LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

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-BF092016.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	1.656	4	6	61	rVB	3553680	10341082	100.00%	13.590%
2	4.593	260	263	271	rBV	369021	694556	6.72%	0.913%
3	5.062	301	304	307	rBV	2549262	2984264	28.86%	3.922%
4	5.382	329	332	337	rBV	71942	120982	1.17%	0.159%
5	5.736	361	363	365	rVB	115161	115033	1.11%	0.151%
6	6.159	395	400	402	rBV	2720611	3395052	32.83%	4.462%
7	6.262	406	409	411	rVV	3154251	3094035	29.92%	4.066%
8	6.490	427	429	435	rBV	784027	719726	6.96%	0.946%
9	6.650	441	443	445	rVB	2628865	2613491	25.27%	3.434%
10	6.913	463	466	468	rBV	337194	373890	3.62%	0.491%
11	7.062	476	479	482	rBV	1666686	2131175	20.61%	2.801%
12	7.782	539	542	544	rBV	726270	885374	8.56%	1.164%
13	8.410	595	597	599	rVV	141030	207613	2.01%	0.273%
14	8.856	634	636	638	rBV	3198162	2813625	27.21%	3.698%
15	8.971	644	646	654	rVB3	50415	133338	1.29%	0.175%
16	9.188	660	665	667	rBV2	160143	258218	2.50%	0.339%
17	9.256	669	671	676	rVB	1027926	941976	9.11%	1.238%
18	9.382	678	682	685	rBV2	101102	203962	1.97%	0.268%
19	9.439	685	687	690	rBV3	75356	130613	1.26%	0.172%
20	9.519	692	694	696	rBV	1071189	1036231	10.02%	1.362%
21	9.656	702	706	707	rBV	101731	145719	1.41%	0.191%
22	10.182	748	752	755	rBV4	65177	115426	1.12%	0.152%
23	10.296	759	762	765	rBV2	1313657	1892203	18.30%	2.487%
24	10.445	771	775	778	rBV2	149530	272687	2.64%	0.358%
25	10.502	778	780	781	rVV	158231	130974	1.27%	0.172%
26	10.536	781	783	784	rVV	190754	197230	1.91%	0.259%
27	10.571	784	786	789	rVV3	117511	246990	2.39%	0.325%
28	10.639	789	792	794	rVV3	82077	212987	2.06%	0.280%
29	10.674	794	795	797	rVV2	238386	283383	2.74%	0.372%
30	10.719	797	799	801	rVV	123828	200633	1.94%	0.264%
31	10.754	801	802	805	rVB2	137225	130180	1.26%	0.171%
32	10.982	820	822	827	rBV	794620	943110	9.12%	1.239%
33	11.051	827	828	832	rVB3	120829	158694	1.53%	0.209%
34	11.176	837	839	842	rVB2	110895	138667	1.34%	0.182%

LSC Area Percent Report

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Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.245	842	845	850	rVB3	79539	164278	1.59%	0.216%
36	11.474	863	865	867	rBV2	79677	106072	1.03%	0.139%
37	11.554	870	872	874	rBV	464351	479975	4.64%	0.631%
38	11.668	880	882	885	rBV4	92518	148166	1.43%	0.195%
39	11.725	885	887	889	rVB2	61418	104058	1.01%	0.137%
40	11.839	895	897	899	rBV	161698	163603	1.58%	0.215%
41	11.931	904	905	909	rVB2	103472	124402	1.20%	0.163%
42	12.034	911	914	915	rBV3	74390	117392	1.14%	0.154%
43	12.057	915	916	922	rBV4	80976	119101	1.15%	0.157%
44	12.182	926	927	930	rBV	135083	116419	1.13%	0.153%
45	12.239	930	932	935	rBV	1403884	1348086	13.04%	1.772%
46	12.399	944	946	949	rBV	102938	185738	1.80%	0.244%
47	12.571	958	961	963	rBV	1758608	1703937	16.48%	2.239%
48	12.697	970	972	974	rVB2	261969	269852	2.61%	0.355%
49	12.742	974	976	979	rVB3	96737	185446	1.79%	0.244%
50	12.799	979	981	985	rBV3	108780	210489	2.04%	0.277%
51	12.868	985	987	991	rVB3	98218	144738	1.40%	0.190%
52	12.948	992	994	997	rVV2	123978	257147	2.49%	0.338%
53	12.994	997	998	1000	rVV2	204606	213303	2.06%	0.280%
54	13.028	1000	1001	1003	rVV2	120580	200044	1.93%	0.263%
55	13.074	1003	1005	1009	rVB	408691	433504	4.19%	0.570%
56	13.428	1034	1036	1039	rVB	281281	292263	2.83%	0.384%
57	13.485	1039	1041	1044	rBV	806832	845933	8.18%	1.112%
58	13.600	1048	1051	1052	rBV	670082	736792	7.12%	0.968%
59	13.702	1058	1060	1063	rBV3	80569	144140	1.39%	0.189%
60	14.114	1094	1096	1099	rBV	1201515	1654733	16.00%	2.175%
61	14.468	1125	1127	1129	rVB	198935	183603	1.78%	0.241%
62	14.583	1135	1137	1141	rBV	139232	285032	2.76%	0.375%
63	14.708	1145	1148	1150	rVV2	560336	959481	9.28%	1.261%
64	14.823	1156	1158	1161	rVB	82497	110355	1.07%	0.145%
65	14.880	1161	1163	1165	rVB2	141121	181921	1.76%	0.239%
66	14.925	1165	1167	1169	rBV	575660	613858	5.94%	0.807%
67	15.337	1201	1203	1205	rBV	246747	405396	3.92%	0.533%
68	15.383	1205	1207	1210	rVB	529789	773207	7.48%	1.016%
69	15.428	1210	1211	1214	rVB3	96176	134688	1.30%	0.177%
70	15.485	1214	1216	1218	rBV	284633	607106	5.87%	0.798%
71	15.657	1226	1231	1233	rBV2	224948	551541	5.33%	0.725%

LSC Area Percent Report

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Sample : H4867-03
Misc :
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Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.851	1246	1248	1252	rVB	139502	249671	2.41%	0.328%
73	15.954	1255	1257	1262	rVV2	115417	275896	2.67%	0.363%
74	16.103	1265	1270	1275	rVV6	170574	596796	5.77%	0.784%
75	16.217	1276	1280	1282	rVV2	211007	538153	5.20%	0.707%
76	16.263	1282	1284	1287	rVV2	182239	353169	3.42%	0.464%
77	16.354	1287	1292	1295	rVV4	240639	917089	8.87%	1.205%
78	16.400	1295	1296	1303	rVB2	184587	368080	3.56%	0.484%
79	16.548	1305	1309	1320	rVV4	865167	3469556	33.55%	4.559%
80	16.708	1320	1323	1327	rVV	209301	516491	4.99%	0.679%
81	16.788	1327	1330	1333	rVV2	396703	1009148	9.76%	1.326%
82	16.891	1336	1339	1344	rVV	380495	1335688	12.92%	1.755%
83	16.971	1344	1346	1351	rVV2	401341	1055858	10.21%	1.388%
84	17.086	1354	1356	1359	rVV3	129288	254594	2.46%	0.335%
85	17.154	1359	1362	1369	rVV2	502925	1743433	16.86%	2.291%
86	17.268	1369	1372	1374	rVV3	156908	341866	3.31%	0.449%
87	17.337	1374	1378	1383	rVB	460950	1095044	10.59%	1.439%
88	17.543	1393	1396	1400	rBV4	88850	244127	2.36%	0.321%
89	17.691	1406	1409	1410	rBV2	59064	131448	1.27%	0.173%
90	17.737	1411	1413	1418	rVB3	112880	270714	2.62%	0.356%
91	17.989	1430	1435	1442	rVB	437732	1428726	13.82%	1.878%
92	18.149	1442	1449	1454	rVV	1561724	5150349	49.80%	6.768%
93	18.251	1455	1458	1466	rVB3	125912	478375	4.63%	0.629%
94	19.257	1540	1546	1552	rBV4	110728	425846	4.12%	0.560%
95	19.440	1558	1562	1567	rBV2	97029	306275	2.96%	0.402%

Sum of corrected areas: 76095310

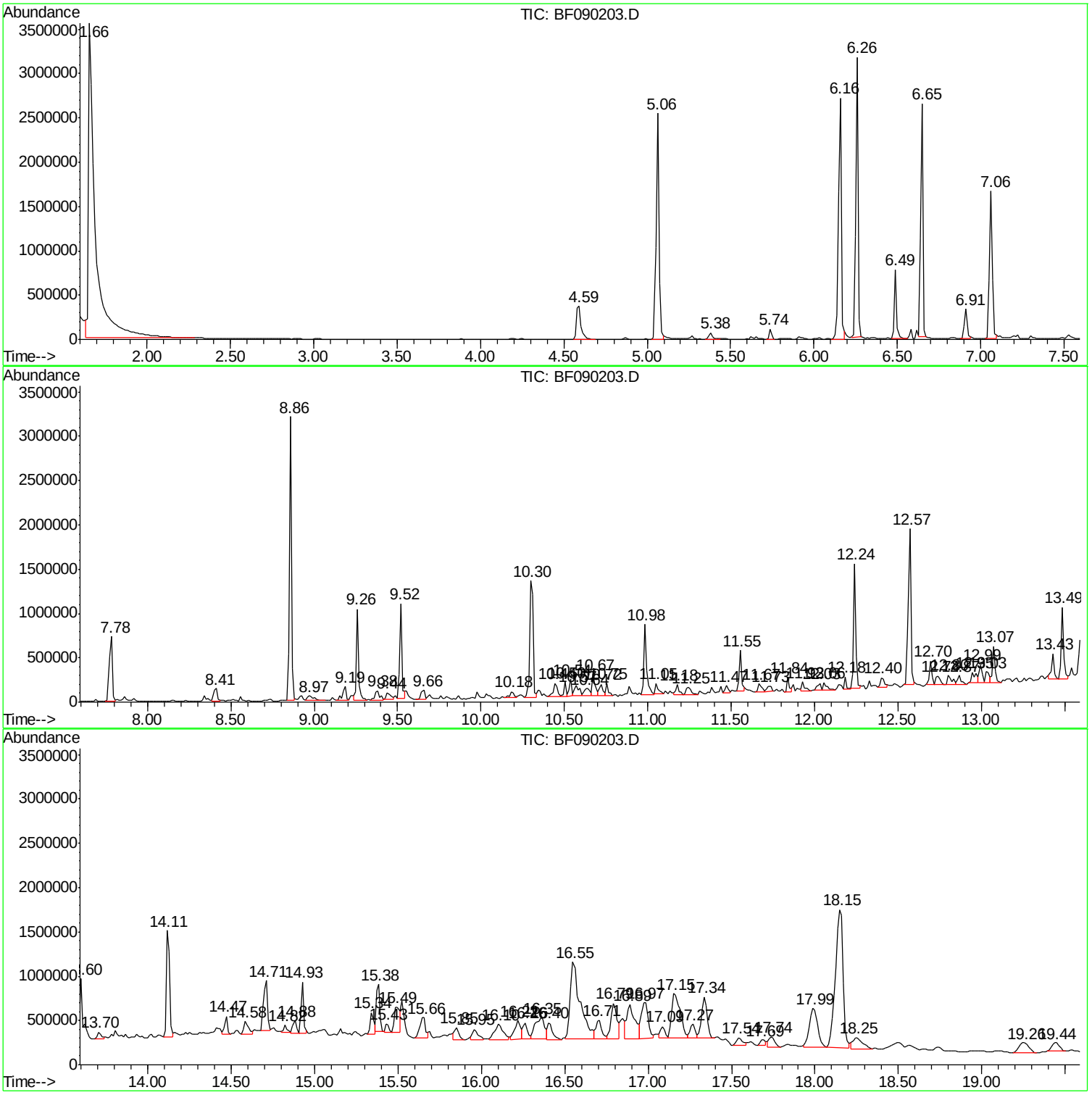
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

