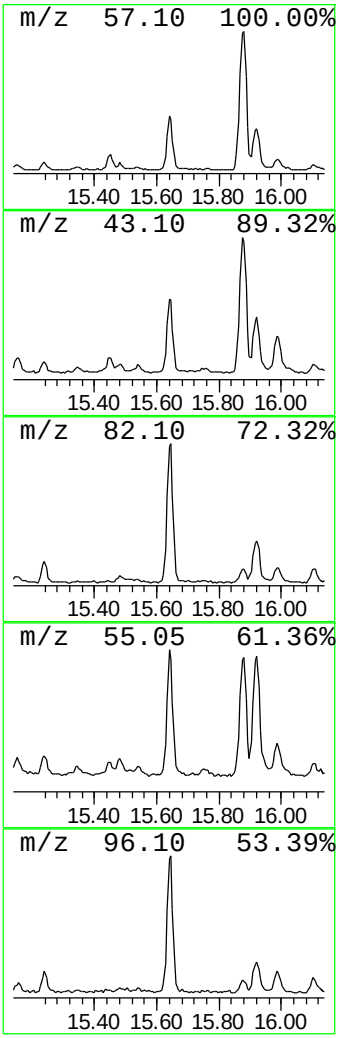
Peak Number 11 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	22.02 ng	2828690	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	89





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Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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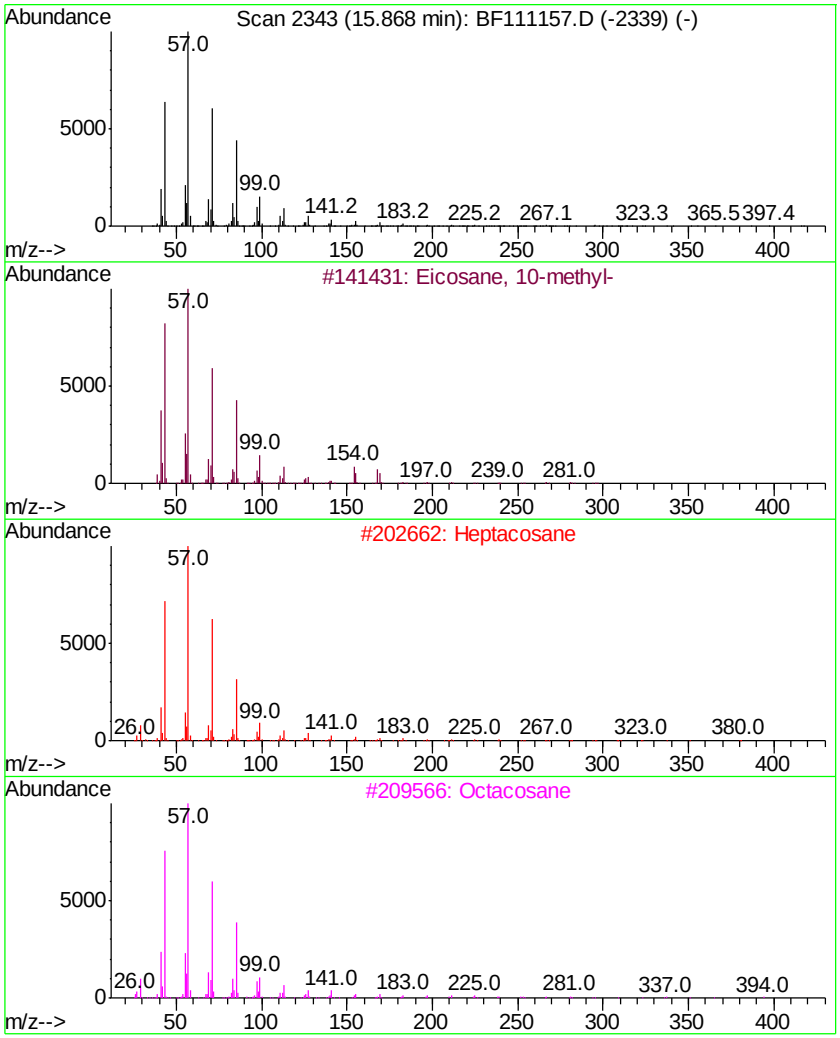
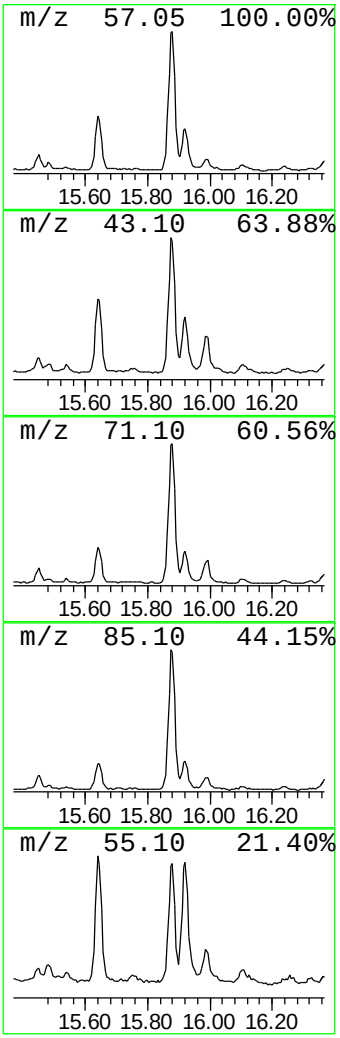
Peak Number 12 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	31.53 ng	4050950	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Hexacosane	366	C26H54	000630-01-3	87





