LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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	4.751	467	470	481	rVB	189712	226647	6.63%	0.453%
2	5.204	543	547	557	rVB	220873	224975	6.58%	0.450%
3	5.539	600	604	611	rVB	306371	274388	8.03%	0.549%
4	5.751	635	640	643	rBV	187119	190014	5.56%	0.380%
5	6.245	720	724	733	rBV2	239190	336952	9.86%	0.674%
6	6.369	741	745	750	rBV	449414	388485	11.36%	0.777%
7	6.598	780	784	790	rBV	697741	568227	16.62%	1.137%
8	6.675	793	797	803	rVB	124363	103830	3.04%	0.208%
9	6.757	807	811	814	rVB	1429307	1270094	37.15%	2.541%
10	6.998	847	852	853	rBV	133879	130849	3.83%	0.262%
11	7.016	853	855	862	rVB2	403405	390833	11.43%	0.782%
12	7.163	874	880	883	rBV	1129748	997904	29.19%	1.997%
13	7.222	886	890	893	rVB	142038	126133	3.69%	0.252%
14	7.345	907	911	917	rVB	116510	106880	3.13%	0.214%
15	7.675	960	967	969	rBV2	142795	223930	6.55%	0.448%
16	7.798	982	988	991	rBV	306223	265199	7.76%	0.531%
17	7.880	998	1002	1005	rBV	878584	694113	20.30%	1.389%
18	7.910	1005	1007	1011	rVB2	142146	145230	4.25%	0.291%
19	8.016	1021	1025	1027	rBV	212125	175090	5.12%	0.350%
20	8.045	1027	1030	1039	rVB	571911	547200	16.01%	1.095%
21	8.145	1044	1047	1049	rVV	123689	112383	3.29%	0.225%
22	8.175	1049	1052	1055	rVV	128385	152997	4.48%	0.306%
23	8.522	1108	1111	1119	rVB	416702	371502	10.87%	0.743%
24	8.833	1156	1164	1167	rBV3	197451	271858	7.95%	0.544%
25	8.957	1181	1185	1188	rBV	1987805	1784791	52.21%	3.571%
26	9.057	1198	1202	1210	rVB2	80939	121870	3.57%	0.244%
27	9.351	1249	1252	1256	rBV	100335	105286	3.08%	0.211%
28	9.451	1265	1269	1273	rBV	1501532	1266491	37.05%	2.534%
29	9.616	1293	1297	1298	rBV	616451	701337	20.52%	1.403%
30	9.627	1298	1299	1303	rVV2	786116	557275	16.30%	1.115%
31	9.692	1303	1310	1319	rVB	289644	774712	22.66%	1.550%
32	9.874	1336	1341	1344	rBV	232056	282940	8.28%	0.566%
33	9.963	1353	1356	1359	rBV	267325	234002	6.85%	0.468%
34	10.345	1417	1421	1424	rVB2	182690	174056	5.09%	0.348%

LSC Area Percent Report

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Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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	10.416	1429	1433	1436	rBV	226630	246317	7.21%	0.493%
36	10.451	1436	1439	1443	rVV	945593	795434	23.27%	1.592%
37	10.551	1453	1456	1458	rVV	87523	110074	3.22%	0.220%
38	10.580	1458	1461	1464	rVV	458548	391296	11.45%	0.783%
39	10.639	1464	1471	1479	rVV	546812	641567	18.77%	1.284%
40	10.804	1493	1499	1504	rBV4	192491	284666	8.33%	0.570%
41	10.910	1514	1517	1523	rVV	583942	511795	14.97%	1.024%
42	11.104	1541	1550	1553	rBV	699047	829320	24.26%	1.659%
43	11.286	1578	1581	1587	rVB	445816	380178	11.12%	0.761%
44	11.351	1588	1592	1595	rBV	1206180	1144365	33.48%	2.290%
45	11.457	1607	1610	1614	rBV	148463	205697	6.02%	0.412%
46	11.521	1619	1621	1625	rVB	253767	199749	5.84%	0.400%
47	11.686	1640	1649	1657	rBV	1651640	2553773	74.71%	5.110%
48	11.815	1667	1671	1674	rBV	163332	179647	5.26%	0.359%
49	11.933	1688	1691	1696	rVB	197513	174340	5.10%	0.349%
50	12.080	1709	1716	1727	rVB5	145011	313924	9.18%	0.628%
51	12.168	1727	1731	1735	rBV	1320486	1320395	38.63%	2.642%
52	12.245	1741	1744	1748	rVB2	80041	103252	3.02%	0.207%
53	12.380	1760	1767	1769	rBV	817255	1154871	33.78%	2.311%
54	12.404	1769	1771	1776	rVV	458264	557291	16.30%	1.115%
55	12.463	1776	1781	1791	rVB	1115571	1511839	44.23%	3.025%
56	12.592	1799	1803	1805	rBV	264430	238444	6.98%	0.477%
57	12.692	1816	1820	1822	rBV	1472631	1348432	39.45%	2.698%
58	12.715	1822	1824	1827	rVV	129528	118267	3.46%	0.237%
59	12.839	1842	1845	1849	rVB	227735	241115	7.05%	0.482%
60	12.910	1854	1857	1860	rVV4	112602	138272	4.04%	0.277%
61	12.957	1860	1865	1872	rVV2	187344	358311	10.48%	0.717%
62	13.010	1872	1874	1877	rVB	153957	124801	3.65%	0.250%
63	13.262	1914	1917	1919	rBV2	84215	113510	3.32%	0.227%
64	13.527	1958	1962	1969	rVB2	225445	307081	8.98%	0.614%
65	13.604	1970	1975	1978	rBV	259217	335372	9.81%	0.671%
66	13.639	1978	1981	1984	rVV	279291	269232	7.88%	0.539%
67	13.704	1989	1992	1994	rVV	99565	103130	3.02%	0.206%
68	13.733	1994	1997	1999	rVV	597149	591459	17.30%	1.183%
69	13.751	1999	2000	2003	rVB	199503	148151	4.33%	0.296%
70	13.857	2015	2018	2022	rVB	204566	198306	5.80%	0.397%
71	13.921	2026	2029	2032	rVB	110963	108631	3.18%	0.217%

LSC Area Percent Report

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Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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

72	14.074	2052	2055	2058	rVB	146605	158641	4.64%	0.317%
73	14.139	2063	2066	2068	rVV3	177218	189655	5.55%	0.379%
74	14.156	2068	2069	2076	rVB4	136251	144041	4.21%	0.288%
75	14.221	2077	2080	2084	rBV	114748	109939	3.22%	0.220%
76	14.374	2103	2106	2112	rVB	741448	686750	20.09%	1.374%
77	14.427	2112	2115	2117	rBV	190238	181862	5.32%	0.364%
78	14.492	2121	2126	2128	rBV2	99260	132173	3.87%	0.264%
79	14.586	2137	2142	2145	rBV	2699028	2820348	82.50%	5.643%
80	14.674	2154	2157	2158	rBV	172961	167807	4.91%	0.336%
81	14.739	2166	2168	2174	rVB3	123504	153088	4.48%	0.306%
82	14.815	2178	2181	2184	rBV	91353	109100	3.19%	0.218%
83	14.851	2184	2187	2190	rVV3	110308	113732	3.33%	0.228%
84	15.009	2211	2214	2217	rVV3	158989	202515	5.92%	0.405%
85	15.045	2217	2220	2225	rVB	263271	327214	9.57%	0.655%
86	15.104	2226	2230	2235	rVB	304802	369164	10.80%	0.739%
87	15.409	2278	2282	2285	rBV2	104929	131665	3.85%	0.263%
88	15.733	2331	2337	2348	rBV4	1174924	3216067	94.08%	6.435%
89	15.827	2348	2353	2357	rVB2	197870	362065	10.59%	0.724%
90	15.898	2357	2365	2374	rBV	1628048	3418470	100.00%	6.840%
91	16.080	2392	2396	2405	rVB2	57119	133570	3.91%	0.267%
92	16.215	2415	2419	2429	rVB6	164582	397974	11.64%	0.796%
93	16.427	2450	2455	2461	rBV9	54137	106682	3.12%	0.213%
94	16.539	2470	2474	2481	rVB3	135899	281409	8.23%	0.563%
95	16.698	2495	2501	2506	rBV5	161483	338575	9.90%	0.677%
96	16.774	2506	2514	2522	rVB2	318196	720736	21.08%	1.442%
97	16.880	2525	2532	2534	rBV3	313411	658294	19.26%	1.317%
98	17.421	2619	2624	2636	rVB6	106943	305210	8.93%	0.611%
99	18.197	2747	2756	2772	rVV2	292784	1059342	30.99%	2.120%
100	18.339	2775	2780	2792	rVB5	110348	331095	9.69%	0.662%

Sum of corrected areas: 49977960

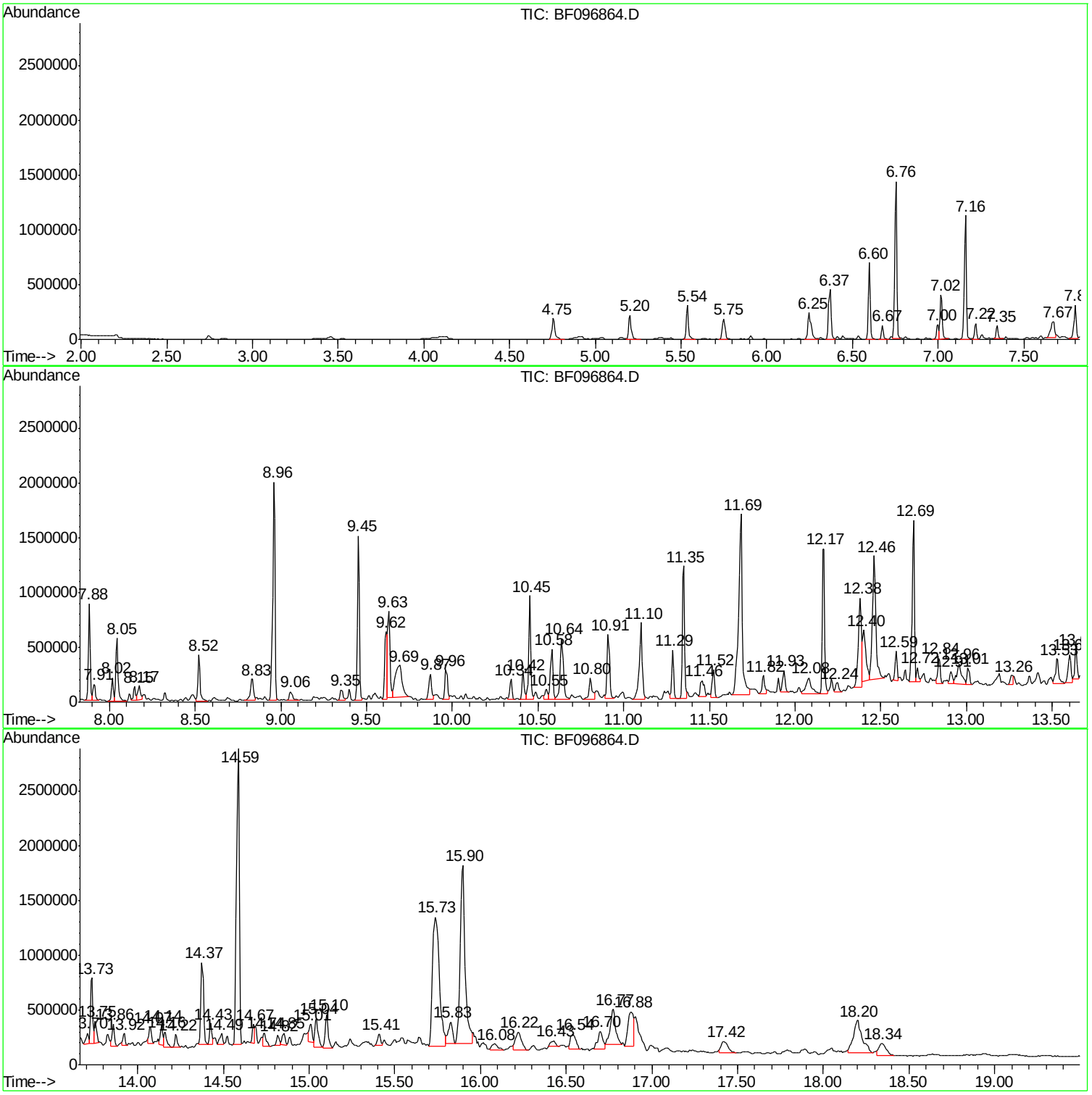
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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

