LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096974.D
Acq On : 22 Jul 2017 6:57
Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.104	334	360	362	rBV3	37331	185819	2.15%	0.217%
2	4.169	366	371	376	rVV	192156	347804	4.03%	0.405%
3	4.716	460	464	473	rBV	402619	493276	5.72%	0.575%
4	4.951	481	504	505	rBV2	82622	358880	4.16%	0.418%
5	5.110	514	531	533	rBV3	84820	270854	3.14%	0.316%
6	5.169	538	541	550	rVV	810353	830030	9.63%	0.967%
7	5.428	567	585	588	rBV2	82953	311012	3.61%	0.362%
8	6.222	716	720	725	rBV2	692462	916186	10.62%	1.068%
9	6.334	735	739	744	rBV	1569337	1516823	17.59%	1.768%
10	6.557	773	777	780	rBV	948983	858892	9.96%	1.001%
11	6.640	787	791	795	rBV	355293	330836	3.84%	0.386%
12	6.710	800	803	808	rVV	2257376	2130350	24.70%	2.483%
13	6.981	840	849	850	rBV	1083475	1187809	13.77%	1.384%
14	6.998	850	852	858	rVB	401640	364342	4.23%	0.425%
15	7.122	867	873	876	rBV	1771287	1628508	18.88%	1.898%
16	7.181	880	883	886	rVB	239373	195894	2.27%	0.228%
17	7.304	902	904	907	rVV	267180	250833	2.91%	0.292%
18	7.351	907	912	915	rVB	251130	303954	3.52%	0.354%
19	7.687	953	969	972	rBV	619418	1796811	20.84%	2.094%
20	7.757	977	981	985	rBV	857416	806438	9.35%	0.940%
21	7.839	991	995	997	rBV	1269343	1092999	12.67%	1.274%
22	7.875	997	1001	1003	rVB2	377232	347365	4.03%	0.405%
23	7.975	1013	1018	1020	rBV	249282	283269	3.28%	0.330%
24	8.004	1020	1023	1030	rVB	873121	917430	10.64%	1.069%
25	8.169	1038	1051	1057	rBV	611113	1180039	13.68%	1.375%
26	8.439	1094	1097	1100	rVV4	125122	154639	1.79%	0.180%
27	8.486	1100	1105	1108	rVB	288654	234327	2.72%	0.273%
28	8.663	1130	1135	1137	rBV	151263	152601	1.77%	0.178%
29	8.810	1149	1160	1163	rVV2	485985	768332	8.91%	0.895%
30	8.916	1174	1178	1181	rVB	2549543	2264149	26.26%	2.639%
31	9.151	1215	1218	1223	rBV3	95380	152233	1.77%	0.177%
32	9.316	1242	1246	1249	rBV	311891	317745	3.68%	0.370%
33	9.416	1257	1263	1266	rBV	2666764	2383370	27.64%	2.778%
34	9.586	1288	1292	1295	rBV	992445	876873	10.17%	1.022%

LSC Area Percent Report

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Data File : BF096974.D
Acq On : 22 Jul 2017 6:57
Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.616	1295	1297	1300	rVV2	152046	173847	2.02%	0.203%
36	9.669	1304	1306	1308	rVV3	131875	165335	1.92%	0.193%
37	9.863	1327	1339	1342	rBV	1765069	3455559	40.07%	4.027%
38	9.928	1347	1350	1352	rVV	412064	361253	4.19%	0.421%
39	10.010	1361	1364	1367	rBV	236836	204253	2.37%	0.238%
40	10.304	1411	1414	1418	rBV	296052	233441	2.71%	0.272%
41	10.375	1422	1426	1429	rBV	746998	732412	8.49%	0.854%
42	10.410	1429	1432	1436	rVV	1363878	1111621	12.89%	1.295%
43	10.598	1456	1464	1468	rBV3	811691	963118	11.17%	1.122%
44	10.780	1490	1495	1498	rBV	1348813	1454229	16.86%	1.695%
45	10.869	1508	1510	1514	rVB	496501	400758	4.65%	0.467%
46	11.063	1535	1543	1545	rBV	702384	863122	10.01%	1.006%
47	11.204	1564	1567	1571	rBV2	389003	416759	4.83%	0.486%
48	11.251	1571	1575	1579	rVB	362844	362623	4.21%	0.423%
49	11.310	1579	1585	1591	rBV	1945441	1817208	21.07%	2.118%
50	11.427	1601	1605	1609	rVB3	191237	187923	2.18%	0.219%
51	11.480	1609	1614	1619	rVB2	363138	395793	4.59%	0.461%
52	11.551	1621	1626	1633	rBV2	315428	734788	8.52%	0.856%
53	11.663	1633	1645	1648	rBV	3857192	8623446	100.00%	10.050%
54	11.692	1648	1650	1656	rVV3	210731	365009	4.23%	0.425%
55	11.739	1656	1658	1661	rVB2	149775	160181	1.86%	0.187%
56	11.774	1661	1664	1669	rBV2	410798	460301	5.34%	0.536%
57	11.869	1677	1680	1683	rBV2	395188	406672	4.72%	0.474%
58	12.027	1703	1707	1720	rVB4	189460	379263	4.40%	0.442%
59	12.127	1720	1724	1729	rBV	1862321	1757353	20.38%	2.048%
60	12.274	1746	1749	1752	rBV2	138578	190604	2.21%	0.222%
61	12.351	1752	1762	1764	rBV	2493039	4897209	56.79%	5.707%
62	12.374	1764	1766	1770	rVV	1723149	1987876	23.05%	2.317%
63	12.439	1770	1777	1785	rVB	3396672	5714325	66.26%	6.659%
64	12.557	1794	1797	1803	rVB	224036	259135	3.01%	0.302%
65	12.645	1809	1812	1816	rVB	1356190	1368285	15.87%	1.595%
66	12.757	1828	1831	1834	rBV3	126869	157565	1.83%	0.184%
67	12.804	1836	1839	1842	rVV	528380	471106	5.46%	0.549%
68	12.886	1848	1853	1856	rVV4	120405	193182	2.24%	0.225%
69	12.933	1859	1861	1864	rVB	196915	143742	1.67%	0.168%
70	12.998	1869	1872	1874	rVB	501417	401594	4.66%	0.468%
71	13.080	1883	1886	1890	rVB	302617	298485	3.46%	0.348%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.151	1895	1898	1902	rVB2	271115	302560	3.51%	0.353%
73	13.227	1907	1911	1915	rVB4	150814	207757	2.41%	0.242%
74	13.474	1950	1953	1954	rVV	142828	148322	1.72%	0.173%
75	13.563	1964	1968	1972	rVB2	246010	313848	3.64%	0.366%
76	13.610	1973	1976	1979	rBV	169273	151906	1.76%	0.177%
77	13.686	1986	1989	1992	rBV	673280	662413	7.68%	0.772%
78	13.716	1992	1994	1997	rVB	435877	358216	4.15%	0.417%
79	14.033	2044	2048	2054	rBV3	325969	441623	5.12%	0.515%
80	14.098	2056	2059	2067	rVV	292349	299148	3.47%	0.349%
81	14.333	2096	2099	2104	rVB	345201	332531	3.86%	0.388%
82	14.451	2114	2119	2121	rBV2	149474	203384	2.36%	0.237%
83	14.539	2130	2134	2138	rBV	2541230	2817821	32.68%	3.284%
84	14.627	2146	2149	2151	rBV3	183380	198045	2.30%	0.231%
85	14.657	2151	2154	2160	rVB	216623	304275	3.53%	0.355%
86	14.710	2160	2163	2167	rVB4	144284	147835	1.71%	0.172%
87	14.768	2171	2173	2181	rVB2	118535	183623	2.13%	0.214%
88	14.957	2202	2205	2208	rVV3	230657	276948	3.21%	0.323%
89	14.992	2208	2211	2216	rVB2	153344	190253	2.21%	0.222%
90	15.051	2217	2221	2226	rVB	513311	611270	7.09%	0.712%
91	15.268	2254	2258	2265	rVB7	81777	156676	1.82%	0.183%
92	15.451	2285	2289	2291	rBV	124341	175224	2.03%	0.204%
93	15.662	2319	2325	2337	rBV5	1209006	2841537	32.95%	3.312%
94	15.821	2346	2352	2359	rBV2	1293007	2675414	31.02%	3.118%
95	16.451	2456	2459	2469	rVB4	139011	300413	3.48%	0.350%
96	16.604	2481	2485	2491	rBV4	147806	264056	3.06%	0.308%
97	16.674	2492	2497	2507	rVV2	224877	599043	6.95%	0.698%
98	16.804	2510	2519	2531	rVB7	304751	1070928	12.42%	1.248%
99	18.068	2726	2734	2750	rVB4	215529	719478	8.34%	0.838%
100	18.215	2755	2759	2769	rVB3	136954	372845	4.32%	0.435%

