LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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-BF091117.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	4.863	468	472	487	rVB	428882	690653	10.23%	0.923%
2	5.287	539	544	557	rBV	5683854	6555957	97.07%	8.761%
3	6.328	715	721	731	rBV	5469614	6753657	100.00%	9.025%
4	6.445	736	741	744	rBV	6375637	6192615	91.69%	8.275%
5	6.669	775	779	782	rBV	1659499	1515322	22.44%	2.025%
6	6.828	801	806	809	rBV	4390319	4477859	66.30%	5.984%
7	6.857	809	811	823	rVB2	162630	231112	3.42%	0.309%
8	7.110	851	854	861	rVB3	75235	105246	1.56%	0.141%
9	7.239	870	876	879	rBV	3921401	4093720	60.61%	5.471%
10	7.269	879	881	885	rVB2	100506	98699	1.46%	0.132%
11	7.863	976	982	985	rBV4	43800	74229	1.10%	0.099%
12	7.951	991	997	1000	rBV	2184719	1930336	28.58%	2.580%
13	8.375	1065	1069	1074	rBV	116833	134010	1.98%	0.179%
14	8.545	1094	1098	1101	rBV	210811	192308	2.85%	0.257%
15	8.698	1121	1124	1127	rBV	109101	108804	1.61%	0.145%
16	8.827	1140	1146	1148	rBV	83158	112254	1.66%	0.150%
17	8.975	1168	1171	1174	rVB	197107	153991	2.28%	0.206%
18	9.027	1174	1180	1183	rBV	5348685	4902890	72.60%	6.552%
19	9.110	1189	1194	1198	rBV	269888	263345	3.90%	0.352%
20	9.292	1223	1225	1228	rVB2	129931	98620	1.46%	0.132%
21	9.392	1239	1242	1244	rBV2	96757	129042	1.91%	0.172%
22	9.422	1244	1247	1250	rVV	1160463	1061808	15.72%	1.419%
23	9.451	1250	1252	1256	rVB3	82968	81898	1.21%	0.109%
24	9.639	1281	1284	1288	rVB	229794	200888	2.97%	0.268%
25	9.698	1291	1294	1298	rVV	1829171	1814790	26.87%	2.425%
26	9.857	1318	1321	1326	rBV3	52753	71432	1.06%	0.095%
27	10.133	1365	1368	1371	rVB	165636	149515	2.21%	0.200%
28	10.351	1402	1405	1408	rBV3	47646	69184	1.02%	0.092%
29	10.410	1411	1415	1418	rBV3	98878	123440	1.83%	0.165%
30	10.492	1422	1429	1432	rBV	3085592	2907055	43.04%	3.885%
31	10.557	1438	1440	1444	rVB2	96293	84738	1.25%	0.113%
32	10.604	1444	1448	1450	rBV2	257871	273127	4.04%	0.365%
33	10.733	1467	1470	1472	rBV2	135879	108040	1.60%	0.144%
34	10.763	1472	1475	1477	rVV	433834	372222	5.51%	0.497%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.810	1481	1483	1485	rVV2	97316	93331	1.38%	0.125%
36	10.839	1485	1488	1493	rVB	214412	198878	2.94%	0.266%
37	10.886	1493	1496	1501	rBV	283362	242748	3.59%	0.324%
38	10.933	1501	1504	1505	rBV2	68250	69745	1.03%	0.093%
39	10.957	1505	1508	1513	rVB3	209470	250028	3.70%	0.334%
40	11.051	1521	1524	1526	rBV	111836	134032	1.98%	0.179%
41	11.069	1526	1527	1536	rVB2	225184	217778	3.22%	0.291%
42	11.180	1541	1546	1554	rVV	1728759	1582351	23.43%	2.115%
43	11.239	1554	1556	1561	rVV2	227794	381485	5.65%	0.510%
44	11.280	1561	1563	1568	rVB3	93464	111159	1.65%	0.149%
45	11.410	1582	1585	1588	rBV2	156987	139199	2.06%	0.186%
46	11.445	1588	1591	1594	rVB3	83583	94952	1.41%	0.127%
47	11.533	1602	1606	1611	rBV	239375	257797	3.82%	0.344%
48	11.580	1611	1614	1619	rVB2	189448	235204	3.48%	0.314%
49	11.868	1658	1663	1670	rBV5	169801	242394	3.59%	0.324%
50	12.227	1721	1724	1728	rBV	1078005	1008749	14.94%	1.348%
51	12.263	1728	1730	1732	rVV	358560	337349	5.00%	0.451%
52	12.280	1732	1733	1738	rVB3	315811	268828	3.98%	0.359%
53	12.327	1738	1741	1746	rVB4	56869	77317	1.14%	0.103%
54	12.368	1746	1748	1750	rBV	90128	79286	1.17%	0.106%
55	12.427	1755	1758	1761	rVB	293809	238617	3.53%	0.319%
56	12.592	1783	1786	1788	rBV3	71674	71575	1.06%	0.096%
57	12.615	1788	1790	1793	rVV	91634	97688	1.45%	0.131%
58	12.663	1793	1798	1803	rVB3	101831	202673	3.00%	0.271%
59	12.762	1811	1815	1819	rBV	3174954	2810059	41.61%	3.755%
60	12.974	1848	1851	1853	rBV	202363	180497	2.67%	0.241%
61	13.192	1883	1888	1889	rBV2	81053	110377	1.63%	0.147%
62	13.210	1889	1891	1894	rVB	300619	259970	3.85%	0.347%
63	13.380	1918	1920	1927	rVB4	88303	107081	1.59%	0.143%
64	13.662	1964	1968	1972	rBV	490180	558290	8.27%	0.746%
65	13.815	1988	1994	1997	rBV2	1094793	1293719	19.16%	1.729%
66	13.980	2020	2022	2029	rVB2	92400	108418	1.61%	0.145%
67	14.286	2071	2074	2081	rBV2	397620	453542	6.72%	0.606%
68	14.562	2119	2121	2123	rBV	93816	105874	1.57%	0.141%
69	14.645	2132	2135	2139	rVB	174584	171891	2.55%	0.230%
70	14.780	2155	2158	2162	rBV3	118719	183392	2.72%	0.245%
71	14.892	2173	2177	2180	rBV	1350533	1432916	21.22%	1.915%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.215	2227	2232	2239	rBV	855995	1119534	16.58%	1.496%
73	15.533	2283	2286	2292	rBV	122552	180607	2.67%	0.241%
74	15.633	2298	2303	2308	rBV	1223587	1748989	25.90%	2.337%
75	15.845	2335	2339	2341	rBV3	239835	391745	5.80%	0.523%
76	15.874	2342	2344	2354	rVB	401461	666170	9.86%	0.890%
77	16.621	2467	2471	2478	rVB2	258169	533345	7.90%	0.713%
78	16.845	2503	2509	2517	rBV3	615082	1475832	21.85%	1.972%
79	17.009	2532	2537	2541	rBV2	230119	421867	6.25%	0.564%
80	17.103	2542	2553	2559	rVV3	1141037	3078198	45.58%	4.113%
81	17.256	2575	2579	2584	rVB3	239717	425040	6.29%	0.568%
82	17.474	2611	2616	2621	rBV2	321163	672723	9.96%	0.899%
83	17.568	2627	2632	2642	rVB5	644122	1557779	23.07%	2.082%
84	17.786	2662	2669	2674	rBV3	535868	1414192	20.94%	1.890%
85	18.927	2857	2863	2872	rVB5	210003	604432	8.95%	0.808%

Sum of corrected areas: 74832448

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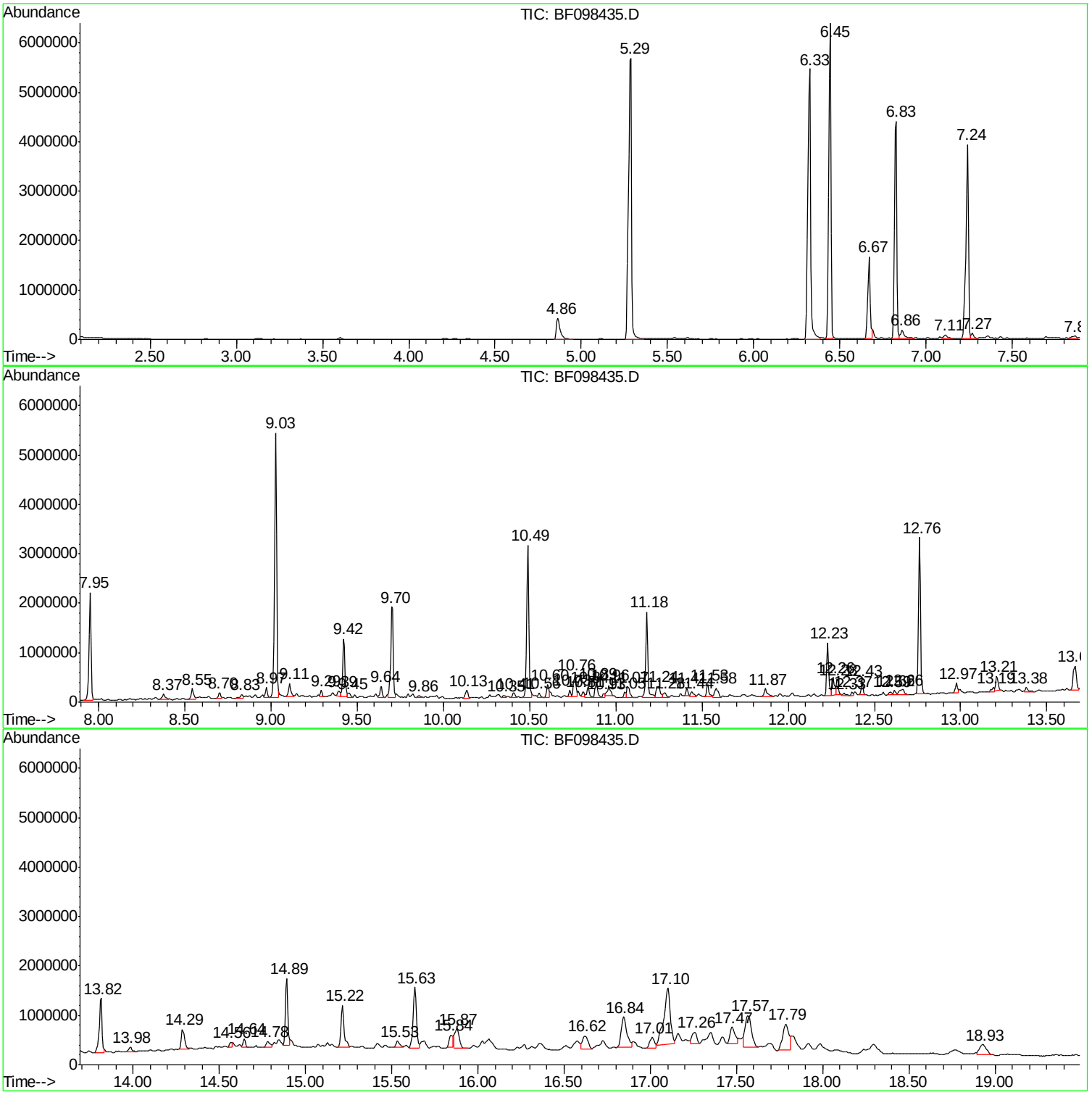
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