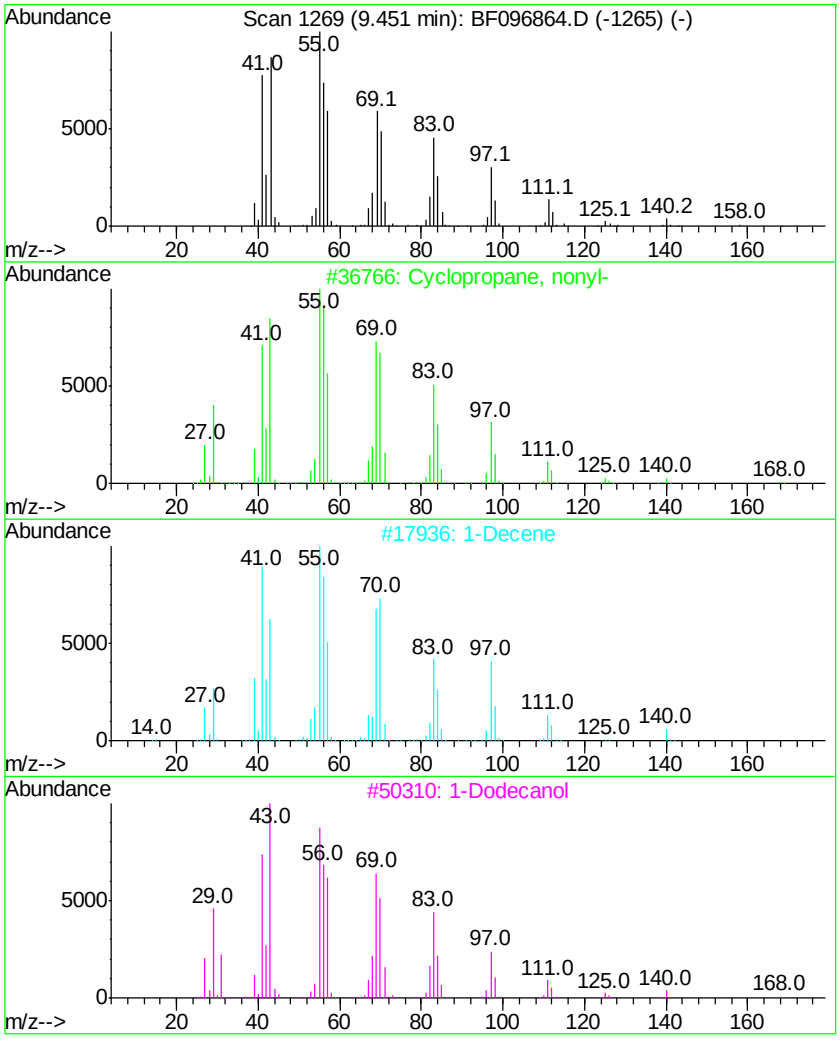
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

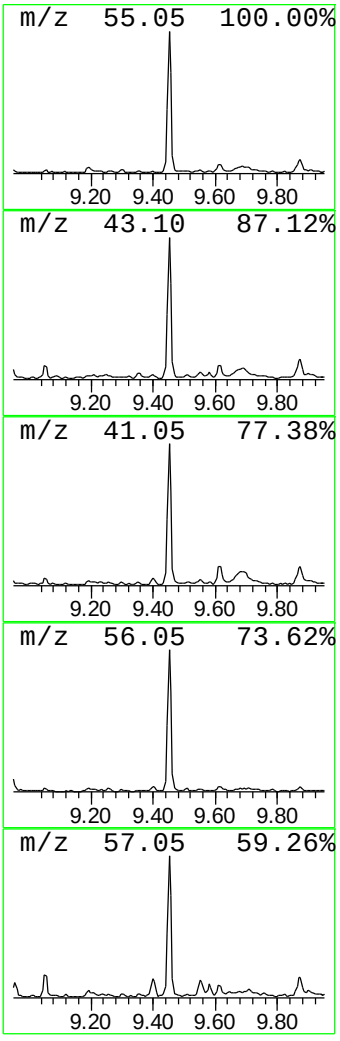
****

Peak Number 1 Cyclopropane, nonyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	45.45 ng	1266490	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, nonyl-	168	C12H24	074663-85-7	96
2	1-Decene	140	C10H20	000872-05-9	93
3	1-Dodecanol	186	C12H26O	000112-53-8	91
4	2-Dodecene, (Z)-	168	C12H24	007206-26-0	90
5	1-Dodecene	168	C12H24	000112-41-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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

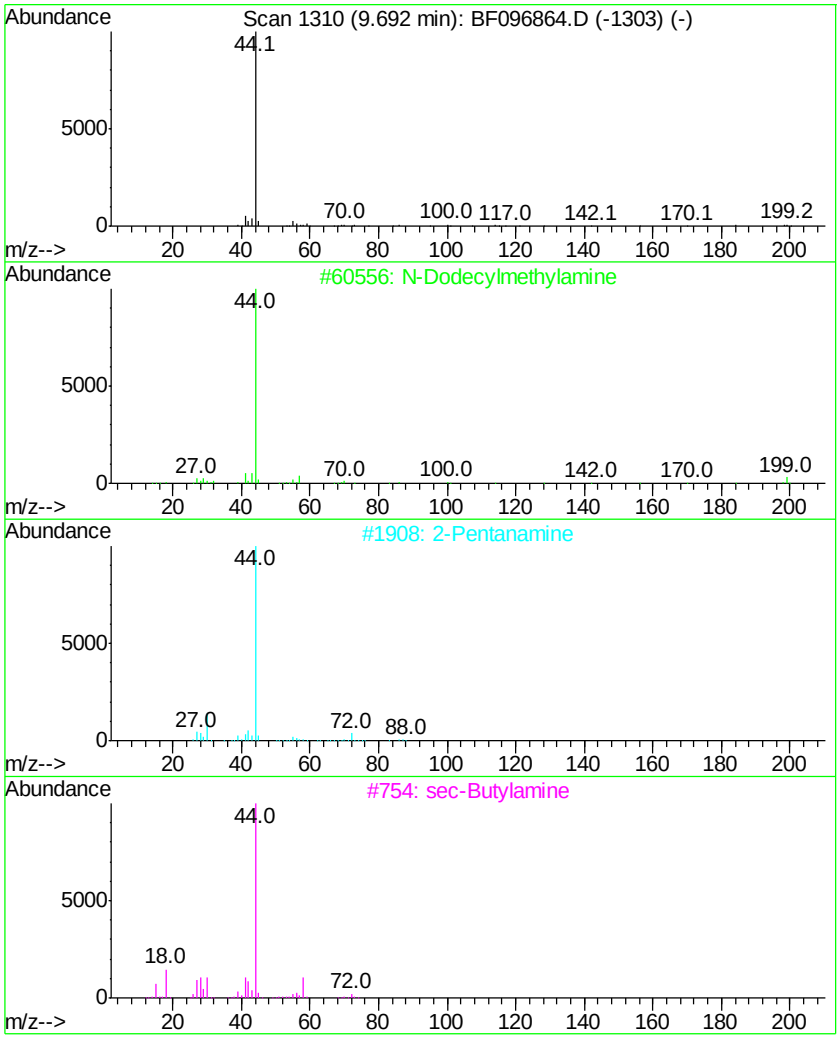
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

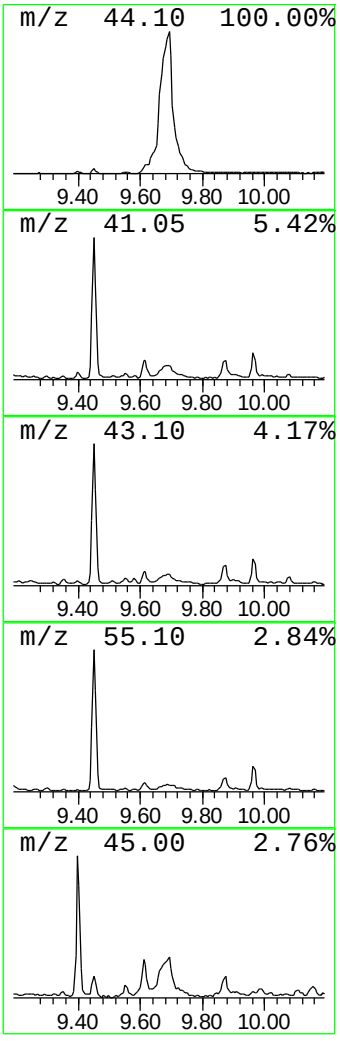
****

Peak Number 2 N-Dodecylmethylamine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	27.80 ng	774712	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Dodecylmethylamine	199	C13H29N	1000342-26-1	72
2	2-Pentanamine	87	C5H13N	063493-28-7	39
3	sec-Butylamine	73	C4H11N	013952-84-6	9
4	(2-Aziridinylethyl)amine	86	C4H10N2	004025-37-0	9
5	(+)-2-Aminoheptane	115	C7H17N	006240-90-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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

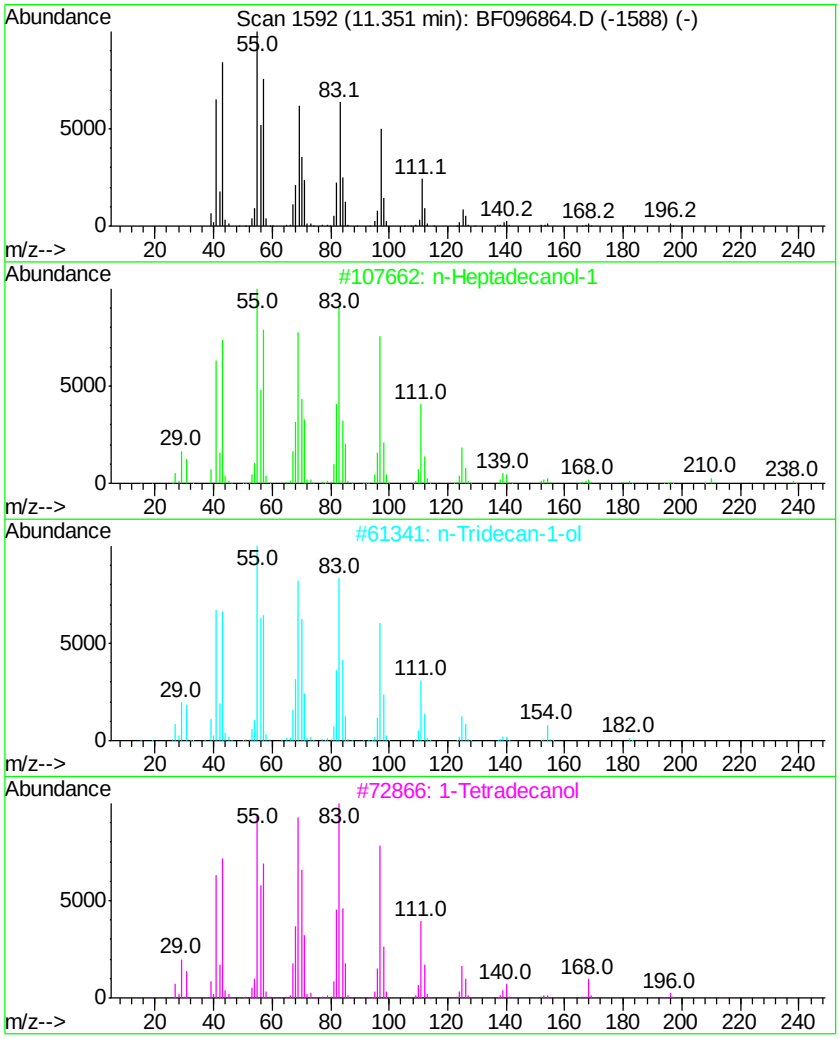
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