Sum of corrected areas: 85807489

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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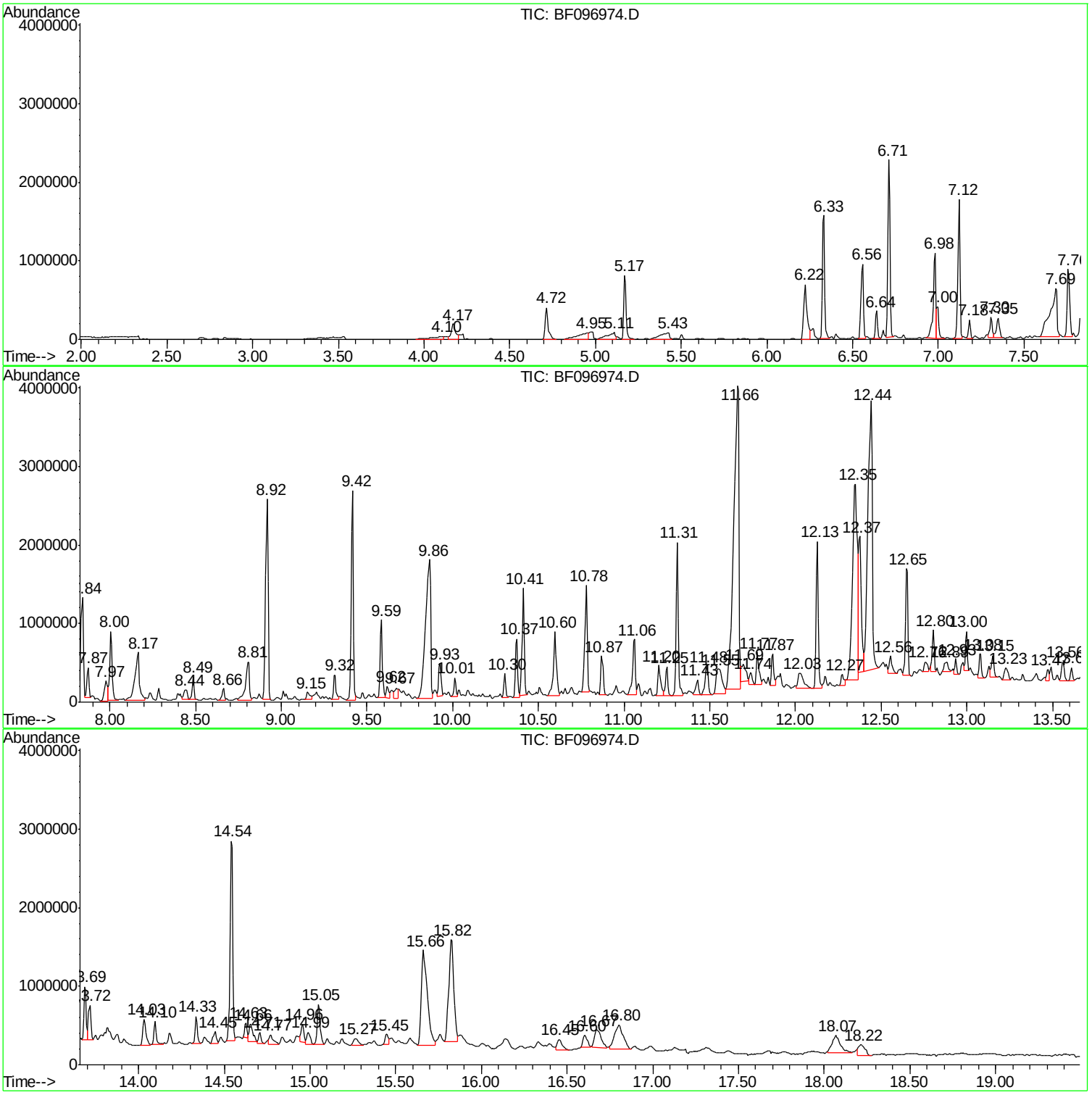
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-COMB-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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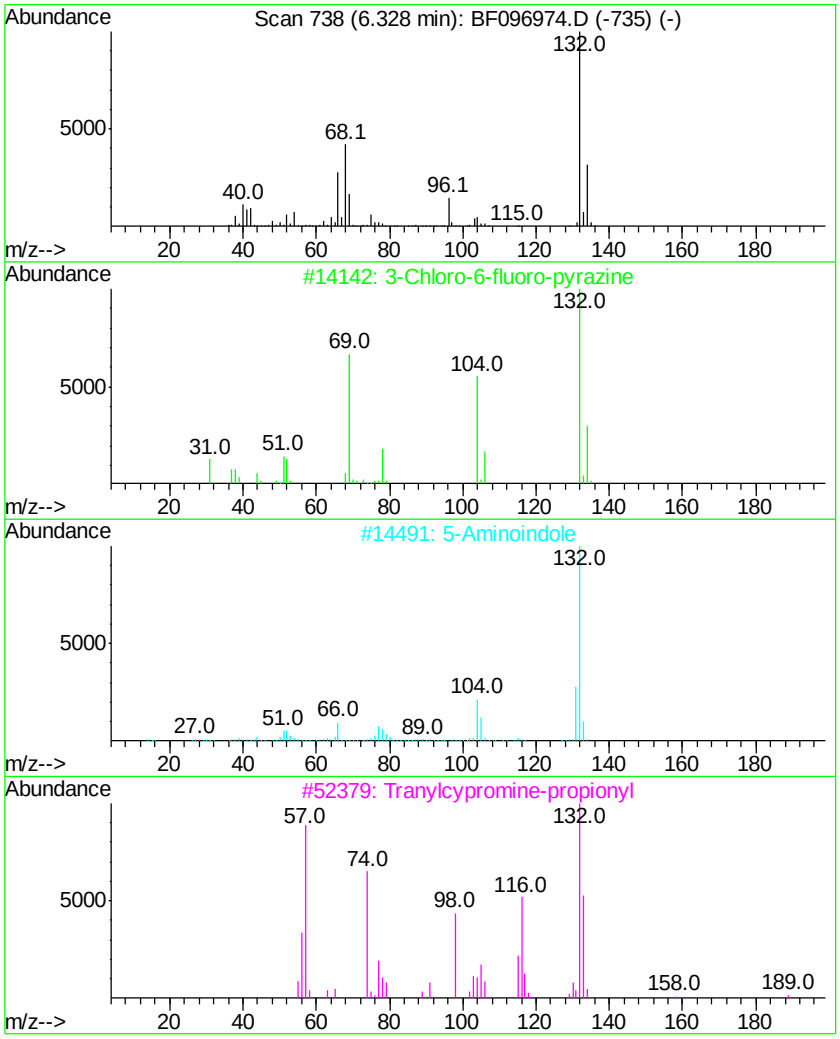
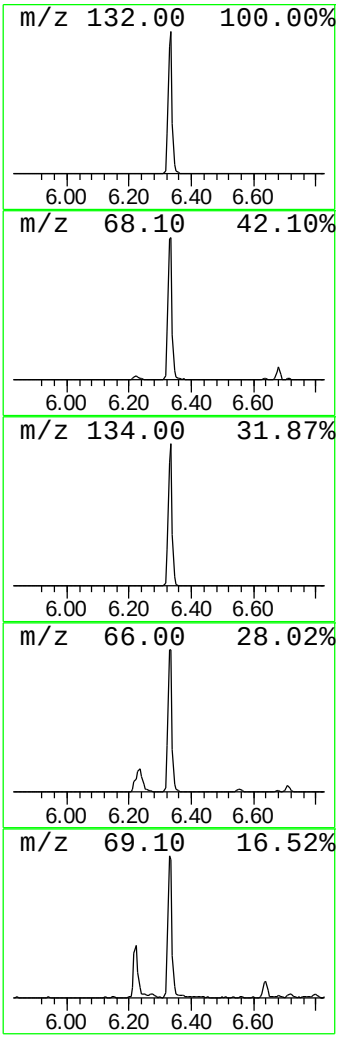
Peak Number 1 unknown6.33 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	35.32 ng	1516820	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF096974.D
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Operator : SJ/JU
Sample : I4313-02
Misc :
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Instrument : BNA_F
ClientSampleId : M-COMB-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

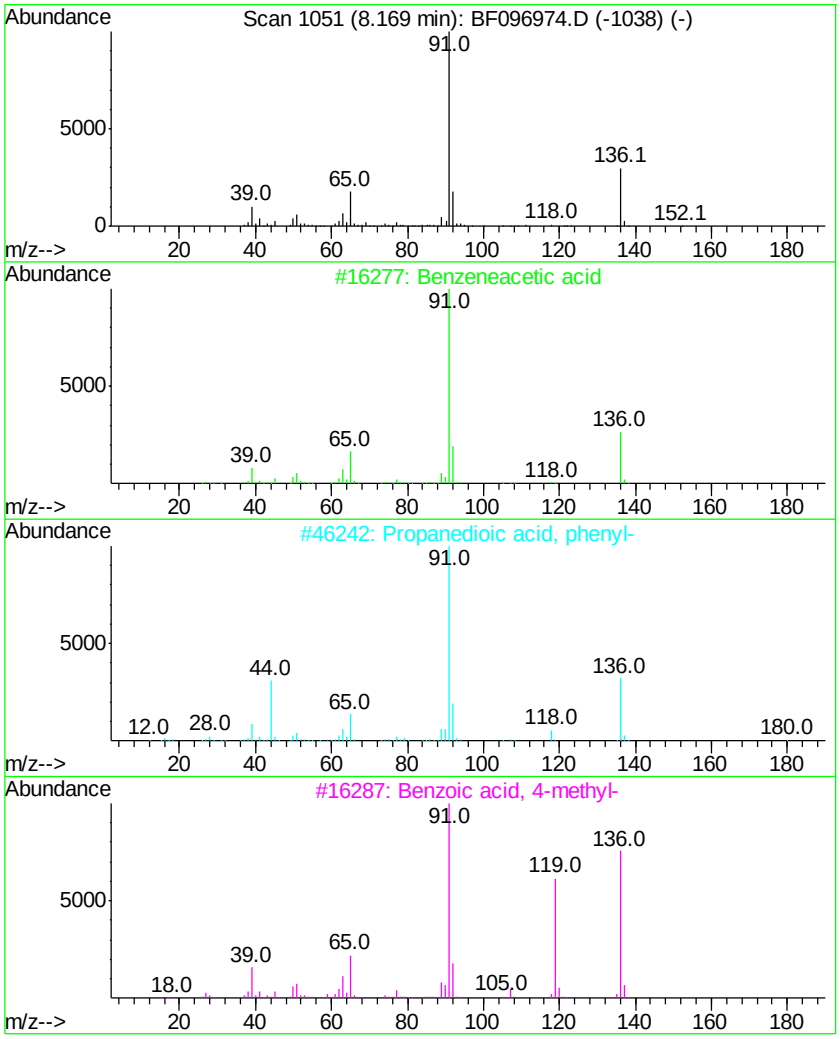
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

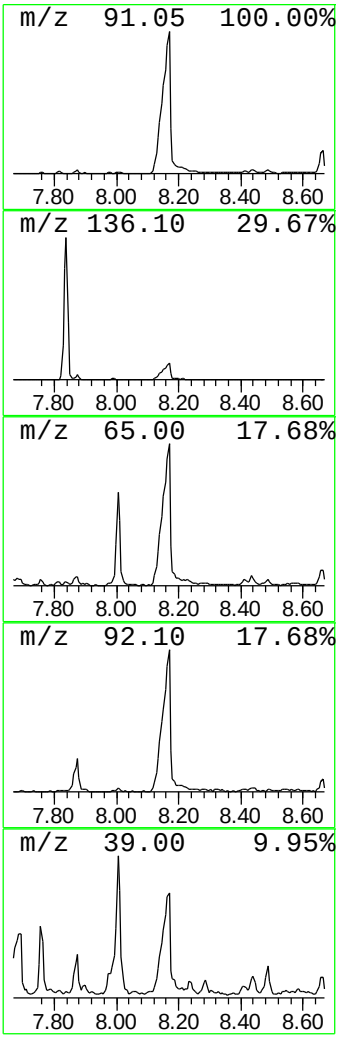
****

Peak Number 2 Benzeneacetic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	21.59 ng	1180040	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	95
2	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	78
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	58
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	50
5	2-Benzyloxy-4-bromobutane-1,3-diol	274	C11H15BrO3	1000191-12-1	50





