LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

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-BF020116.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	4.841	239	241	244	rBV	665809	740819	1.20%	0.175%
2	5.299	279	281	283	rBV	850875	912334	1.47%	0.215%
3	5.859	328	330	333	rBV	961058	1009946	1.63%	0.238%
4	6.007	337	343	346	rBV	15902375	45961185	74.21%	10.848%
5	6.156	351	356	357	rBV	5284753	7111740	11.48%	1.678%
6	6.362	371	374	376	rBV	595705	897232	1.45%	0.212%
7	6.407	376	378	380	rVB	3578375	3058150	4.94%	0.722%
8	6.476	381	384	387	rBV2	1363977	1813409	2.93%	0.428%
9	6.647	396	399	402	rBV	7808549	9653092	15.59%	2.278%
10	6.750	402	408	410	rVB2	11375055	19733552	31.86%	4.657%
11	6.807	410	413	414	rBV	5319345	7283924	11.76%	1.719%
12	6.853	414	417	421	rVB2	10360162	22264221	35.95%	5.255%
13	7.047	432	434	437	rVB	877854	1104078	1.78%	0.261%
14	7.265	451	453	455	rBV2	5266211	5198036	8.39%	1.227%
15	7.299	455	456	460	rVB2	620215	963818	1.56%	0.227%
16	7.539	474	477	479	rBV	6517923	6827832	11.02%	1.611%
17	7.699	487	491	492	rVV3	338788	845375	1.37%	0.200%
18	7.722	492	493	494	rVV	901281	903867	1.46%	0.213%
19	7.745	494	495	497	rVB	1343542	1205100	1.95%	0.284%
20	7.802	497	500	503	rBV2	675408	978631	1.58%	0.231%
21	7.859	503	505	507	rVV	872607	943441	1.52%	0.223%
22	7.916	507	510	512	rVV	6019825	8532226	13.78%	2.014%
23	7.950	512	513	514	rVV	3113189	2445928	3.95%	0.577%
24	7.996	514	517	518	rVV2	2168390	2896269	4.68%	0.684%
25	8.065	518	523	526	rVV2	13911594	30299389	48.92%	7.151%
26	8.145	529	530	531	rVV	758942	729110	1.18%	0.172%
27	8.625	569	572	575	rVB4	275650	649066	1.05%	0.153%
28	8.716	579	580	581	rVV	716224	748175	1.21%	0.177%
29	8.762	581	584	586	rVV	5211970	6614848	10.68%	1.561%
30	8.876	592	594	597	rBV	1451546	1760176	2.84%	0.415%
31	9.070	609	611	614	rBV	705233	952521	1.54%	0.225%
32	9.413	636	641	643	rBV	860330	1084017	1.75%	0.256%
33	9.745	668	670	674	rVV2	1215425	1409394	2.28%	0.333%
34	10.533	735	739	741	rVV2	672171	1139011	1.84%	0.269%

LSC Area Percent Report

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Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.899	769	771	776	rBV	1203708	1211333	1.96%	0.286%
36	11.231	797	800	801	rBV	811457	994502	1.61%	0.235%
37	11.939	859	862	864	rBV	642621	828999	1.34%	0.196%
38	12.145	874	880	884	rVV	1601649	2102495	3.39%	0.496%
39	12.465	907	908	912	rBV2	552943	892390	1.44%	0.211%
40	12.694	926	928	931	rVB4	370959	801817	1.29%	0.189%
41	12.797	934	937	940	rBV2	4821494	5557362	8.97%	1.312%
42	12.911	945	947	948	rBV	2264598	2241355	3.62%	0.529%
43	12.934	948	949	952	rVB2	2322948	3212943	5.19%	0.758%
44	13.025	952	957	959	rVB	7110742	9306129	15.03%	2.196%
45	13.094	961	963	964	rBV	954461	1154958	1.86%	0.273%
46	13.128	964	966	970	rVB	2736048	4275049	6.90%	1.009%
47	13.208	970	973	975	rBV	3466130	5248627	8.47%	1.239%
48	13.265	975	978	980	rVB	6066457	6981111	11.27%	1.648%
49	13.311	980	982	983	rBV	3789057	5020175	8.11%	1.185%
50	13.334	983	984	987	rVB2	3615108	5032798	8.13%	1.188%
51	13.414	987	991	992	rBV2	2227405	4701411	7.59%	1.110%
52	13.437	992	993	999	rVB3	2226093	4676688	7.55%	1.104%
53	13.528	999	1001	1002	rVB	2079950	2698917	4.36%	0.637%
54	13.711	1002	1017	1021	rBV4	9686248	61931633	100.00%	14.617%
55	13.802	1021	1025	1029	rVV	5023461	17769061	28.69%	4.194%
56	13.905	1030	1034	1036	rVV4	4832143	13547041	21.87%	3.197%
57	14.031	1036	1045	1052	rVV2	7468869	43483809	70.21%	10.263%
58	14.180	1053	1058	1062	rVB2	3725650	9821342	15.86%	2.318%
59	14.694	1101	1103	1105	rBV	966254	1198083	1.93%	0.283%
60	14.774	1109	1110	1119	rVB	1359928	1873772	3.03%	0.442%
61	15.037	1130	1133	1135	rBV	1520463	1891090	3.05%	0.446%
62	15.288	1152	1155	1161	rVB	782402	1283562	2.07%	0.303%
63	15.688	1188	1190	1199	rVB2	441480	1021898	1.65%	0.241%
64	16.203	1231	1235	1238	rVB	1108506	2058605	3.32%	0.486%
65	16.363	1246	1249	1253	rVB3	352677	734104	1.19%	0.173%
66	17.094	1309	1313	1318	rBV	611556	1476270	2.38%	0.348%