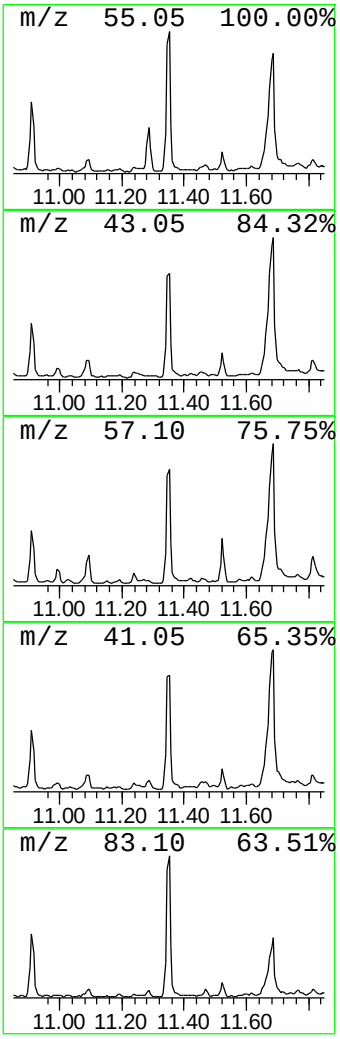
****

Peak Number 3 n-Heptadecanol-1 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	27.60 ng	1144370	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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

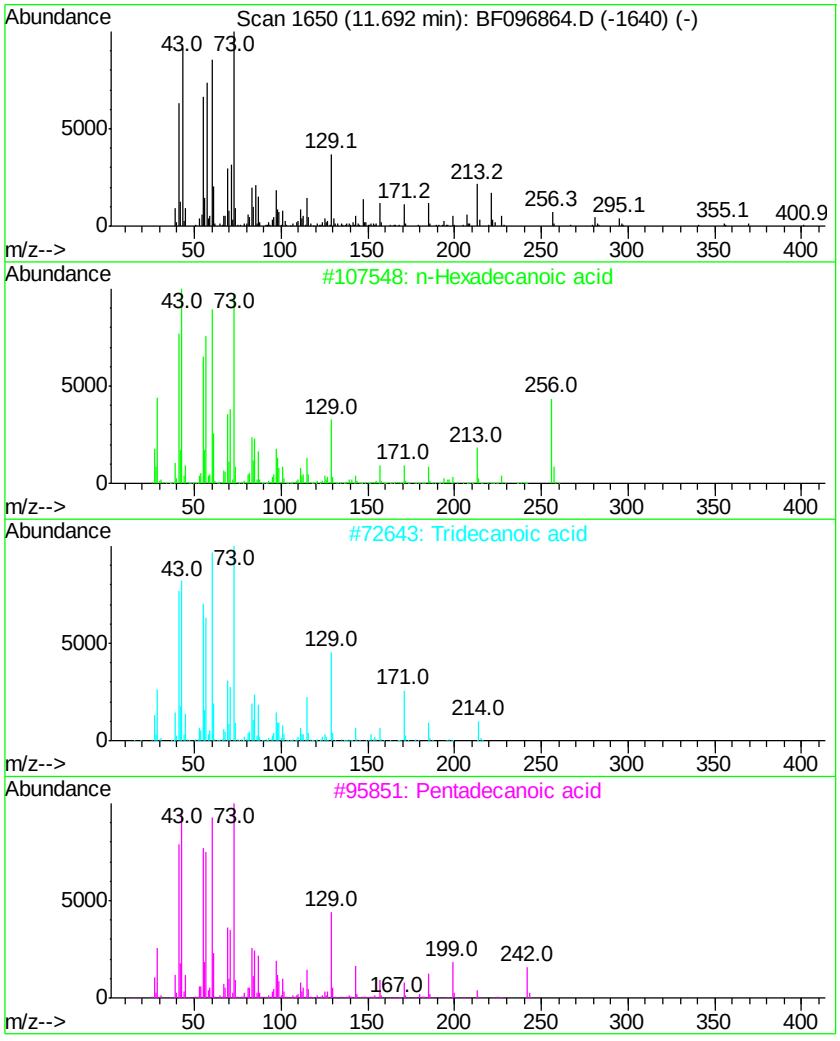
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

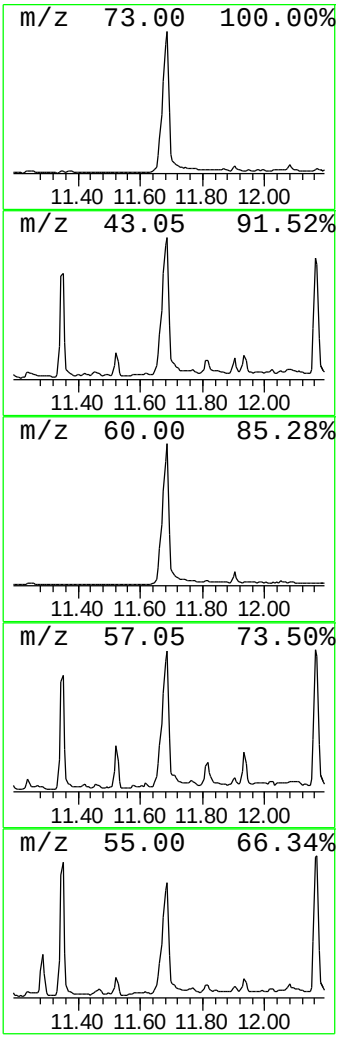
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	61.59 ng	2553770	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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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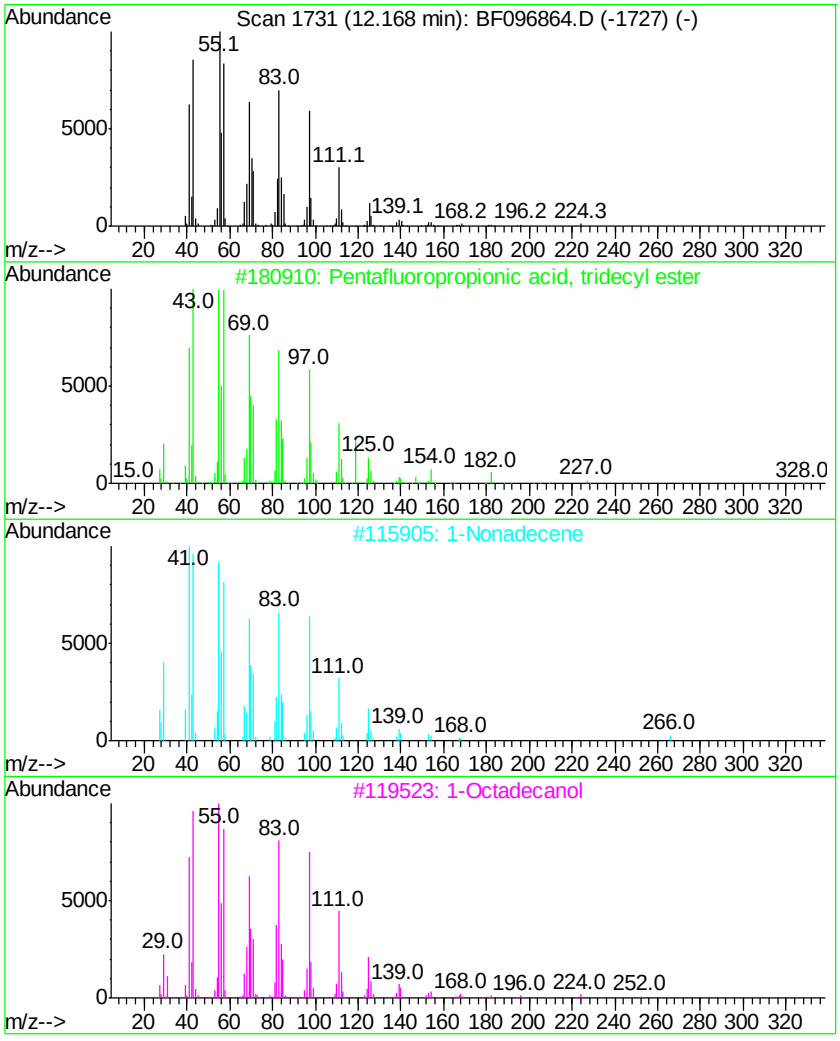
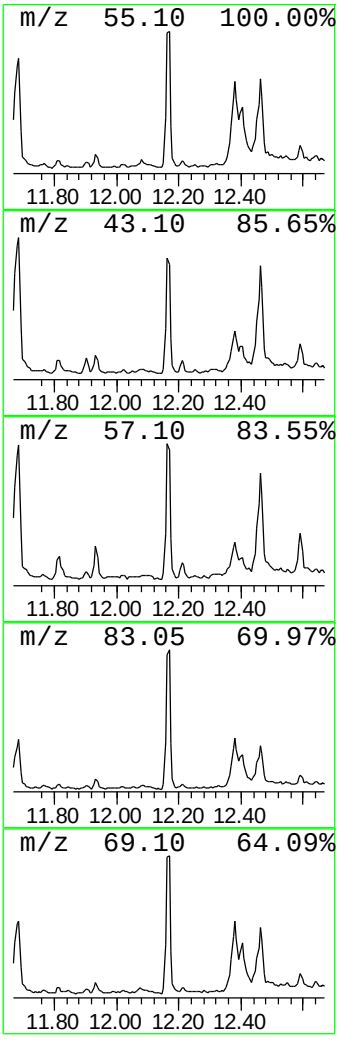
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	31.84 ng	1320400	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	Cyclohexadecane	224	C16H32	000295-65-8	91
5	n-Pentadecanol	228	C15H32O	000629-76-5	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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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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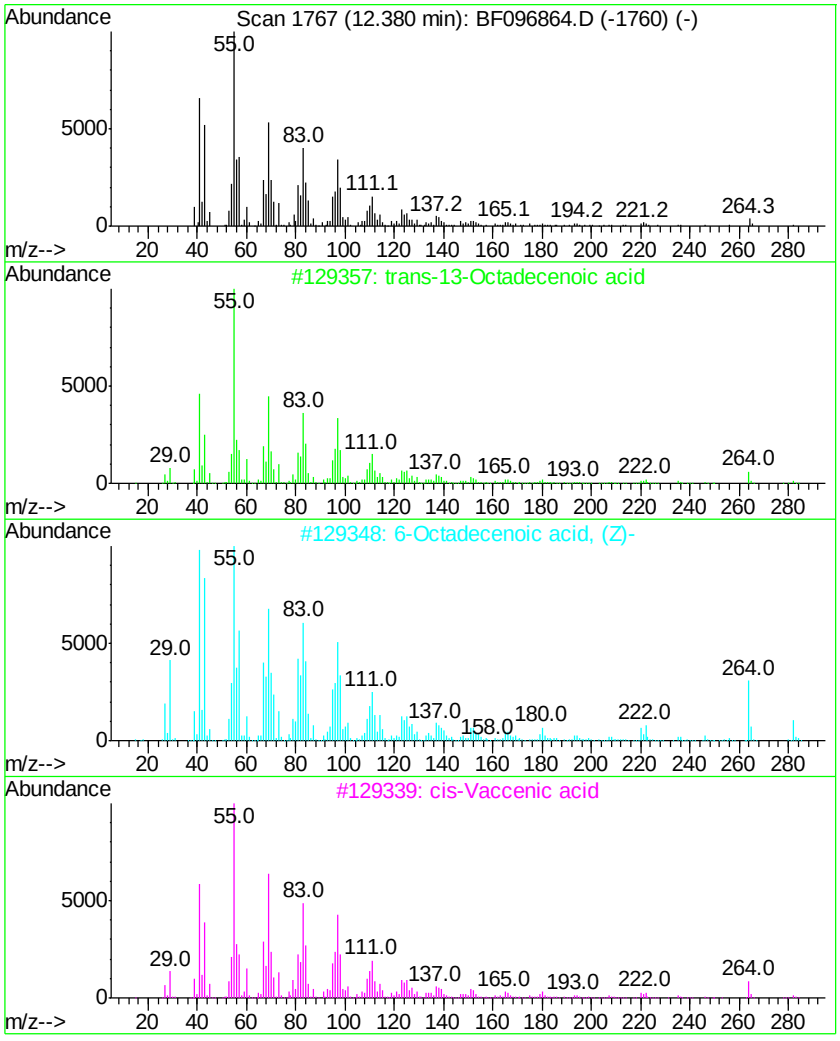
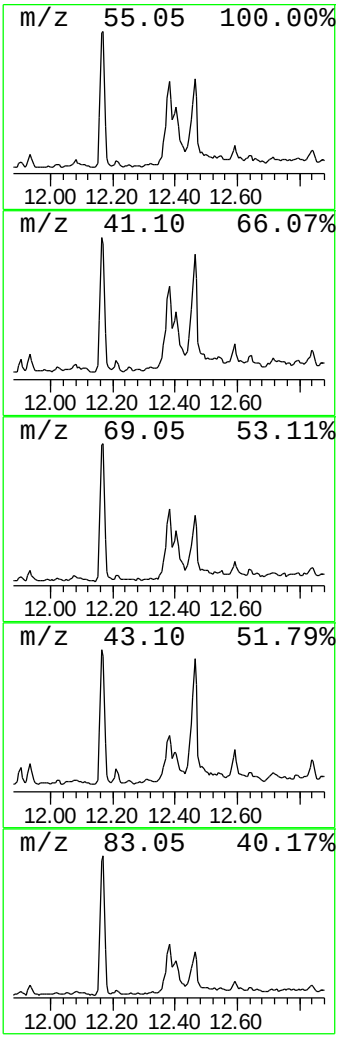
Peak Number 6 trans-13-Octadecenoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	27.85 ng	1154870	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	93
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91