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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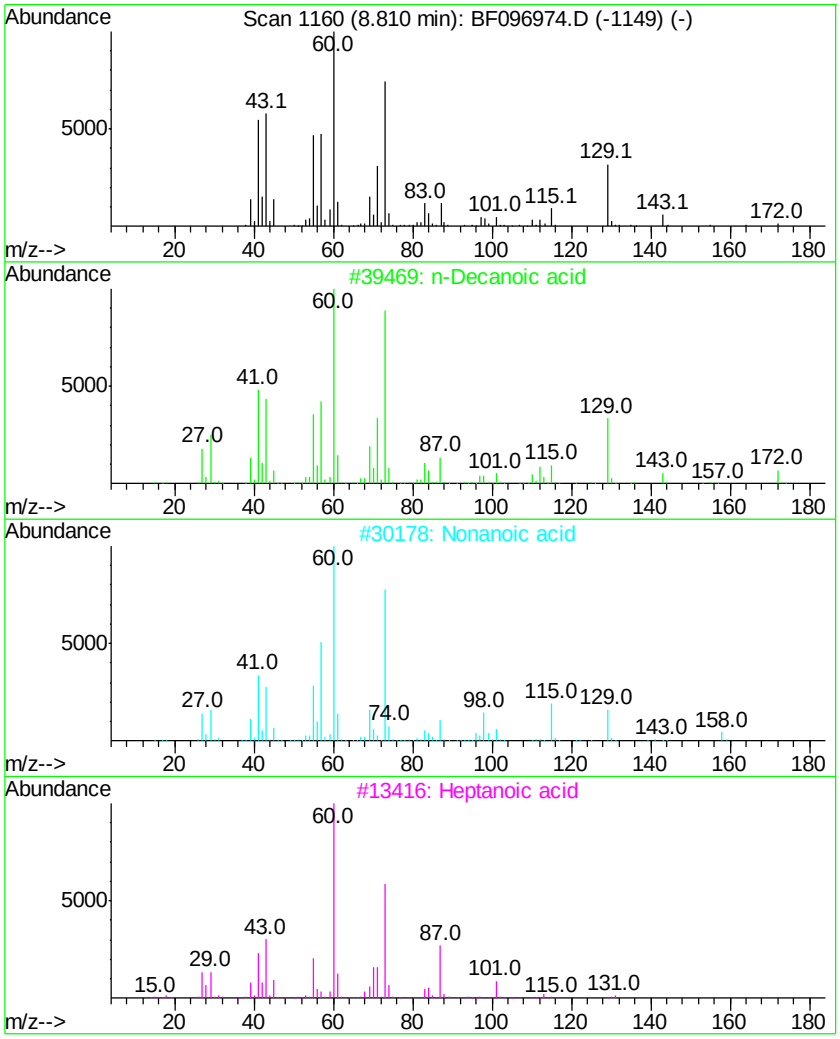
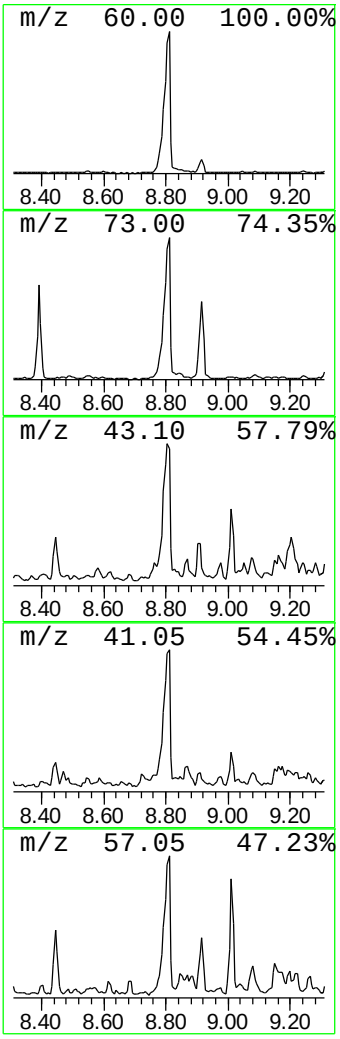
Peak Number 3 n-Decanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	17.52 ng	768332	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	Nonanoic acid	158	C9H18O2	000112-05-0	53
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096974.D
Acq On : 22 Jul 2017 6:57
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Misc :
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Instrument : BNA_F
ClientSampleId : M-COMB-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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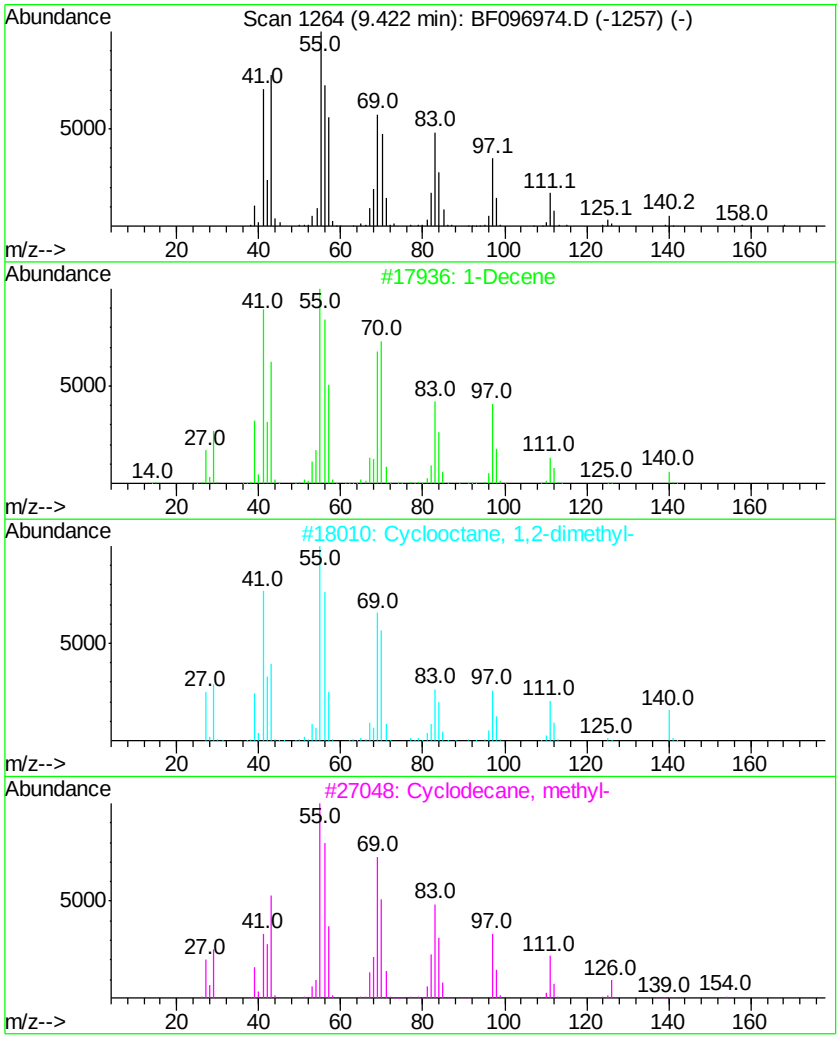
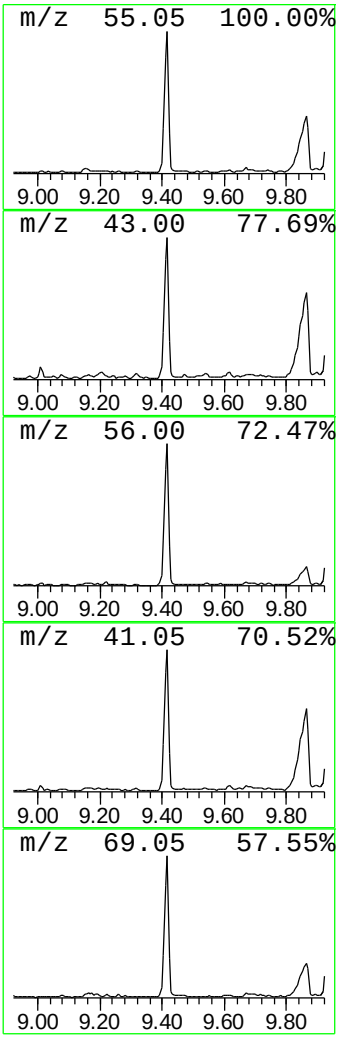
Peak Number 4 1-Decene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	54.36 ng	2383370	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	94
3	Cyclodecane, methyl-	154	C11H22	013151-43-4	91
4	Cyclodecane	140	C10H20	000293-96-9	91
5	1-Dodecanol	186	C12H26O	000112-53-8	91





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Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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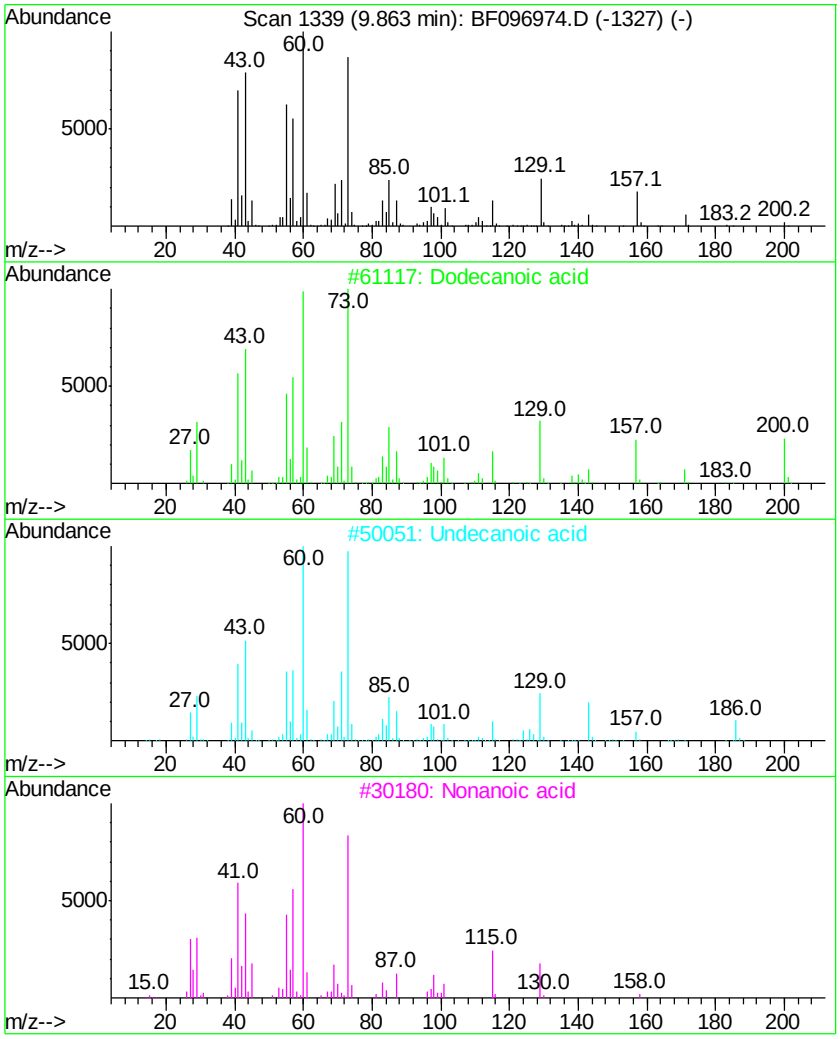
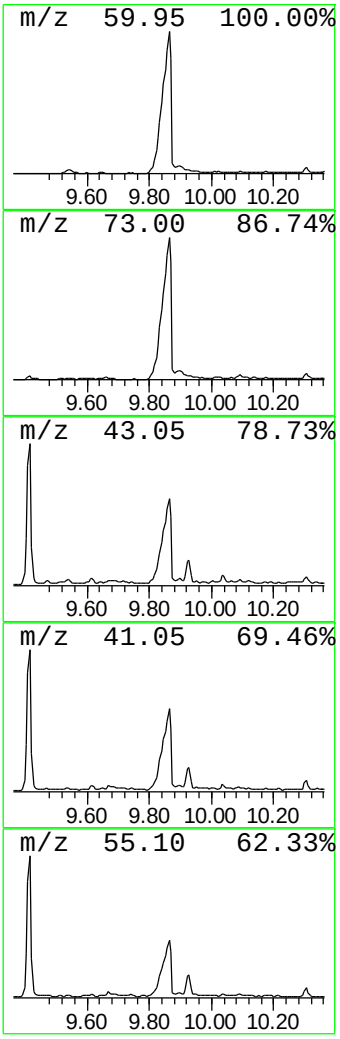
Peak Number 5 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	78.82 ng	3455560	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Nonanoic acid	158	C9H18O2	000112-05-0	70
4	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	47





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Operator : SJ/JU
Sample : I4313-02
Misc :
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Instrument : BNA_F
ClientSampleId : M-COMB-9