Sum of corrected areas: 423699241

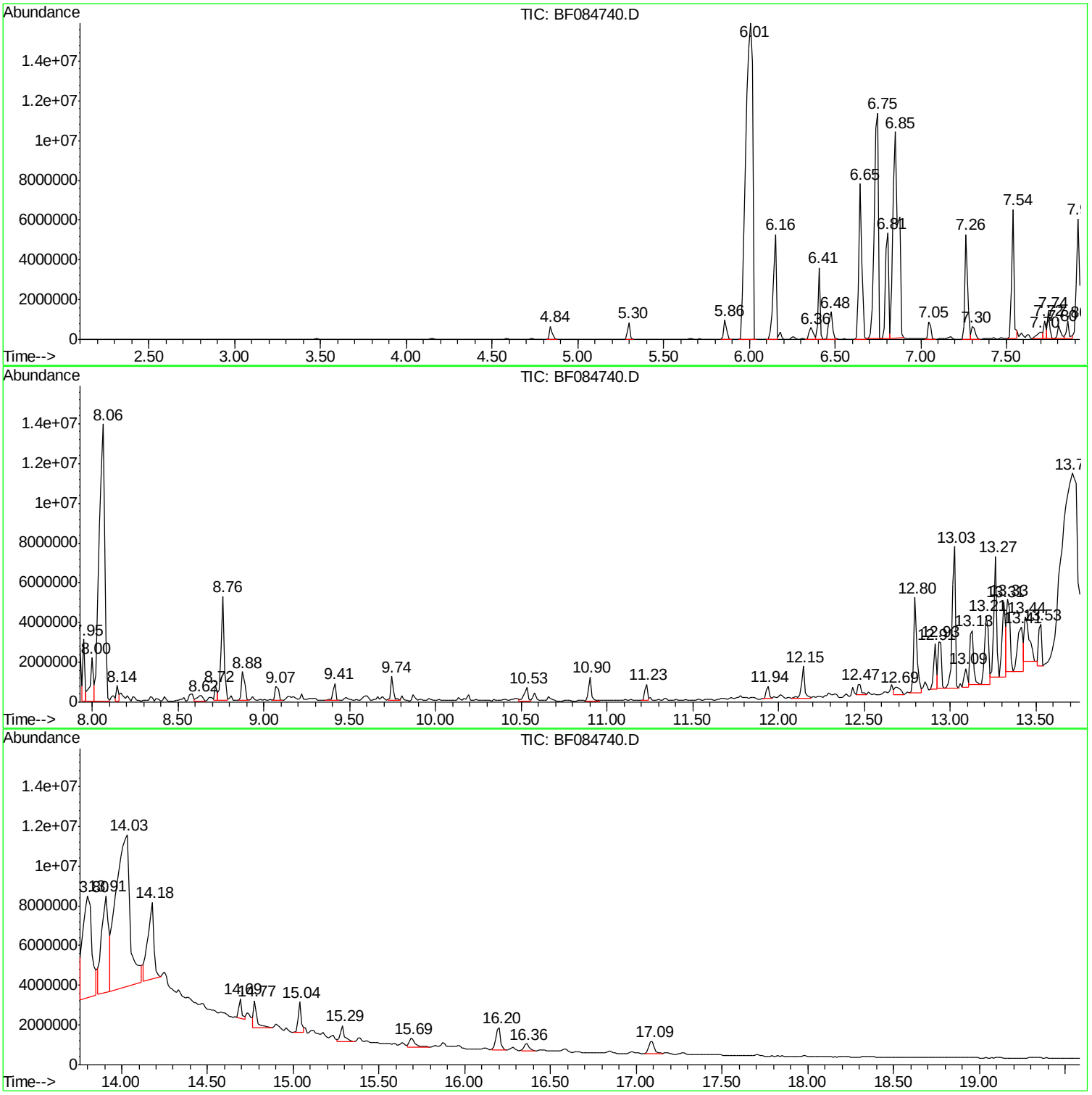
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

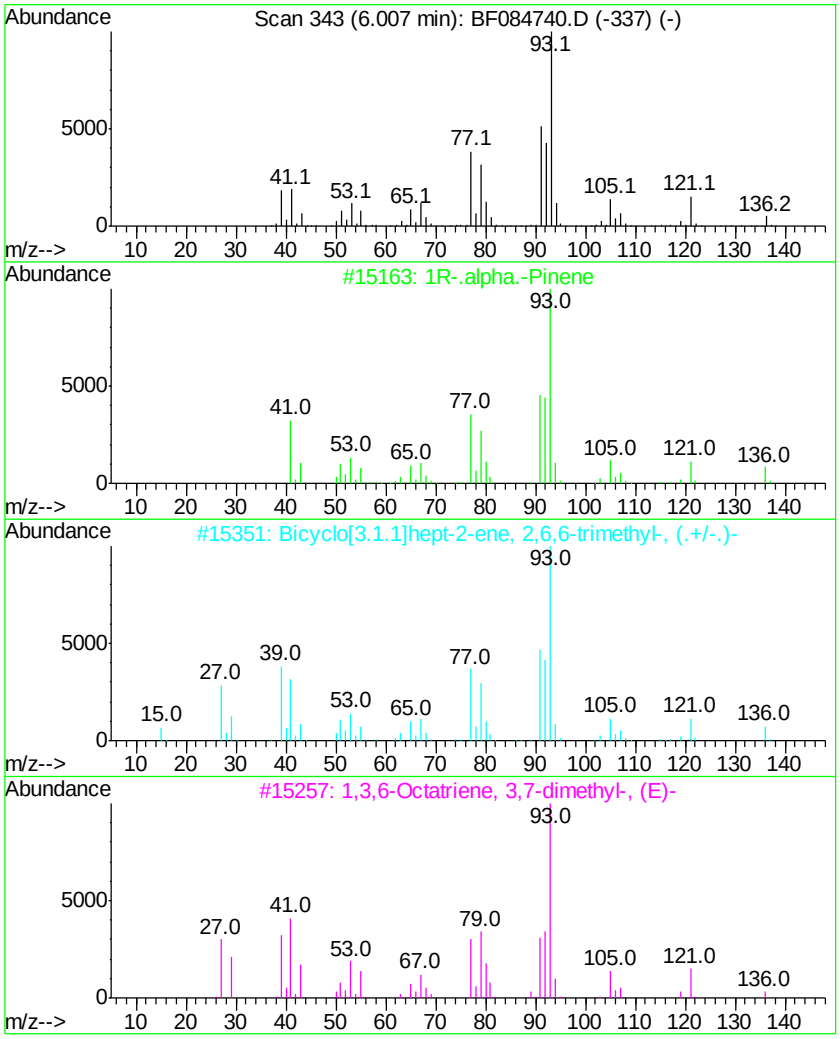
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

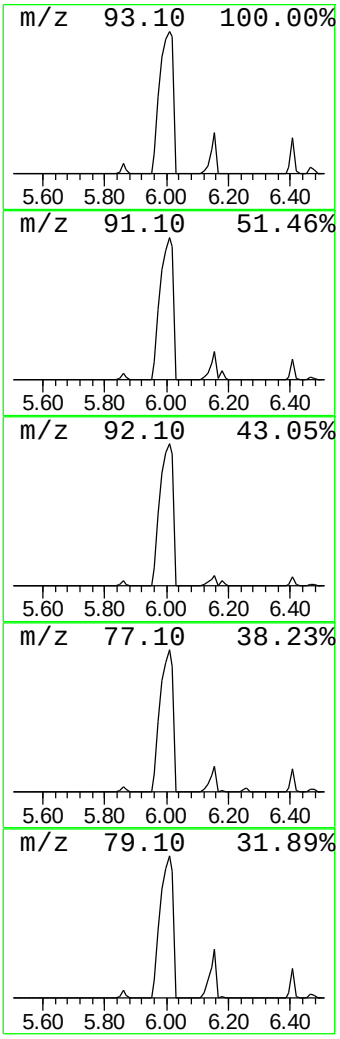
****

Peak Number 1 1R-.alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	46.58 ng	45961200	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	93
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