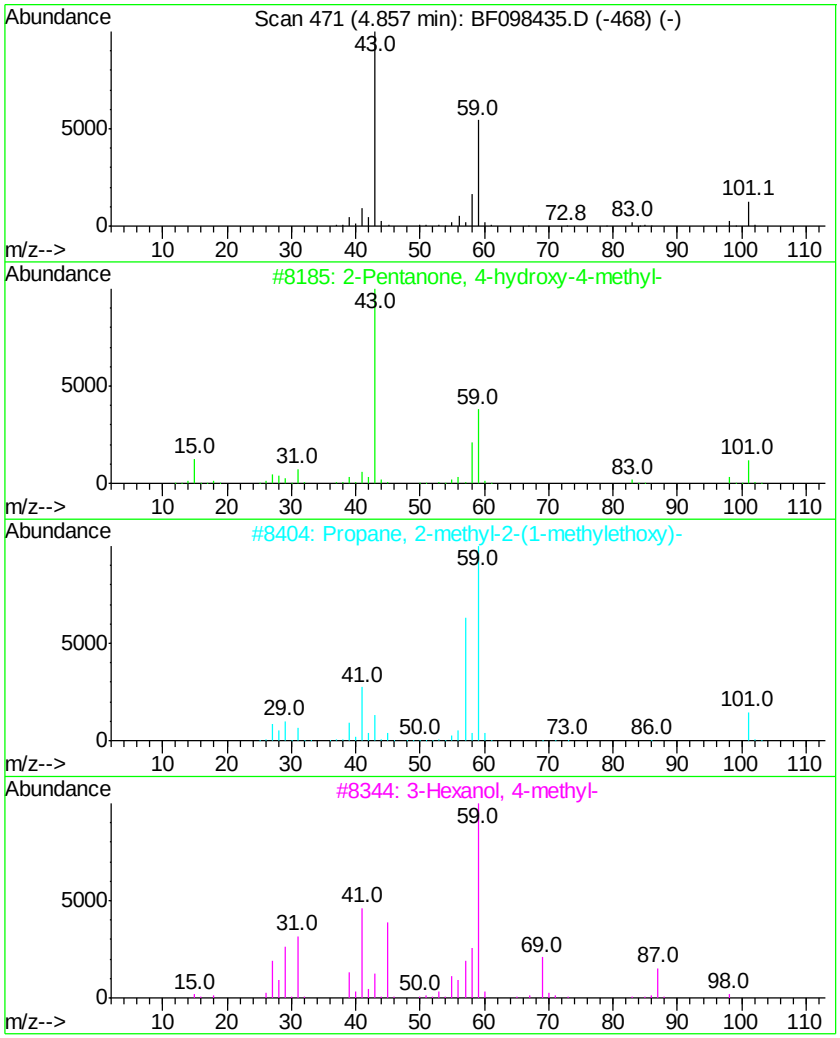
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

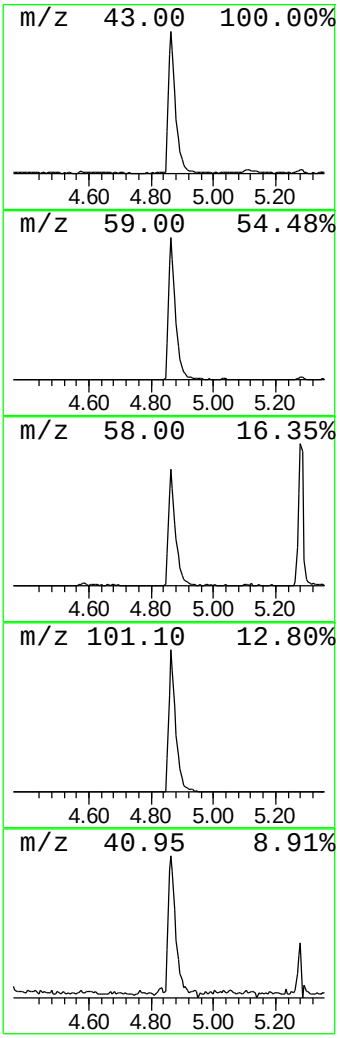
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	9.12 ng	690653	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098435.D
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Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

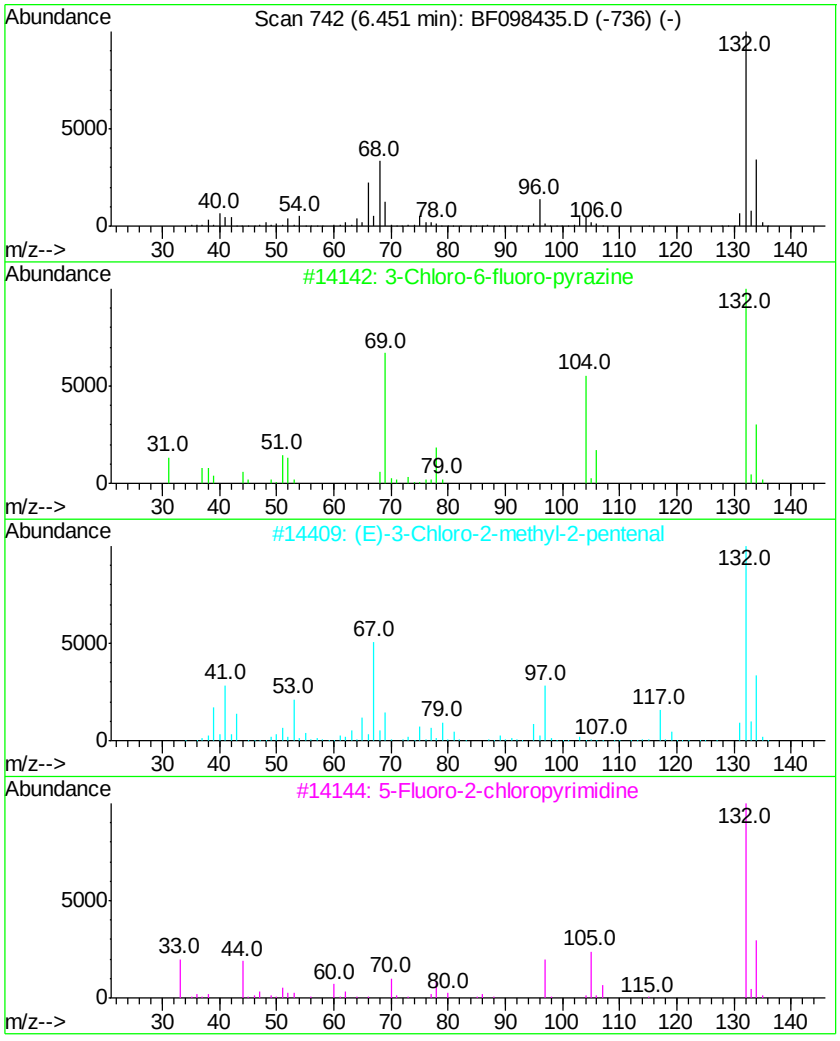
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

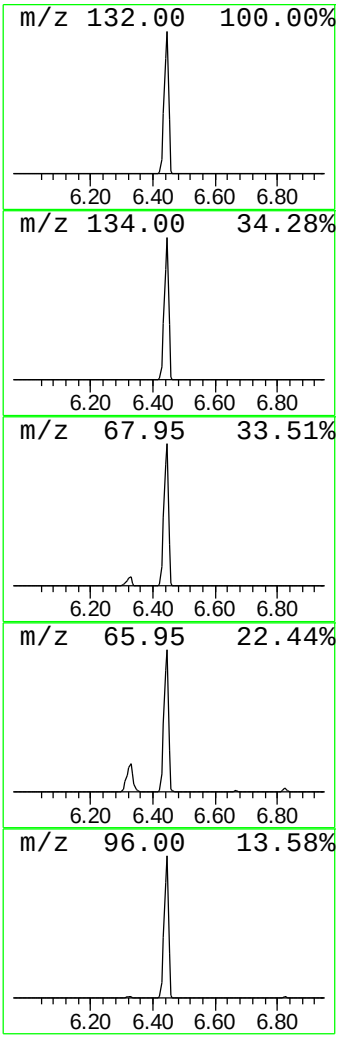
****

Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	81.73 ng	6192620	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

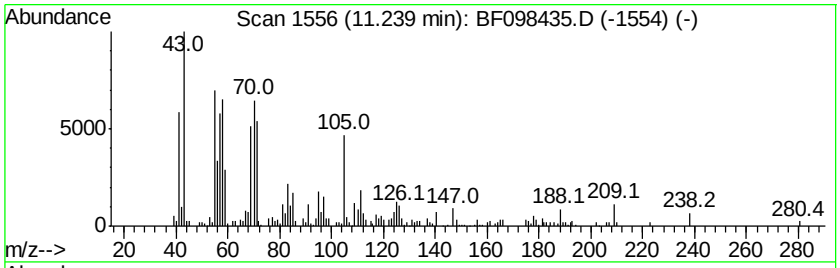
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

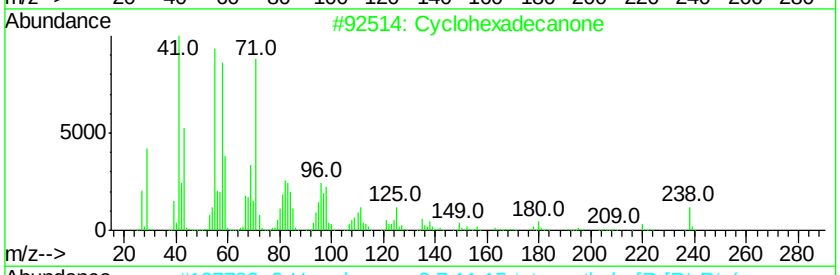
****

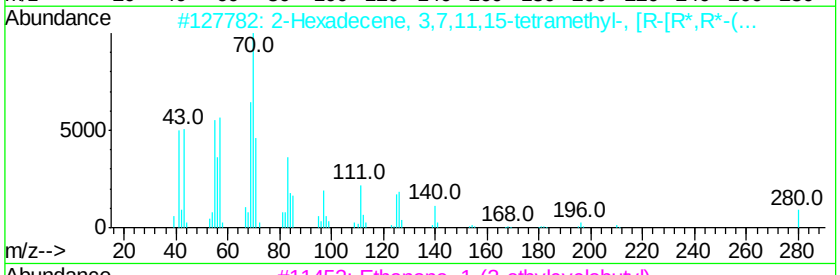
Peak Number 4 unknown11.24 Concentration Rank 20

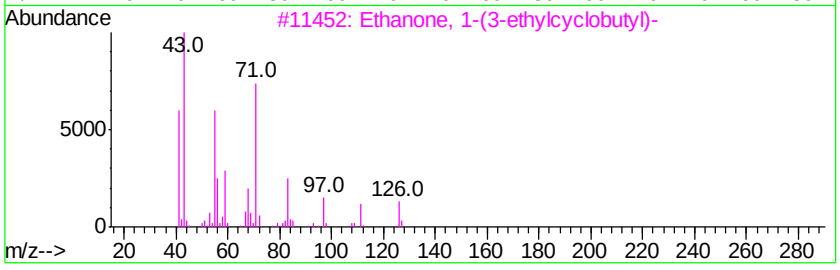
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	4.82 ng	381485	Phenanthrene-d10	11.18

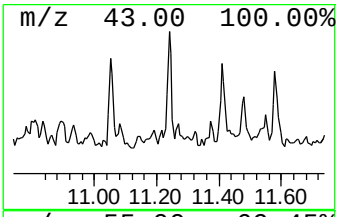
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecanone	238	C16H30O	002550-52-9	46
2	2-Hexadecene, 3,7,11,15-tetramet...	280	C20H40	014237-73-1	38
3	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	30
4	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	30
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	25

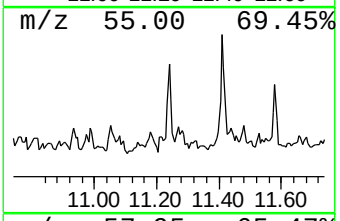


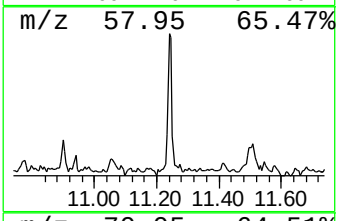


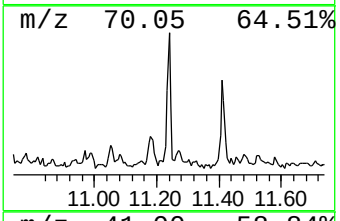


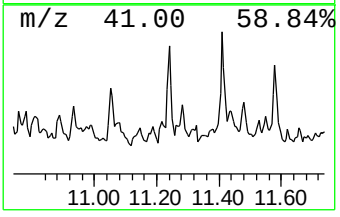












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Misc :
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Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