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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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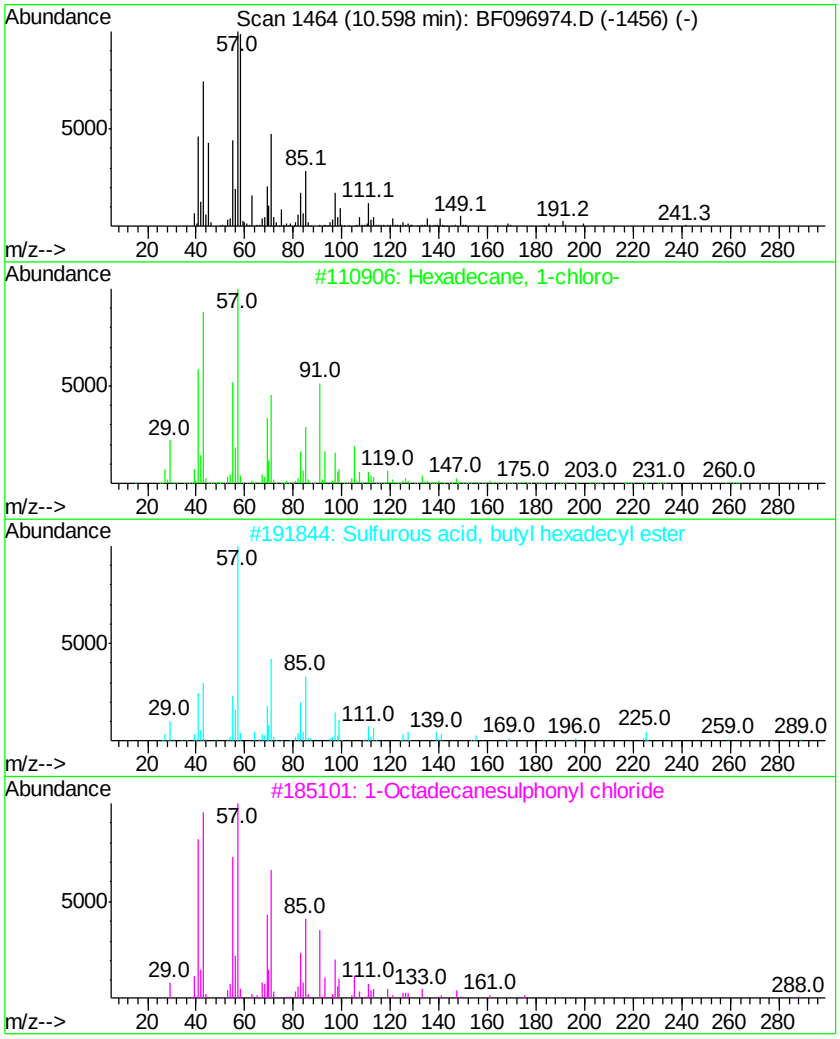
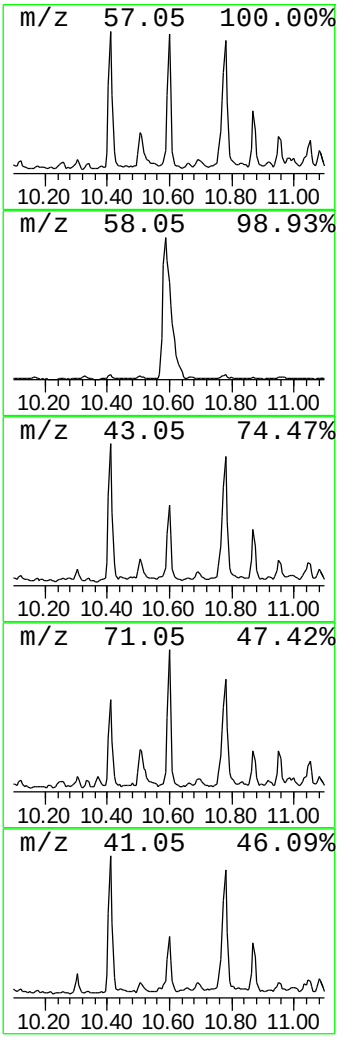
Peak Number 6 unknown10.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	22.32 ng	963118	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	38
2	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	38
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	35
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	35





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ClientSampleId : M-COMB-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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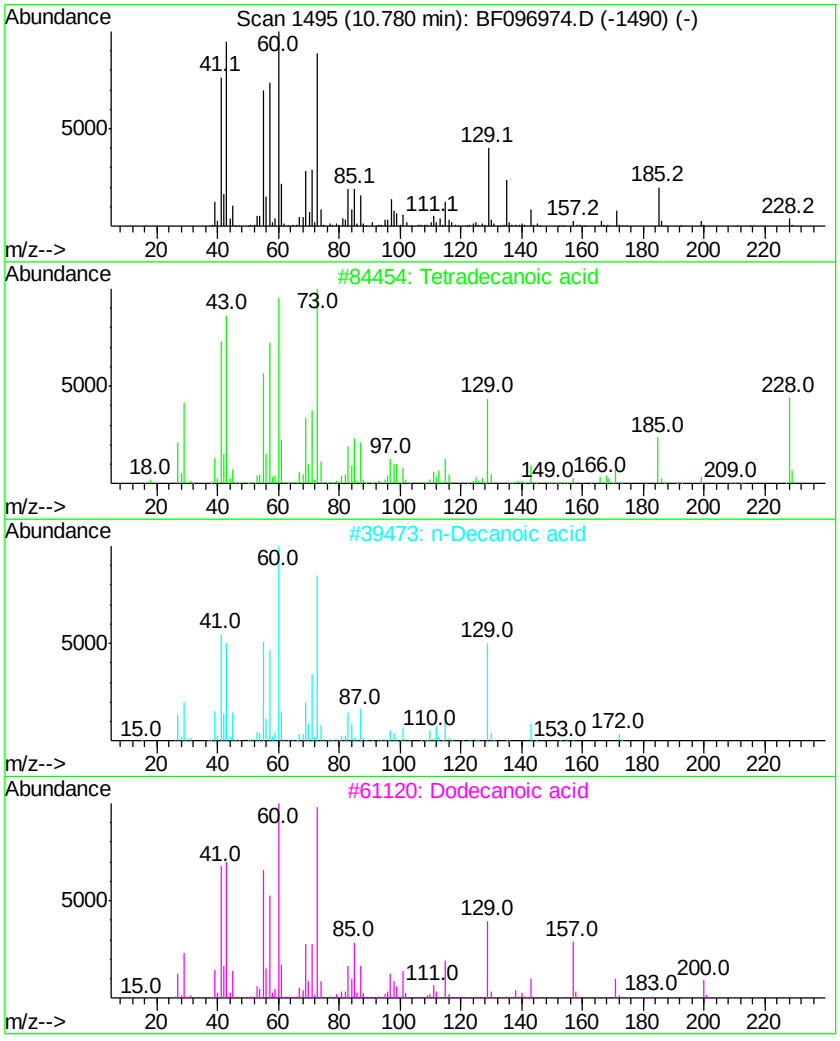
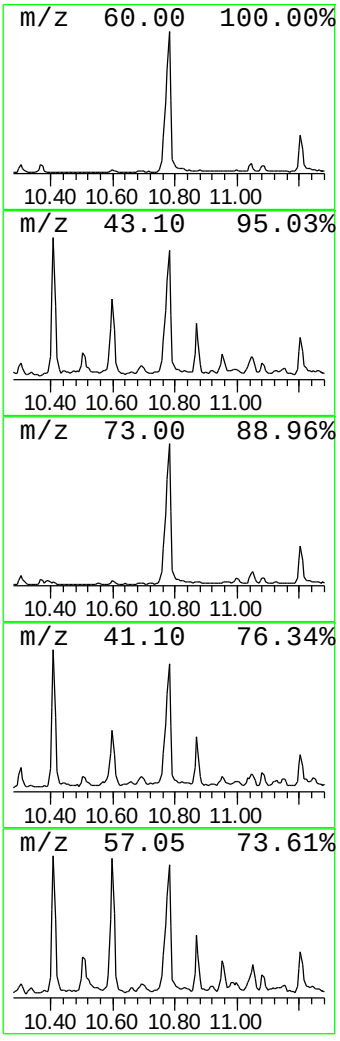
Peak Number 7 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	33.70 ng	1454230	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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ClientSampleId : M-COMB-9

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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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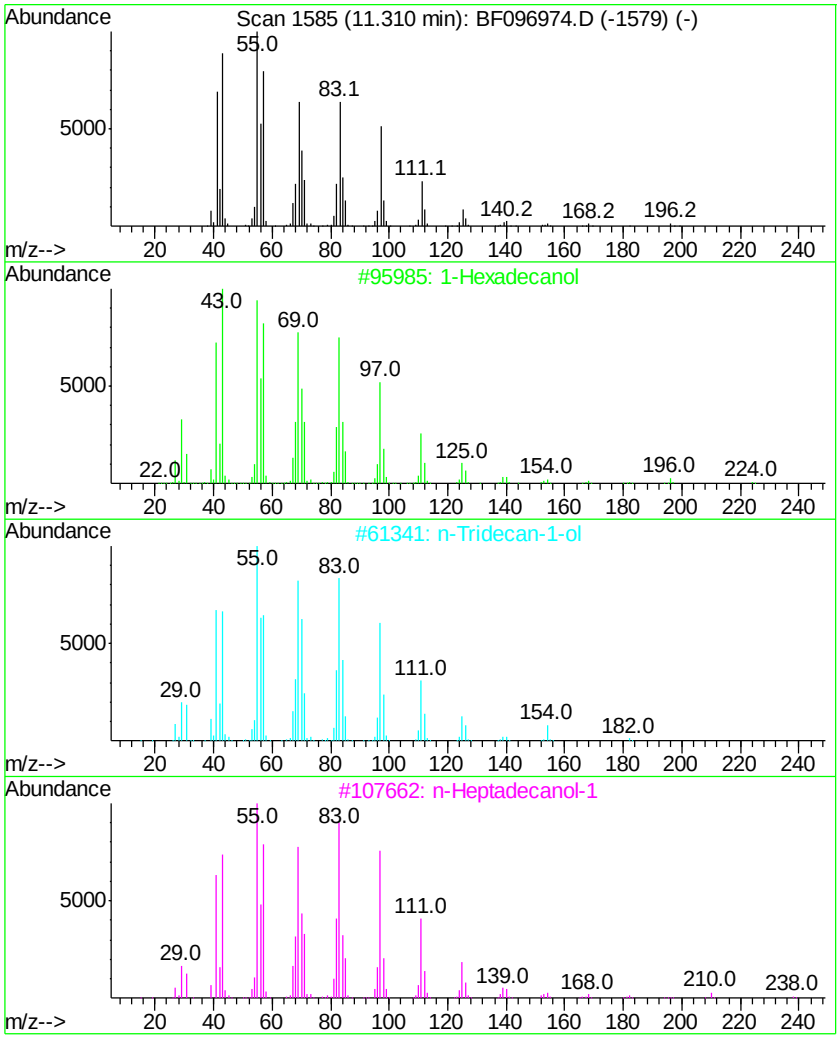
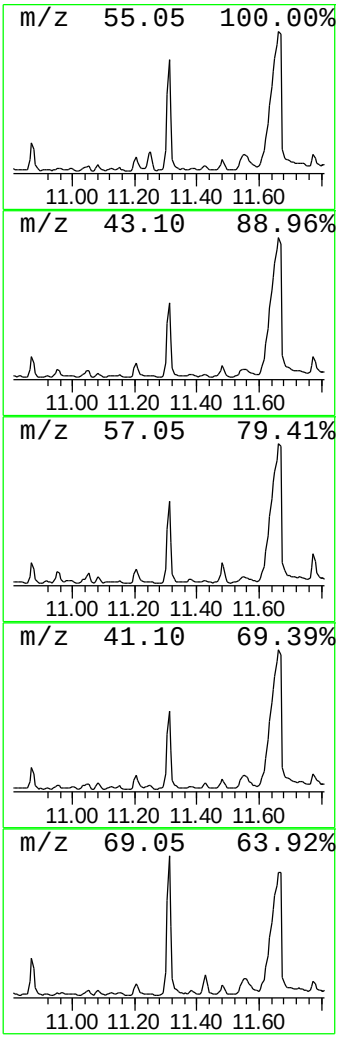
Peak Number 8 1-Hexadecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	42.11 ng	1817210	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	87
5	n-Pentadecanol	228	C15H32O	000629-76-5	87