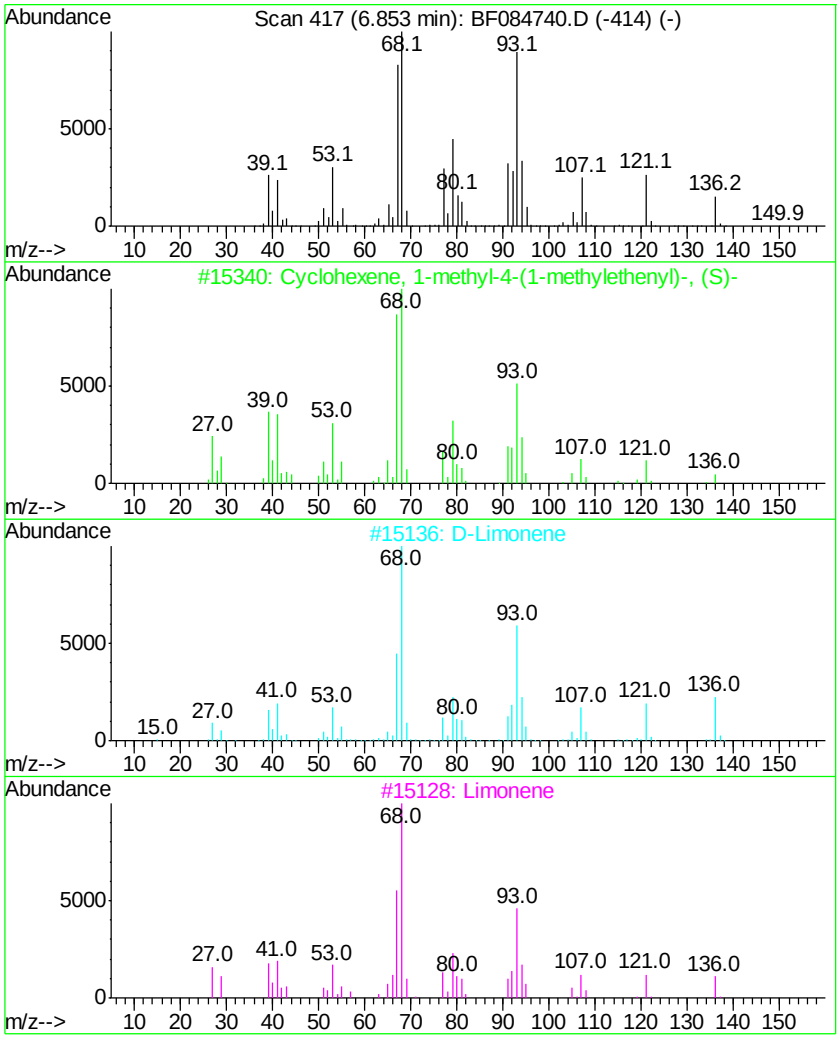
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

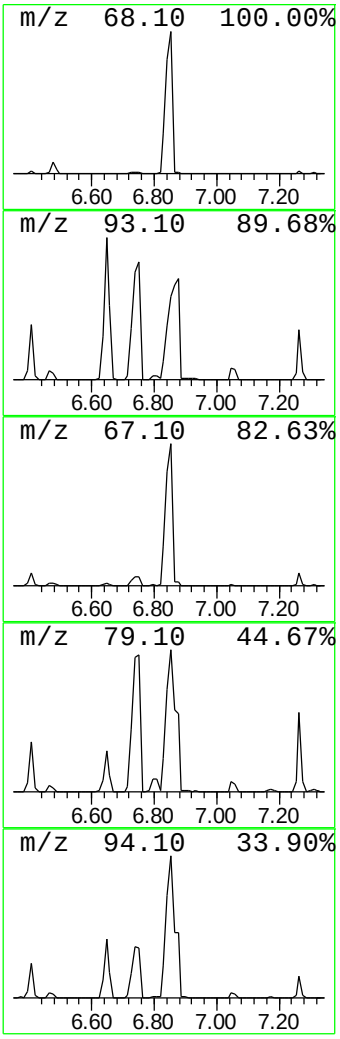
****

Peak Number 2 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	22.56 ng	22264200	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	76
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	70
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	007705-14-8	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

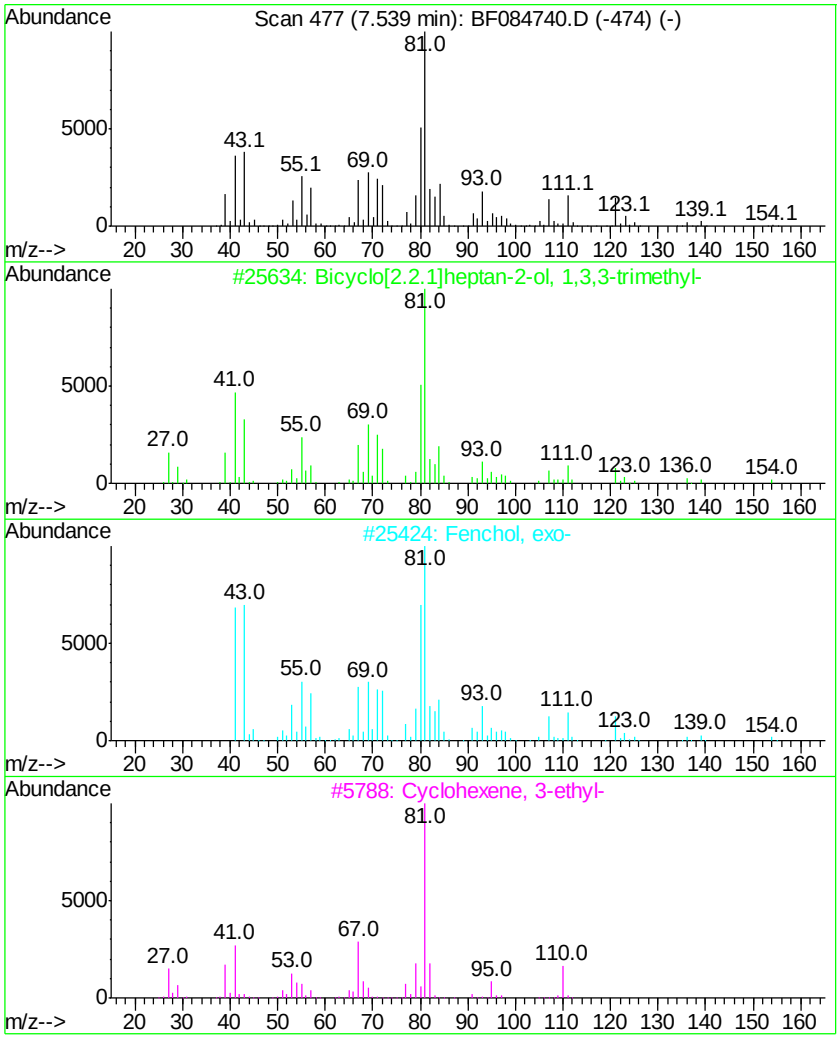
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

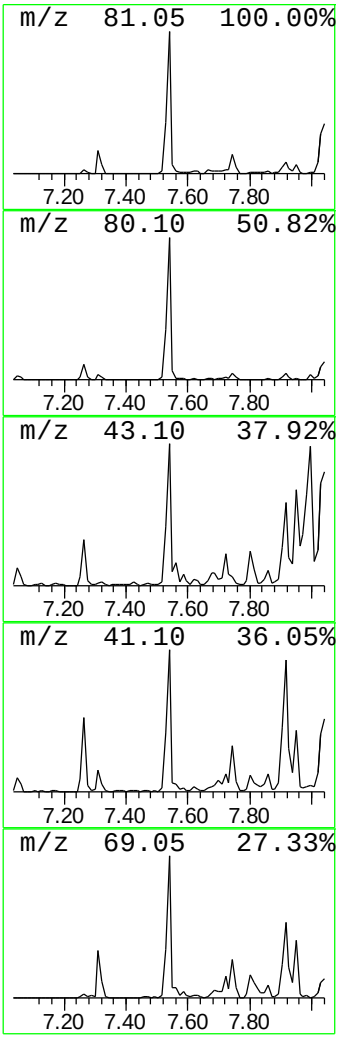
****

Peak Number 3 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	47.15 ng	6827830	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	87
2	Fenchol, exo-	154	C10H18O	022627-95-8	87
3	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	35
5	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	32