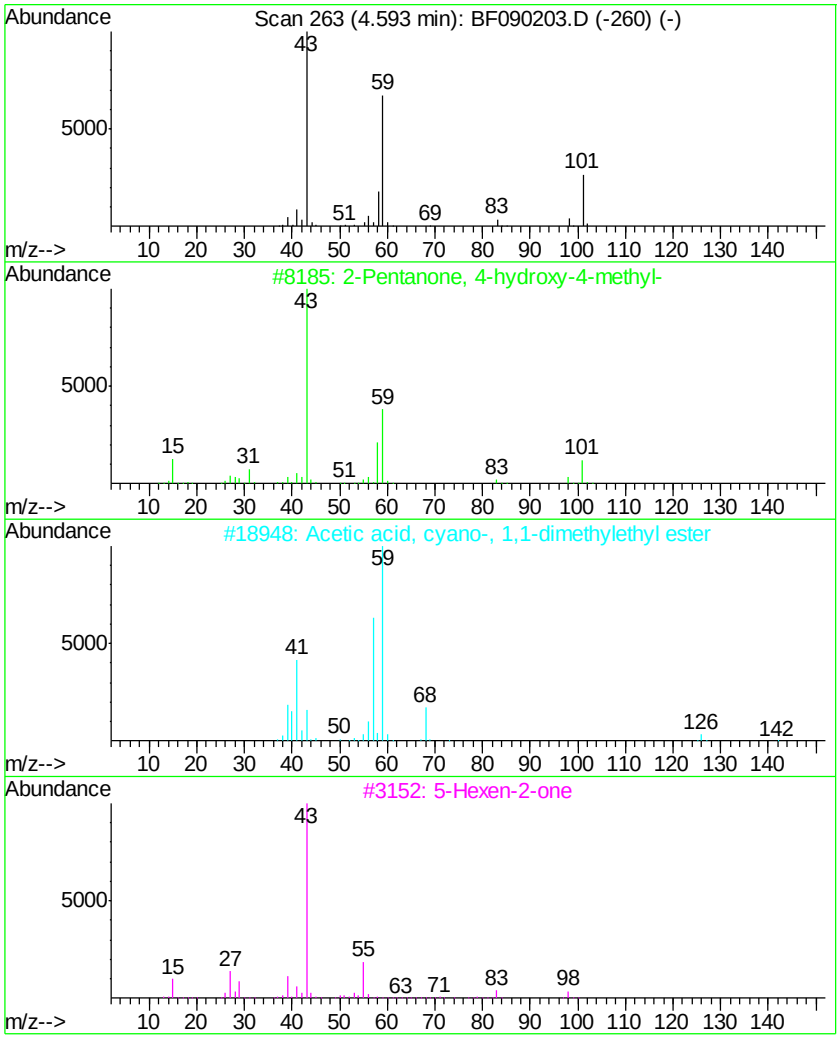
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

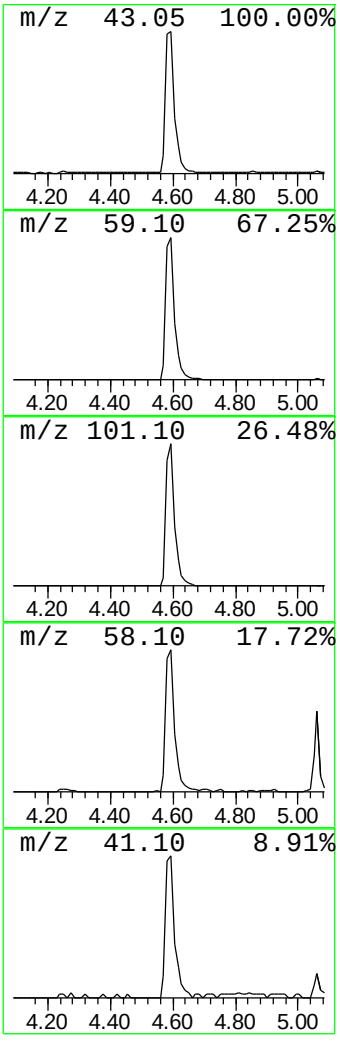
****

Peak Number 2 unknown4.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	19.30 ng	694556	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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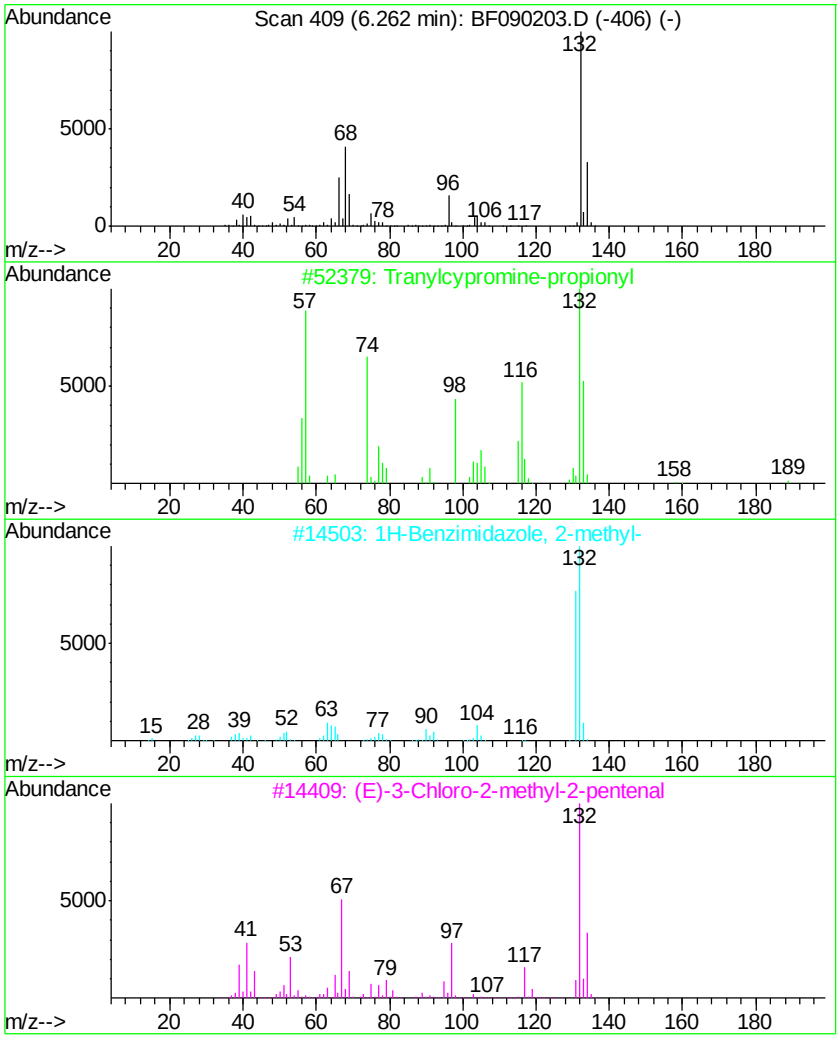
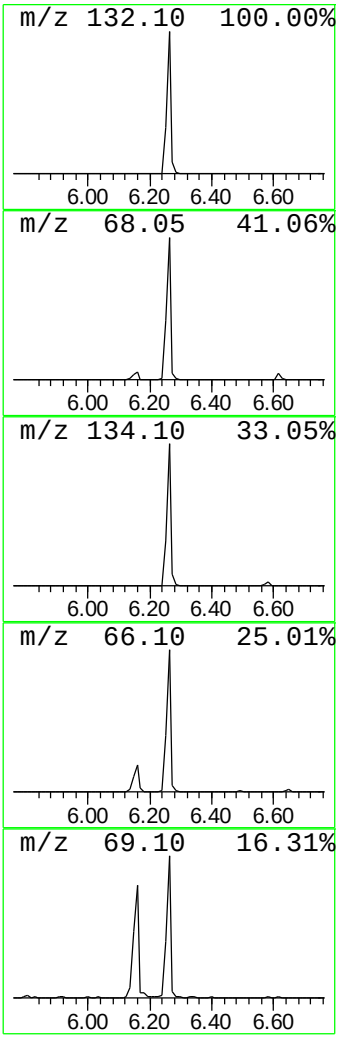
Peak Number 3 unknown6.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	85.98 ng	3094040	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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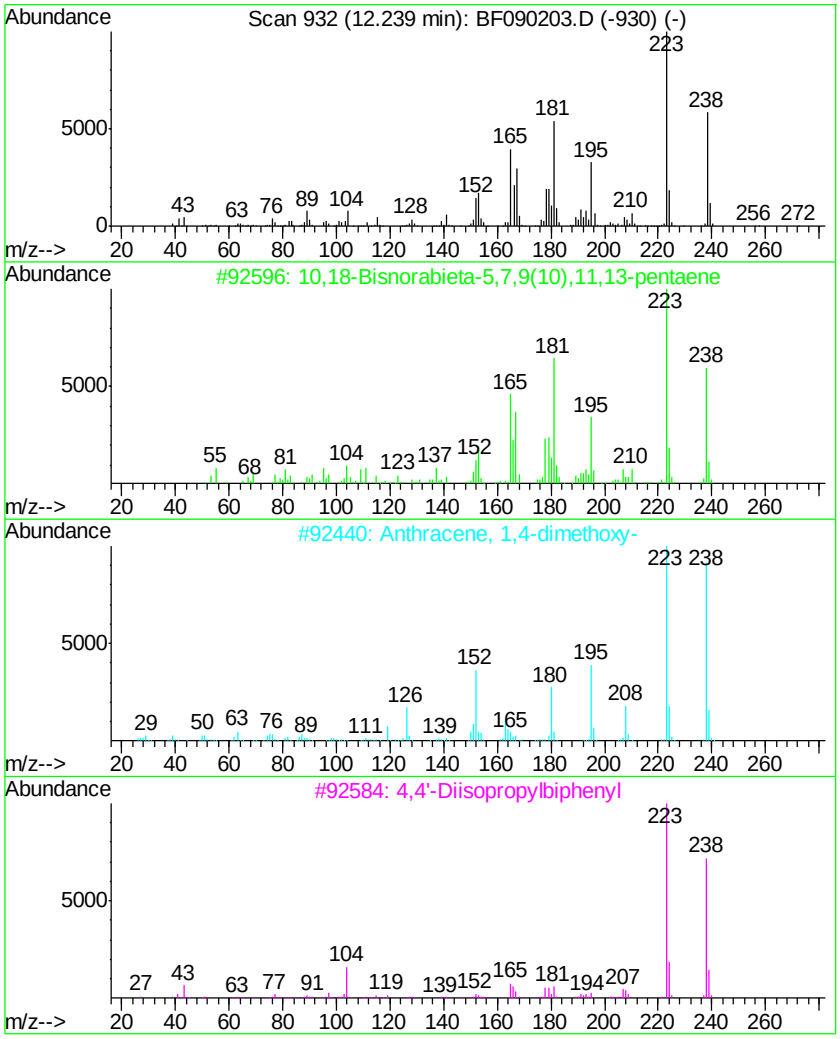
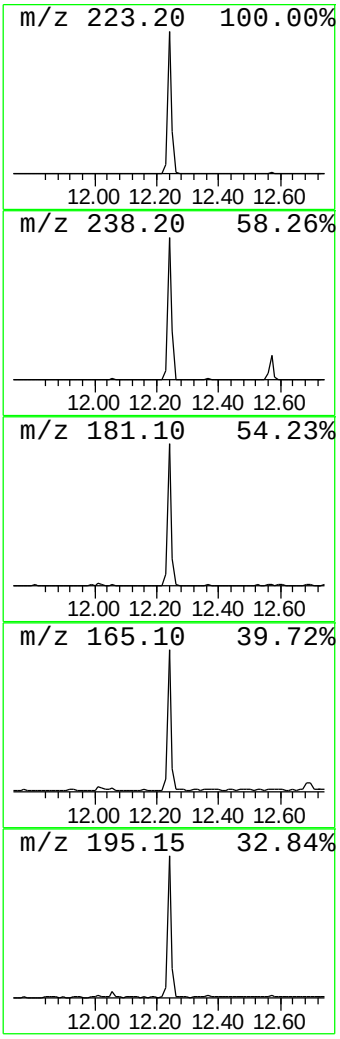
Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	28.59 ng	1348090	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	55
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	43





Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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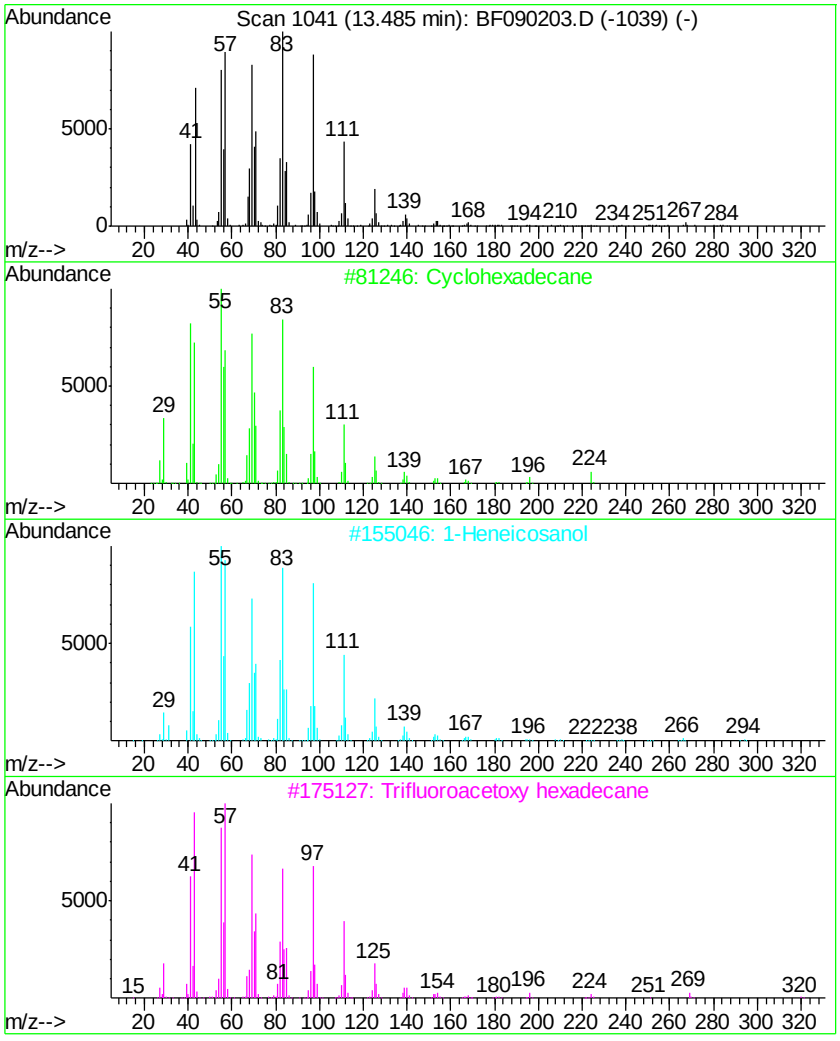
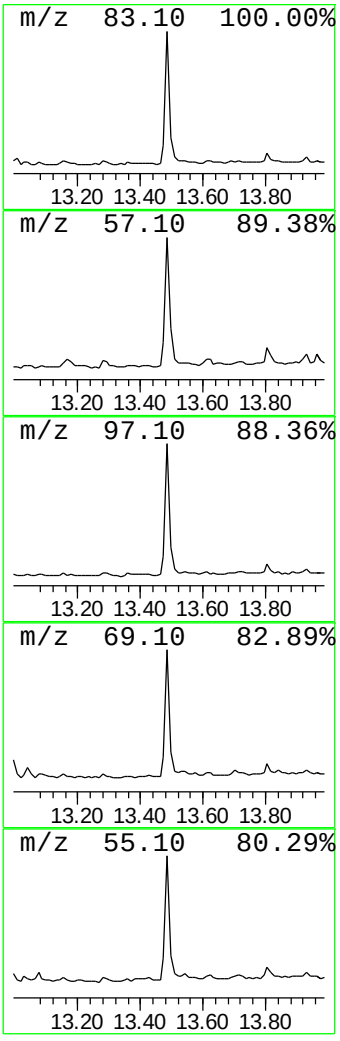
Peak Number 6 Cyclohexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	22.96 ng	845933	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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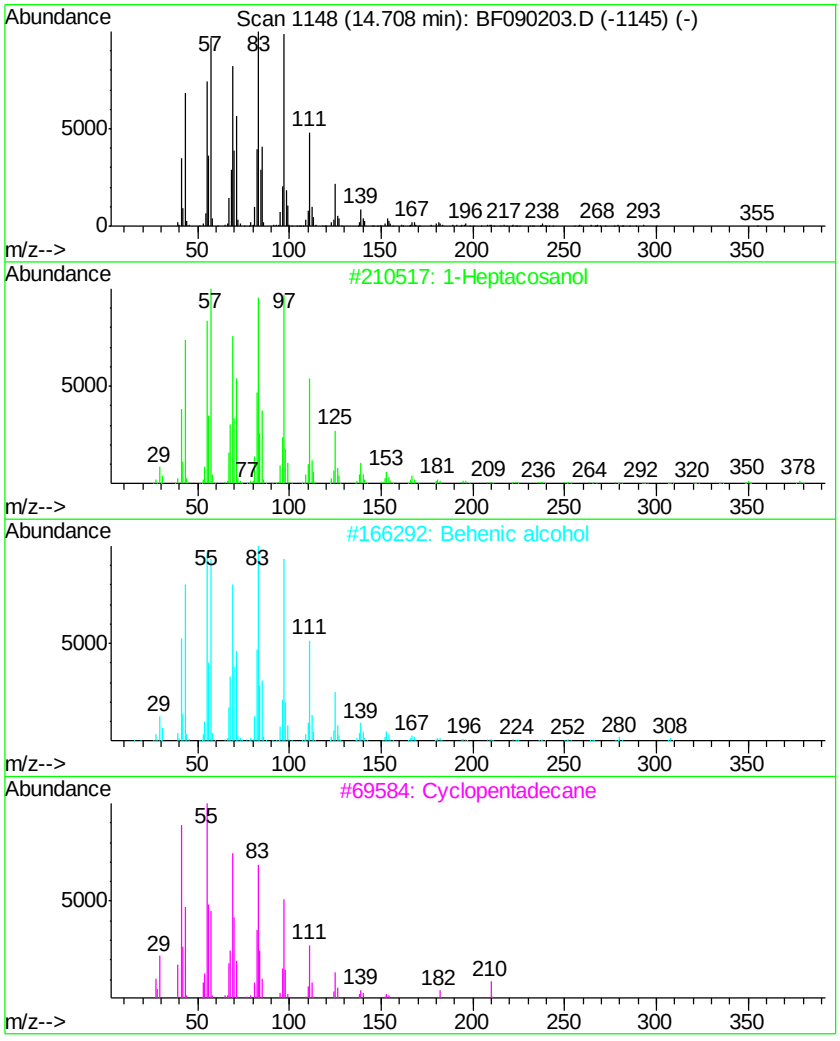
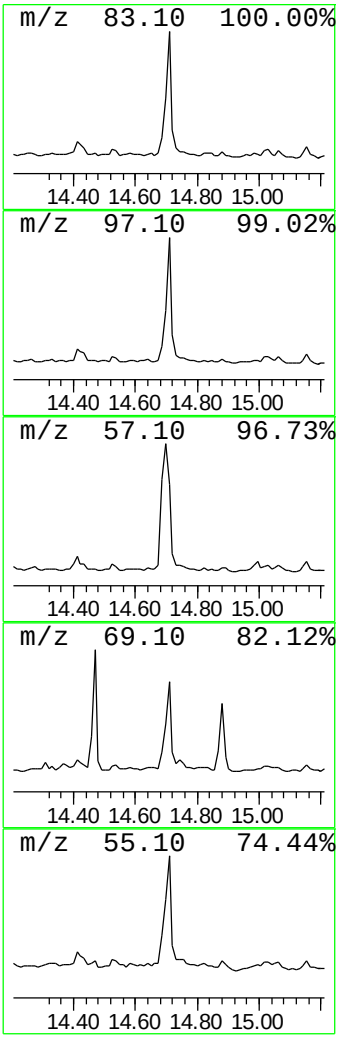
Peak Number 8 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	31.26 ng	959481	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Data Path : Z:\HPCHEM1\BNA_F\Data\BF092316\
Data File : BF090203.D
Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