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Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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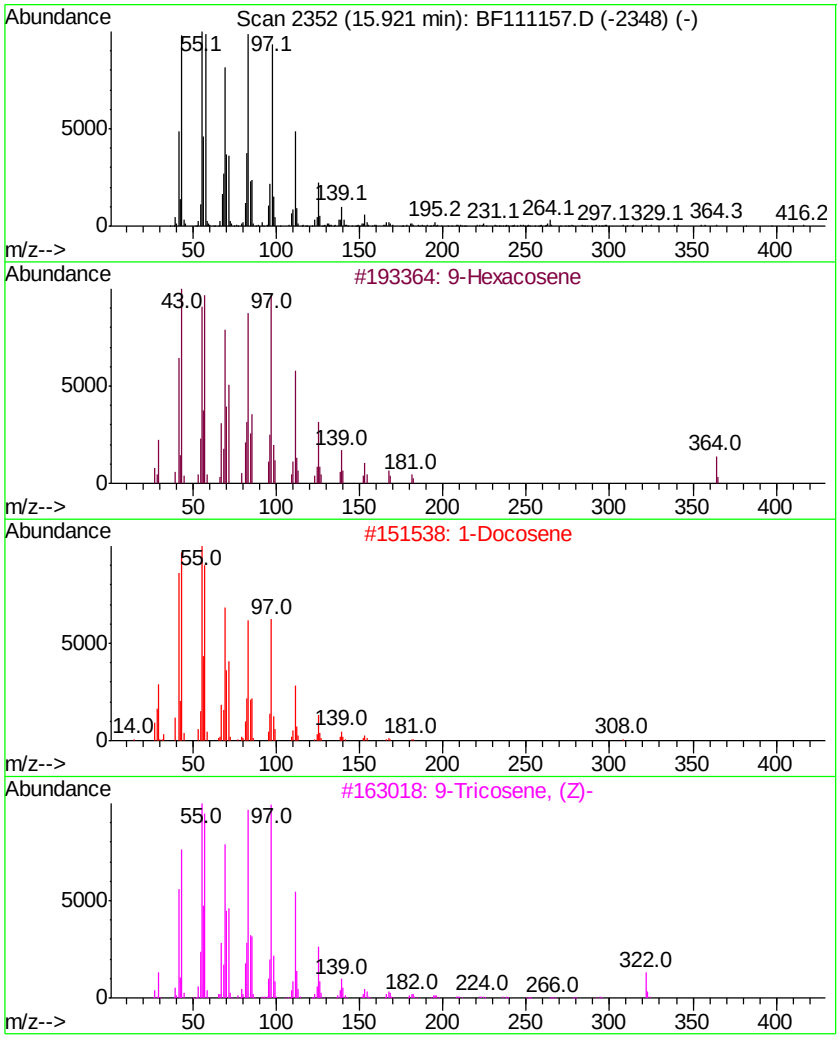
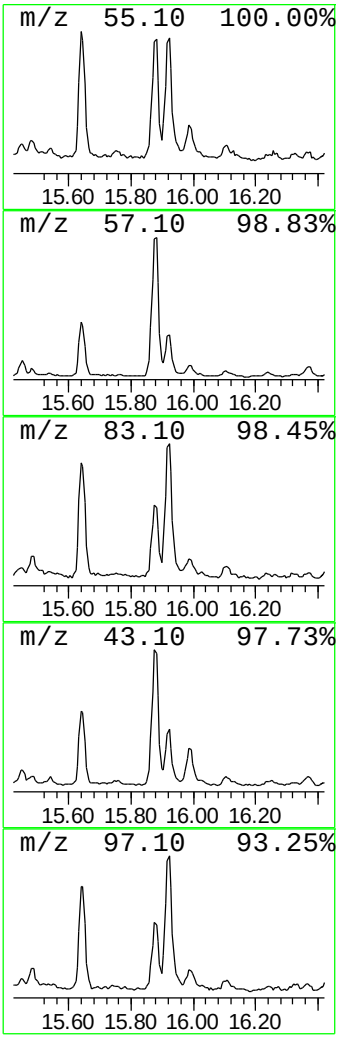
Peak Number 13 9-Hexacosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	17.59 ng	2260190	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexacosene	364	C26H52	071502-22-2	95
2	1-Docosene	308	C22H44	001599-67-3	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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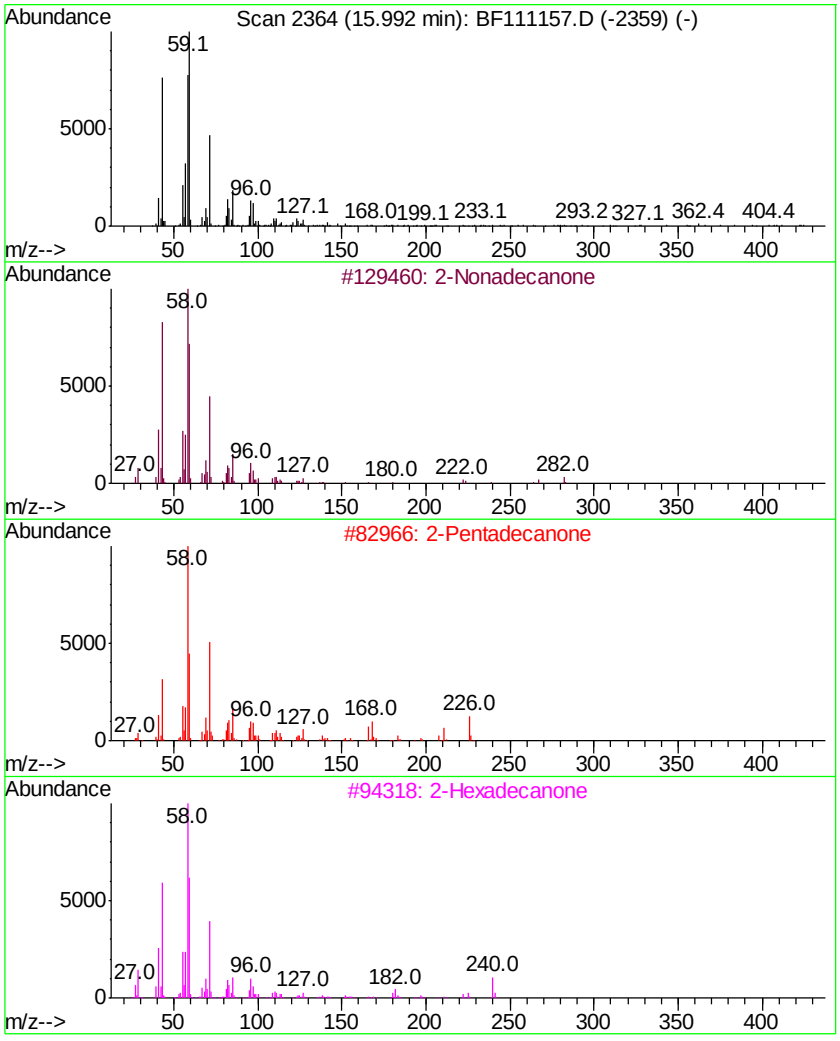
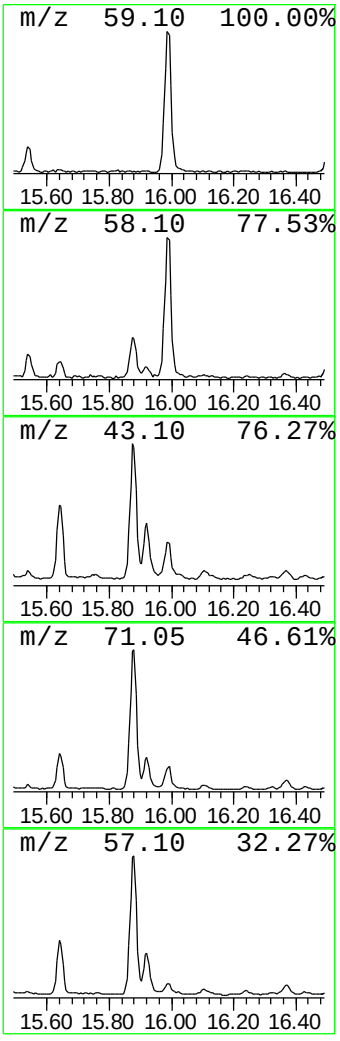