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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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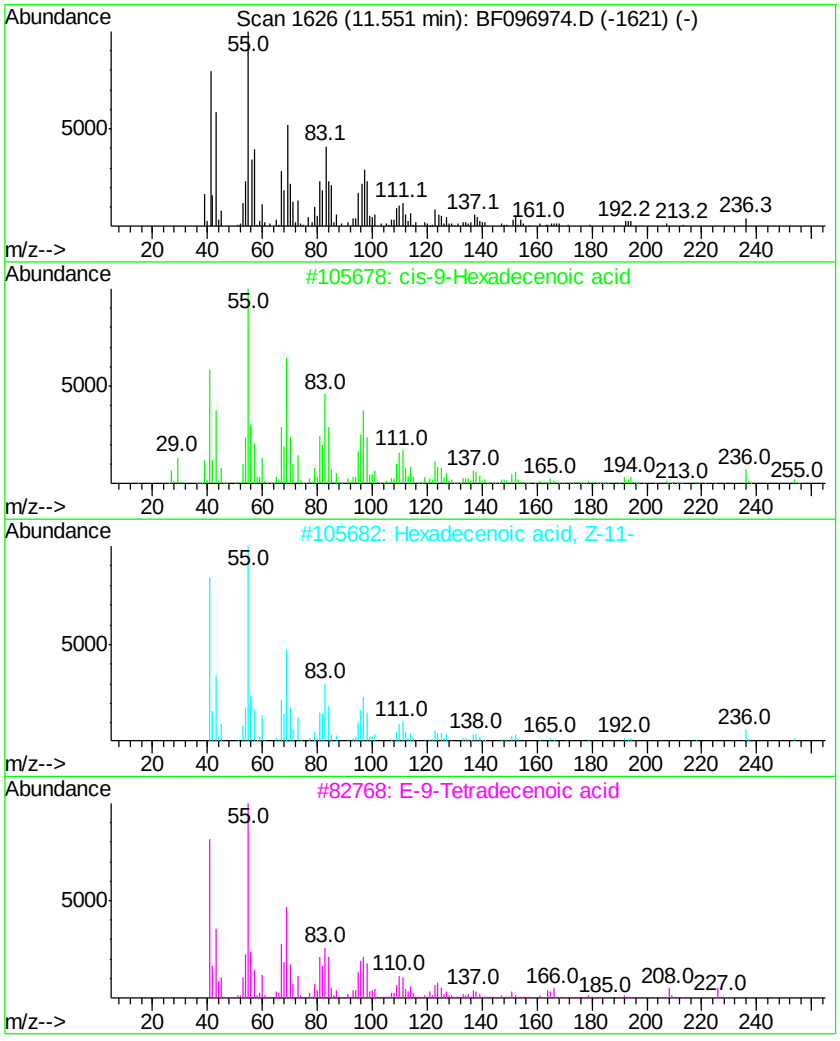
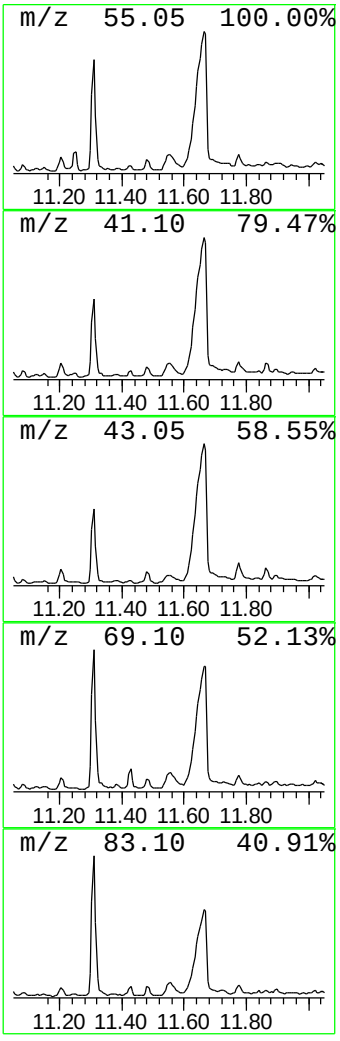
Peak Number 9 cis-9-Hexadecenoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	17.03 ng	734788	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	87
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	74
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	70
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	58
5	trans-2-methyl-4-n-pentylthiane,...	218	C11H22O2S	1000215-75-3	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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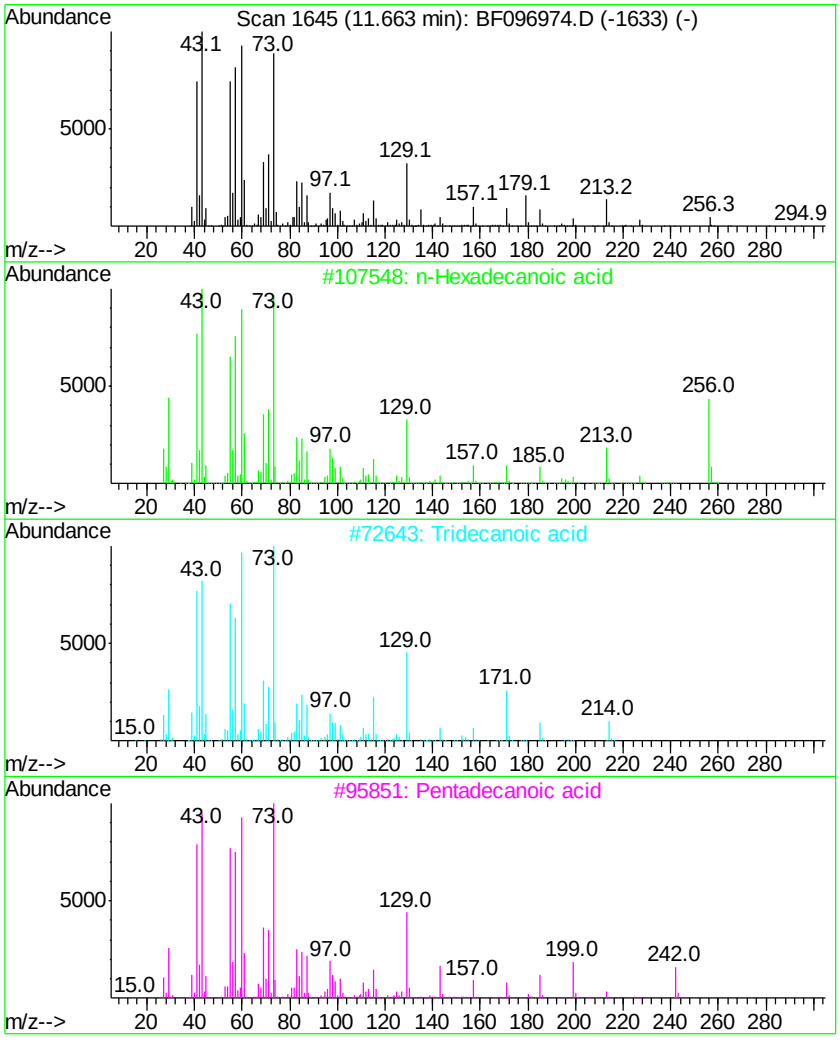
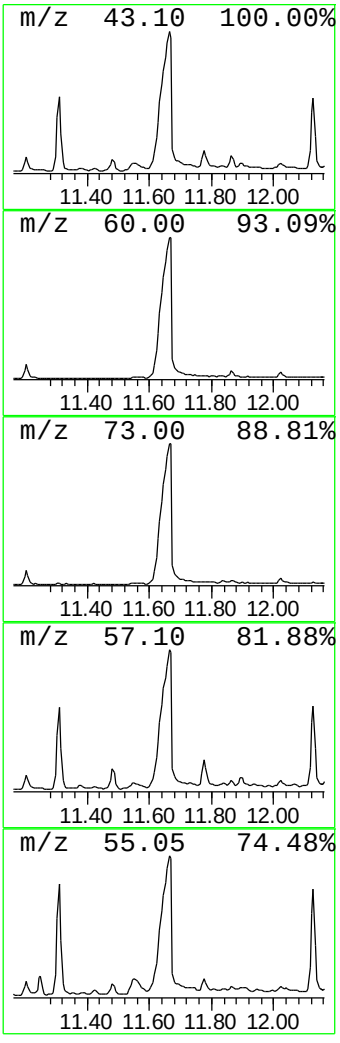
Peak Number 10 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	199.82 ng	8623450	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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ClientSampleId : M-COMB-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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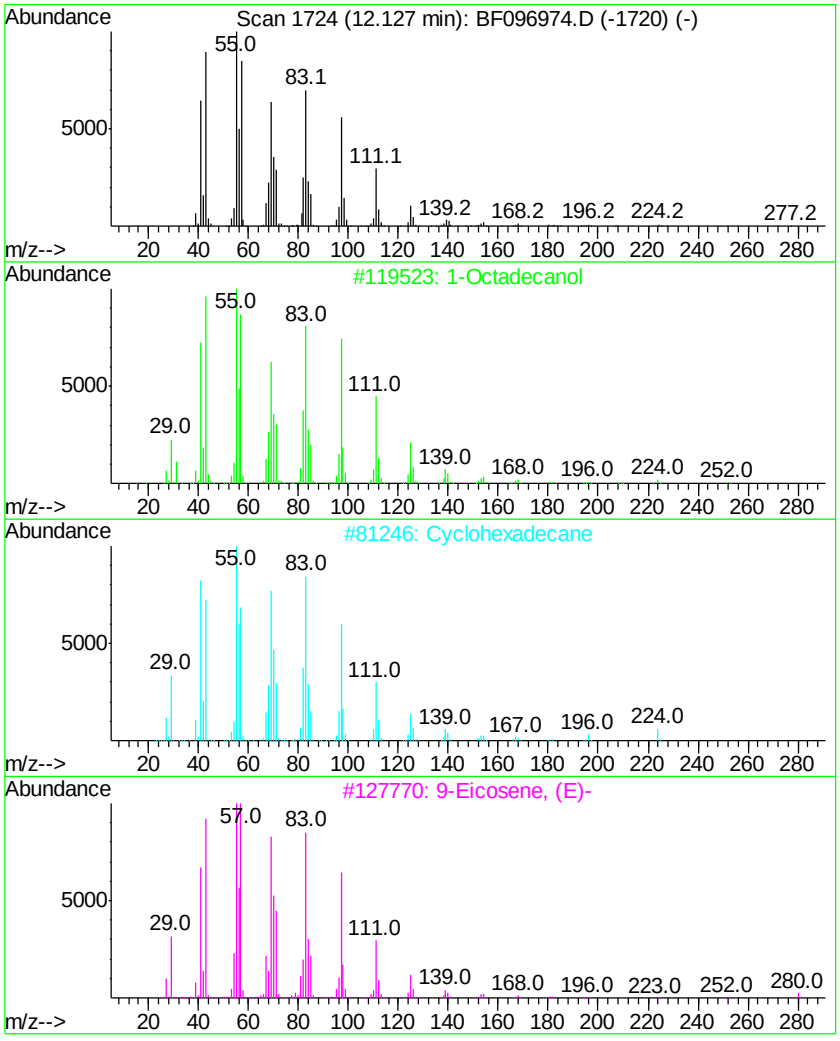
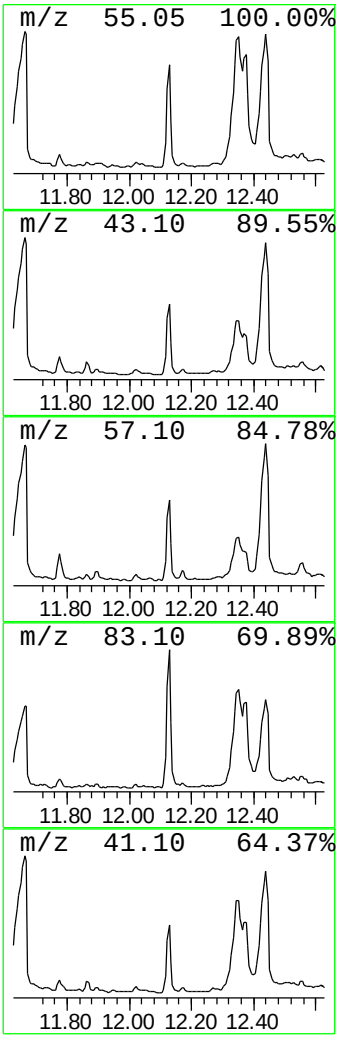
Peak Number 11 1-Octadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	40.72 ng	1757350	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	90
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