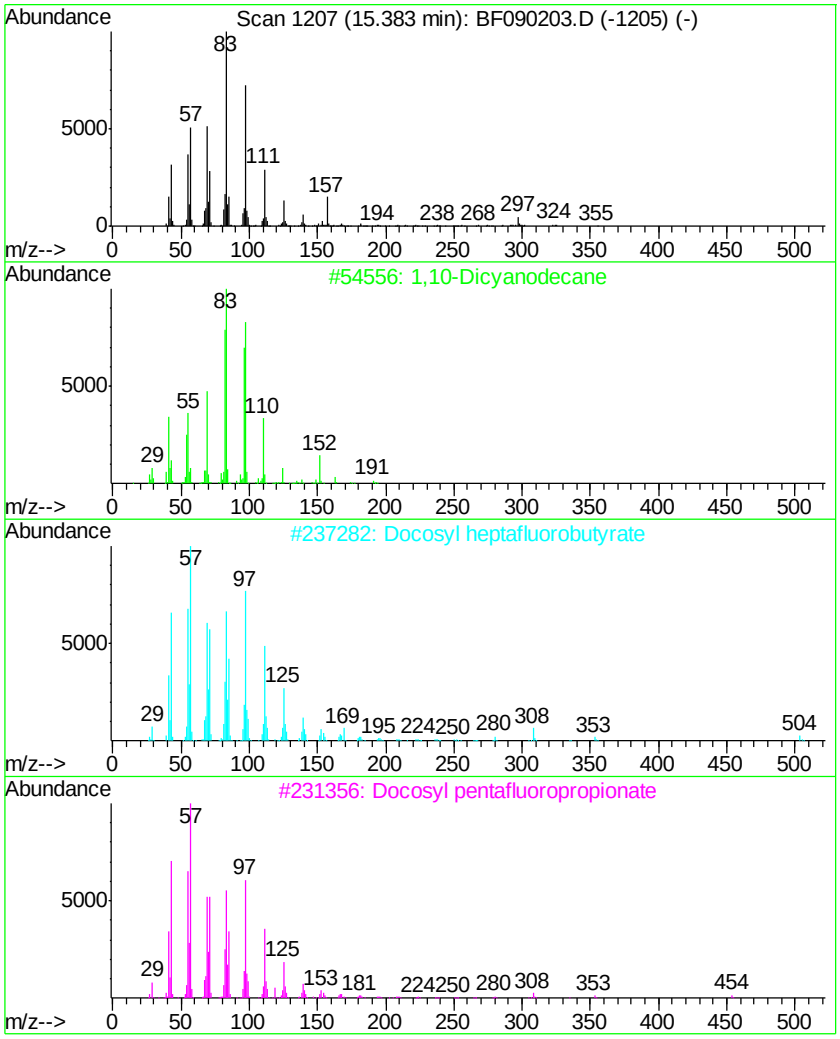
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

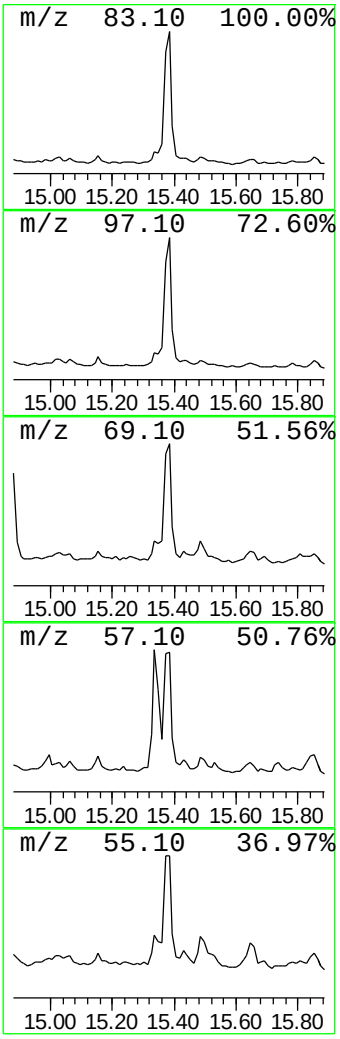
****

Peak Number 9 unknown15.38 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	25.19 ng	773207	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Dicyanodecane	192	C12H20N2	004543-66-2	49
2	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	43
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	43
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	43
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	43





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Acq On : 23 Sep 2016 17:49
Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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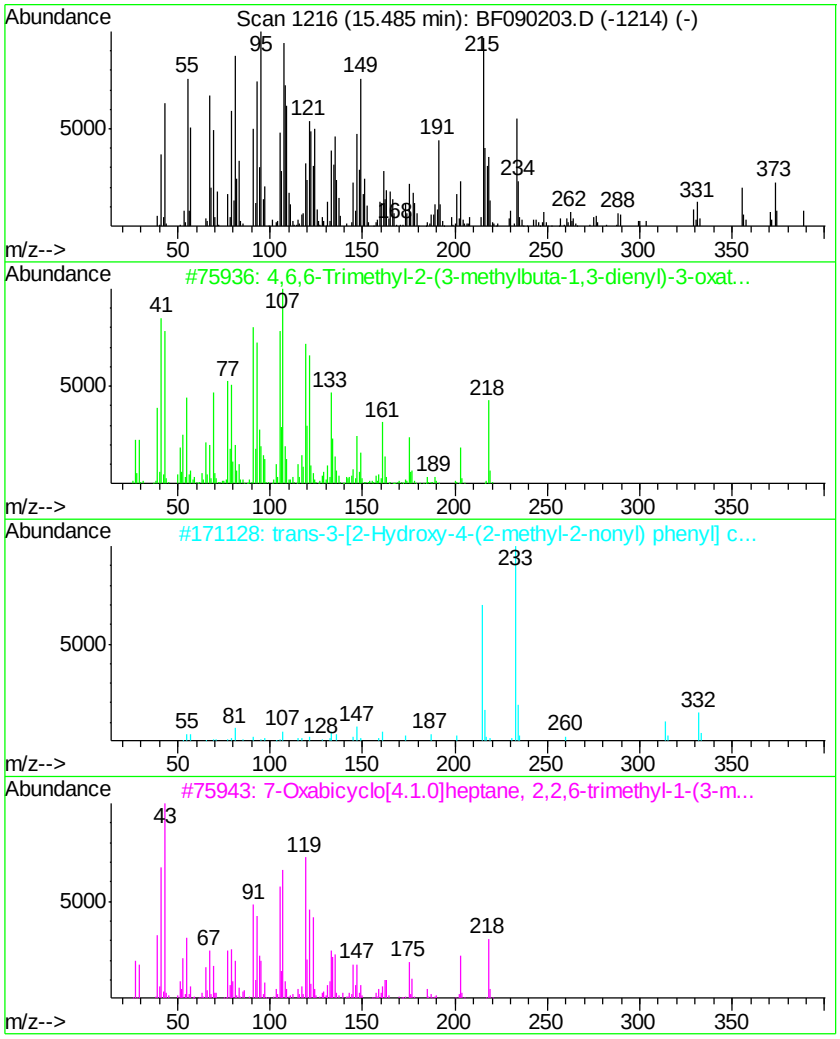
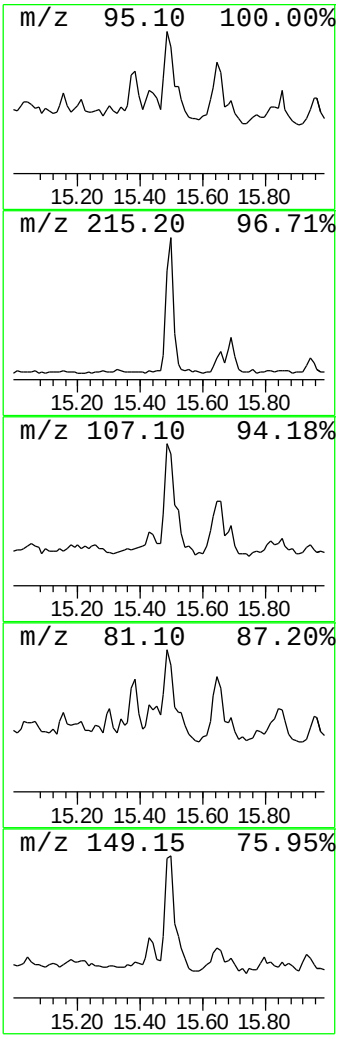
Peak Number 10 unknown15.49 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	19.78 ng	607106	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	44
2	trans-3-[2-Hydroxy-4-(2-methyl-2...	332	C22H36O2	1000370-41-7	38
3	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	25
4	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	25
5	2,3-Dichlorothiophene-5-sulfonyl...	250	C4HCl3O2S2	126714-85-0	18