Peak Number 14 2-Nonadecanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	6.59 ng	846044	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	64
2	2-Pentadecanone	226	C15H30O	002345-28-0	50
3	2-Hexadecanone	240	C16H32O	018787-63-8	50
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	43
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38





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Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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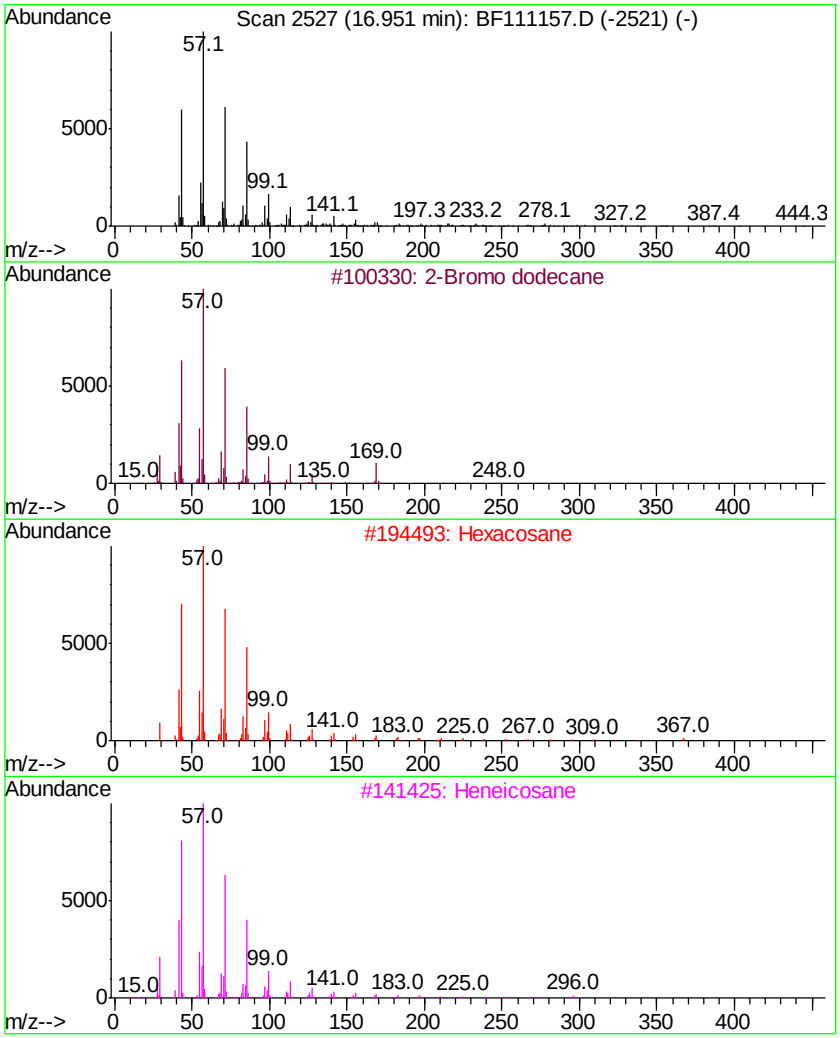
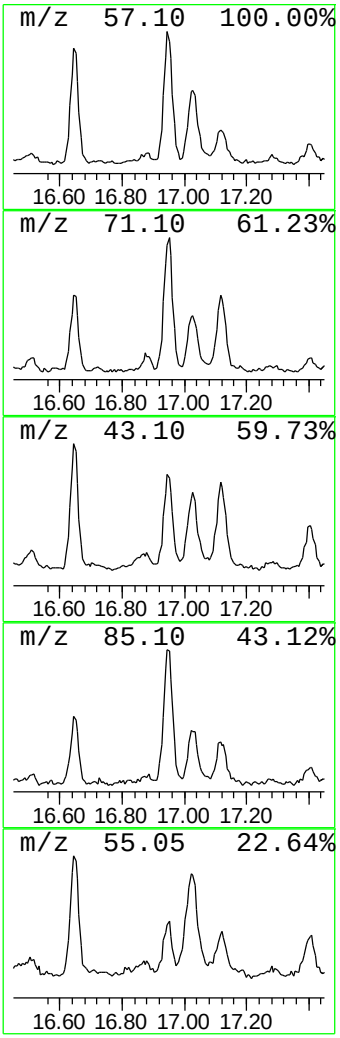