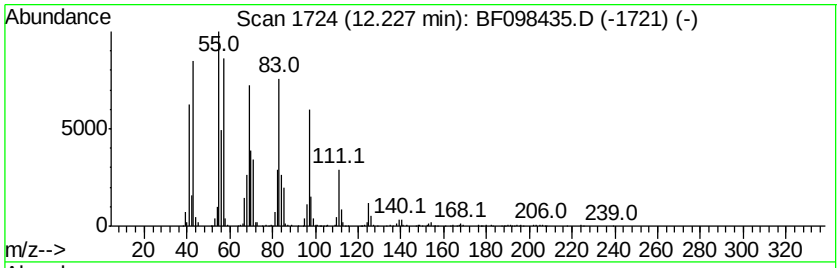
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

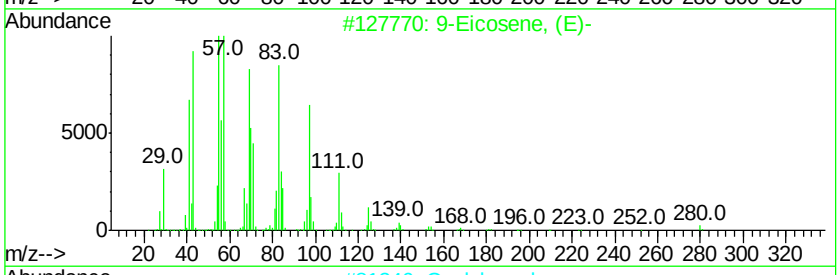
****

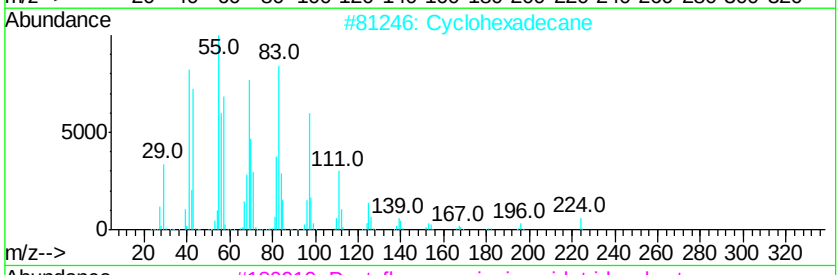
Peak Number 5 9-Eicosene, (E)- Concentration Rank 9

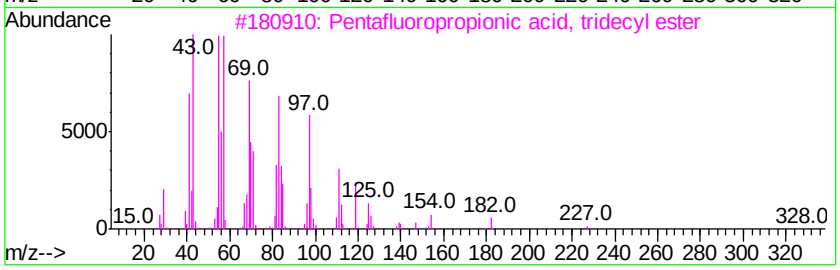
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	12.75 ng	1008750	Phenanthrene-d10	11.18

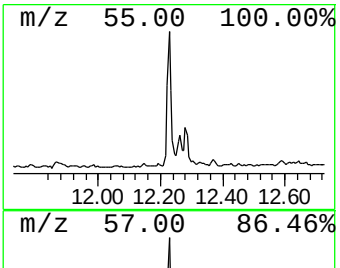
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Nonadecene	266	C19H38	018435-45-5	91

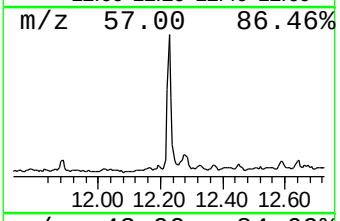


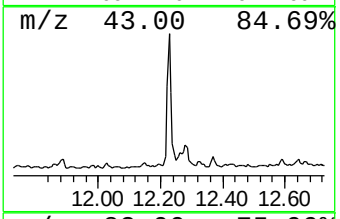


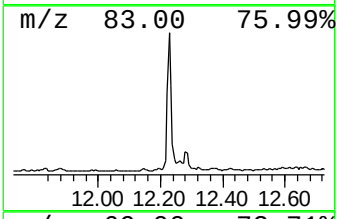


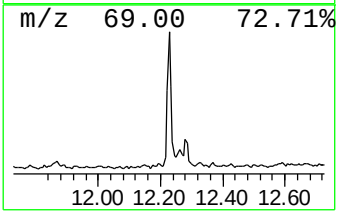












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Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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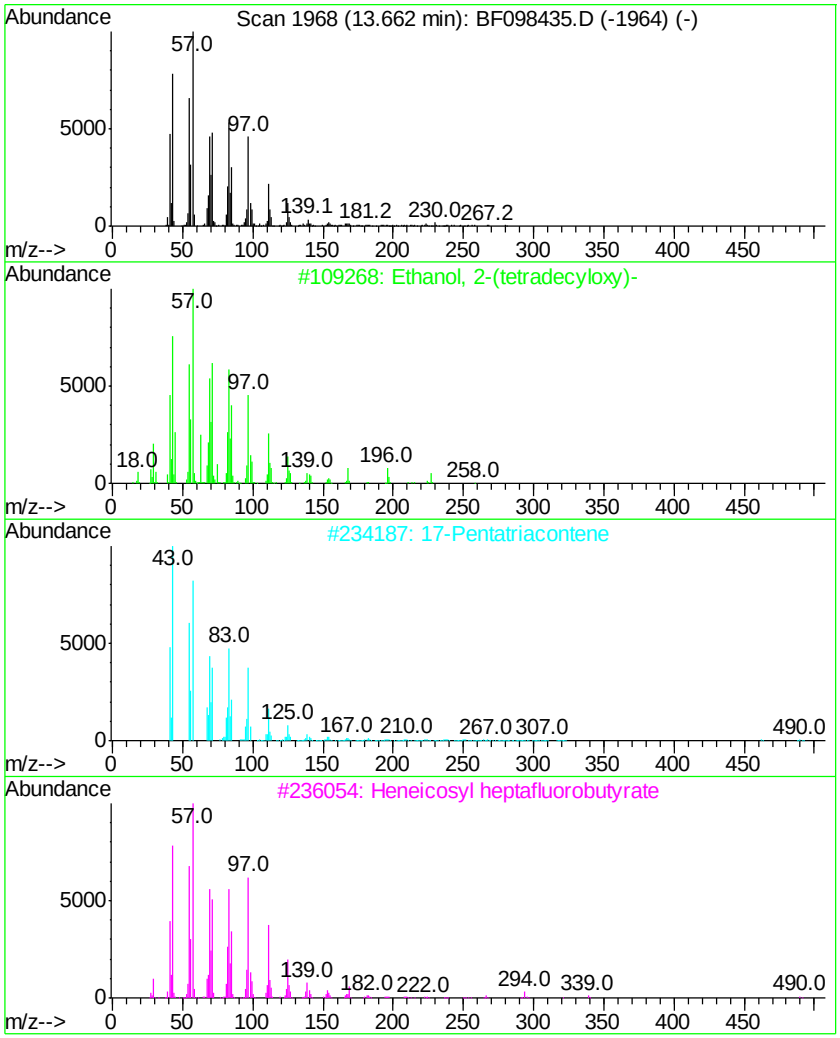
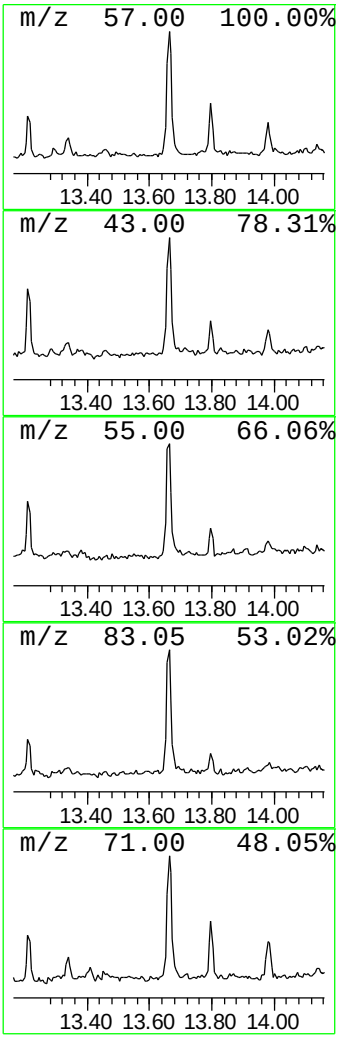
Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	8.63 ng	558290	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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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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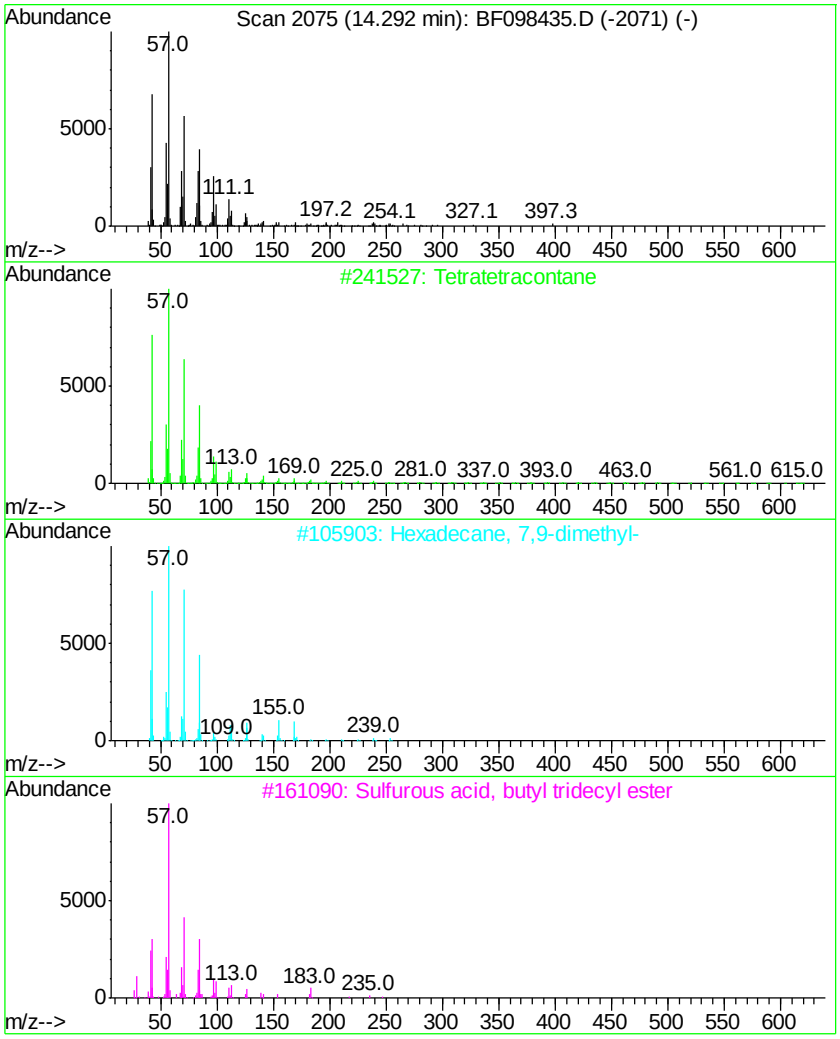
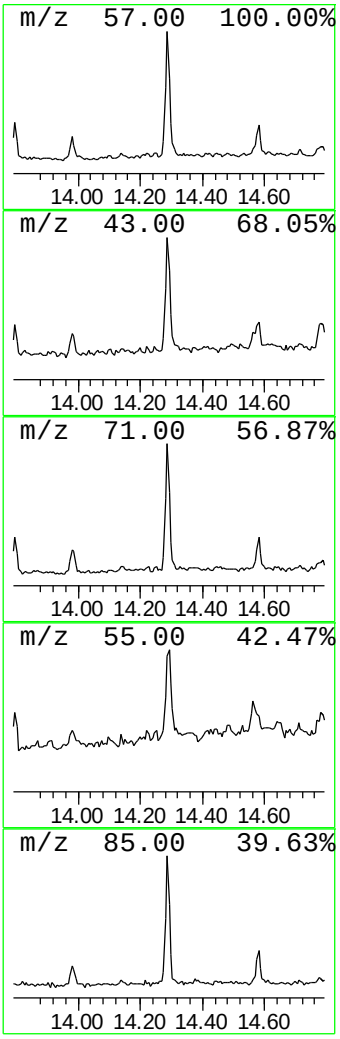
Peak Number 7 Tetratetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.01 ng	453542	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octadecane	254	C18H38	000593-45-3	90