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

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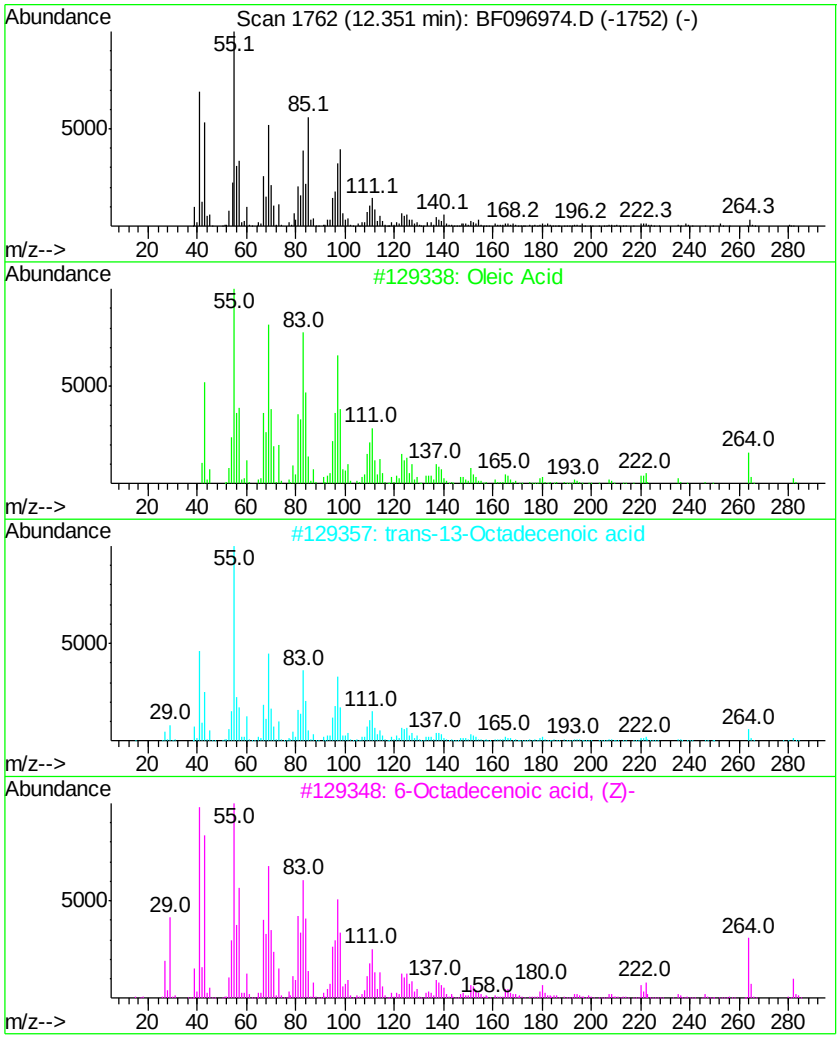
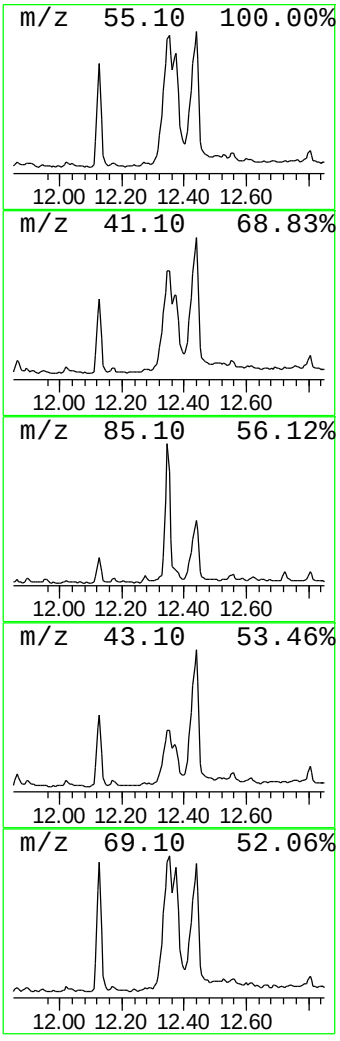
Peak Number 12 Oleic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	113.48 ng	4897210	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	92
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	90
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	64
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	64





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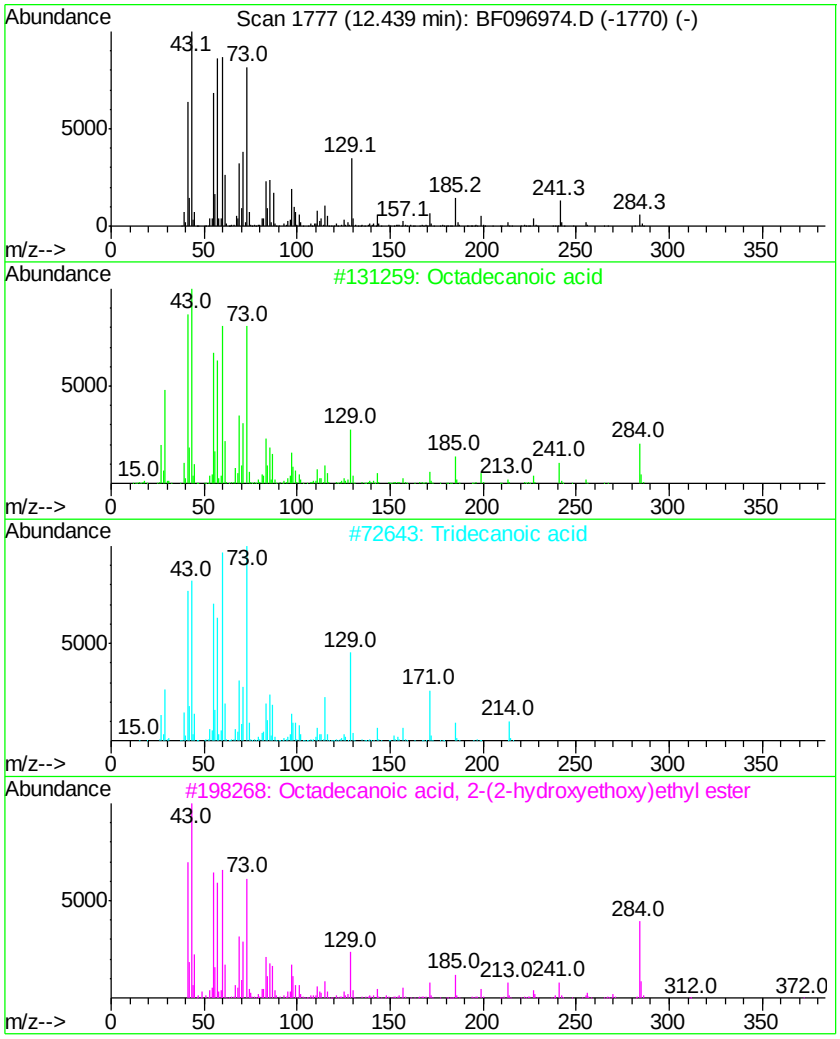
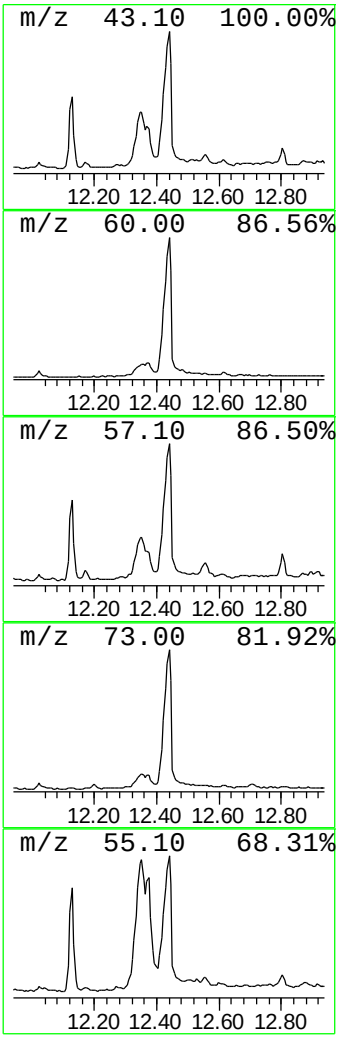
Peak Number 14 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	172.53 ng	5714330	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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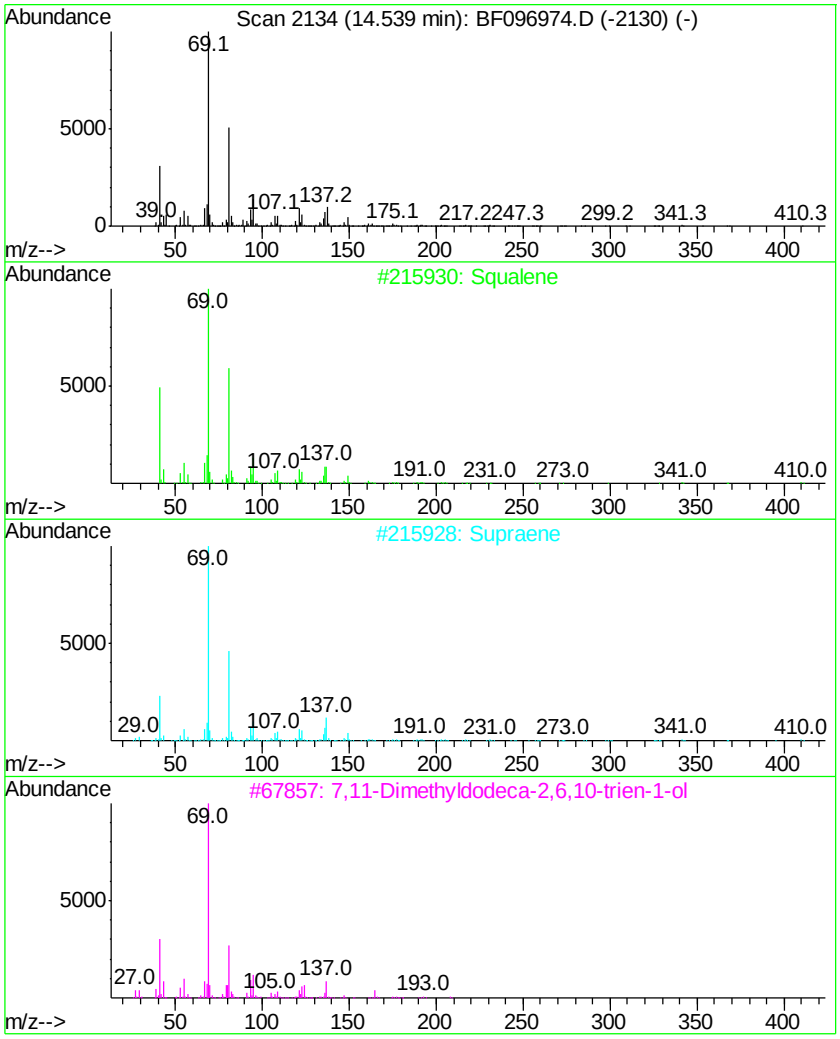
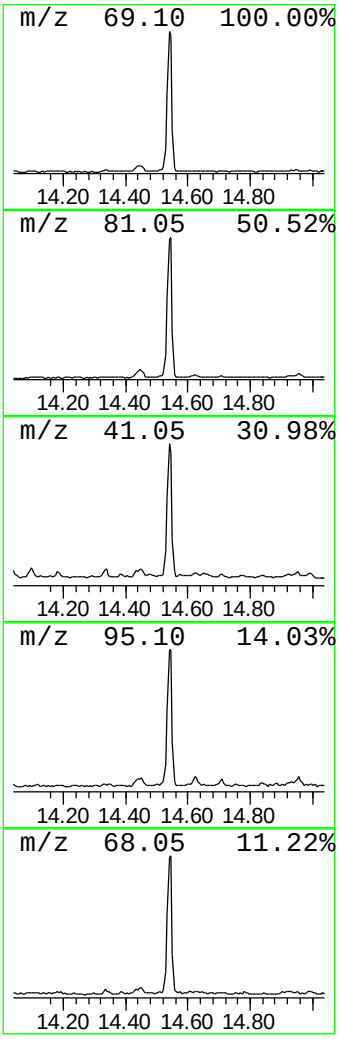
Peak Number 15 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	92.20 ng	2817820	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50