Peak Number 16 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	10.15 ng	1303230	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

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Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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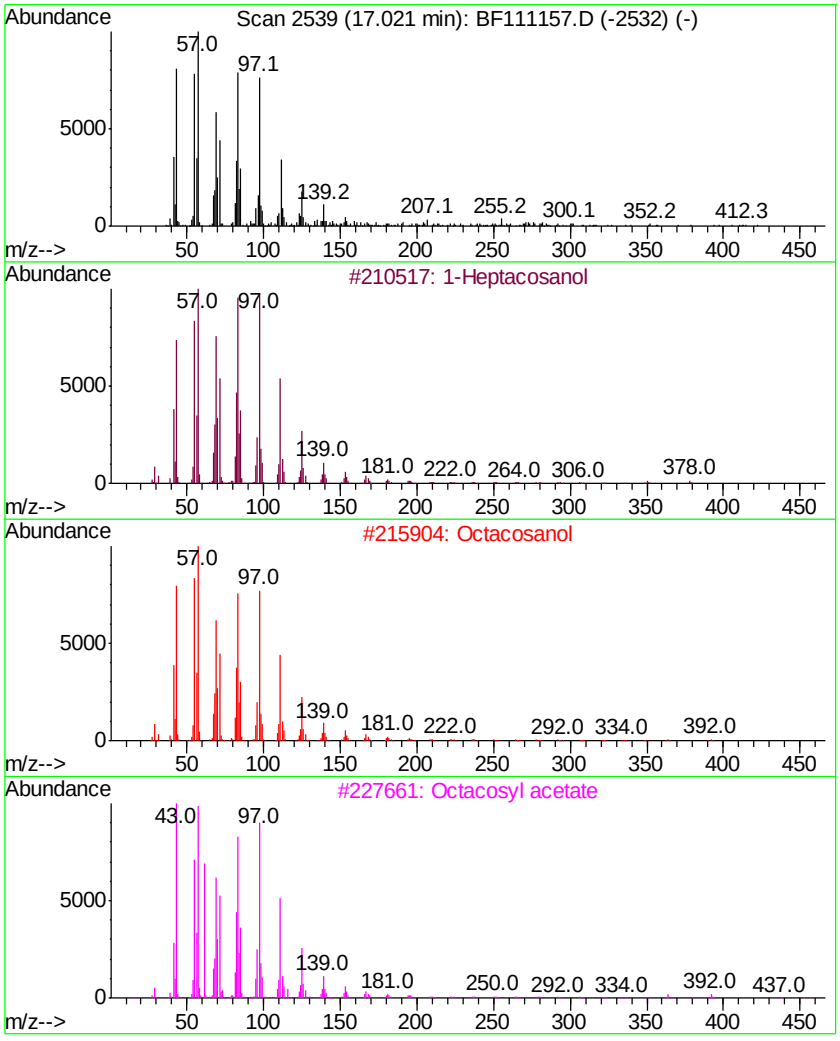
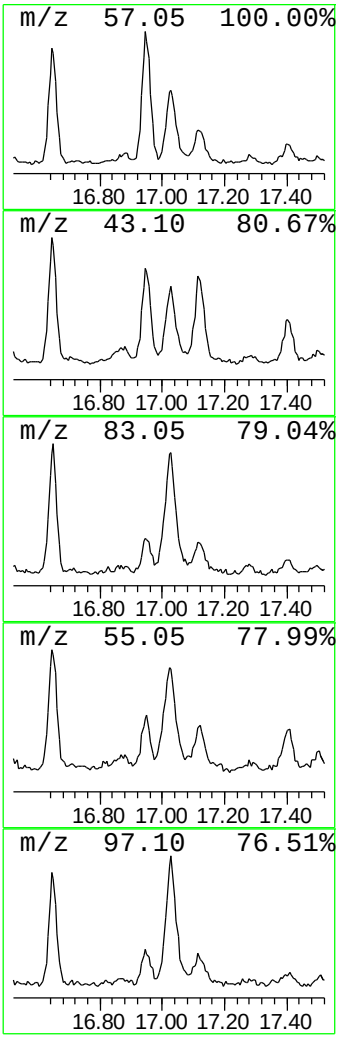
Peak Number 17 1-Heptacosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	16.40 ng	2106760	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Octacosanol	410	C28H58O	000557-61-9	93
3	Octacosyl acetate	452	C30H60O2	018206-97-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	87