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ClientSampleId : EME-WM-TS007-01

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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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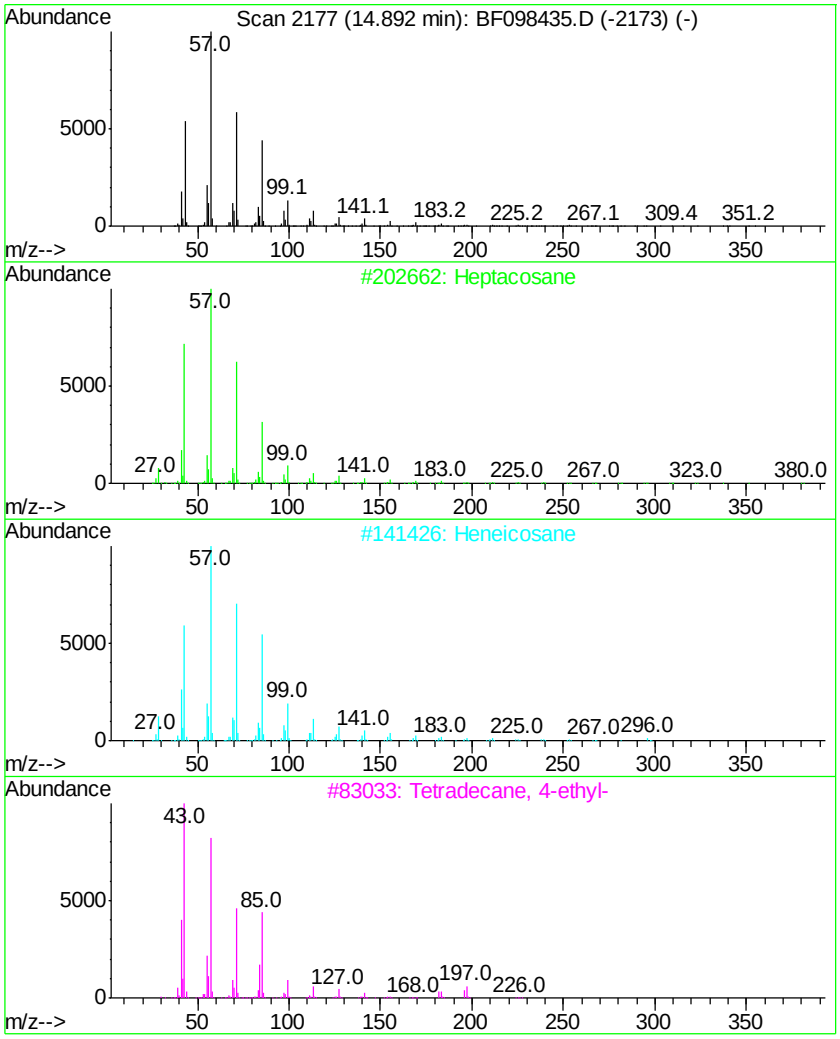
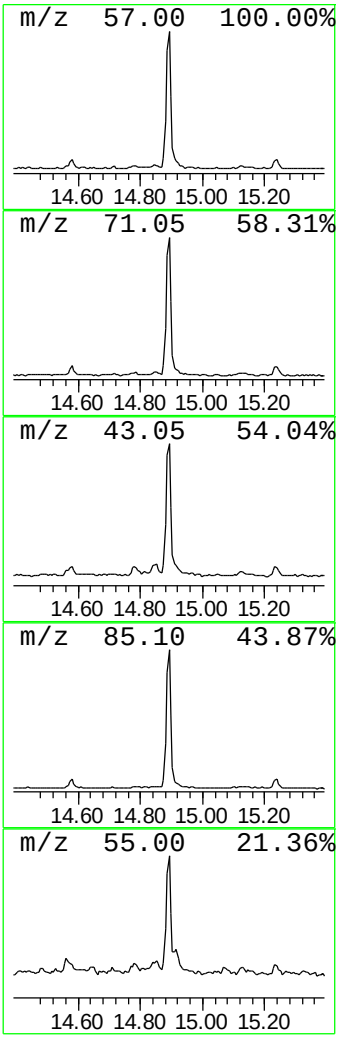
Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	25.60 ng	1432920	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





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Misc :
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Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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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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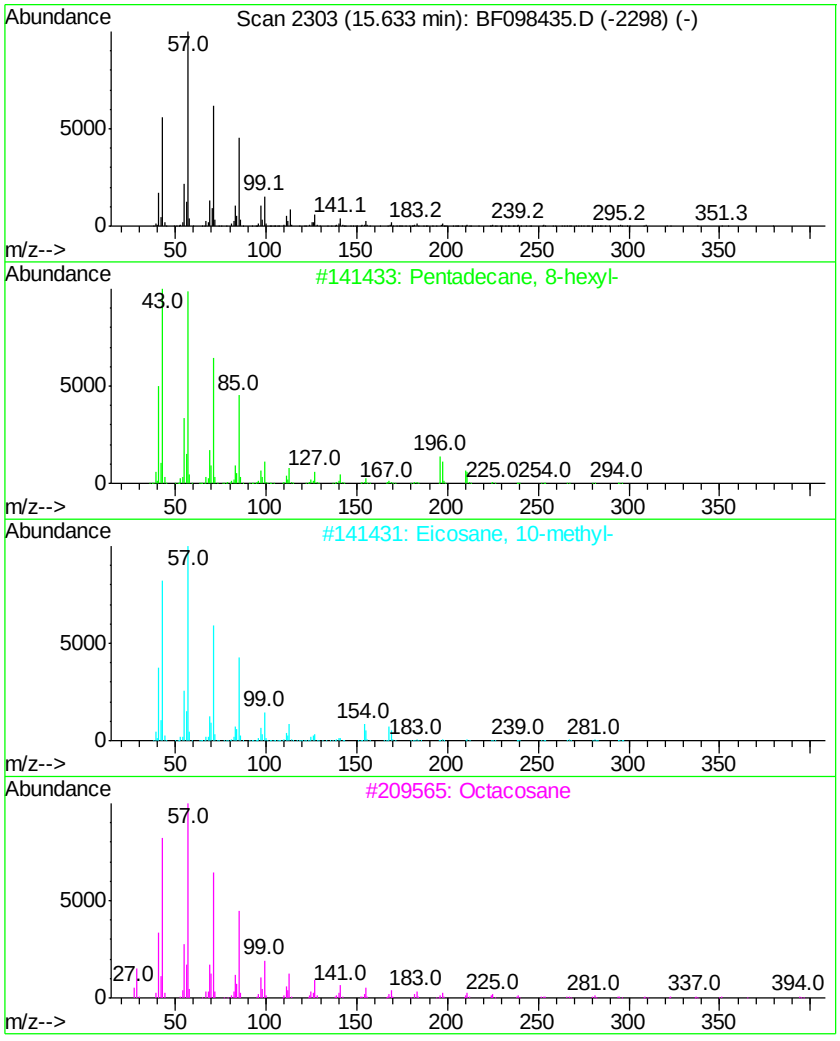
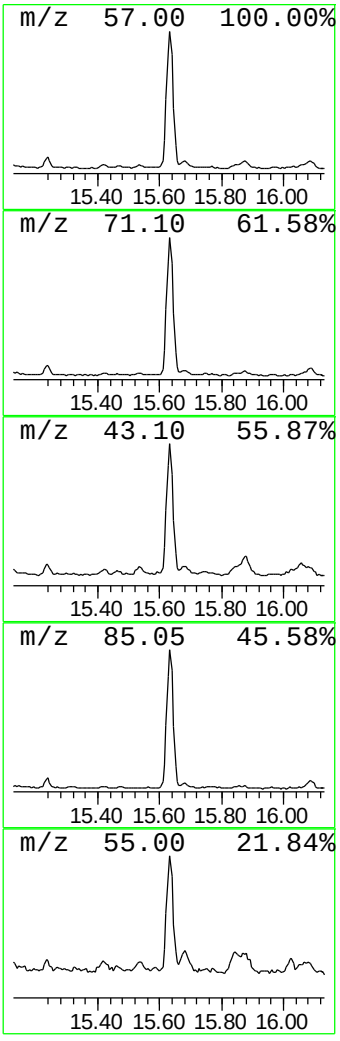
Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	31.24 ng	1748990	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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ClientSampleId : EME-WM-TS007-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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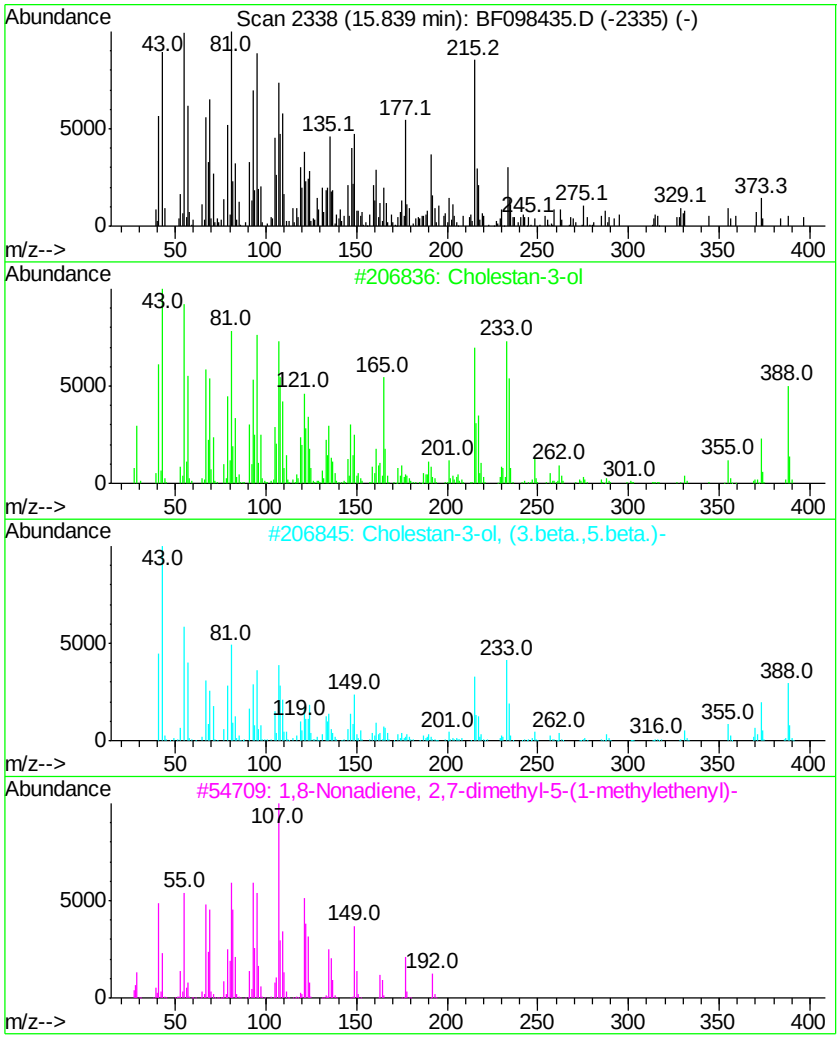
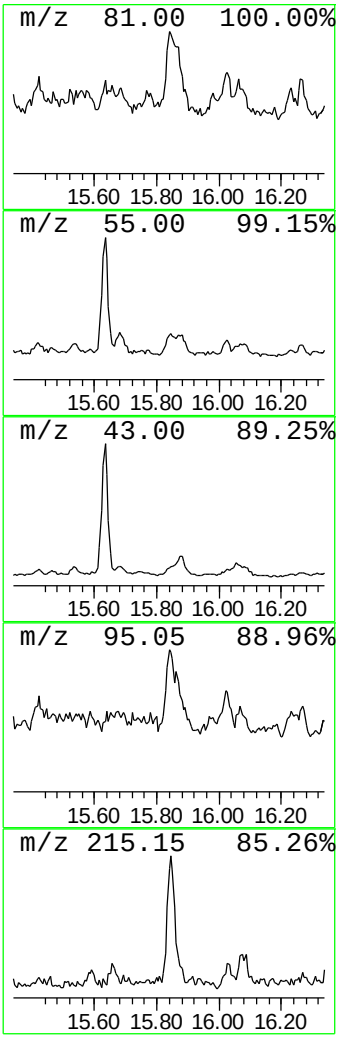
Peak Number 10 Cholestan-3-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	7.00 ng	391745	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol	388	C27H48O	027409-41-2	83
2	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	78
3	1,8-Nonadiene, 2,7-dimethyl-5-(1...	192	C14H24	068702-20-5	66
4	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	45
5	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	43