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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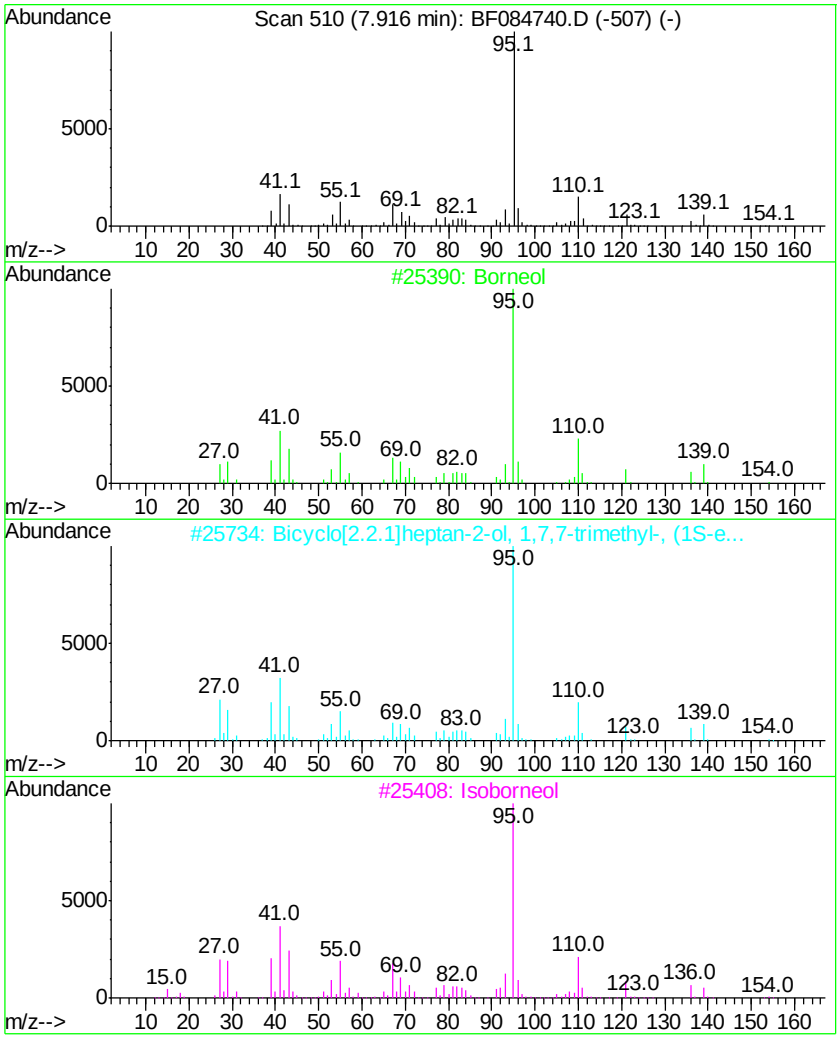
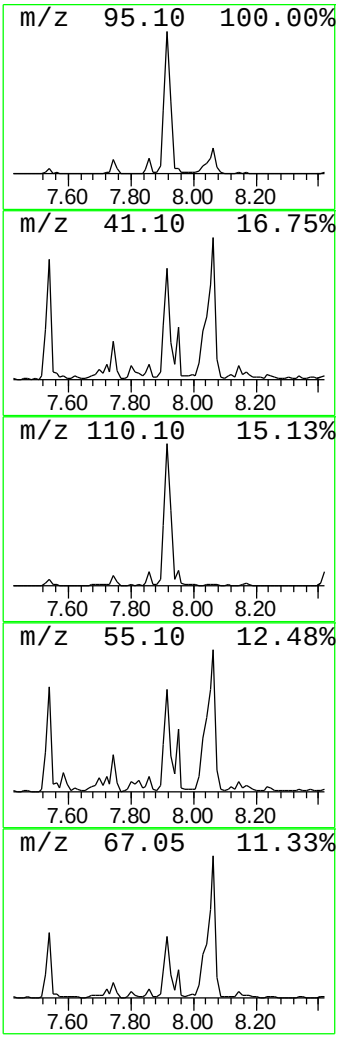
****

Peak Number 4 Borneol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	58.92 ng	8532230	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borneol	154	C10H18O	000507-70-0	83
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
3	Isoborneol	154	C10H18O	000124-76-5	74
4	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	72
5	4-Pyridazinamine	95	C4H5N3	020744-39-2	64





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Data File : BF084740.D
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Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

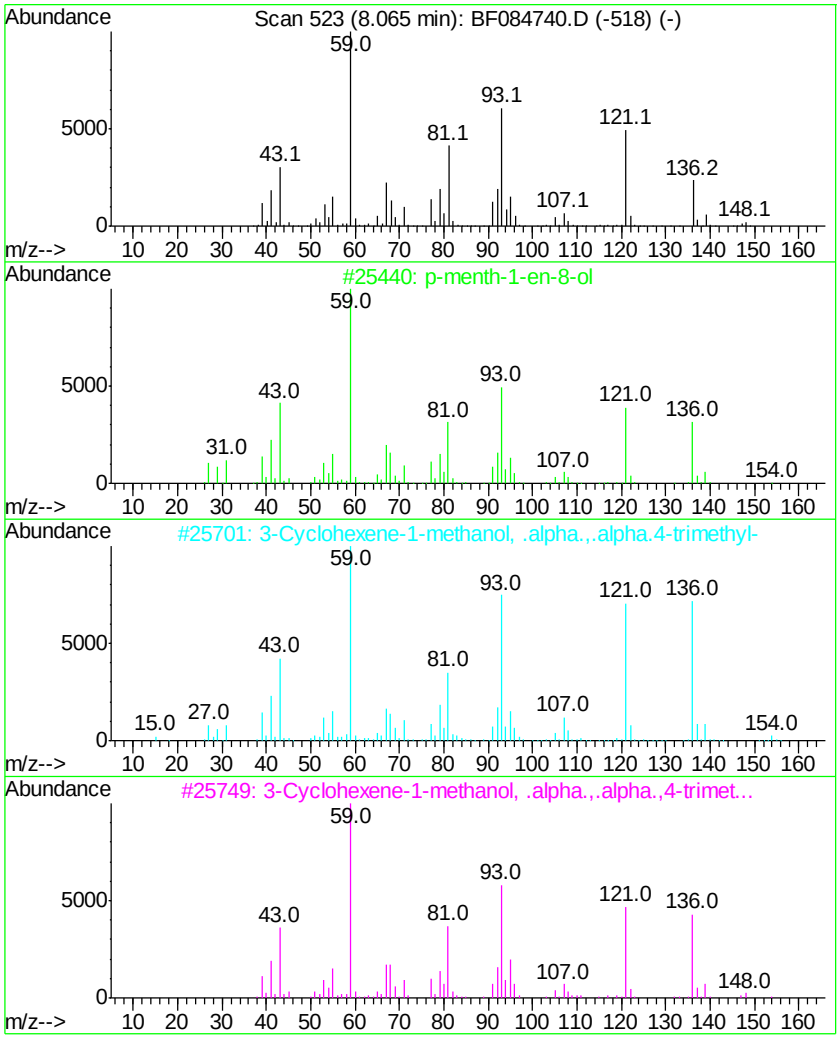
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