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Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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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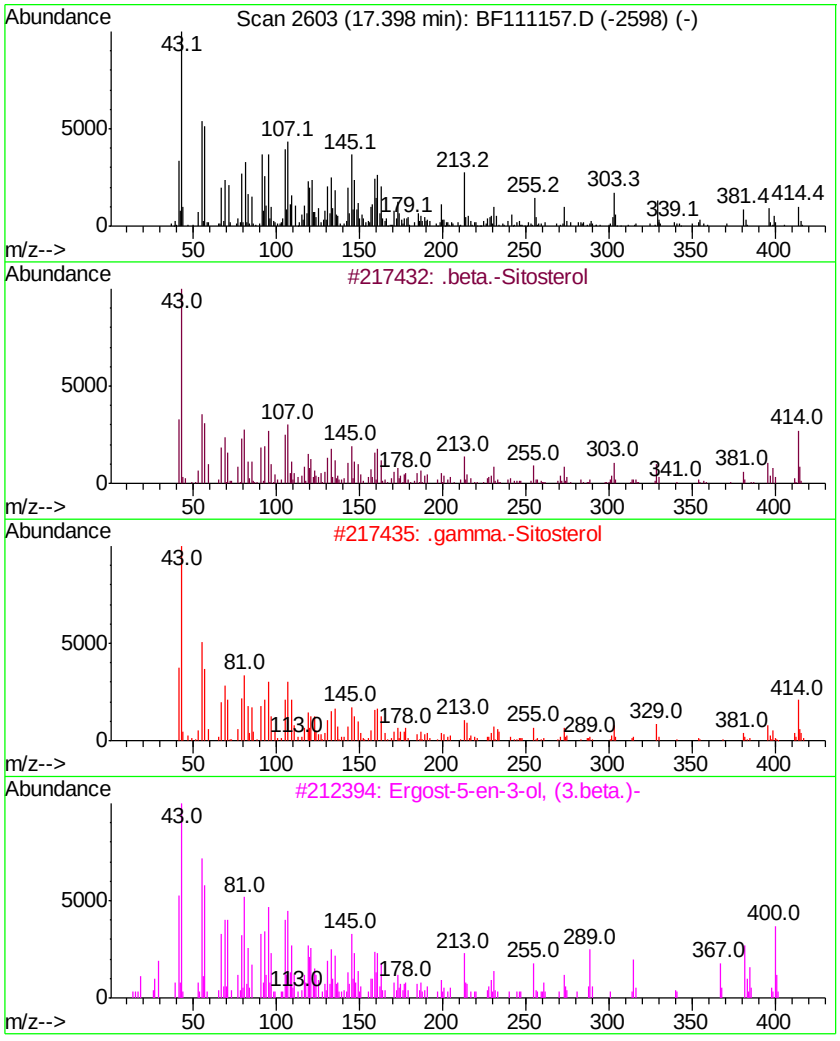
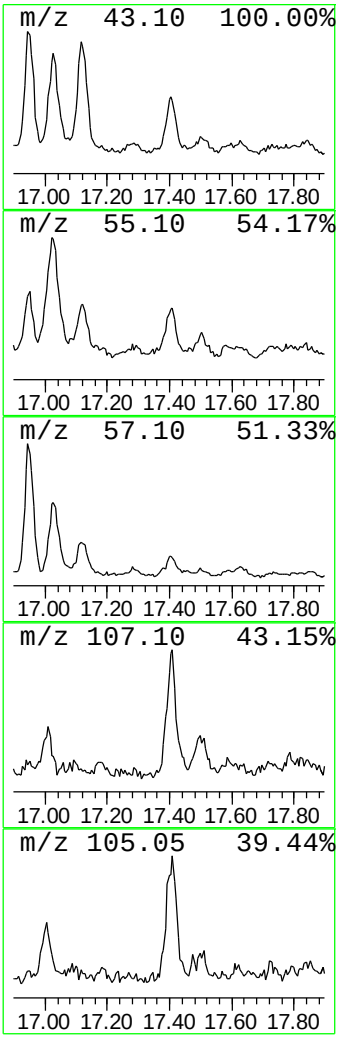
Peak Number 19 .beta.-Sitosterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	10.64 ng	1366780	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	92
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	68
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	64
5	Campesterol	400	C28H48O	000474-62-4	45