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Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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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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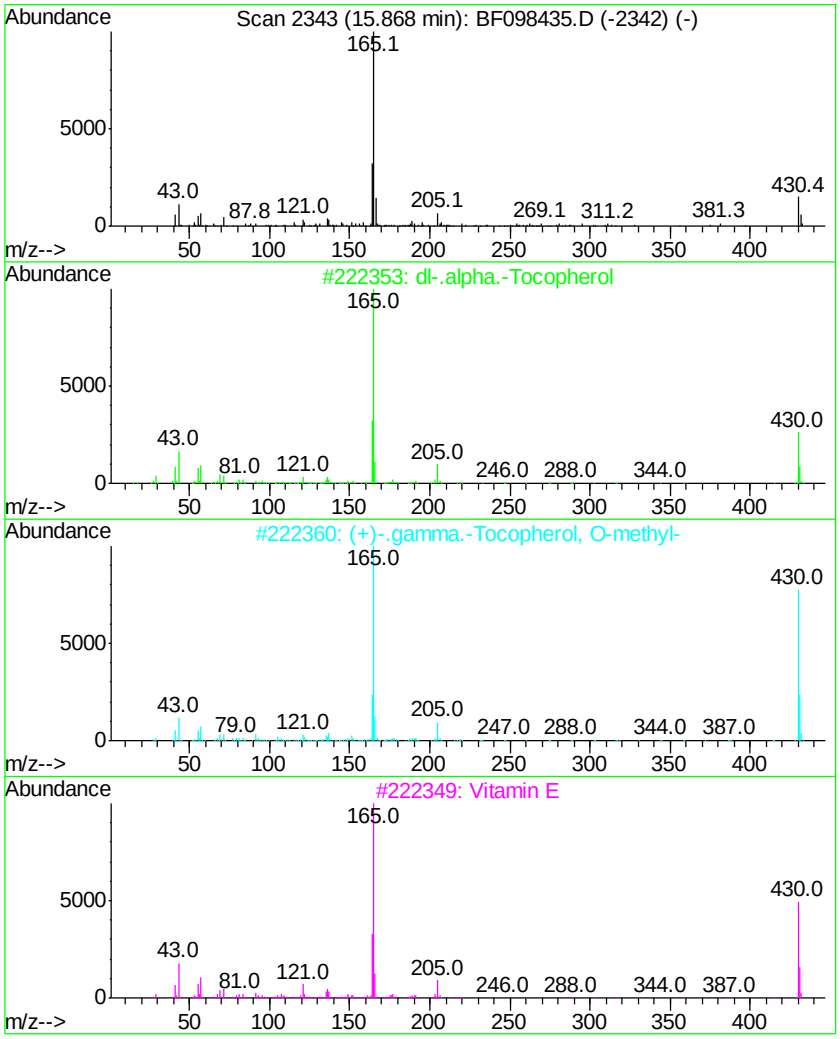
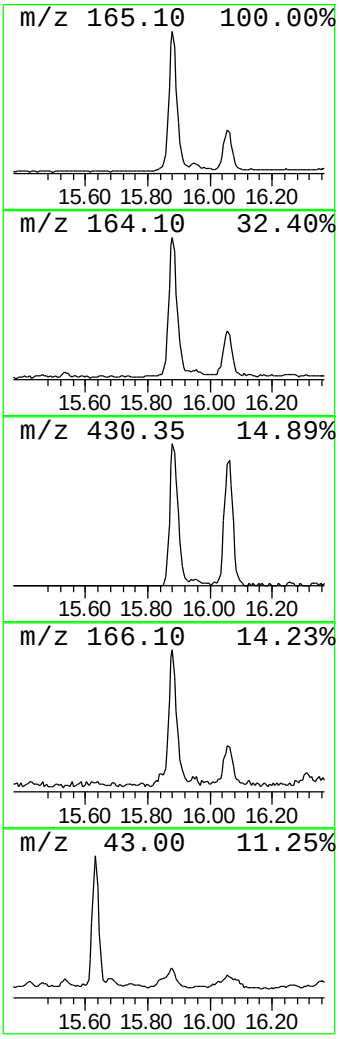
Peak Number 11 dl-.alpha.-Tocopherol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	11.90 ng	666170	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	95
2	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	94
3	Vitamin E	430	C29H50O2	000059-02-9	94
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	83
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	42





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Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

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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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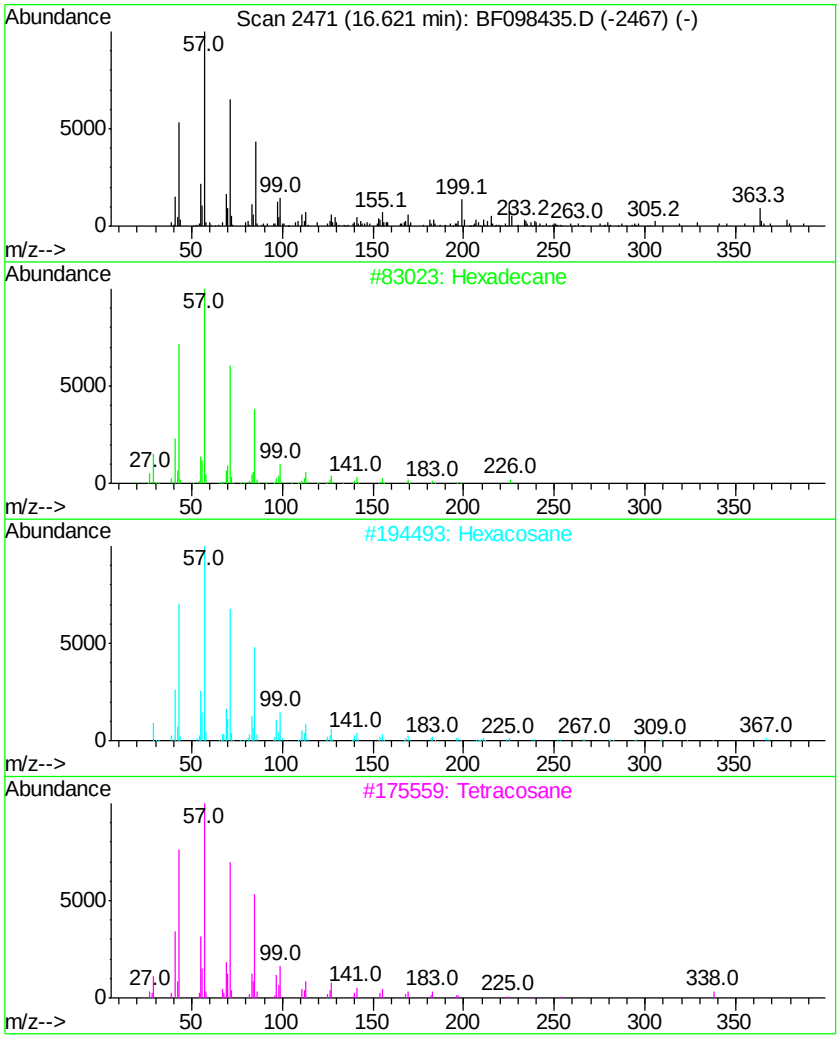
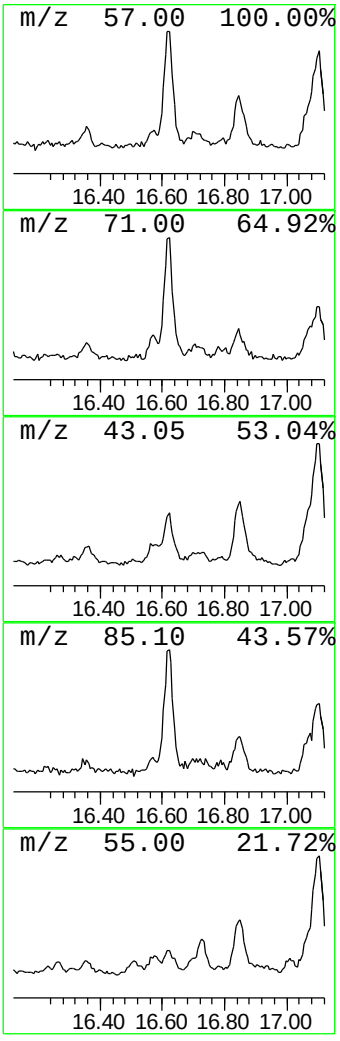
Peak Number 12 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	9.53 ng	533345	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexacosane	366	C26H54	000630-01-3	76
3	Tetracosane	338	C24H50	000646-31-1	70
4	Octacosane	394	C28H58	000630-02-4	68
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68