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Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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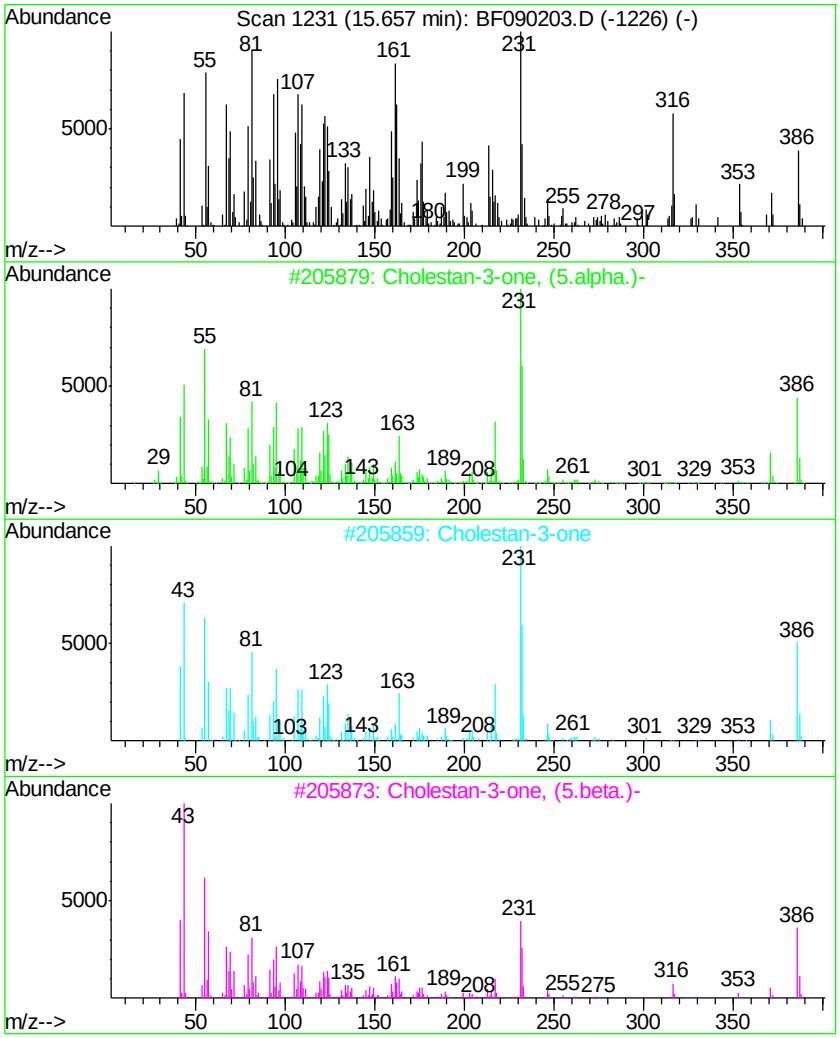
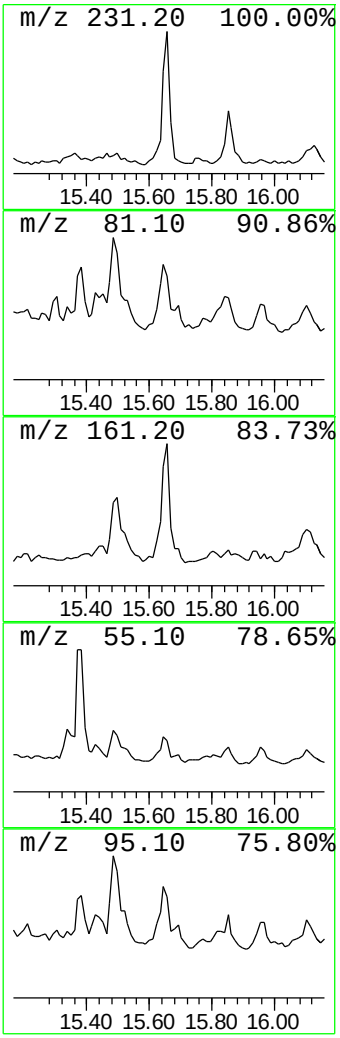
Peak Number 11 Cholestan-3-one, (5.alpha.)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	17.97 ng	551541	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	64
2	Cholestan-3-one	386	C27H46O	015600-08-5	50
3	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	41
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	38
5	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	25





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Misc :
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Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

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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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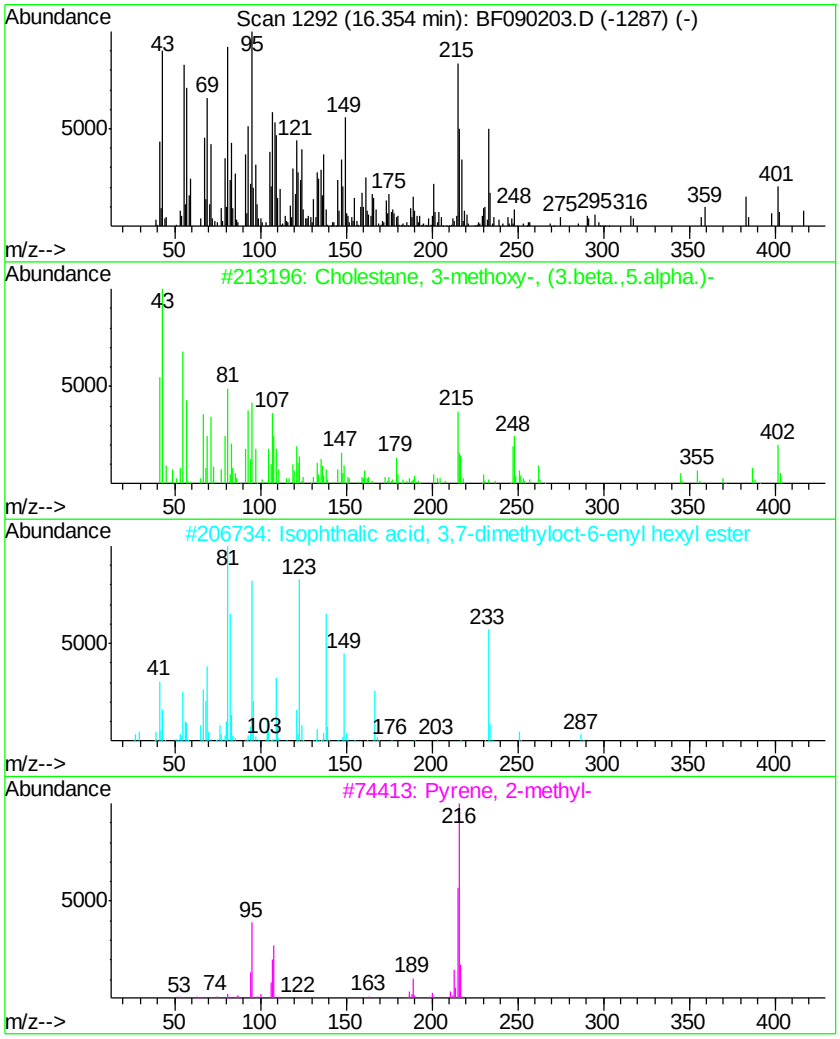
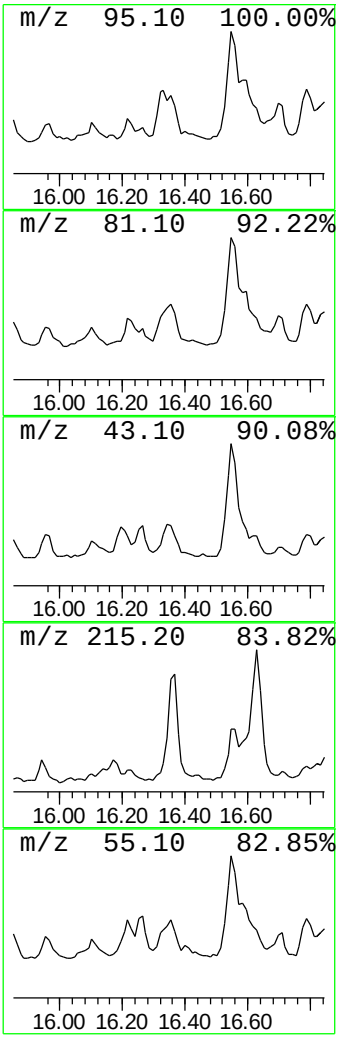
Peak Number 12 unknown16.35 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	29.88 ng	917089	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane, 3-methoxy-, (3.beta....	402	C28H50O	001981-90-4	32
2	Isophthalic acid, 3,7-dimethyloc...	388	C24H36O4	1000356-74-0	27
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	27
4	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	15
5	2-[(1R,3S)-3-Hydroxycyclohexyl]5...	318	C21H34O2	070434-82-1	14