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Sample : I4234-02
Misc :
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ClientSampleId : M-COMB-07

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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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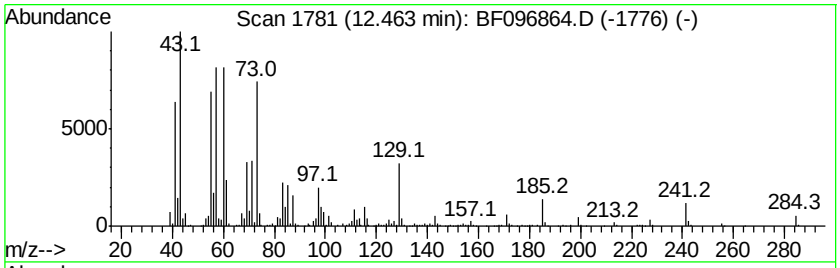
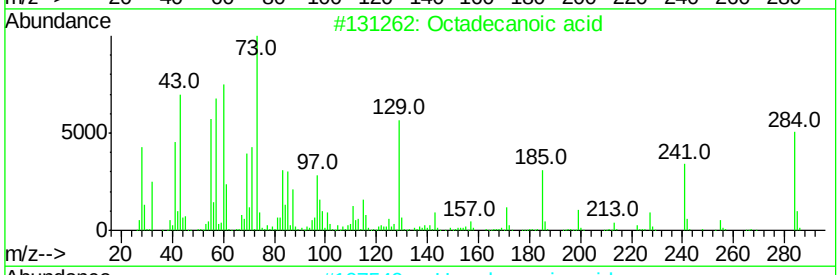
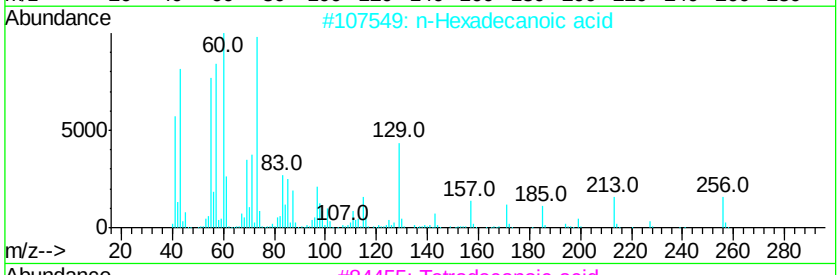
Peak Number 7 Octadecanoic acid Concentration Rank 6

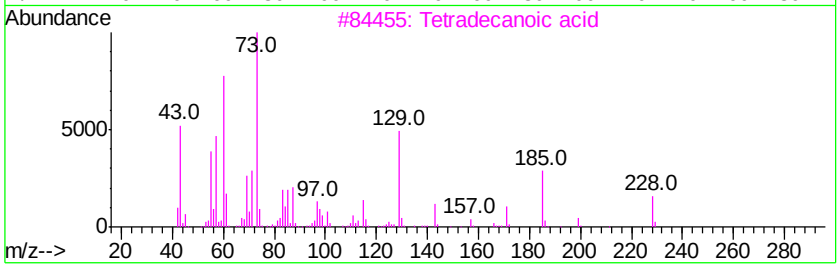
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	51.12 ng	1511840	Chrysene-d12	13.73

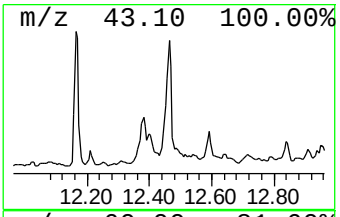
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50

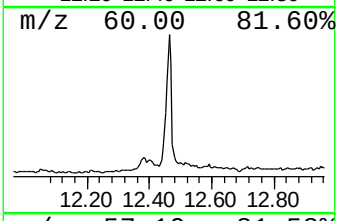


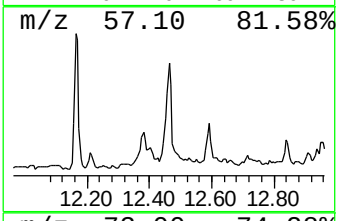


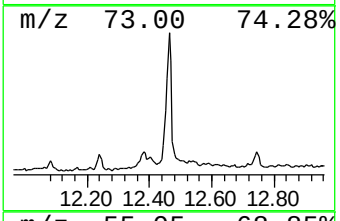


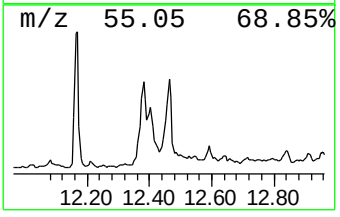












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Sample : I4234-02
Misc :
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Instrument : BNA_F
ClientSampleId : M-COMB-07

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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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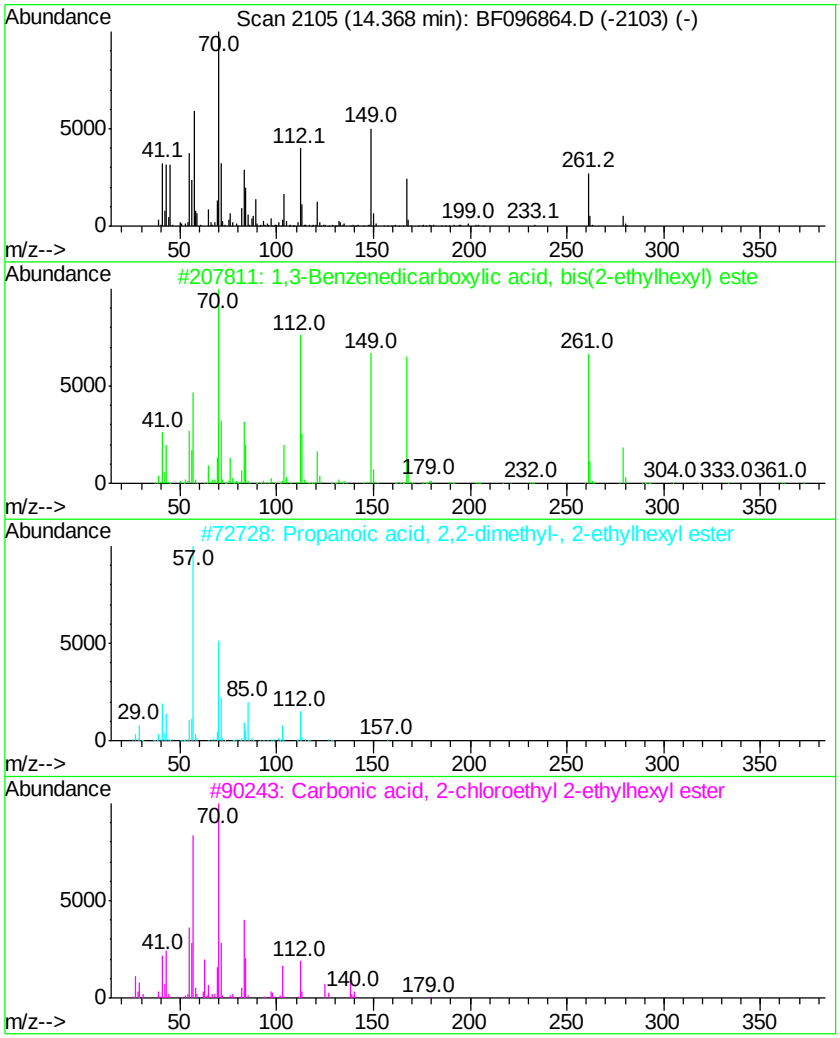
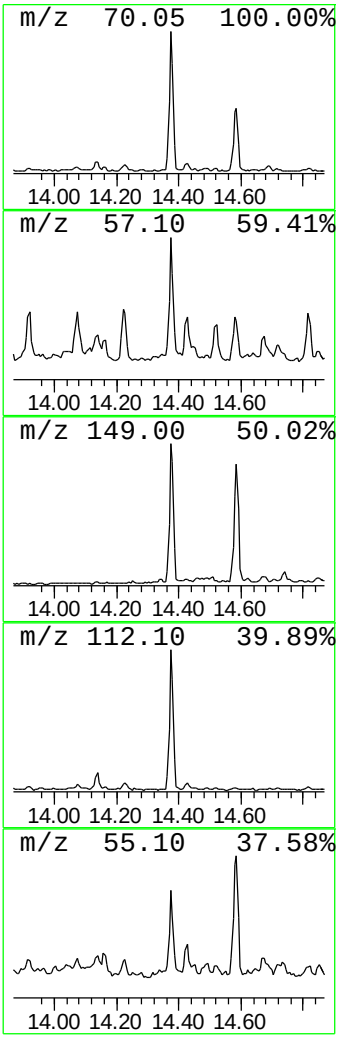
Peak Number 8 1,3-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	23.22 ng	686750	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	50
2	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	35
3	Carbonic acid, 2-chloroethyl 2-e...	236	C11H21ClO3	1000357-88-2	27
4	2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	16
5	Diisooctyl phthalate	390	C24H38O4	000131-20-4	14