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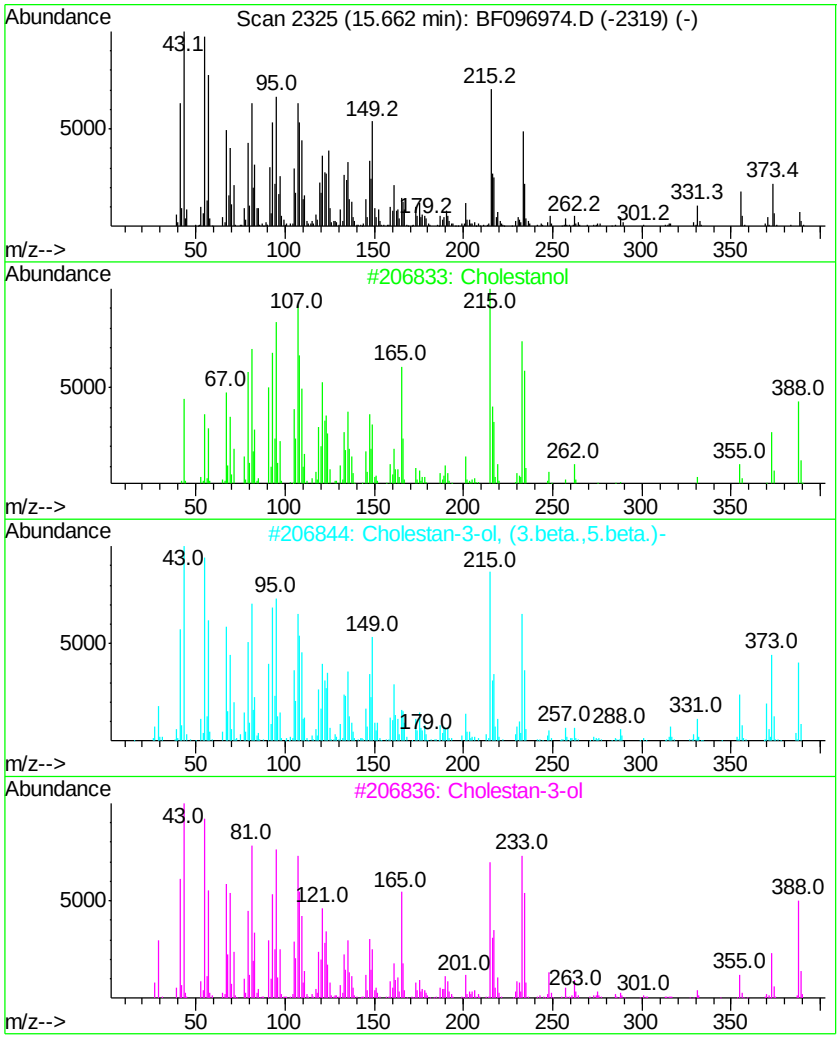
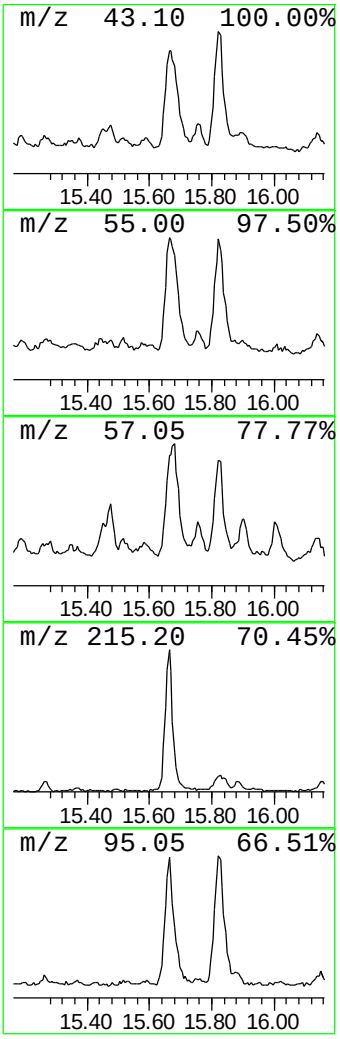
Peak Number 16 Cholestanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	92.97 ng	2841540	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	72
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	64
3	Cholestan-3-ol	388	C27H48O	027409-41-2	42
4	Epicholestanol	388	C27H48O	000516-95-0	38
5	Acetamide, 2-cyano-N-[4-(2,5-dim...	233	C13H19N3O	347328-24-9	30





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TIC Library : C:\DATABASE\NIST11.L
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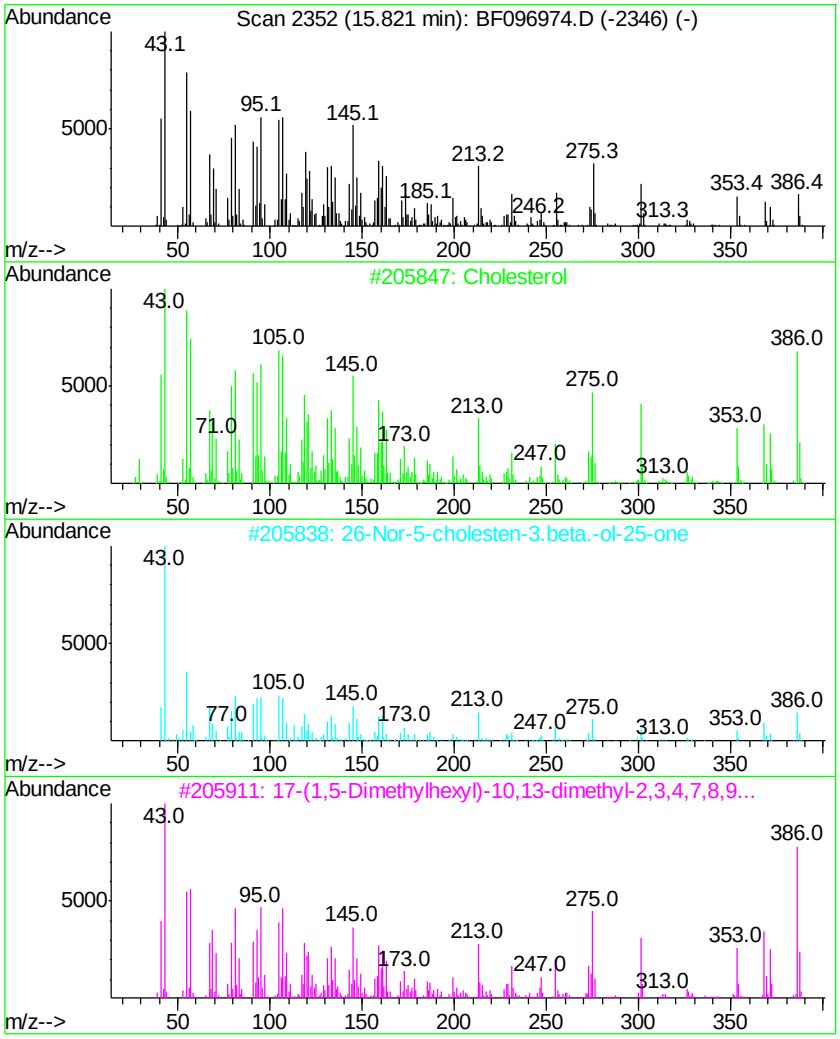
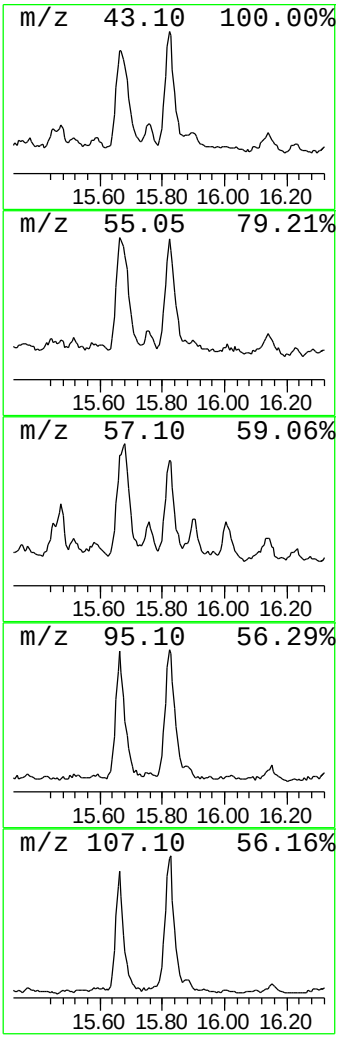
Peak Number 17 Cholesterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	87.54 ng	2675410	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	94
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	94
4	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	62
5	Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	58





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

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TIC Library : C:\DATABASE\NIST11.L
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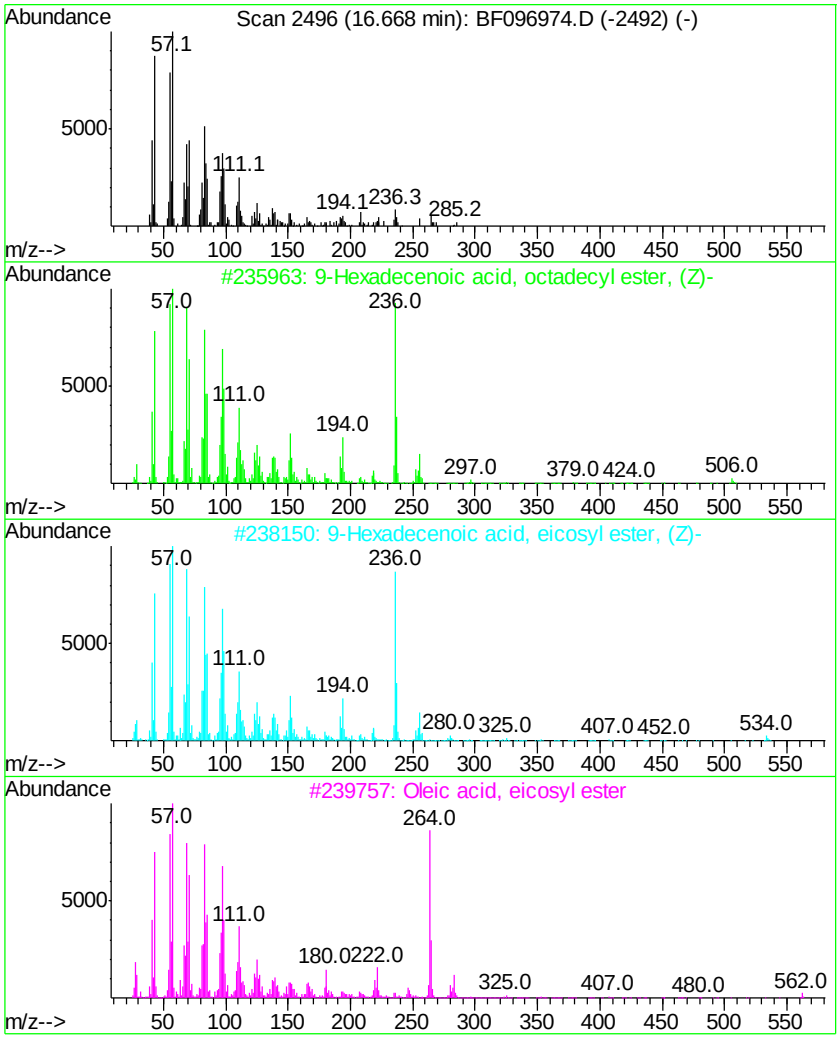
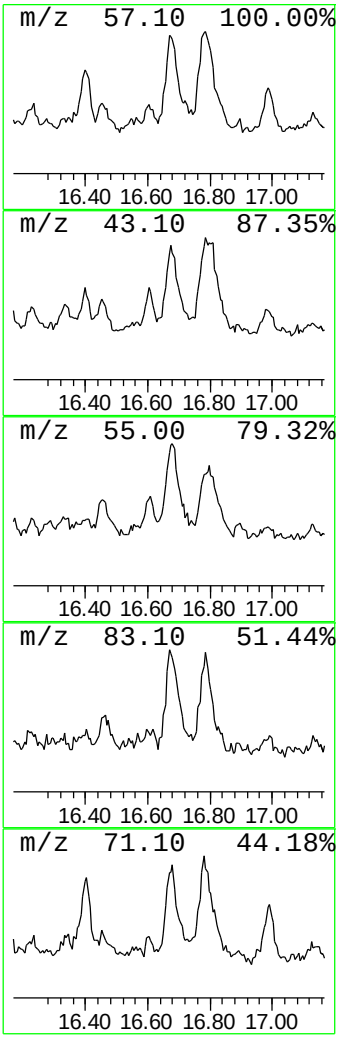
Peak Number 18 9-Hexadecenoic acid, octade... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	19.60 ng	599043	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, octadecyl e...	507	C34H66O2	022393-84-6	91
2	9-Hexadecenoic acid, eicosyl est...	535	C36H70O2	022522-34-5	91
3	Oleic acid, eicosyl ester	563	C38H74O2	022393-88-0	91
4	Oleic Acid	282	C18H34O2	000112-80-1	78
5	17-Pentatriacontene	491	C35H70	006971-40-0	76