Library Search Compound Report

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Operator : UM/SJ
Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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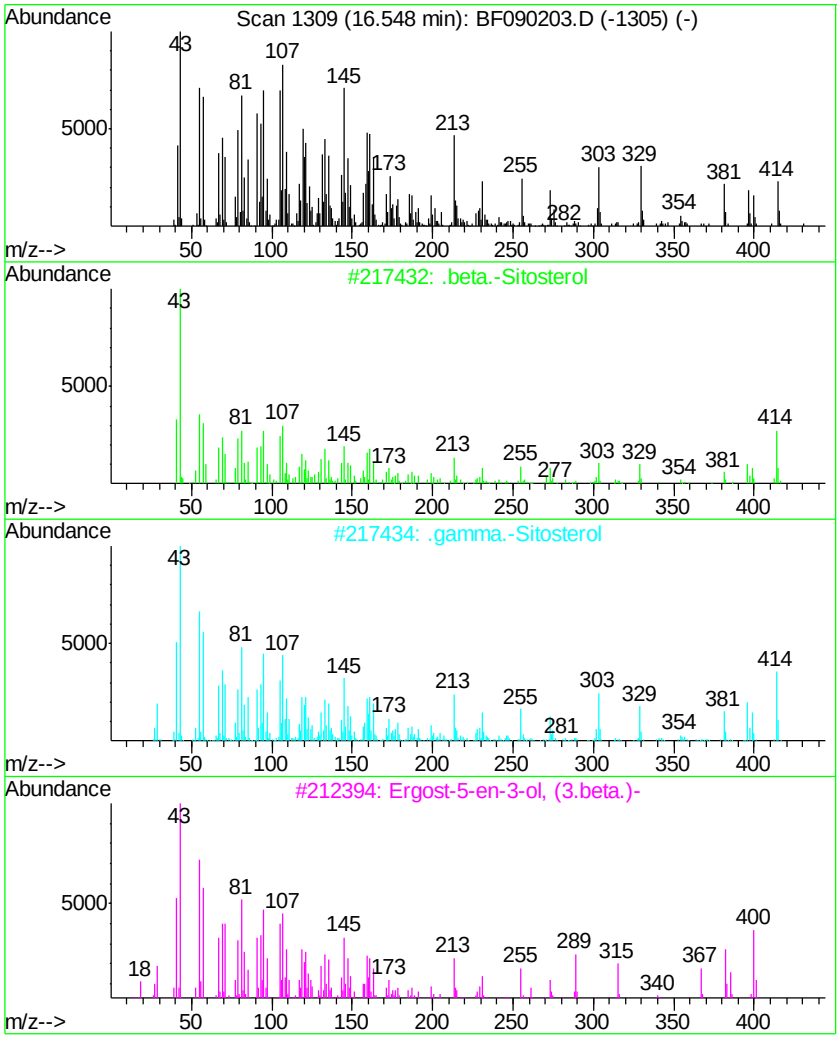
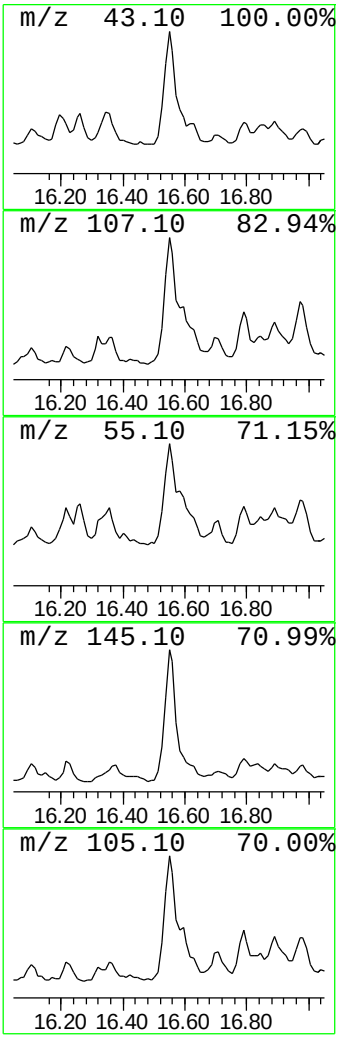
Peak Number 13 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	113.04 ng	3469560	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	76
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	49
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	13





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Instrument : BNA_F
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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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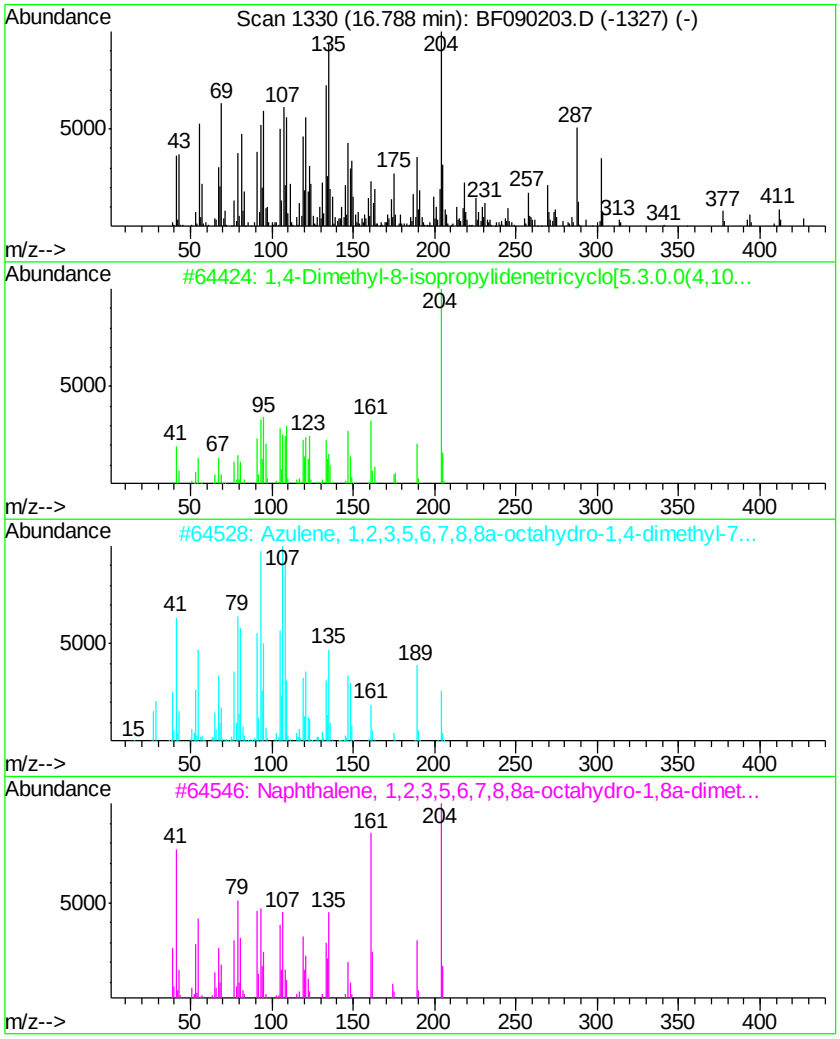
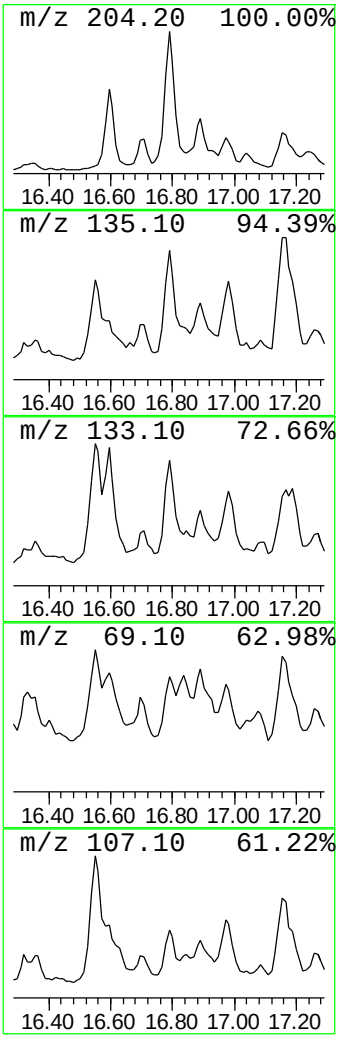
Peak Number 14 1,4-Dimethyl-8-isopropylide... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	32.88 ng	1009150	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	64
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	62
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	55
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43
5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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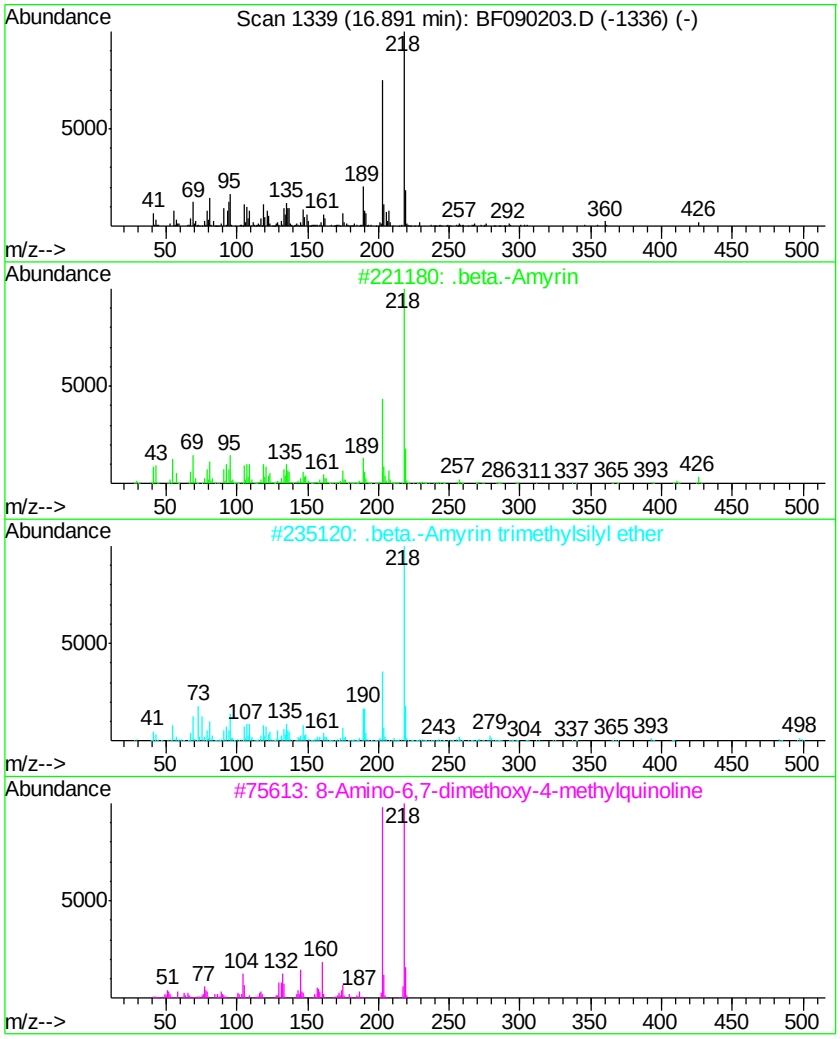
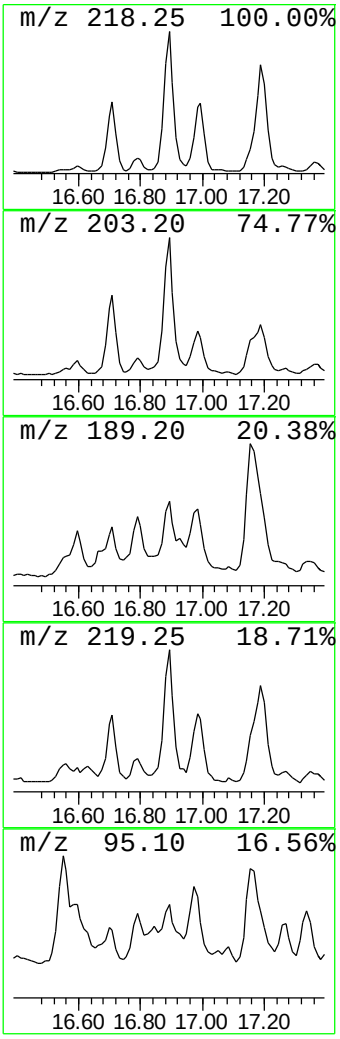
Peak Number 15 .beta.-Amyrin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	43.52 ng	1335690	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	86
2	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	64
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	59
4	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	59
5	5H-Oxazolo[3,2-a]pyridine-8-carb...	218	C12H14N2O2	1000337-58-3	59