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

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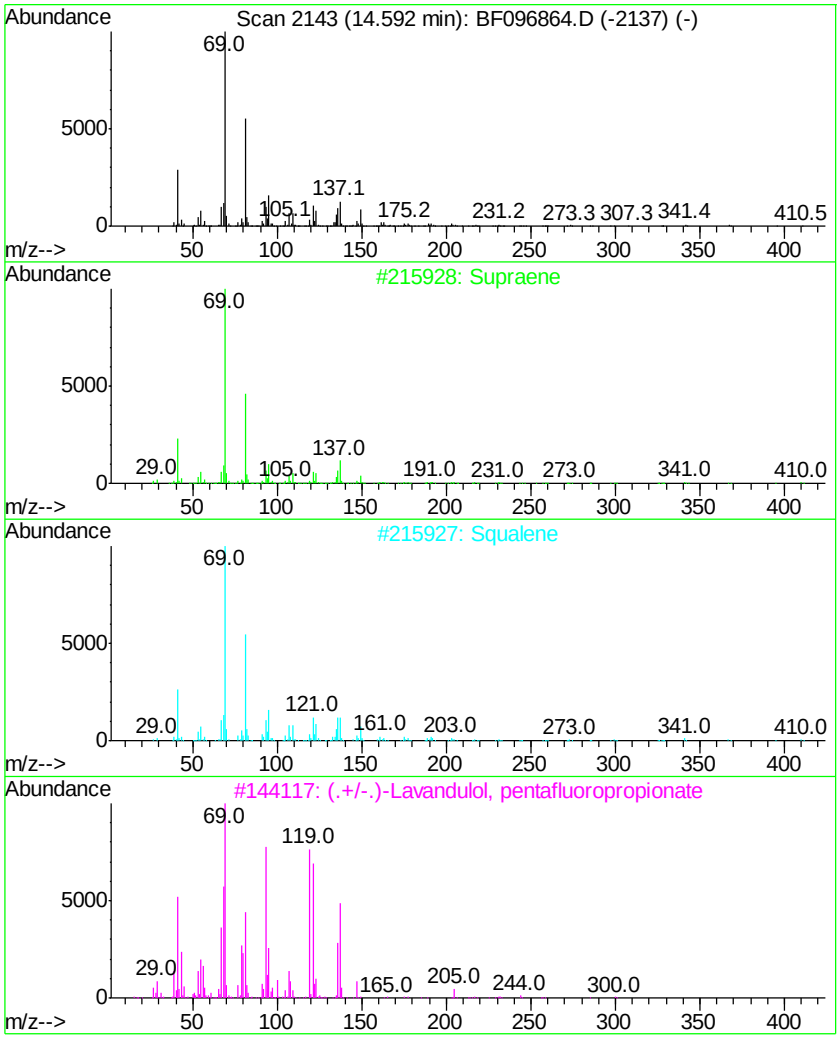
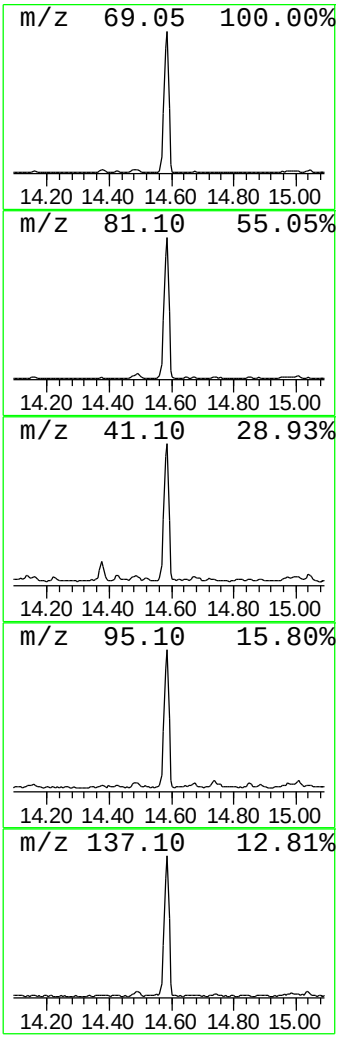
Peak Number 9 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	152.80 ng	2820350	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50





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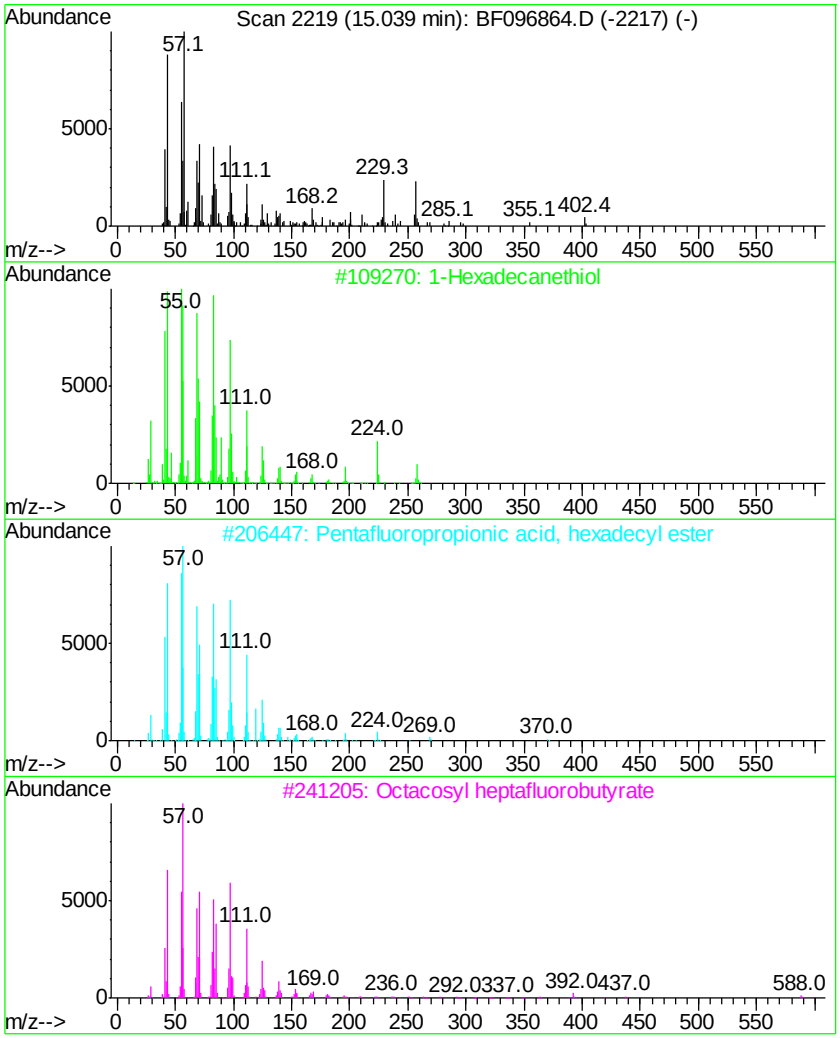
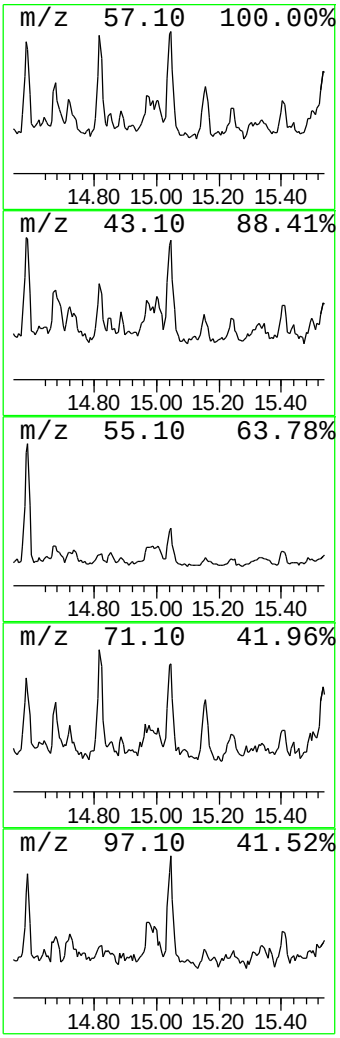
Peak Number 10 1-Hexadecanethiol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	17.73 ng	327214	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanethiol	258	C16H34S	002917-26-2	78
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	70
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	70
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	70
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	70





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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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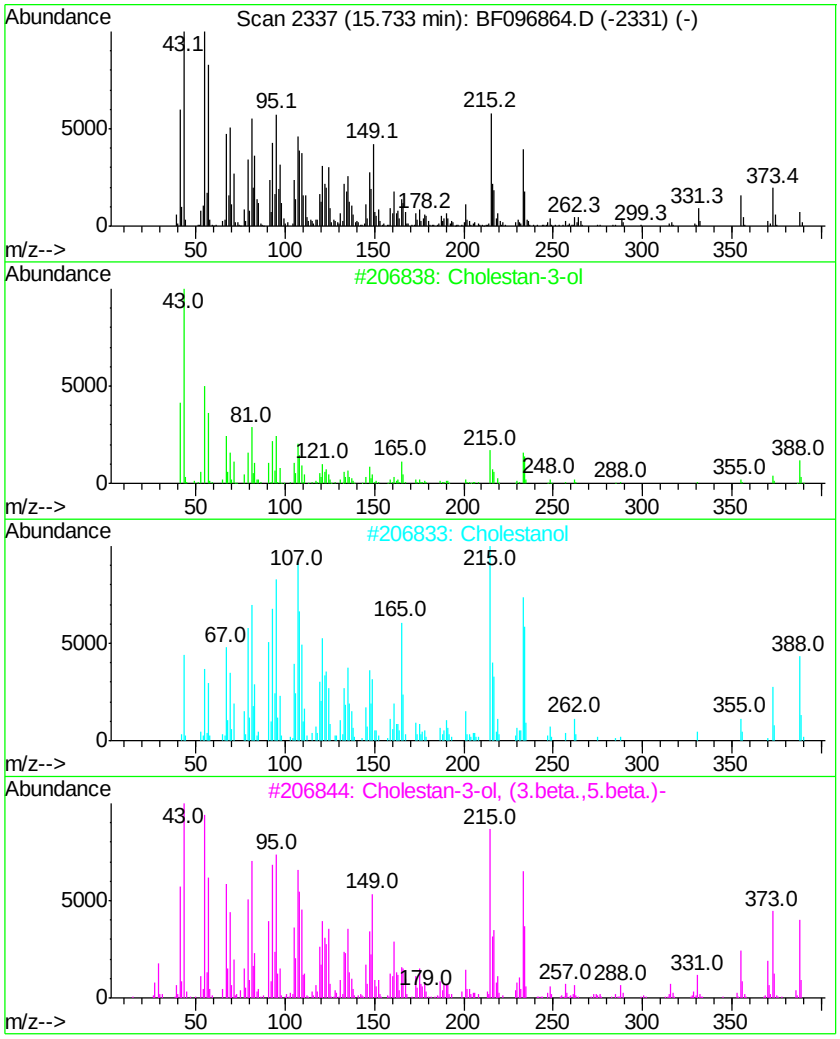
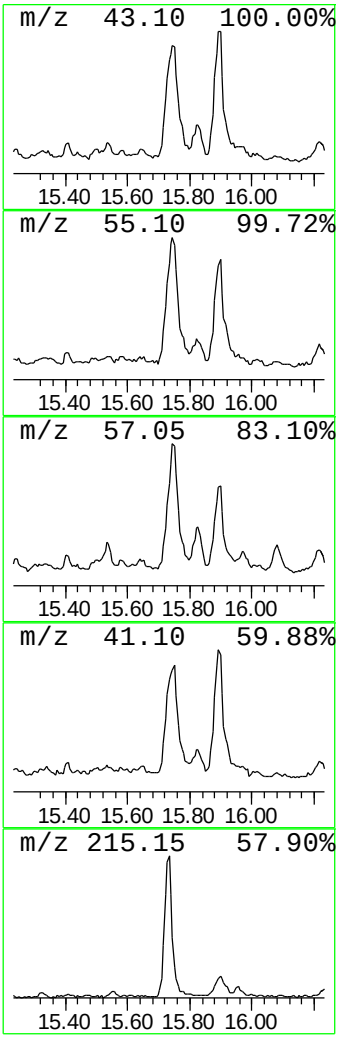
Peak Number 11 Cholestan-3-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	174.24 ng	3216070	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol	388	C27H48O	027409-41-2	93
2	Cholestanol	388	C27H48O	000080-97-7	72
3	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	64
4	Epicholestanol	388	C27H48O	000516-95-0	22
5	Pentanenitrile, 2-(4-fluoropheny...	233	C12H12FN3O	1000269-22-3	10