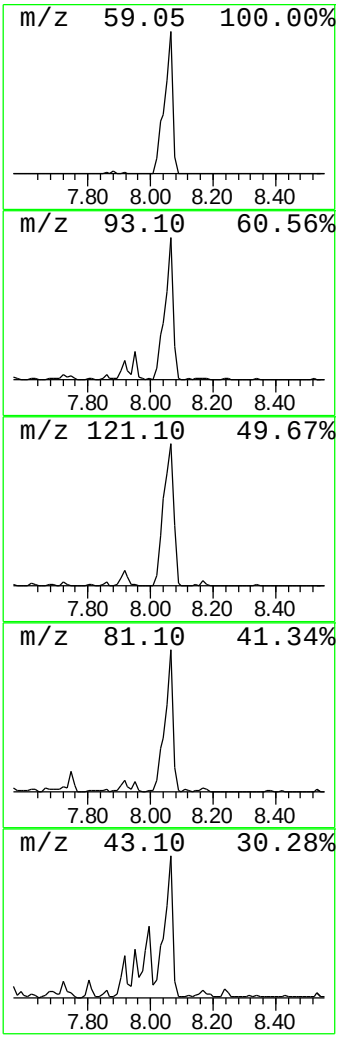
****

Peak Number 5 p-menth-1-en-8-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	209.23 ng	30299400	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-menth-1-en-8-ol	154	C10H18O	1000157-89-9	86
2	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	000098-55-5	52
3	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	010482-56-1	43
4	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	42
5	Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	42





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

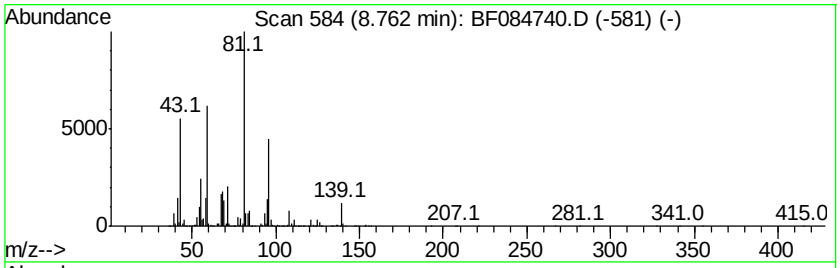
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

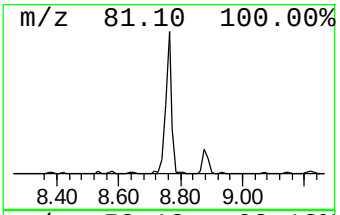
****

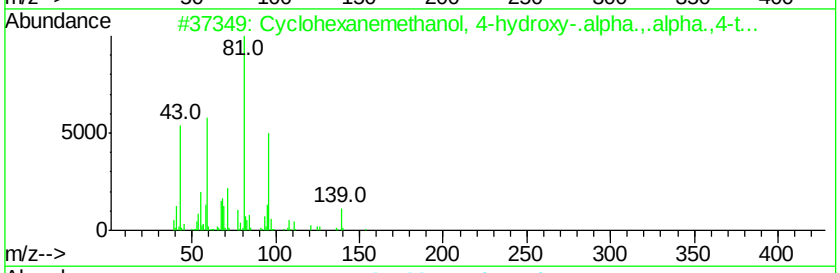
Peak Number 6 Cyclohexanemethanol, 4-hydr... Concentration Rank 7

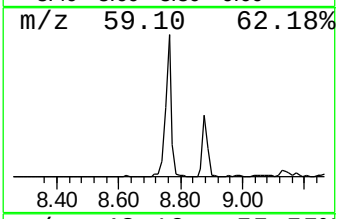
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	45.68 ng	6614850	Naphthalene-d8	8.00

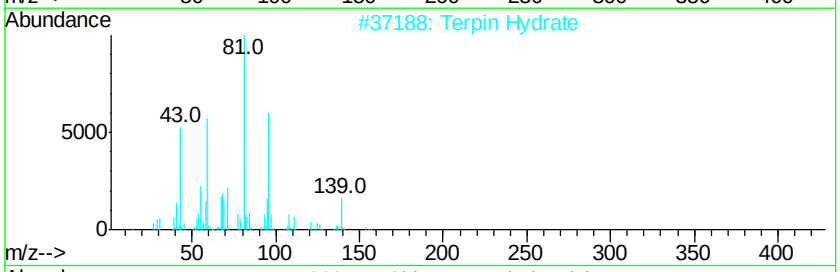
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	Terpin Hydrate	172	C10H20O2	002451-01-6	90
3	1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	47
4	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	47
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	47