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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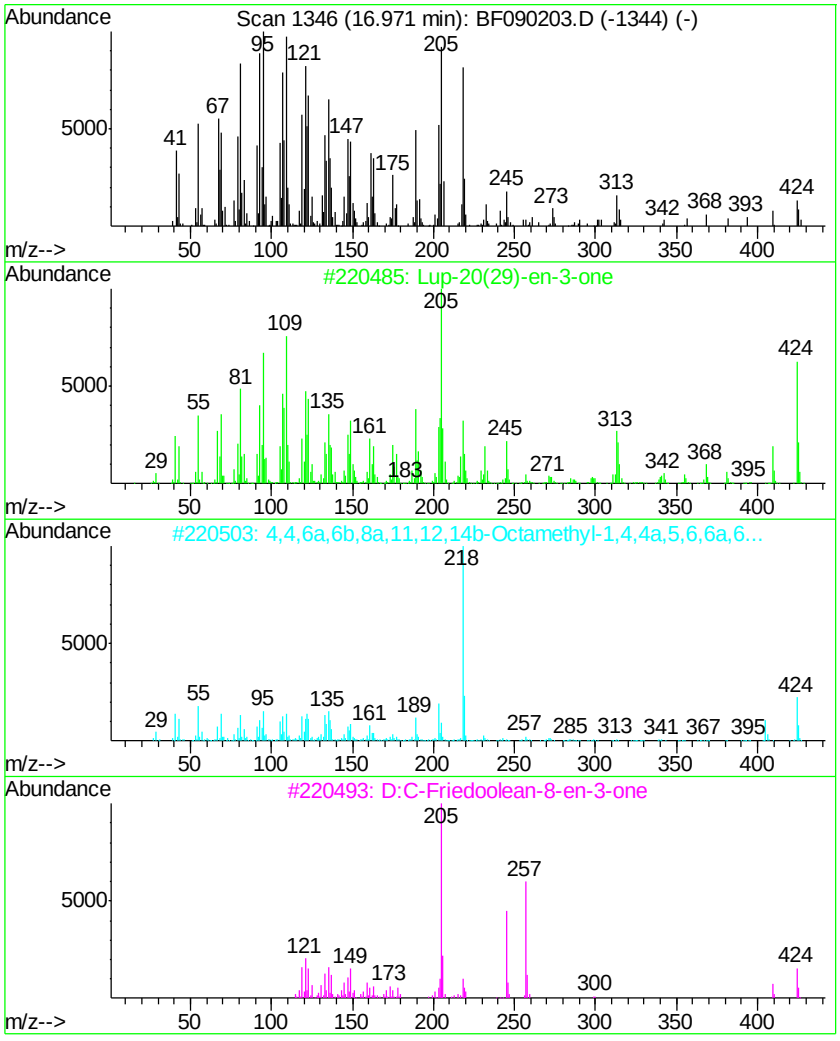
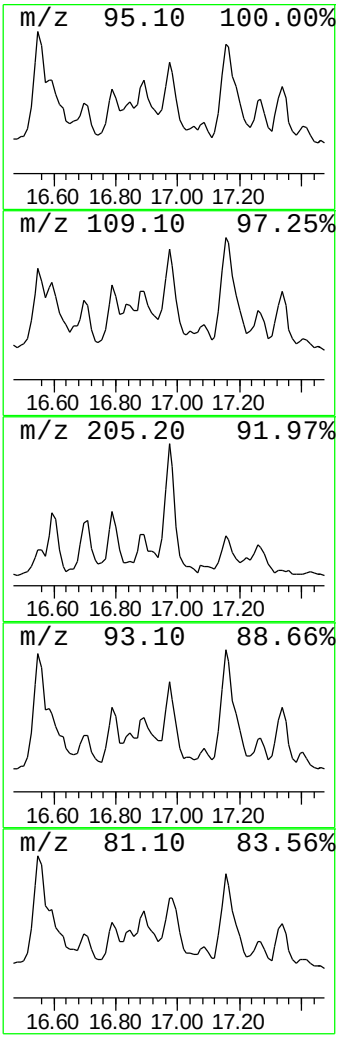
Peak Number 16 Lup-20(29)-en-3-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	34.40 ng	1055860	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	70
2	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	70
3	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	53
4	.alpha.-Amyrin	426	C30H50O	000638-95-9	47
5	Guaia-9,11-diene	204	C15H24	1000374-19-8	46





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Sample : H4867-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\DATABASE\NIST11.L
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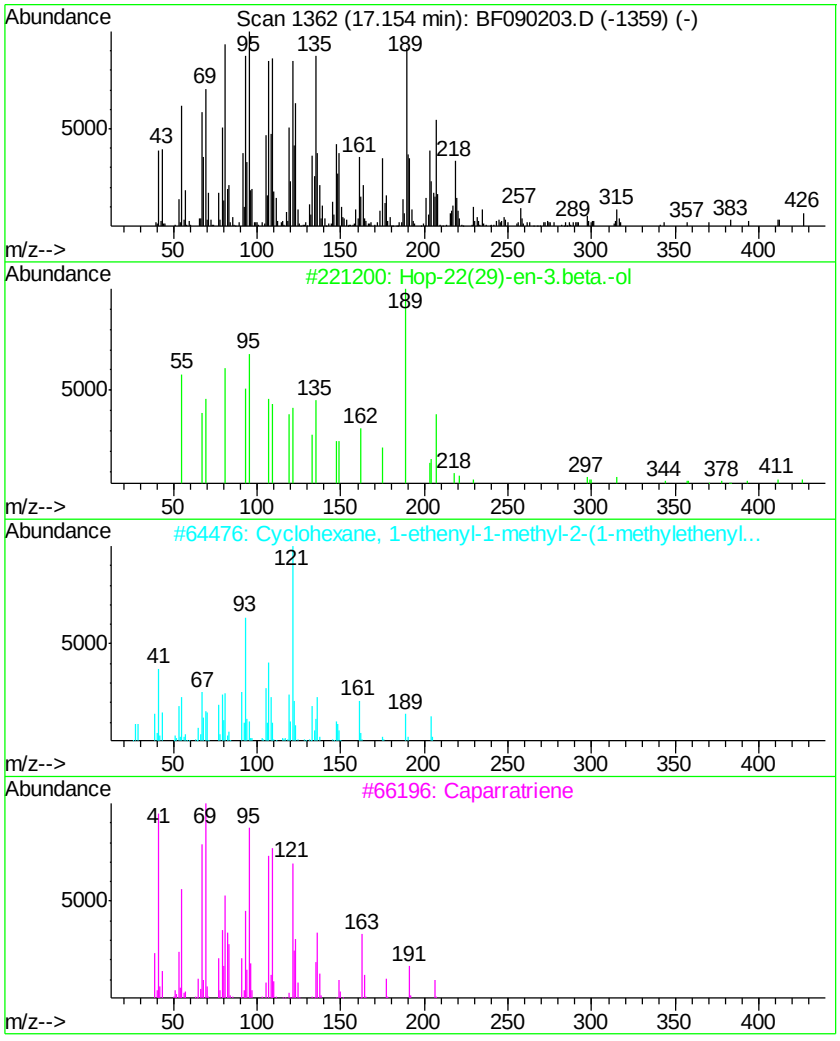
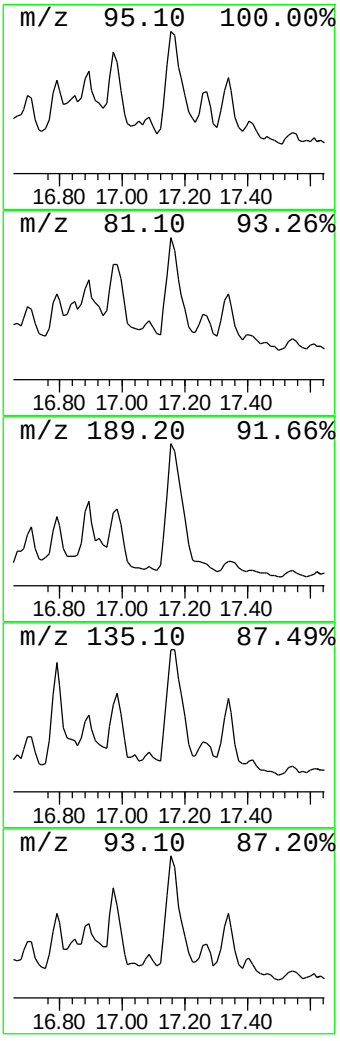
Peak Number 17 Hop-22(29)-en-3.beta.-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	56.80 ng	1743430	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	55
2	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	55
3	Caparratriene	206	C15H26	1000374-08-7	55
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	47
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	45