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Acq On : 22 Jul 2017 6:57
Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

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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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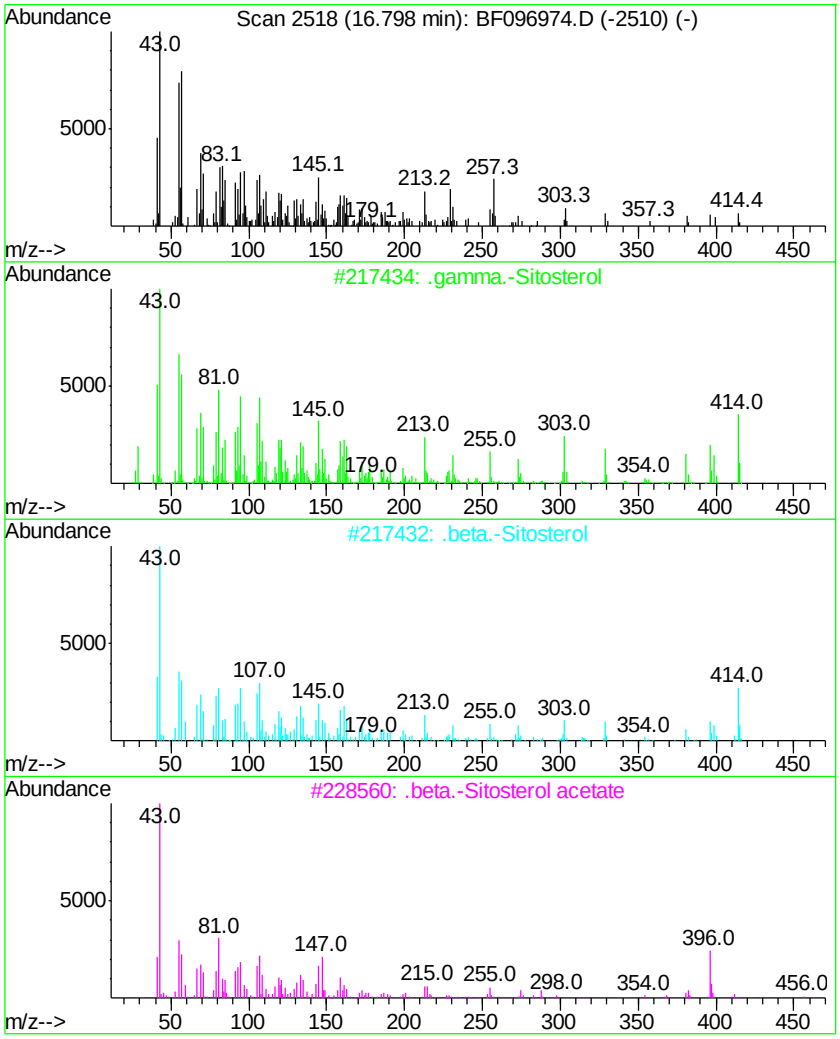
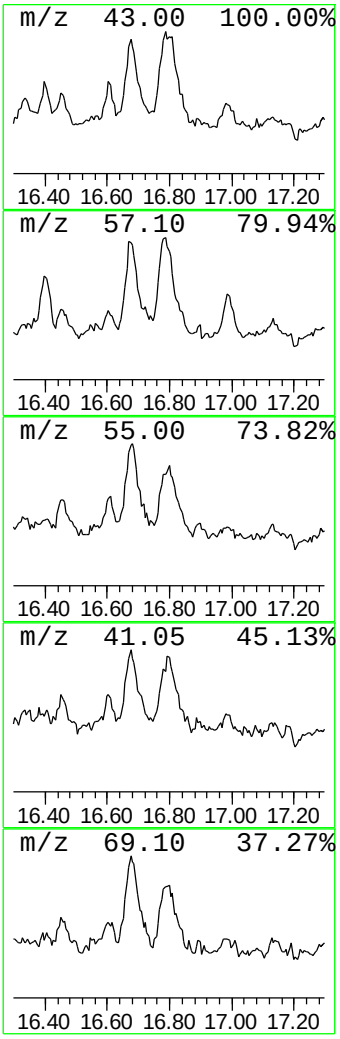
Peak Number 19 .gamma.-Sitosterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	35.04 ng	1070930	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	43
4	Clionasterol acetate	456	C31H52O2	004651-54-1	37
5	5.alpha.Androst-16-ol, 17-ethyli...	414	C27H42O3	1000124-58-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096974.D
Acq On : 22 Jul 2017 6:57
Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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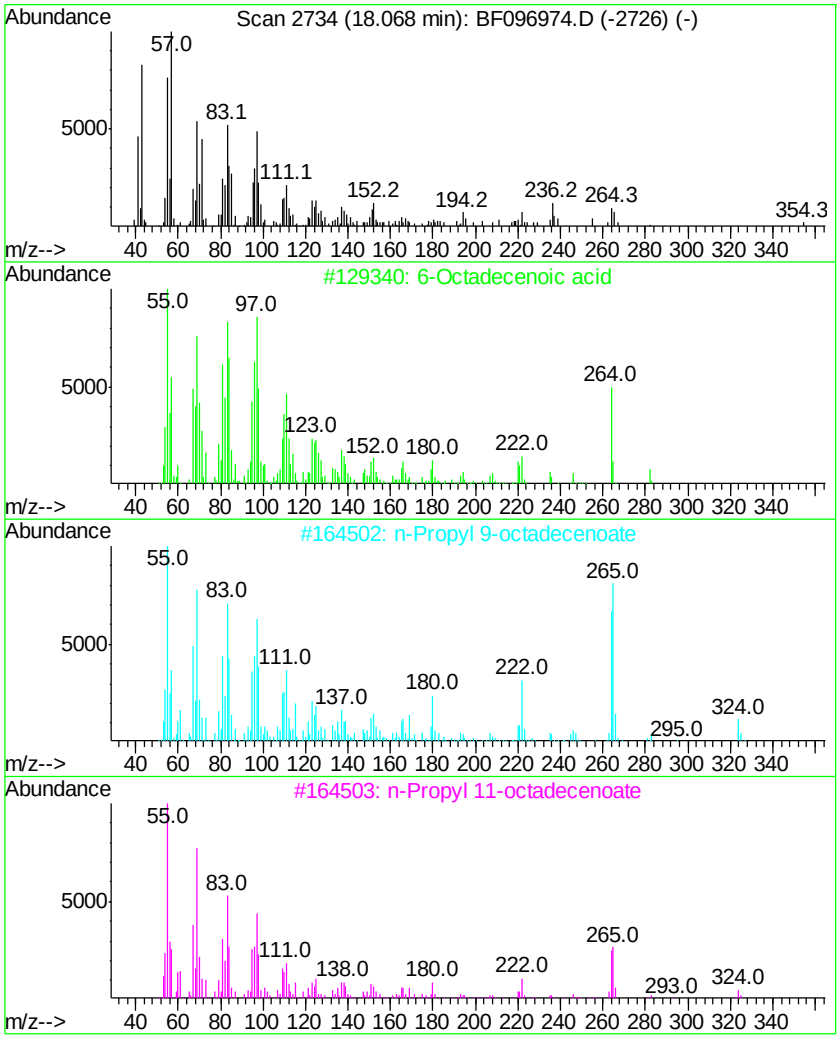
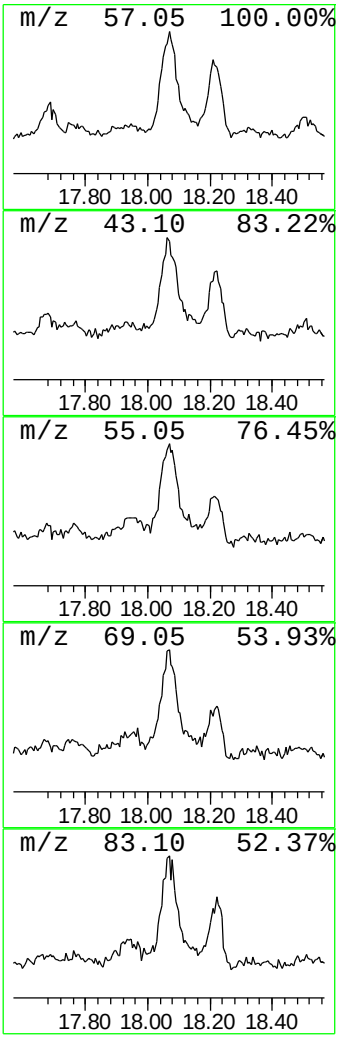
Peak Number 20 6-Octadecenoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	23.54 ng	719478	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	93
2	n-Propyl 9-octadecenoate	324	C21H40O2	1000336-71-6	87
3	n-Propyl 11-octadecenoate	324	C21H40O2	1000336-71-7	87
4	9-Hexadecenoic acid, eicosyl est...	535	C36H70O2	022522-34-5	87
5	9-Hexadecenoic acid, octadecyl e...	507	C34H66O2	022393-84-6	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096974.D
Acq On : 22 Jul 2017 6:57
Operator : SJ/JU
Sample : I4313-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
unknown6.33	6.33	35.3	ng	1516820	1	6.56	858892	20.0
Benzeneacetic acid	8.17	21.6	ng	1180040	2	7.84	1093000	20.0
n-Decanoic acid	8.81	17.5	ng	768332	3	9.59	876873	20.0
1-Decene	9.42	54.4	ng	2383370	3	9.59	876873	20.0
Dodecanoic acid	9.86	78.8	ng	3455560	3	9.59	876873	20.0
unknown10.60	10.60	22.3	ng	963118	4	11.06	863122	20.0
Tetradecanoic acid	10.78	33.7	ng	1454230	4	11.06	863122	20.0
1-Hexadecanol	11.31	42.1	ng	1817210	4	11.06	863122	20.0
cis-9-Hexadecenoi...	11.55	17.0	ng	734788	4	11.06	863122	20.0
n-Hexadecanoic acid	11.66	199.8	ng	8623450	4	11.06	863122	20.0
1-Octadecanol	12.13	40.7	ng	1757350	4	11.06	863122	20.0
Oleic Acid	12.35	113.5	ng	4897210	4	11.06	863122	20.0
Octadecanoic acid	12.44	172.5	ng	5714330	5	13.69	662413	20.0
Squalene	14.54	92.2	ng	2817820	6	15.05	611270	20.0
Cholestanol	15.66	93.0	ng	2841540	6	15.05	611270	20.0
Cholesterol	15.82	87.5	ng	2675410	6	15.05	611270	20.0
9-Hexadecenoic ac...	16.67	19.6	ng	599043	6	15.05	611270	20.0
.gamma.-Sitosterol	16.80	35.0	ng	1070930	6	15.05	611270	20.0
6-Octadecenoic acid	18.07	23.5	ng	719478	6	15.05	611270	20.0