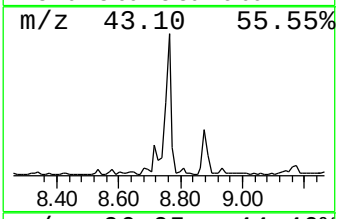


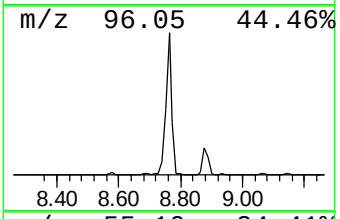


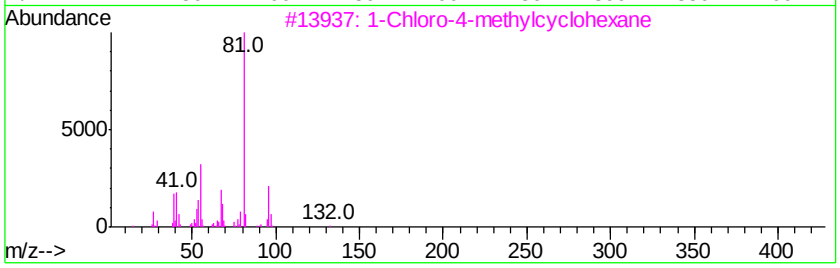


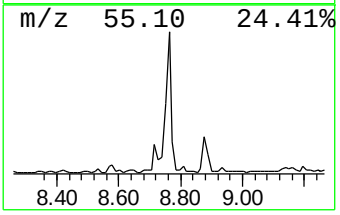












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Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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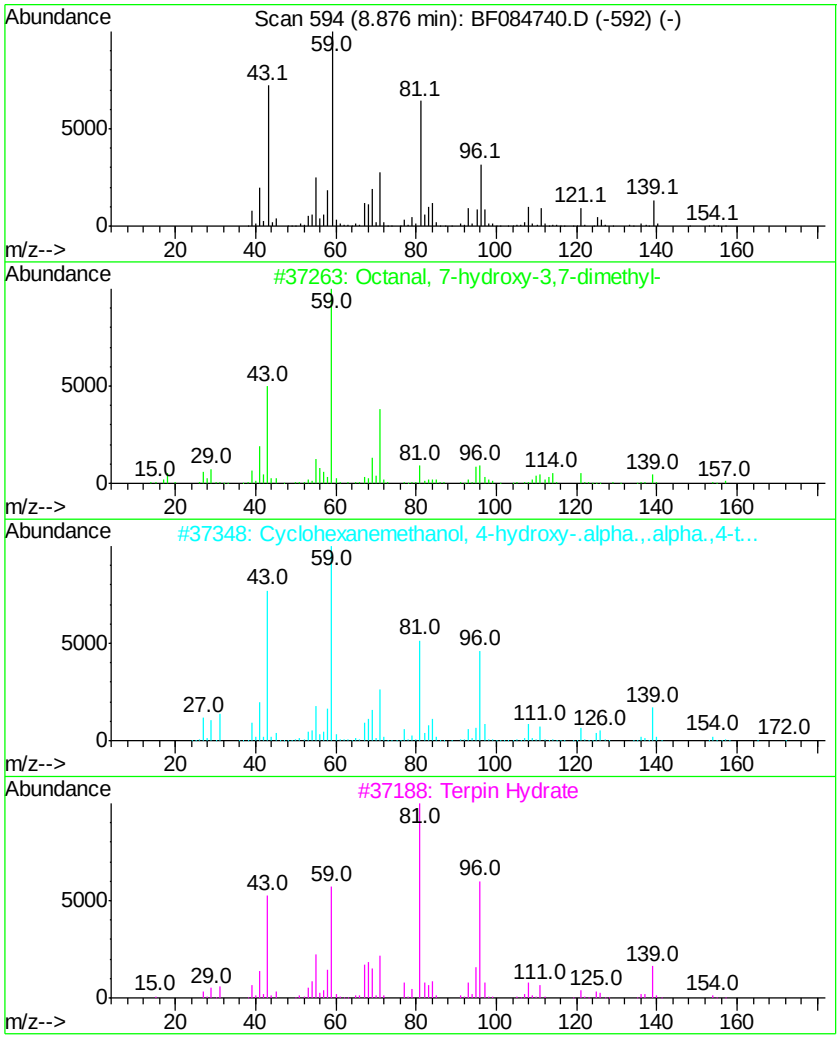
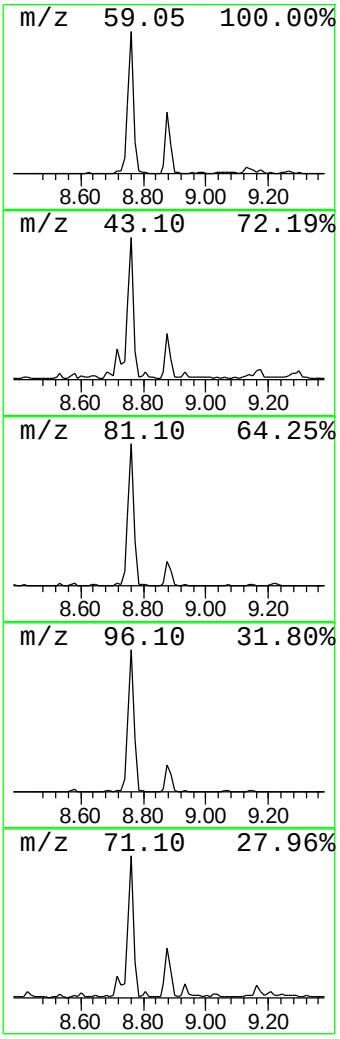
Peak Number 7 Octanal, 7-hydroxy-3,7-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	24.98 ng	1760180	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	59
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	53
3	Terpin Hydrate	172	C10H20O2	002451-01-6	50
4	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	43
5	4-Octene-2,7-diol, 2,7-dimethyl-...	172	C10H20O2	1000151-60-8	38





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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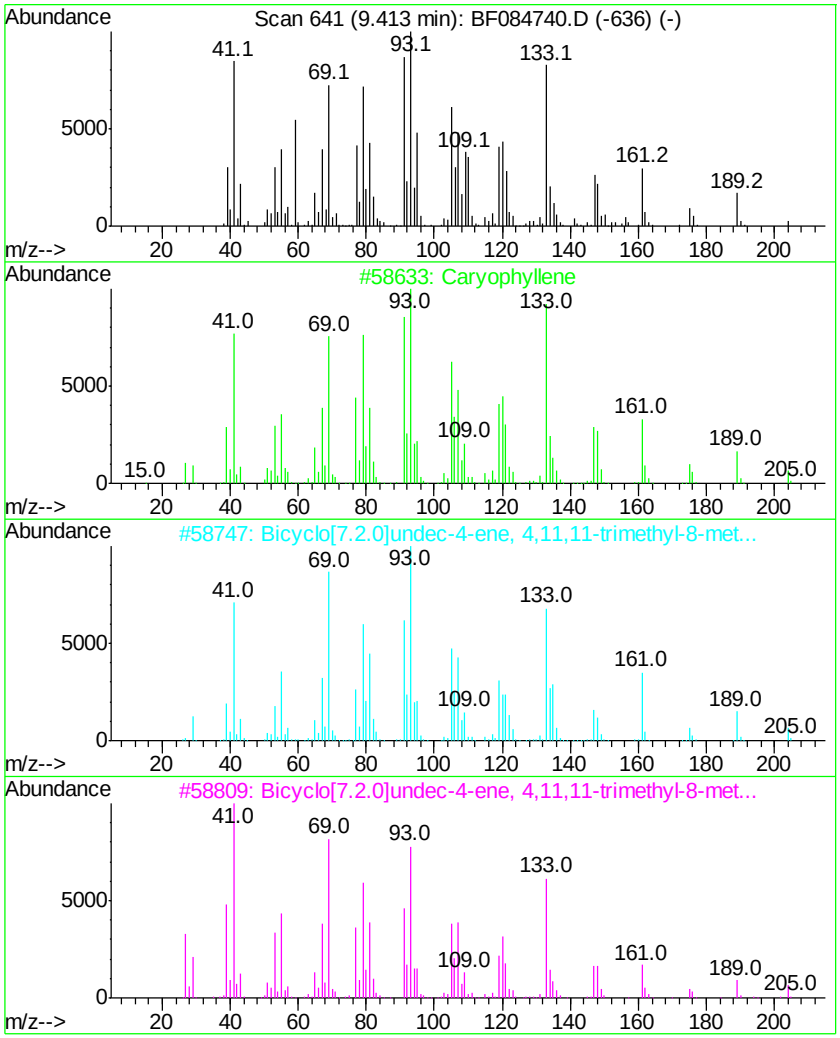
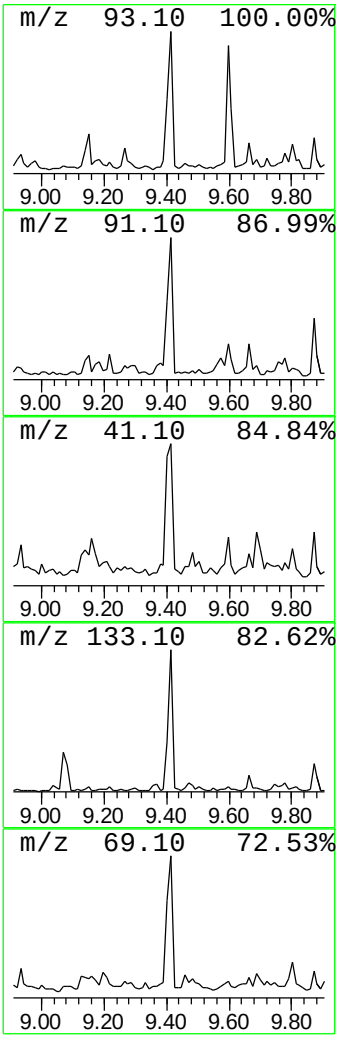
Peak Number 8 Caryophyllene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	15.38 ng	1084020	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	86
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	68
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	55
5	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	53