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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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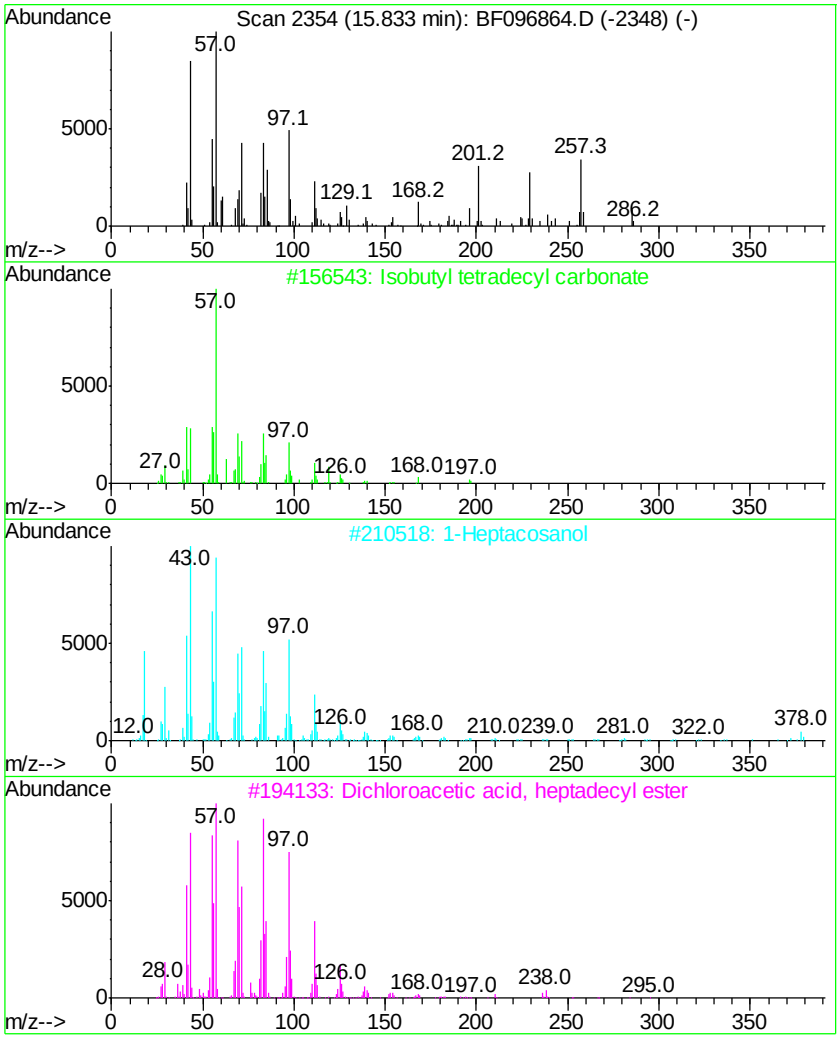
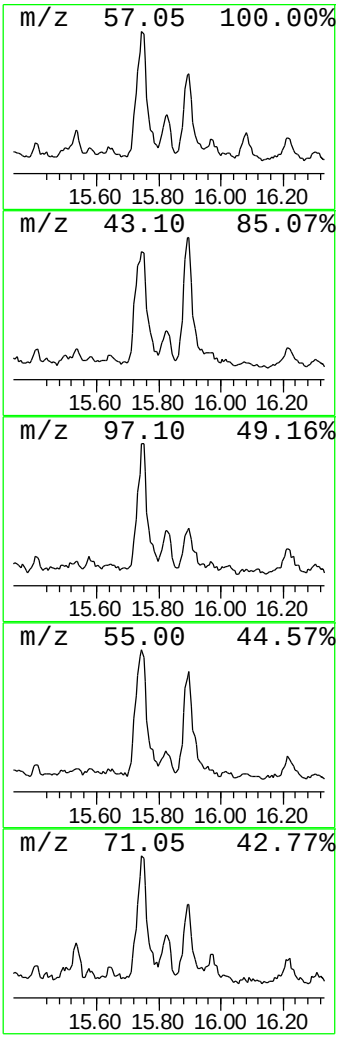
Peak Number 12 Isobutyl tetradecyl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	19.62 ng	362065	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	68
2	1-Heptacosanol	396	C27H56O	002004-39-9	64
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	59
4	1-Tetradecyl acetate	256	C16H32O2	000638-59-5	53
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	53





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TIC Library : C:\DATABASE\NIST11.L
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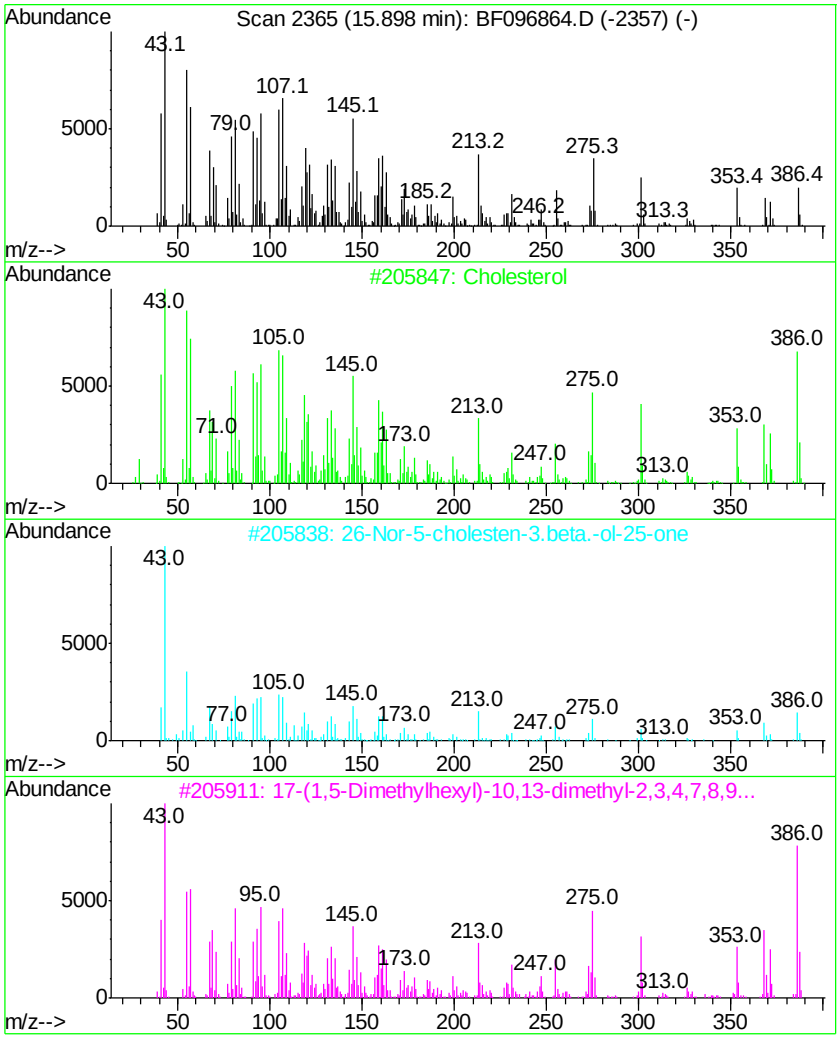
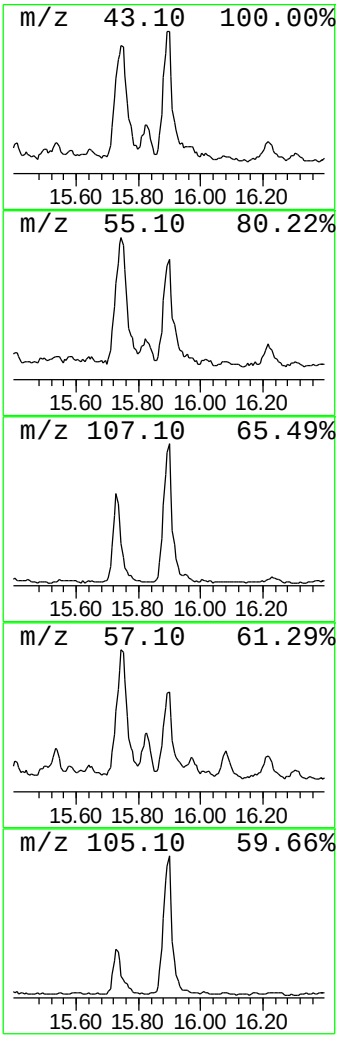
Peak Number 13 Cholesterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	185.20 ng	3418470	Perylene-d12	15.10

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	98
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	86
4	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	51
5	Cholest-5-en-3-ol (3.beta.)-, te...	597	C41H72O2	001989-52-2	50





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TIC Library : C:\DATABASE\NIST11.L
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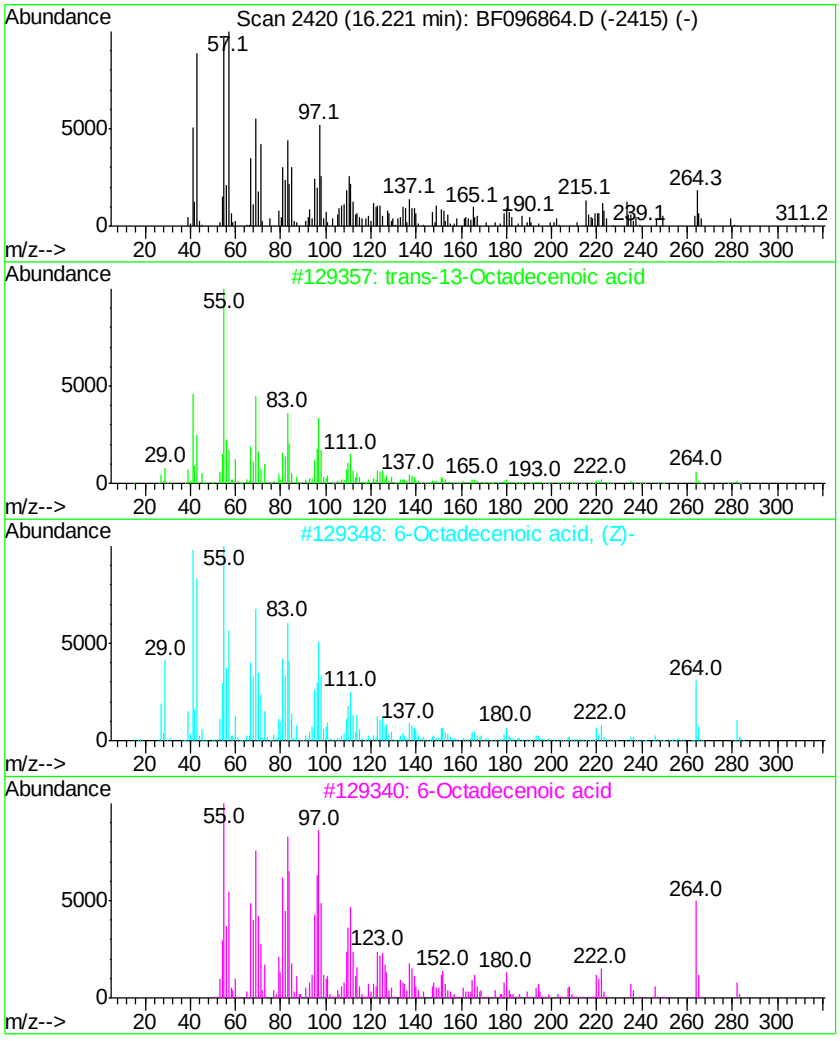
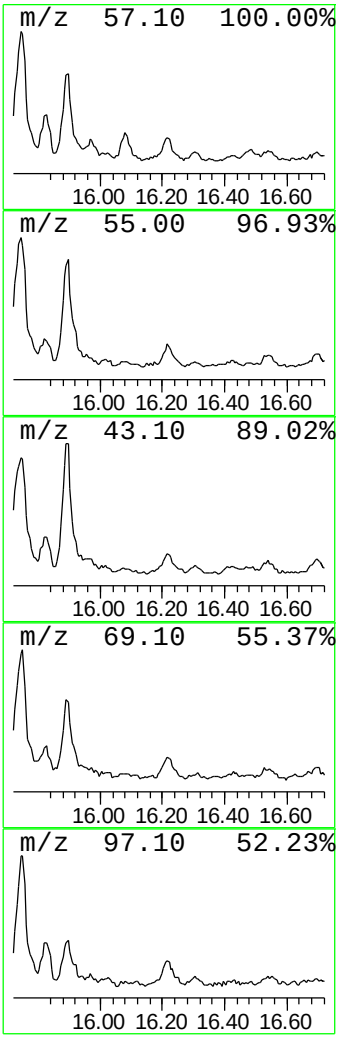
Peak Number 14 3,4-Methylenedioxyphenyl-2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	21.56 ng	397974	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	92
3	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	91
4	3,4-Methylenedioxyphenyl-2-propa...	235	C11H13N3O3	057961-86-1	91
5	Oleic Acid	282	C18H34O2	000112-80-1	90