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Misc :
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ClientSampleId : EME-WM-TS007-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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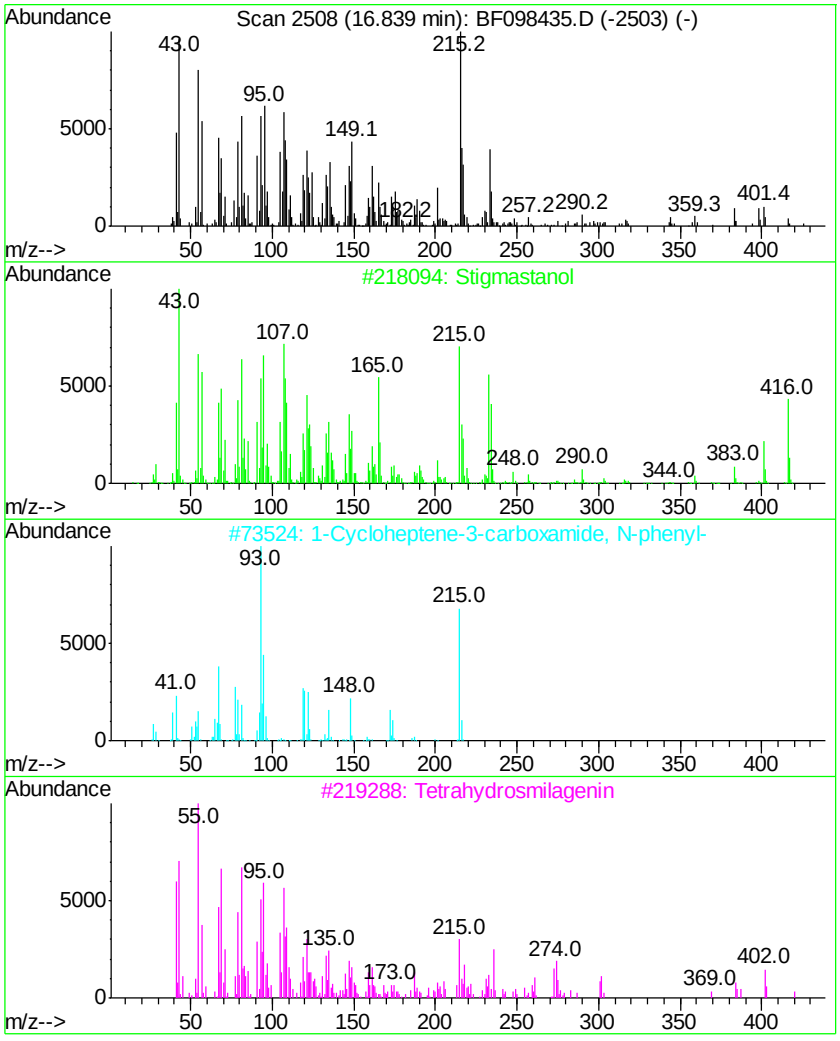
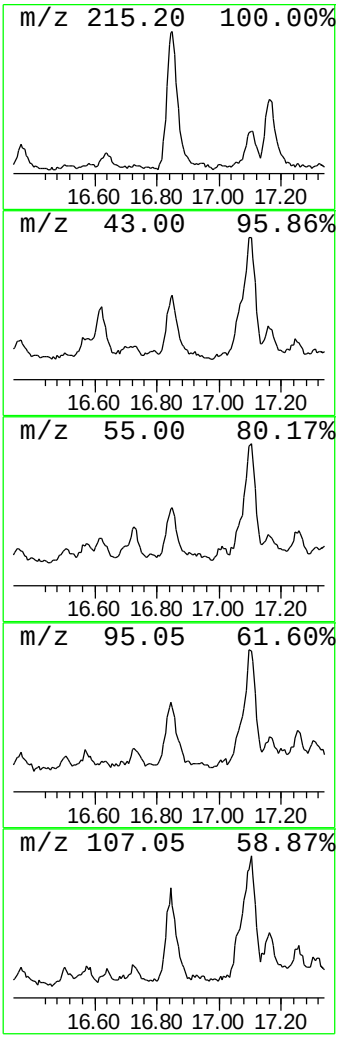
Peak Number 13 unknown16.84 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	26.37 ng	1475830	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	47
2	1-Cycloheptene-3-carboxamide, N-...	215	C14H17NO	1000159-24-4	30
3	Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	27
4	2-[(1R,3S)-3-Hydroxycyclohexyl]5...	318	C21H34O2	070434-82-1	27
5	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	25





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Misc :
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ClientSampleId : EME-WM-TS007-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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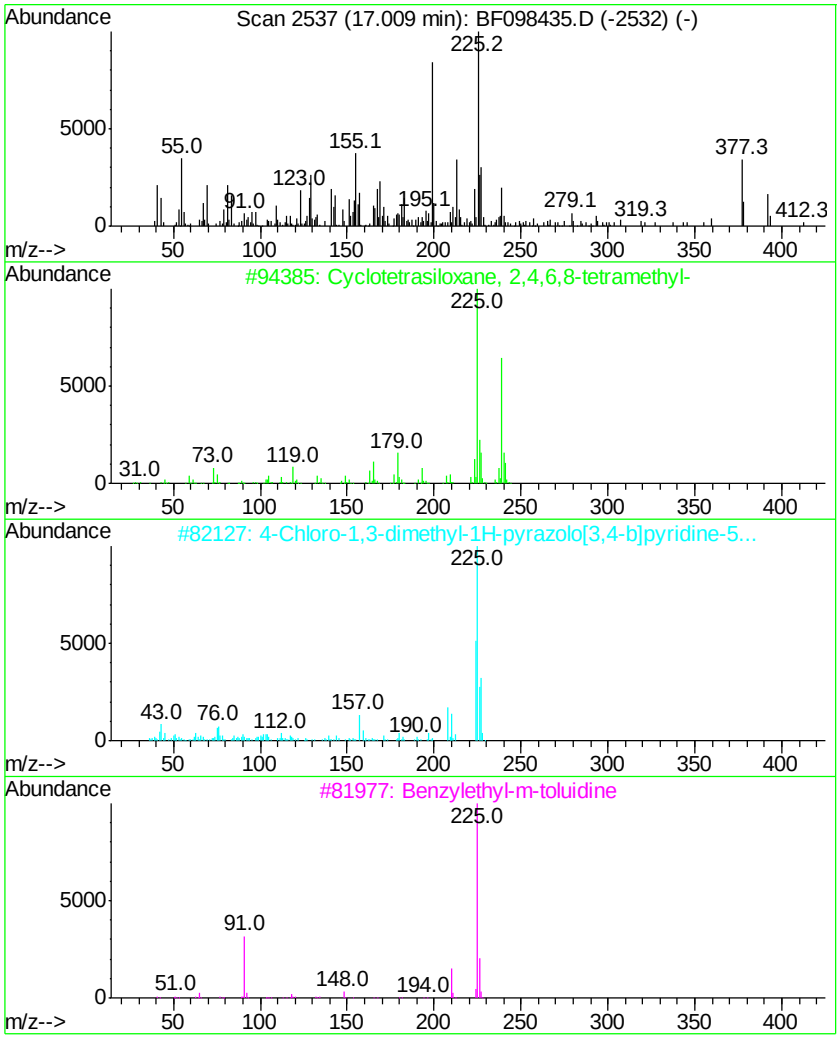
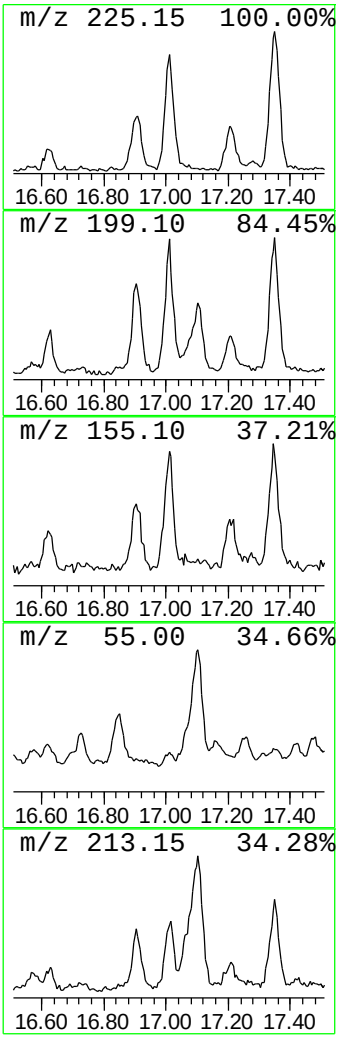
Peak Number 14 unknown17.01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	7.54 ng	421867	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, 2,4,6,8-tetr...	240	C4H16O4Si4	002370-88-9	46
2	4-Chloro-1,3-dimethyl-1H-pyrazol...	225	C9H8ClN3O2	1000293-90-4	30
3	Benzylethyl-m-toluidine	225	C16H19N	069295-70-1	22
4	Aniline, N-(3,4-dimethylphenyl)-...	225	C16H19N	055389-75-8	18
5	Benzene, 1-nitro-3-(2-phenylethe...	225	C14H11NO2	004714-26-5	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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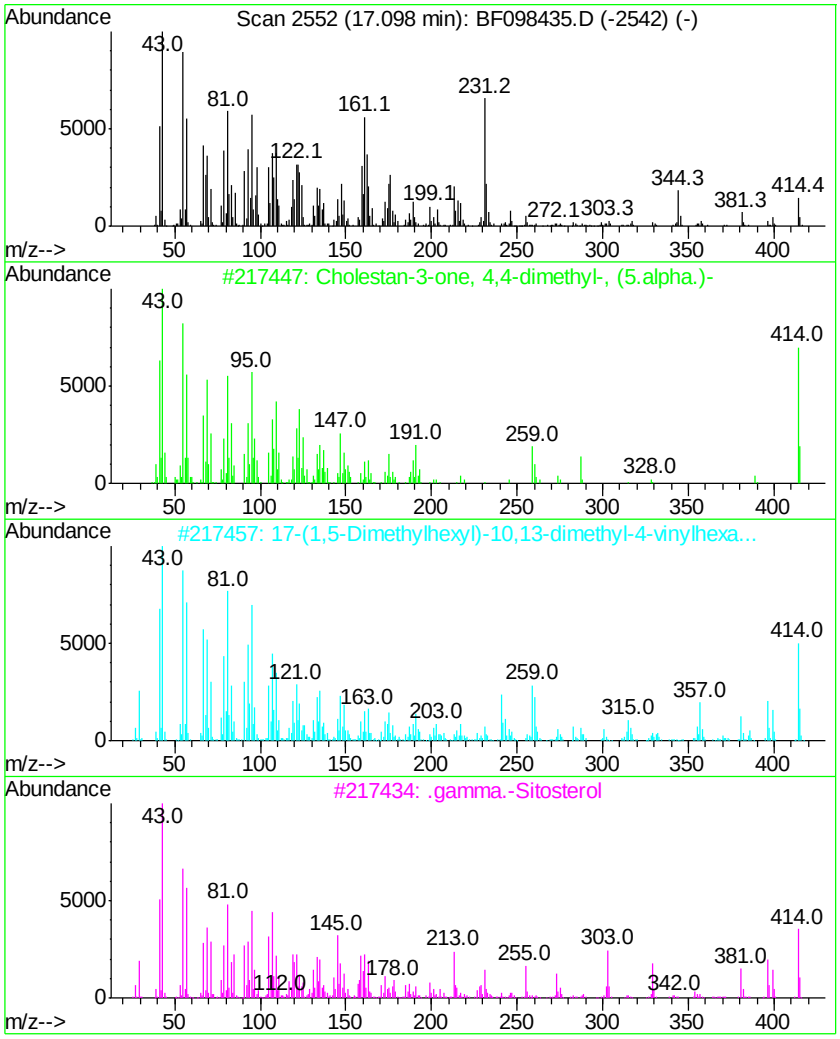
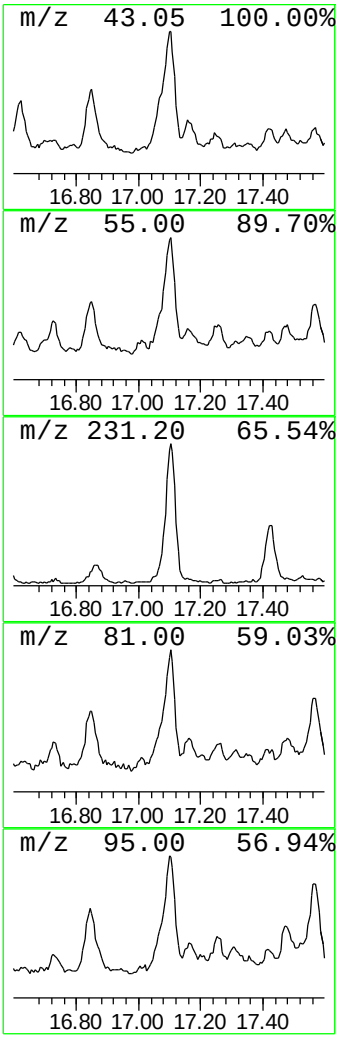
Peak Number 15 Cholestan-3-one, 4,4-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	54.99 ng	3078200	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	56
2	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	48
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	35
4	Carotol	222	C15H26O	000465-28-1	27
5	Guaiol	222	C15H26O	000489-86-1	22