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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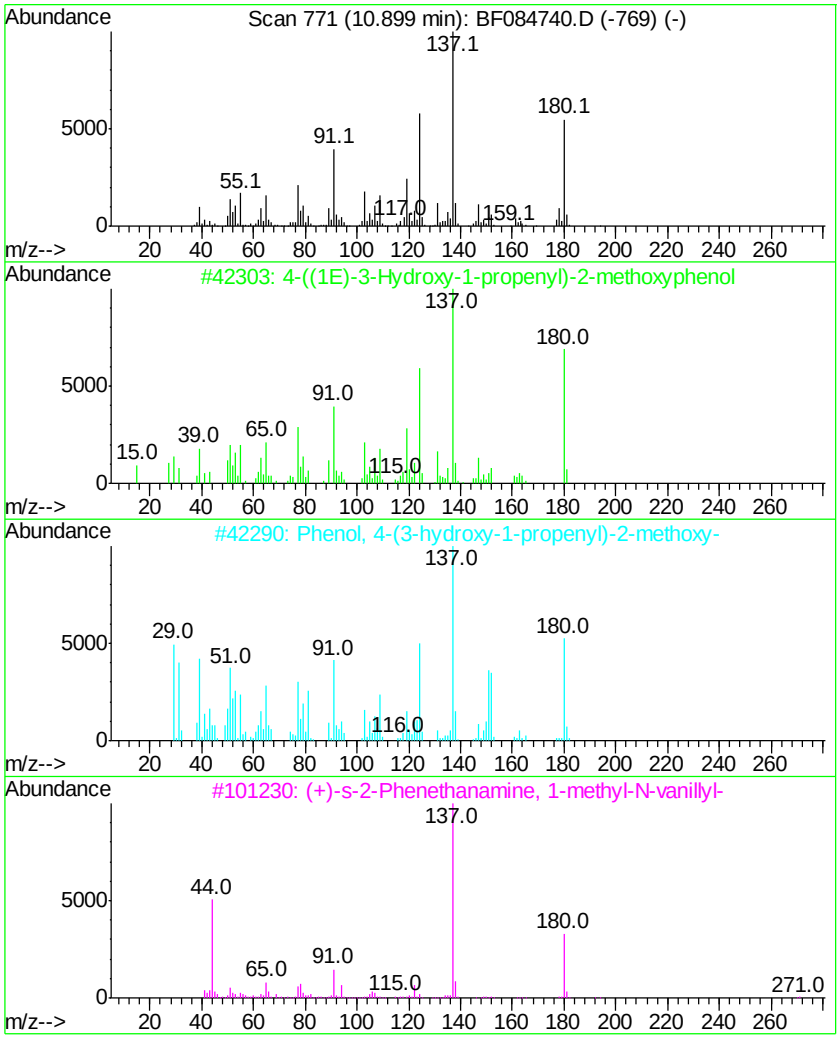
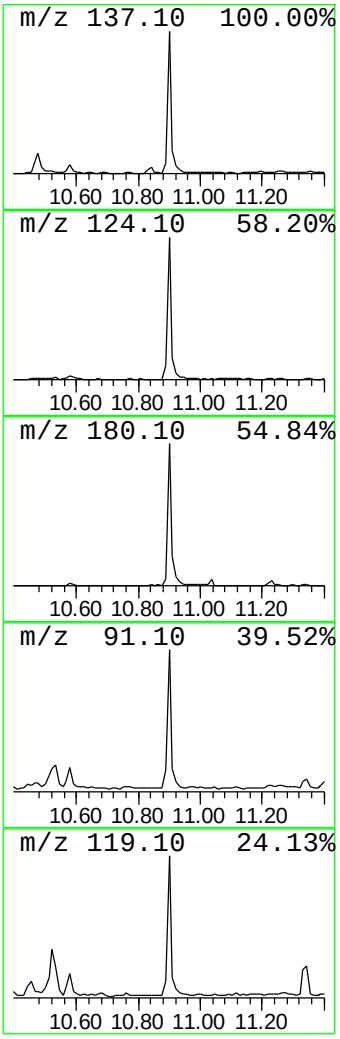
Peak Number 9 4-((1E)-3-Hydroxy-1-propeny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	24.36 ng	1211330	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((1E)-3-Hydroxy-1-propenyl)-2-...	180	C10H12O3	1000297-95-5	99
2	Phenol, 4-(3-hydroxy-1-propenyl)...	180	C10H12O3	000458-35-5	72
3	(+)-s-2-Phenethanamine, 1-methyl...	271	C17H21NO2	1000127-89-6	43
4	3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	43
5	6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	38