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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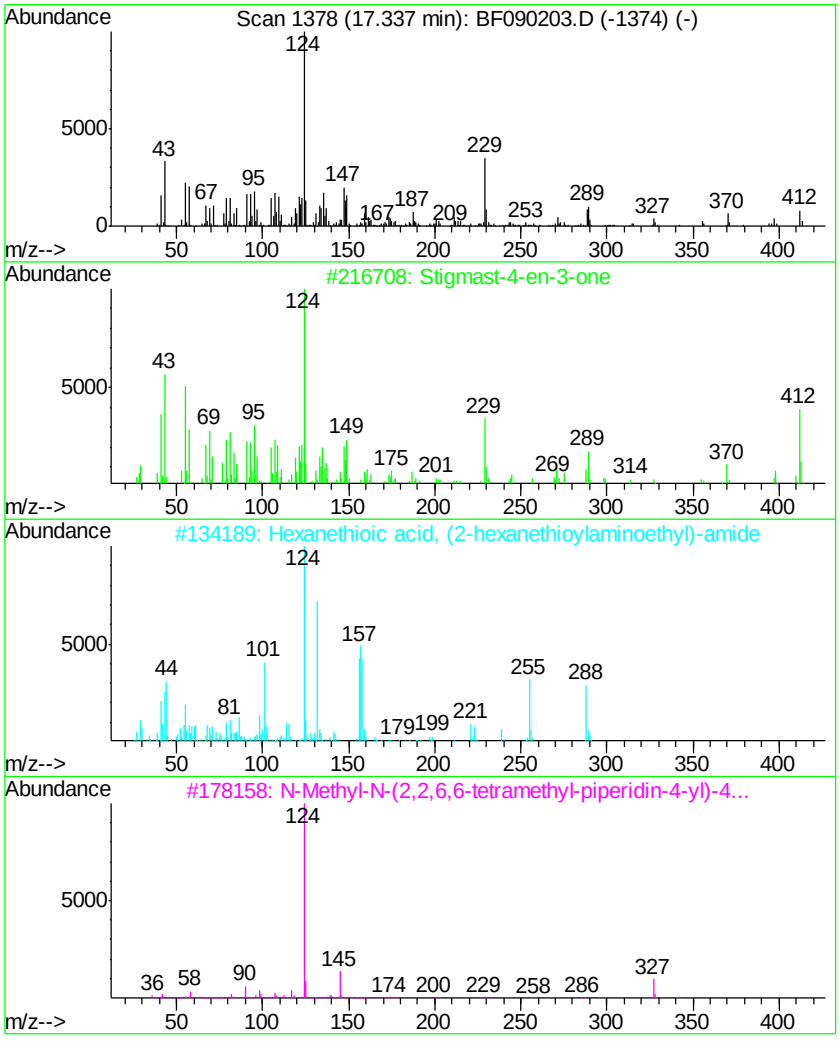
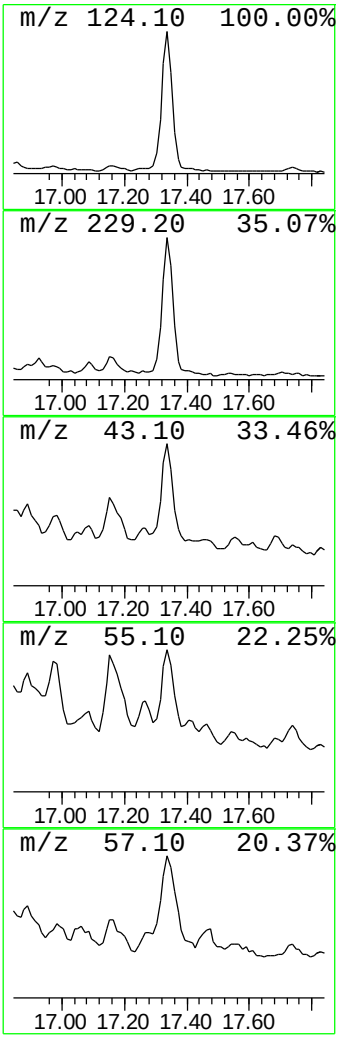
Peak Number 18 Stigmast-4-en-3-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	35.68 ng	1095040	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	90
2	Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	43
3	N-Methyl-N-(2,2,6,6-tetramethyl-...	342	C18H26N6O	1000295-16-2	43
4	4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	43
5	p-Fluoroatropine dehydrate	289	C17H20FNO2	1000212-74-8	43





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Instrument : BNA_F
ClientSampleId : TS-WSG-16121-06

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

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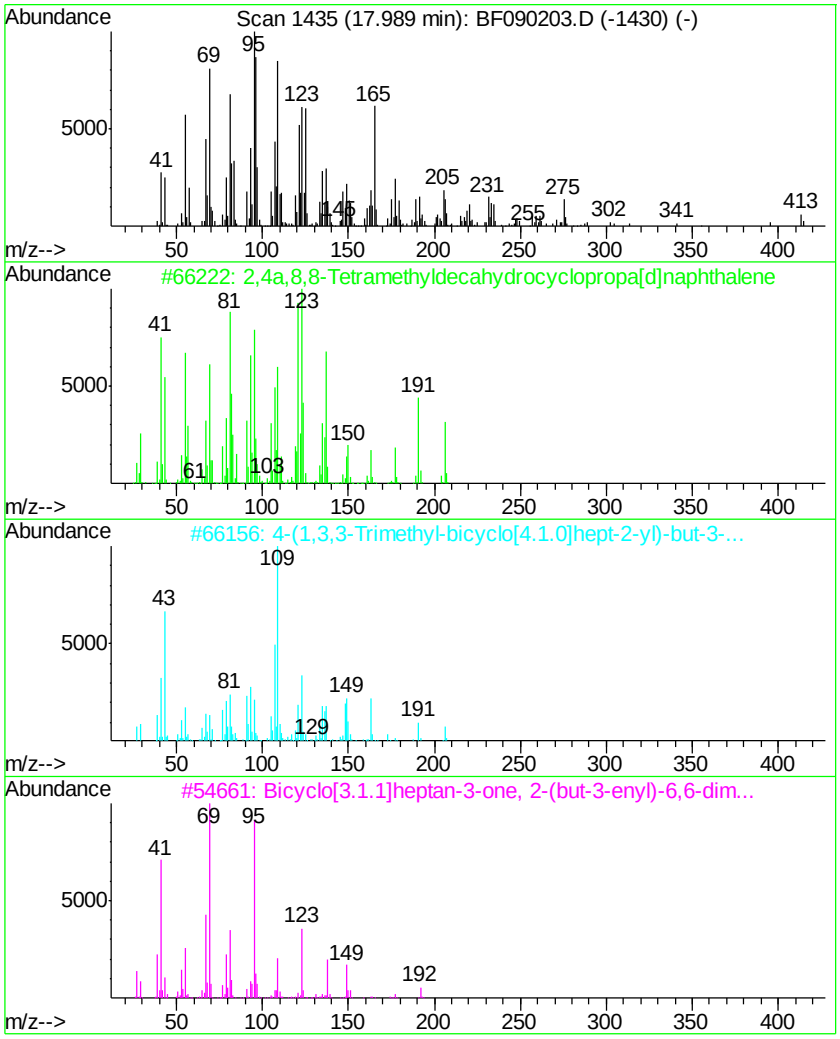
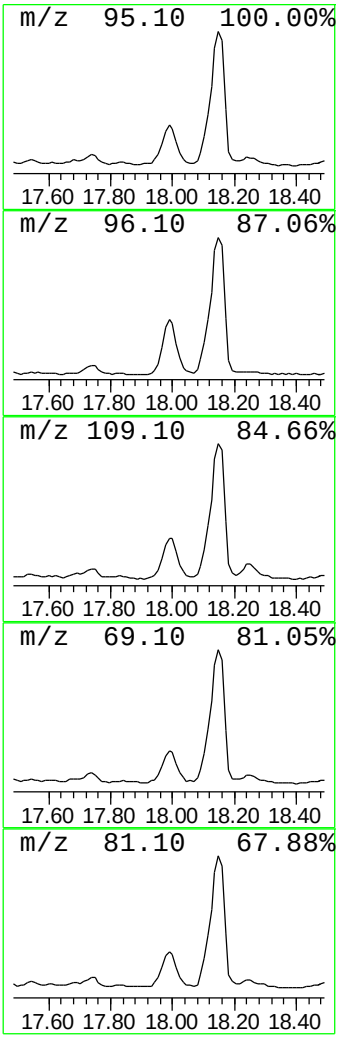
Peak Number 19 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	46.55 ng	1428730	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	59
2	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	35
3	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	30
4	2(5H)-Furanone, 4-methyl-3,5-bis...	206	C13H18O2	089902-26-1	25
5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	25





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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unknown6.26	6.26	86.0	ng	3094040	1	6.49	719726	20.0
10,18-Bisnorabiet...	12.24	28.6	ng	1348090	4	10.98	943110	20.0
Cyclohexadecane	13.49	23.0	ng	845933	5	13.60	736792	20.0
1-Heptacosanol	14.71	31.3	ng	959481	6	14.93	613858	20.0
unknown15.38	15.38	25.2	ng	773207	6	14.93	613858	20.0
unknown15.49	15.49	19.8	ng	607106	6	14.93	613858	20.0
Cholestan-3-one, ...	15.66	18.0	ng	551541	6	14.93	613858	20.0
unknown16.35	16.35	29.9	ng	917089	6	14.93	613858	20.0
.beta.-Sitosterol	16.55	113.0	ng	3469560	6	14.93	613858	20.0
1,4-Dimethyl-8-is...	16.79	32.9	ng	1009150	6	14.93	613858	20.0
.beta.-Amyrin	16.89	43.5	ng	1335690	6	14.93	613858	20.0
Lup-20(29)-en-3-one	16.97	34.4	ng	1055860	6	14.93	613858	20.0
Hop-22(29)-en-3.b...	17.15	56.8	ng	1743430	6	14.93	613858	20.0
Stigmast-4-en-3-one	17.34	35.7	ng	1095040	6	14.93	613858	20.0
2,4a,8,8-Tetramet...	17.99	46.5	ng	1428730	6	14.93	613858	20.0