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Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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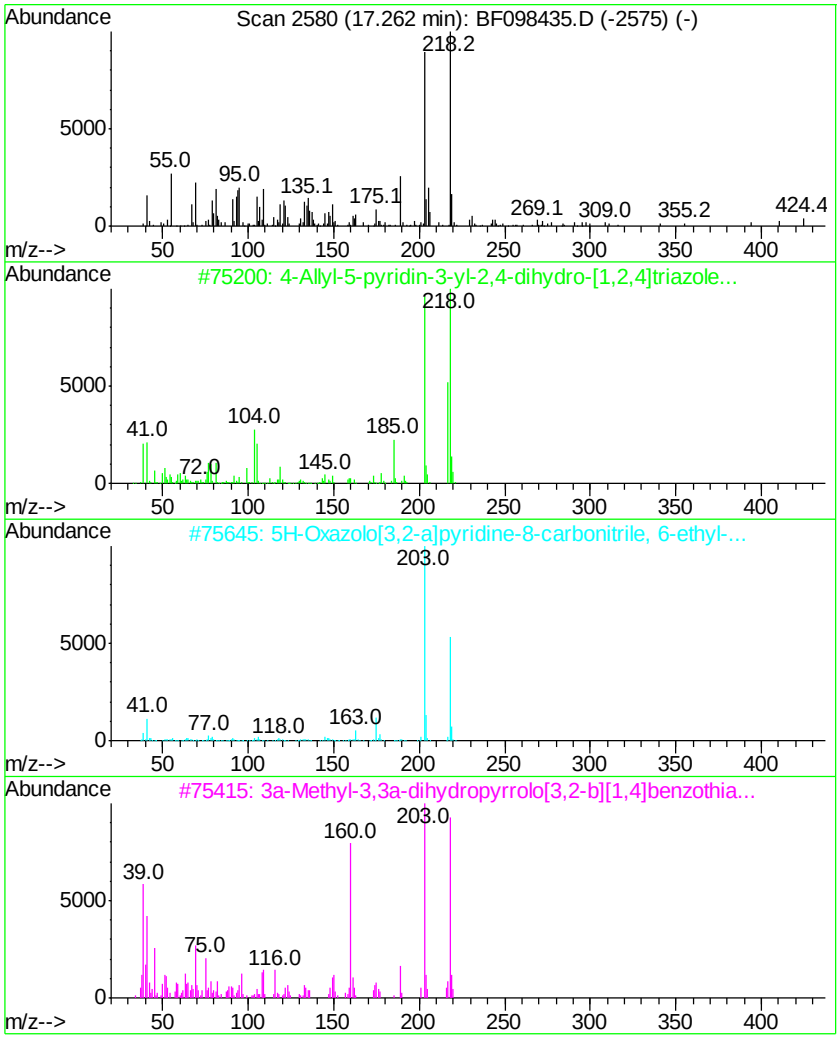
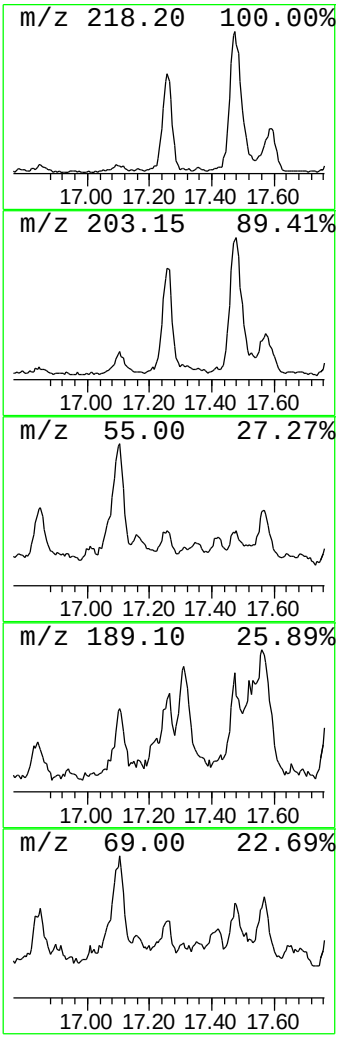
Peak Number 16 4-Allyl-5-pyridin-3-yl-2,4-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	7.59 ng	425040	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	72
2	5H-Oxazolo[3,2-a]pyridine-8-carb...	218	C12H14N2O2	1000337-58-3	72
3	3a-Methyl-3,3a-dihydropyrrolo[3,...	218	C11H10N2OS	017163-68-7	72
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	64
5	6,7,8,9-Tetrahydrodibenzo[b,d]fu...	260	C15H16O4	1000196-34-3	64





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Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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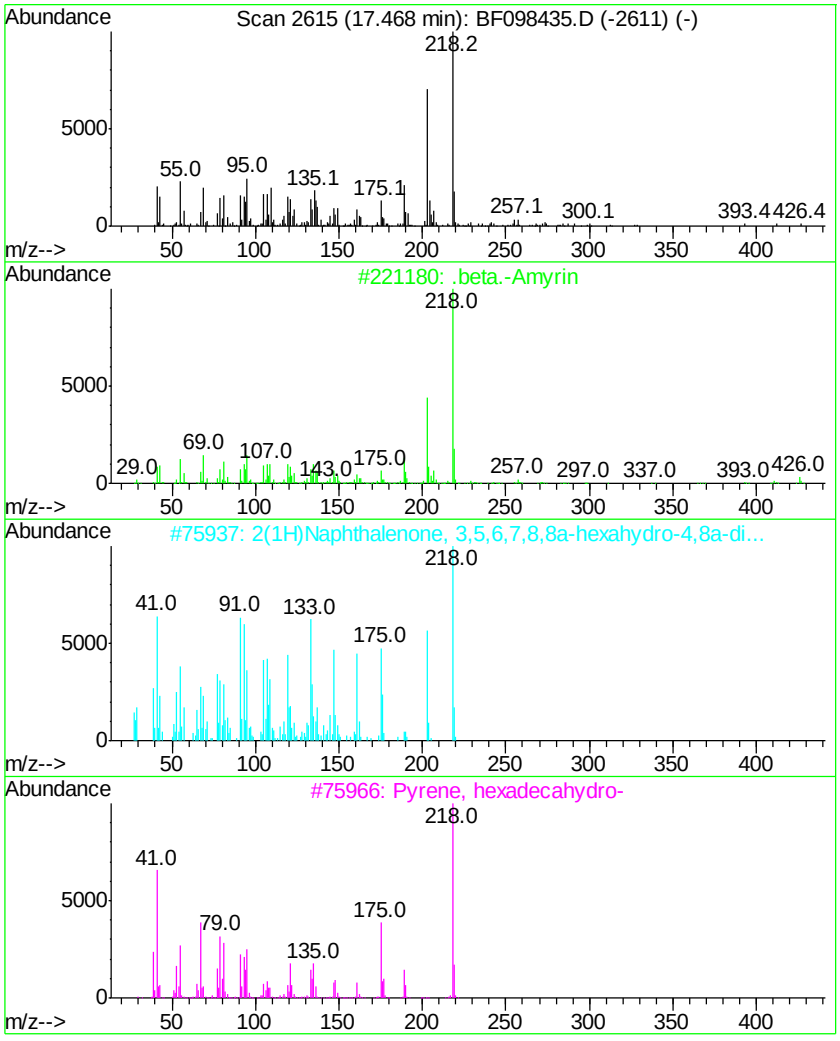
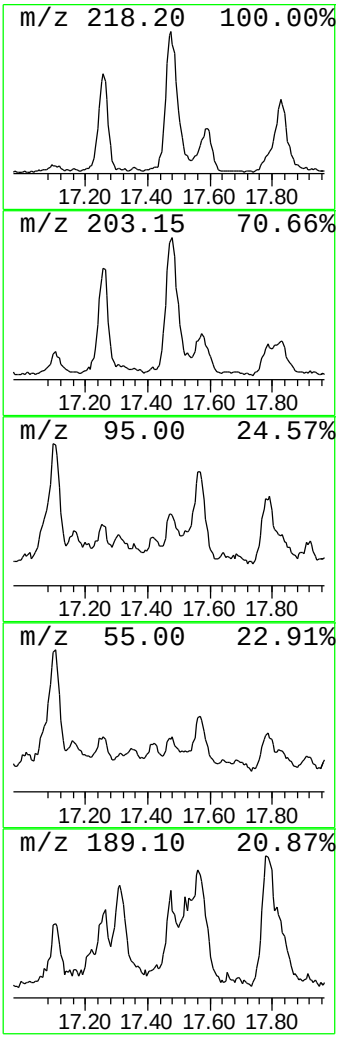
Peak Number 17 .beta.-Amyrin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	12.02 ng	672723	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	76
3	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	55
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	53
5	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	50





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Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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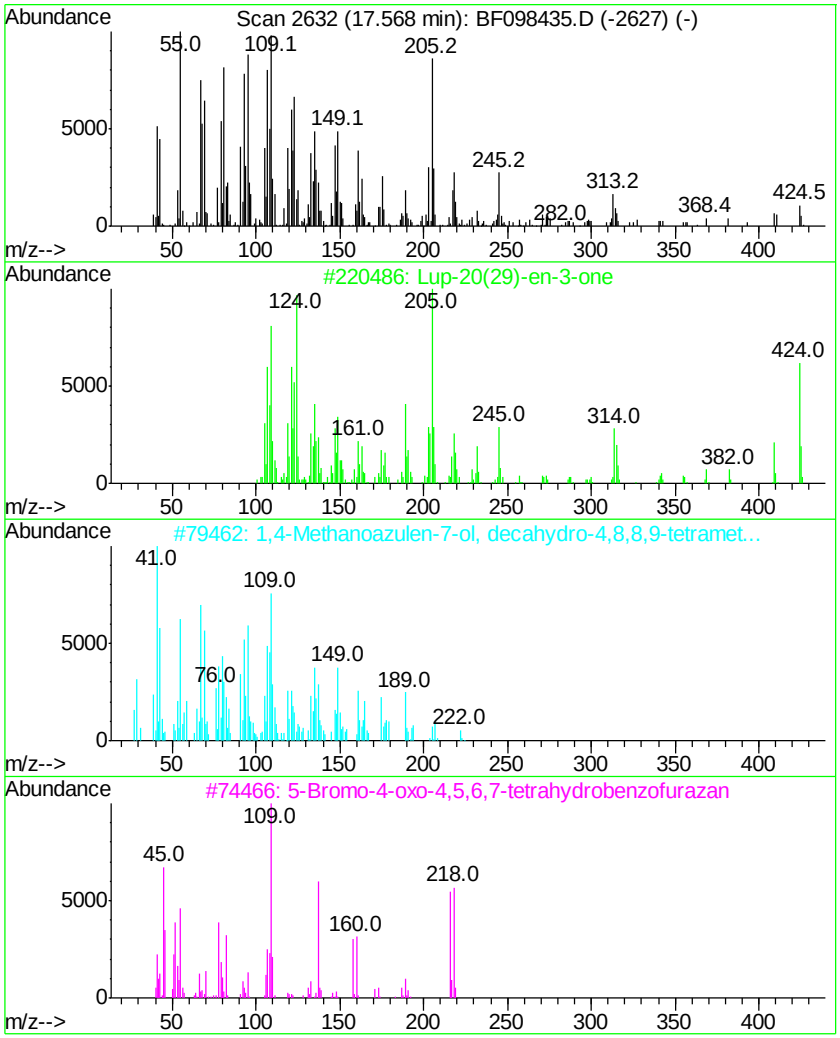
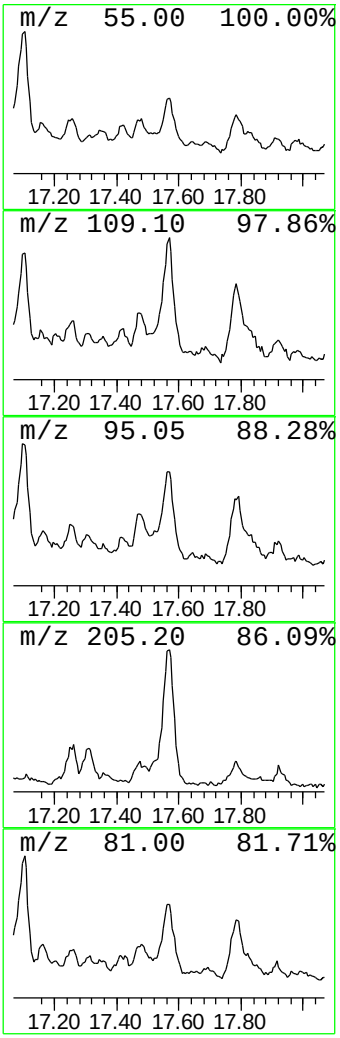
Peak Number 18 Lup-20(29)-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	27.83 ng	1557780	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	83
2	1,4-Methanoazulen-7-ol, decahydr...	222	C15H26O	018319-27-2	64
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
4	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	50
5	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	41