Tentatively Identified Compound (LSC) summary

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Data File : BF111157.D
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Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-4A-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
unknown6.57	6.57	80.0	ng	12519600	1	6.80	3131470	20.0
n-Hexadecanoic acid	11.86	10.8	ng	2152330	4	11.32	3974770	20.0
Octadecanoic acid	12.64	7.6	ng	1230700	5	13.96	3251310	20.0
Bromoacetic acid,...	13.81	25.4	ng	4131650	5	13.96	3251310	20.0
Octadecyl trifluo...	14.44	42.5	ng	6910770	5	13.96	3251310	20.0
Tetracosanoic acid	14.65	4.8	ng	783384	5	13.96	3251310	20.0
1-Nonadecene	14.76	5.2	ng	664877	6	15.39	2569210	20.0
1,19-Eicosadiene	14.89	12.7	ng	1634720	6	15.39	2569210	20.0
Octacosanol	15.10	50.4	ng	6479900	6	15.39	2569210	20.0
Octadecanal	15.64	22.0	ng	2828690	6	15.39	2569210	20.0
Eicosane, 10-methyl-	15.87	31.5	ng	4050950	6	15.39	2569210	20.0
9-Hexacosene	15.92	17.6	ng	2260190	6	15.39	2569210	20.0
2-Nonadecanone	15.99	6.6	ng	846044	6	15.39	2569210	20.0
2-Bromo dodecane	16.95	10.2	ng	1303230	6	15.39	2569210	20.0
1-Heptacosanol	17.02	16.4	ng	2106760	6	15.39	2569210	20.0
.beta.-Sitosterol	17.40	10.6	ng	1366780	6	15.39	2569210	20.0