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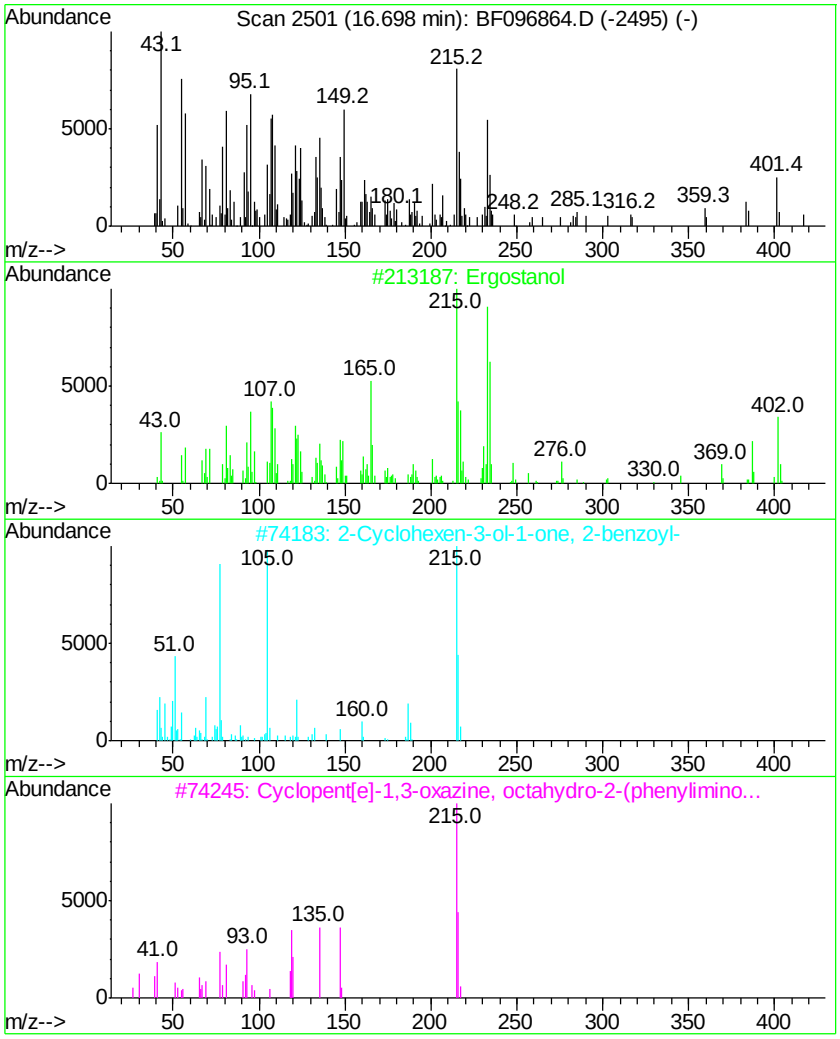
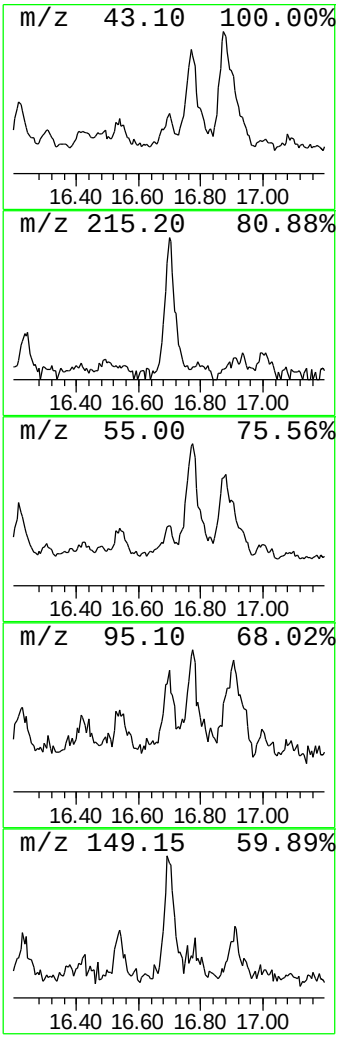
Peak Number 15 Ergostanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	18.34 ng	338575	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergostanol	402	C28H50O	006538-02-9	50
2	2-Cyclohexen-3-ol-1-one, 2-benzoyl-	216	C13H12O3	061834-43-3	25
3	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	14
4	Cholesterol epoxide	402	C27H46O2	001250-95-9	11
5	2-Chloro-7-phenyltropone	216	C13H9ClO	090128-01-1	11





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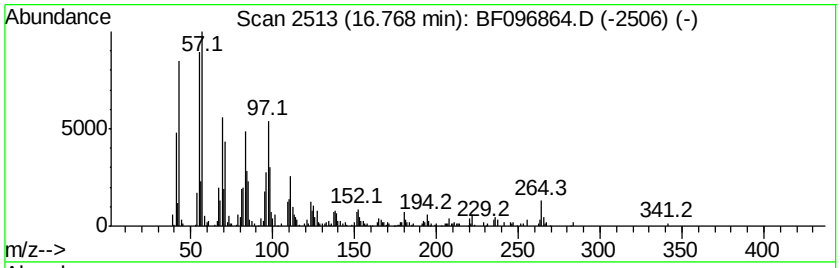
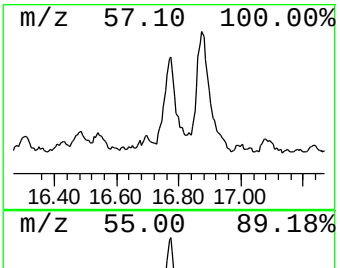
Peak Number 16 Decyl oleate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	39.05 ng	720736	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decyl oleate	422	C28H54O2	003687-46-5	90
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	78
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	76
4	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	74
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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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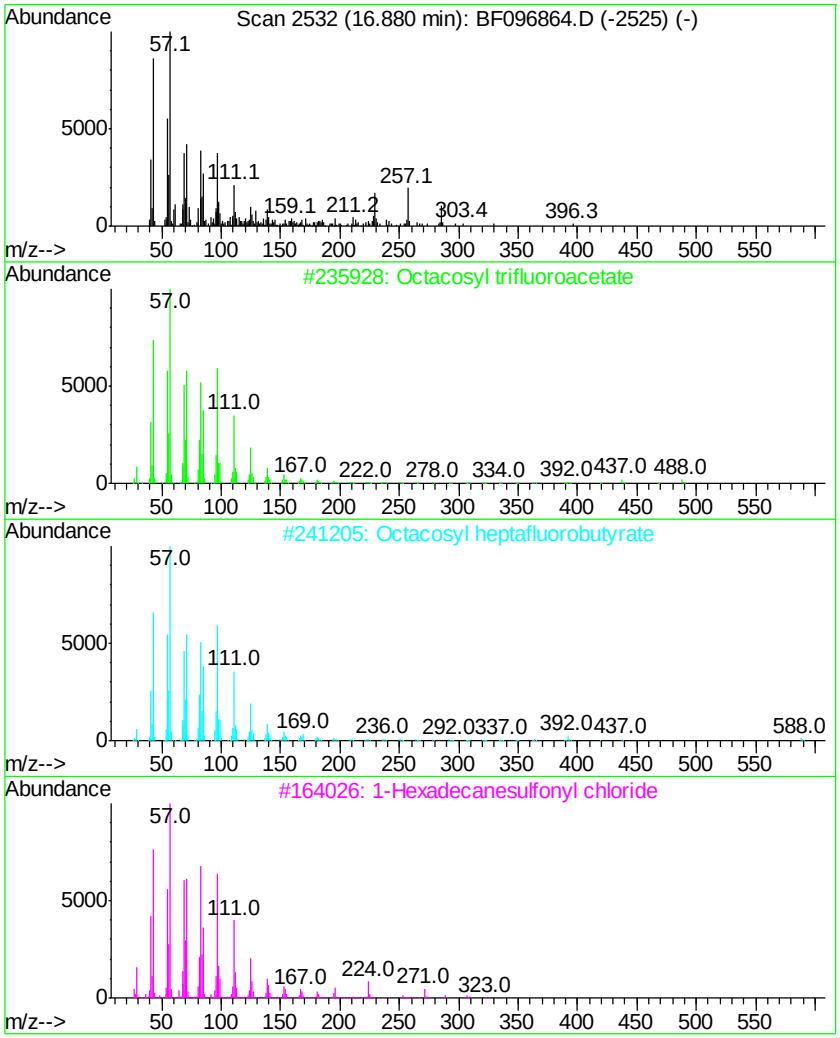
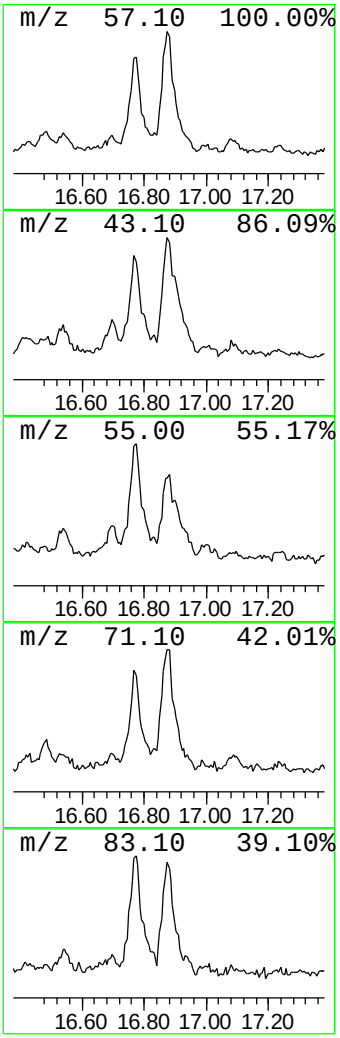
Peak Number 17 Octacosyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	35.66 ng	658294	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	70
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	62
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	62
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	62
5	17-Pentatriacontene	491	C35H70	006971-40-0	55