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Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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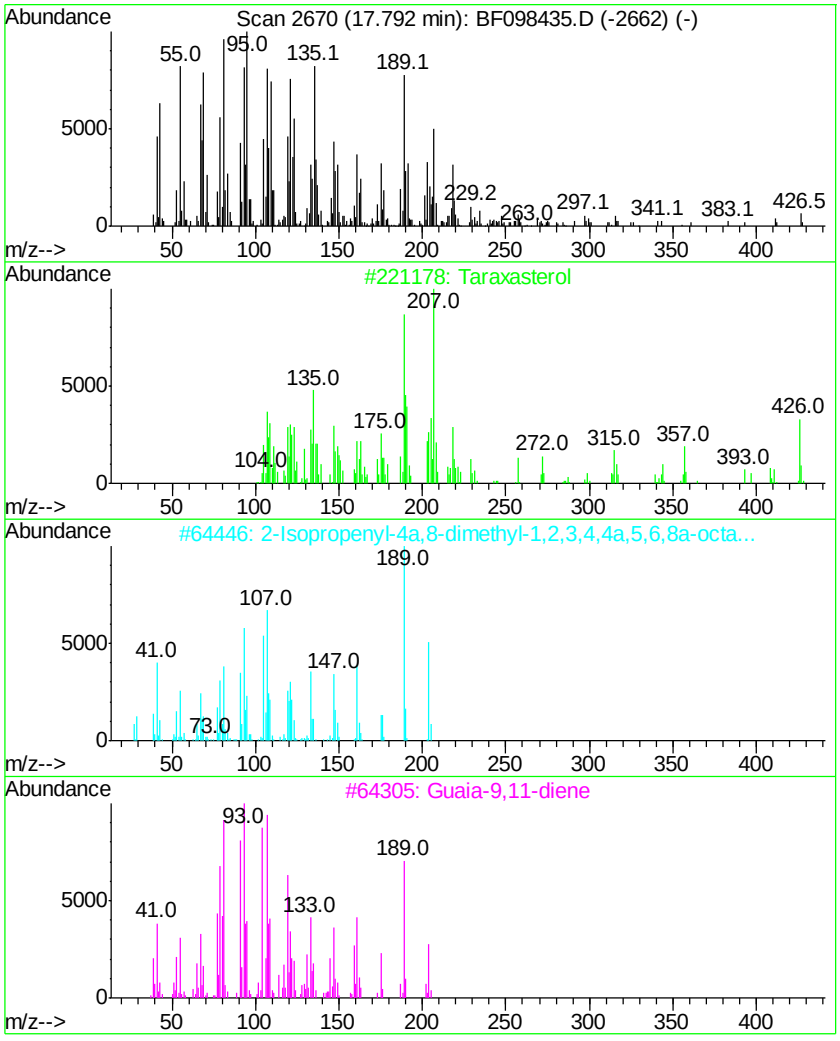
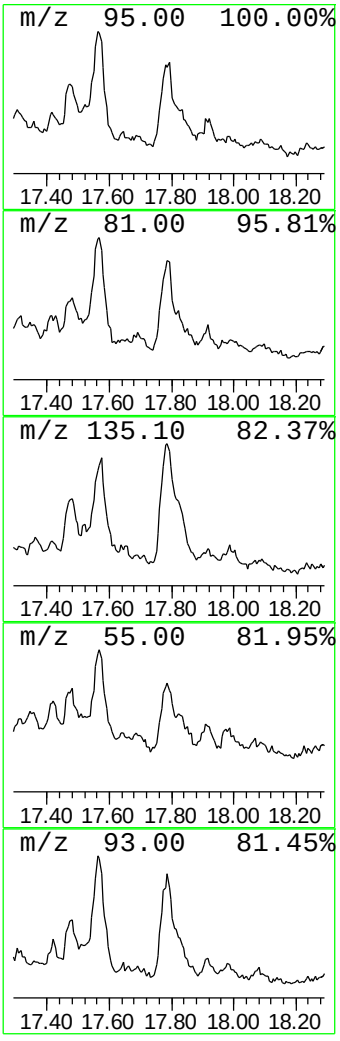
Peak Number 19 Taraxasterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	25.26 ng	1414190	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Taraxasterol	426	C30H50O	001059-14-9	78
2	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	70
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	70
4	Longifolenaldehyde	220	C15H24O	019890-84-7	55
5	1,5,9,13-Tetradecatetraene	190	C14H22	051487-38-8	42





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Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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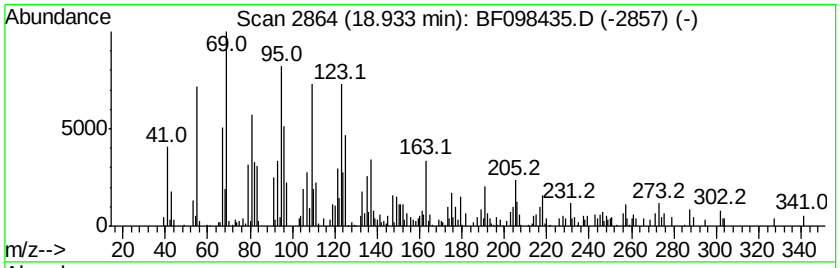
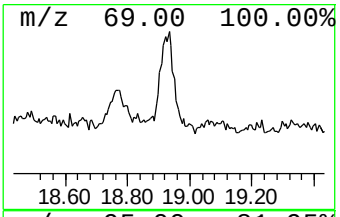
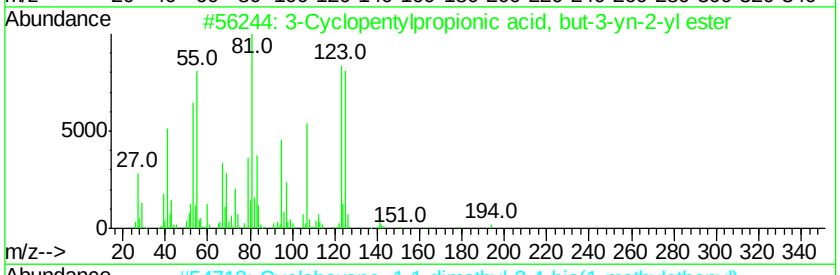
Peak Number 20 3-Cyclopentylpropionic acid... Concentration Rank 12

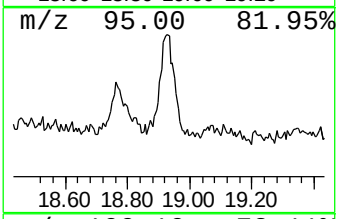
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	10.80 ng	604432	Perylene-d12	15.22

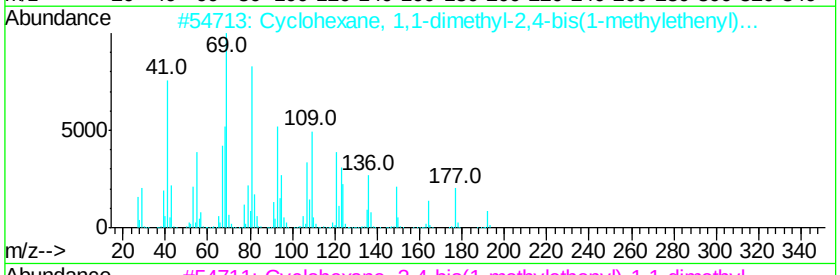
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	62
2	Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	46
3	Cyclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	46
4	7-Tetradecyne	194	C14H26	035216-11-6	45
5	Bicyclo[7.7.0]hexadec-1(9)-ene	220	C16H28	1000159-39-6	42

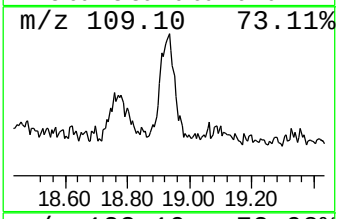


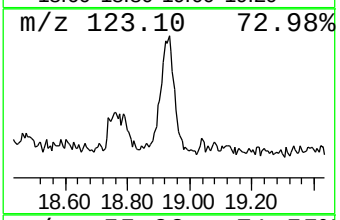


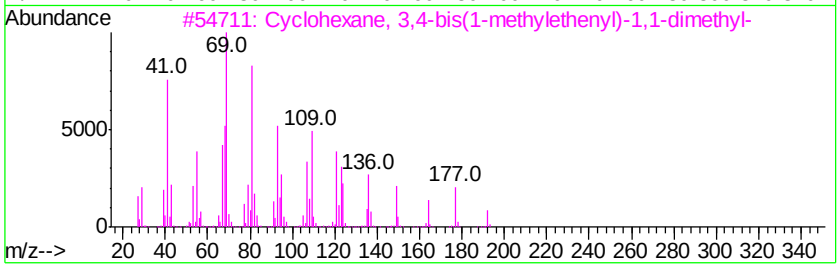


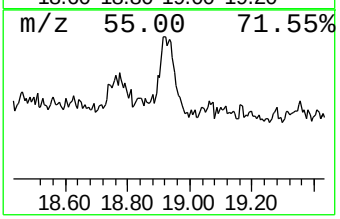












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF091117\
Data File : BF098435.D
Acq On : 12 Sep 2017 6:33
Operator : SJ/JU
Sample : I5138-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-WM-TS007-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
2-Pentanone, 4-hy...	4.86	9.1	ng	690653	1	6.67	1515320	20.0
unknown6.45	6.45	81.7	ng	6192620	1	6.67	1515320	20.0
unknown11.24	11.24	4.8	ng	381485	4	11.18	1582350	20.0
9-Eicosene, (E)-	12.23	12.8	ng	1008750	4	11.18	1582350	20.0
Ethanol, 2-(tetra...	13.66	8.6	ng	558290	5	13.82	1293720	20.0
Tetratetracontane	14.29	7.0	ng	453542	5	13.82	1293720	20.0
Heptacosane	14.89	25.6	ng	1432920	6	15.22	1119530	20.0
Pentadecane, 8-he...	15.63	31.2	ng	1748990	6	15.22	1119530	20.0
Cholestan-3-ol	15.84	7.0	ng	391745	6	15.22	1119530	20.0
dl-.alpha.-Tocoph...	15.87	11.9	ng	666170	6	15.22	1119530	20.0
Hexadecane	16.62	9.5	ng	533345	6	15.22	1119530	20.0
unknown16.84	16.84	26.4	ng	1475830	6	15.22	1119530	20.0
unknown17.01	17.01	7.5	ng	421867	6	15.22	1119530	20.0
Cholestan-3-one, ...	17.10	55.0	ng	3078200	6	15.22	1119530	20.0
4-Allyl-5-pyridin...	17.26	7.6	ng	425040	6	15.22	1119530	20.0
.beta.-Amyrin	17.47	12.0	ng	672723	6	15.22	1119530	20.0
Lup-20(29)-en-3-one	17.57	27.8	ng	1557780	6	15.22	1119530	20.0
Taraxasterol	17.79	25.3	ng	1414190	6	15.22	1119530	20.0
3-Cyclopentylprop...	18.93	10.8	ng	604432	6	15.22	1119530	20.0