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Acq On : 19 Jul 2017 00:44
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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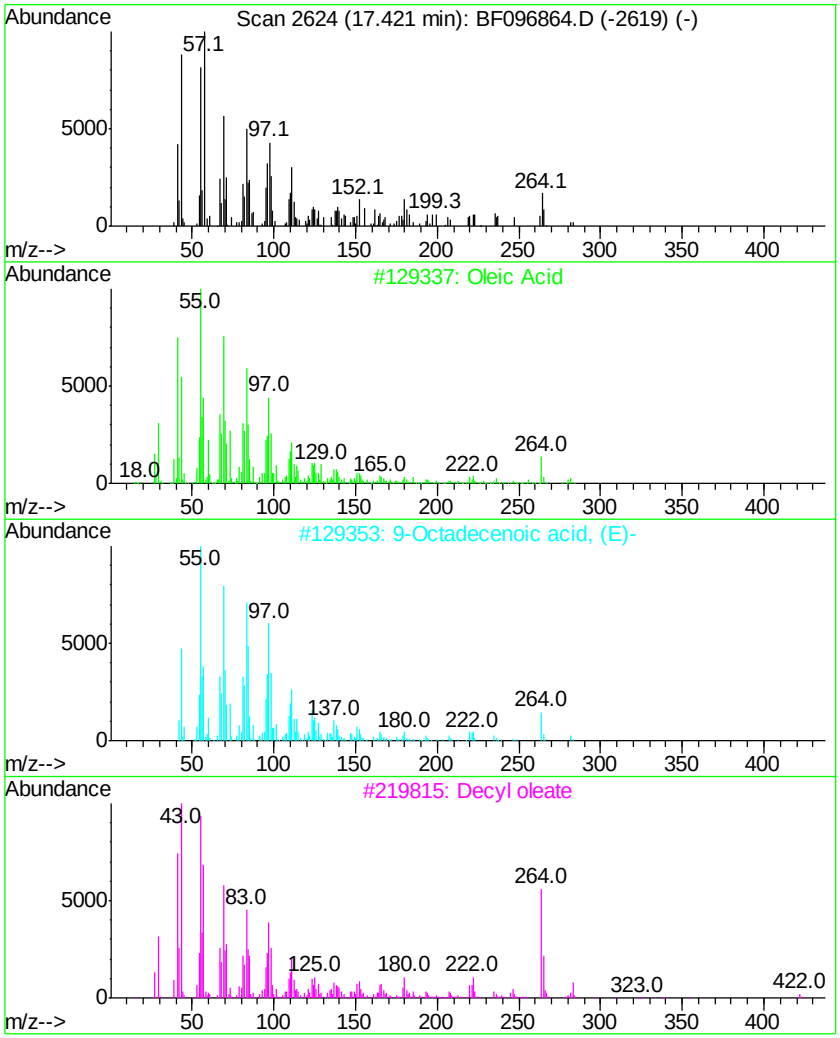
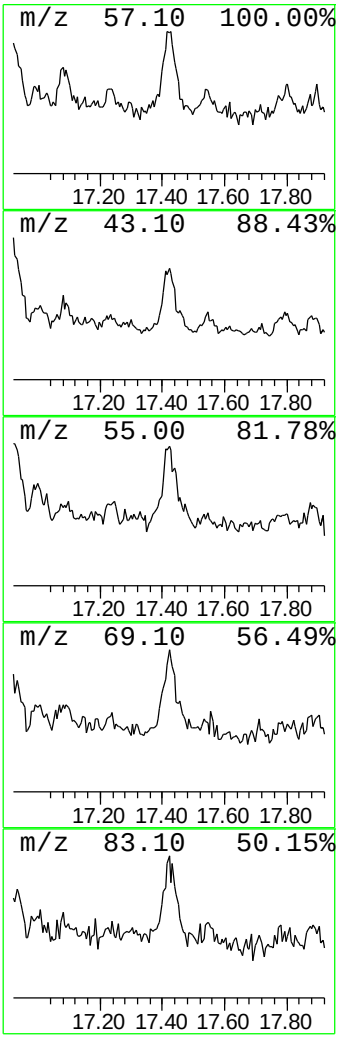
Peak Number 18 Oleic Acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	16.54 ng	305210	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	94
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	83
3	Decyl oleate	422	C28H54O2	003687-46-5	83
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	81
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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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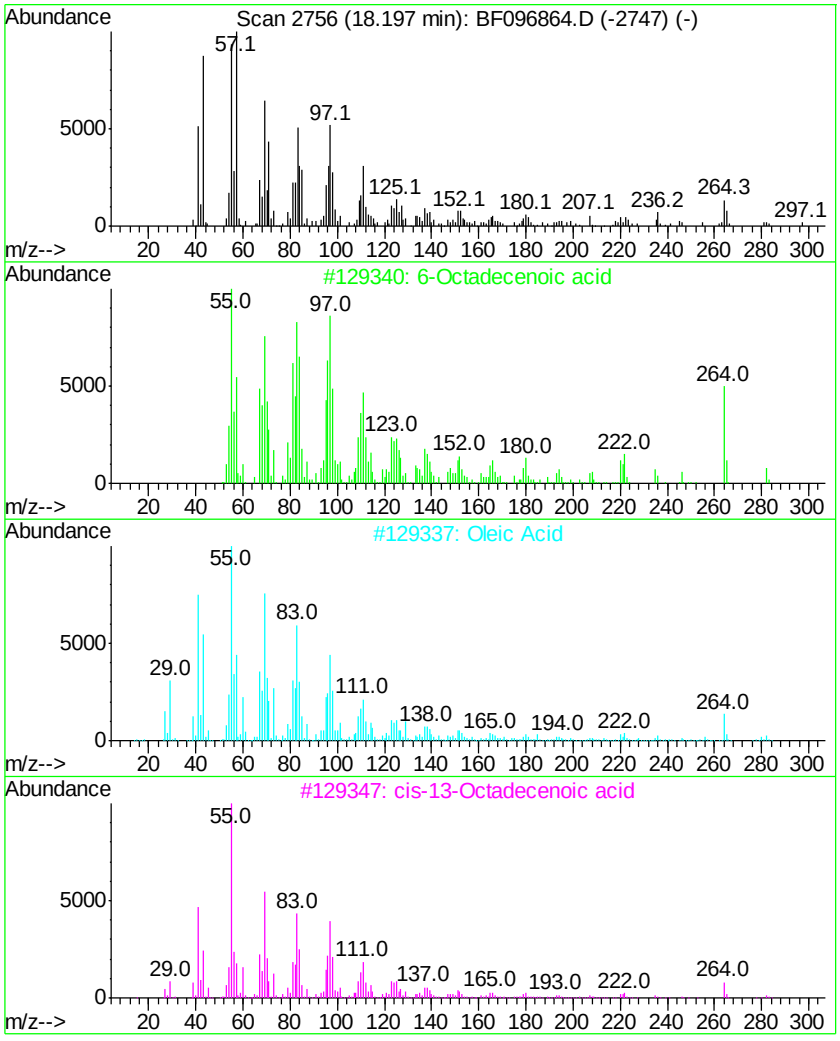
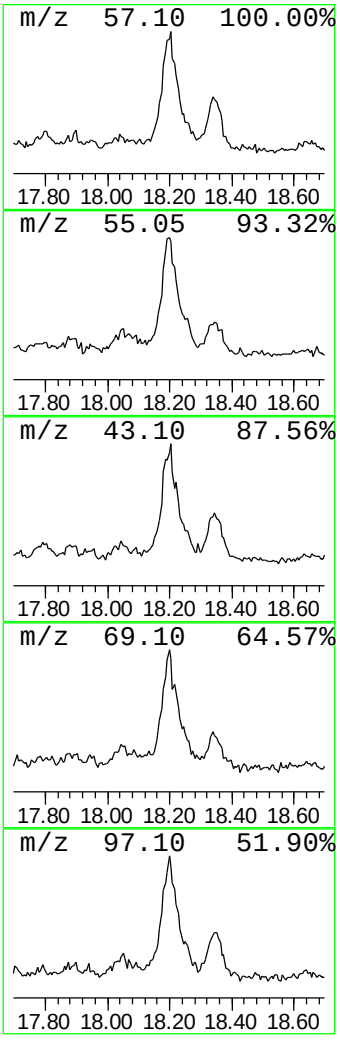
Peak Number 19 6-Octadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	57.39 ng	1059340	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	95
2	Oleic Acid	282	C18H34O2	000112-80-1	93
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	90
5	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	87





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Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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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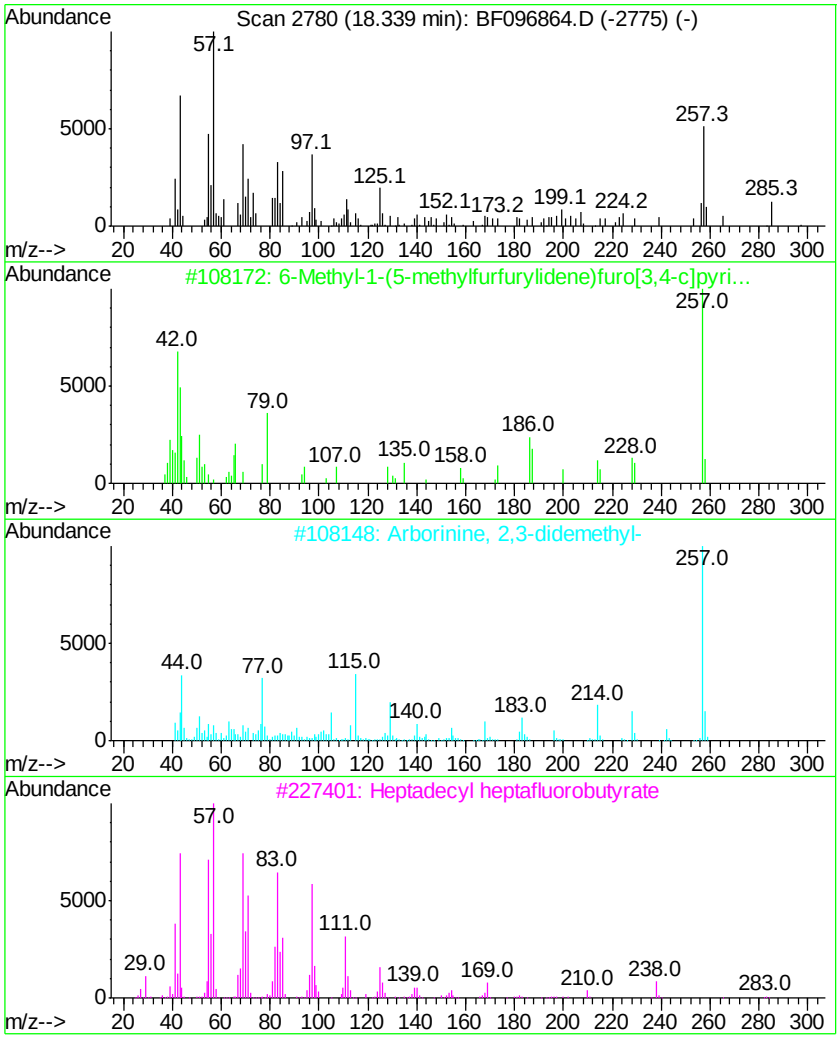
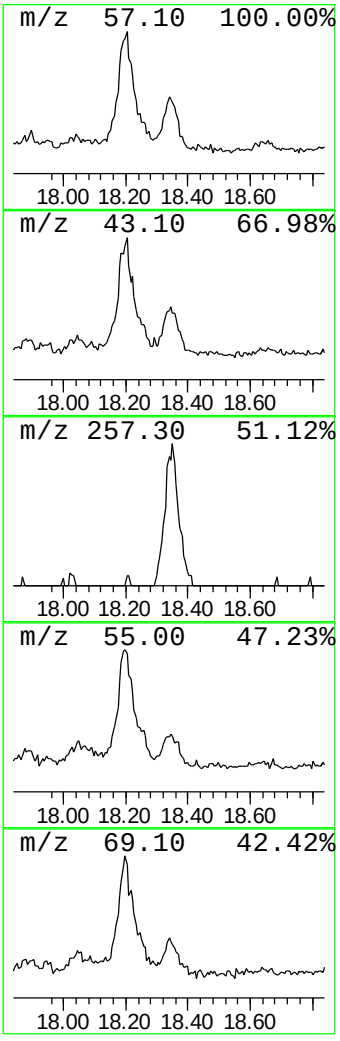
Peak Number 20 unknown18.34 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	17.94 ng	331095	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1-(5-methylfurfurylidene...	257	C14H11NO4	1000224-96-5	25
2	Arborinine, 2,3-didemethyl-	257	C14H11NO4	1000116-03-5	25
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	15
4	Cetene	224	C16H32	000629-73-2	15
5	17-Pentatriacontene	491	C35H70	006971-40-0	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096864.D
Acq On : 19 Jul 2017 00:44
Operator : SJ/JU
Sample : I4234-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-07

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
Cyclopropane, nonyl-	9.45	45.5	ng	1266490	3	9.63	557275	20.0
N-Dodecylmethylamine	9.69	27.8	ng	774712	3	9.63	557275	20.0
n-Heptadecanol-1	11.35	27.6	ng	1144370	4	11.10	829320	20.0
n-Hexadecanoic acid	11.69	61.6	ng	2553770	4	11.10	829320	20.0
Pentafluoropropio...	12.17	31.8	ng	1320400	4	11.10	829320	20.0
trans-13-Octadece...	12.38	27.9	ng	1154870	4	11.10	829320	20.0
Octadecanoic acid	12.46	51.1	ng	1511840	5	13.73	591459	20.0
1,3-Benzenedicarb...	14.37	23.2	ng	686750	5	13.73	591459	20.0
Supraene	14.59	152.8	ng	2820350	6	15.10	369164	20.0
1-Hexadecanethiol	15.04	17.7	ng	327214	6	15.10	369164	20.0
Cholestan-3-ol	15.73	174.2	ng	3216070	6	15.10	369164	20.0
Isobutyl tetradec...	15.83	19.6	ng	362065	6	15.10	369164	20.0
Cholesterol	15.90	185.2	ng	3418470	6	15.10	369164	20.0
3,4-Methylenediox...	16.22	21.6	ng	397974	6	15.10	369164	20.0
Ergostanol	16.70	18.3	ng	338575	6	15.10	369164	20.0
Decyl oleate	16.77	39.0	ng	720736	6	15.10	369164	20.0
Octacosyl trifluo...	16.88	35.7	ng	658294	6	15.10	369164	20.0
Oleic Acid	17.42	16.5	ng	305210	6	15.10	369164	20.0
6-Octadecenoic acid	18.20	57.4	ng	1059340	6	15.10	369164	20.0
unknown18.34	18.34	17.9	ng	331095	6	15.10	369164	20.0