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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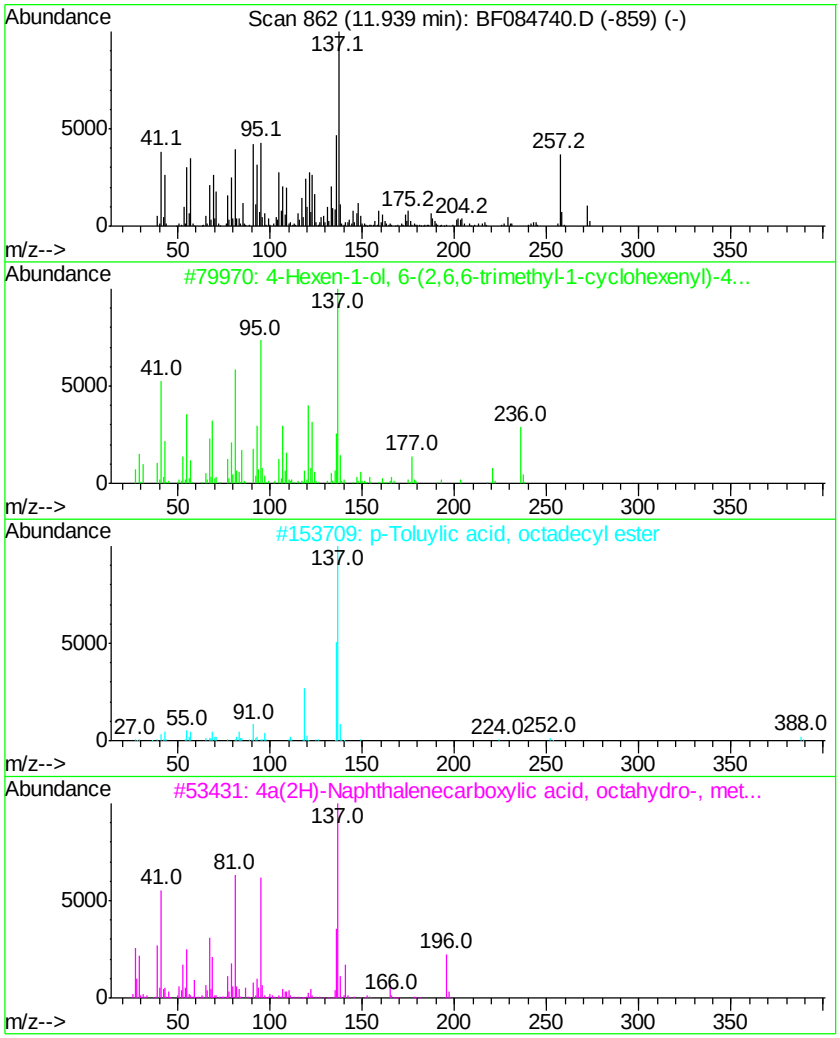
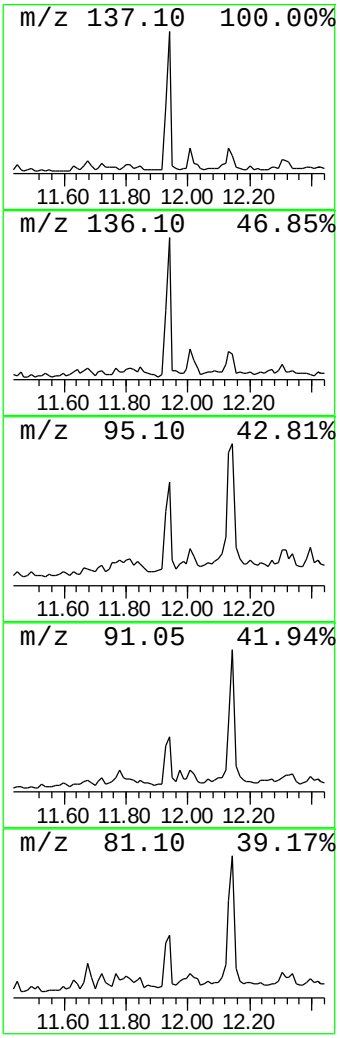
Peak Number 10 unknown11.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	16.67 ng	828999	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	1000221-57-6	35
2	p-Toluylic acid, octadecyl ester	388	C26H44O2	075260-42-3	35
3	4a(2H)-Naphthalenecarboxylic aci...	196	C12H20O2	062338-25-4	32
4	3,4-Hexadienal, 2-butyl-2-ethyl-...	194	C13H22O	023739-80-2	32
5	Phenol, 4-amino-2,5-dimethyl-	137	C8H11NO	003096-71-7	27





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Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

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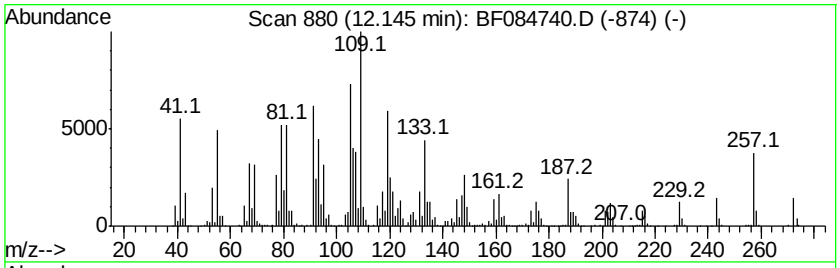
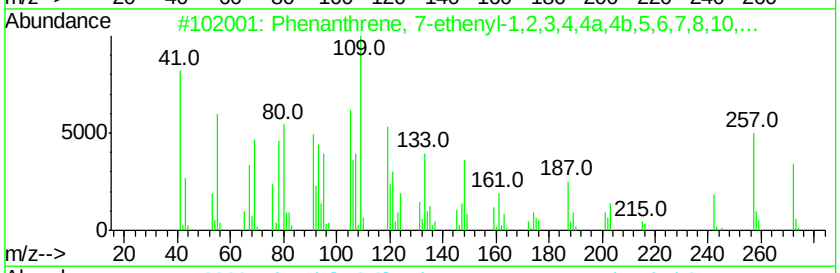
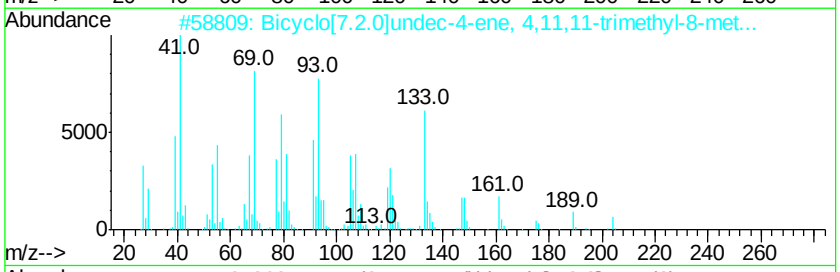
Peak Number 11 Phenanthrene, 7-ethenyl-1,2... Concentration Rank 8

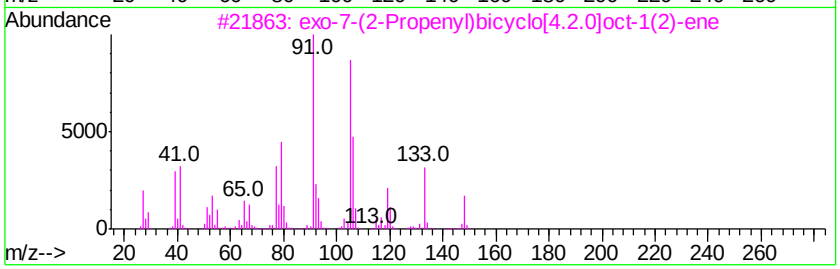
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	42.28 ng	2102500	Phenanthrene-d10	11.23

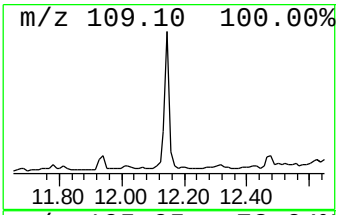
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-66-4	87
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	42
3	exo-7-(2-Propenyl)bicyclo[4.2.0]...	148	C11H16	1000200-97-5	27
4	5,8,11,14-Eicosatetraenoic acid,...	332	C22H36O2	001808-26-0	25
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	18

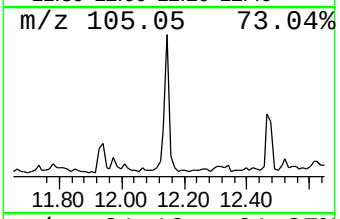


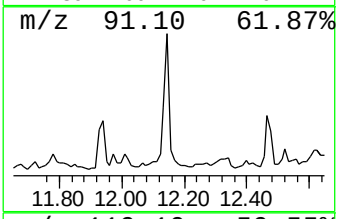


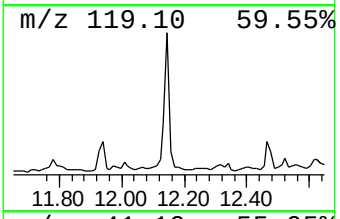


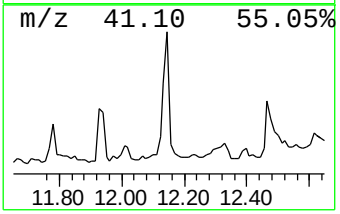












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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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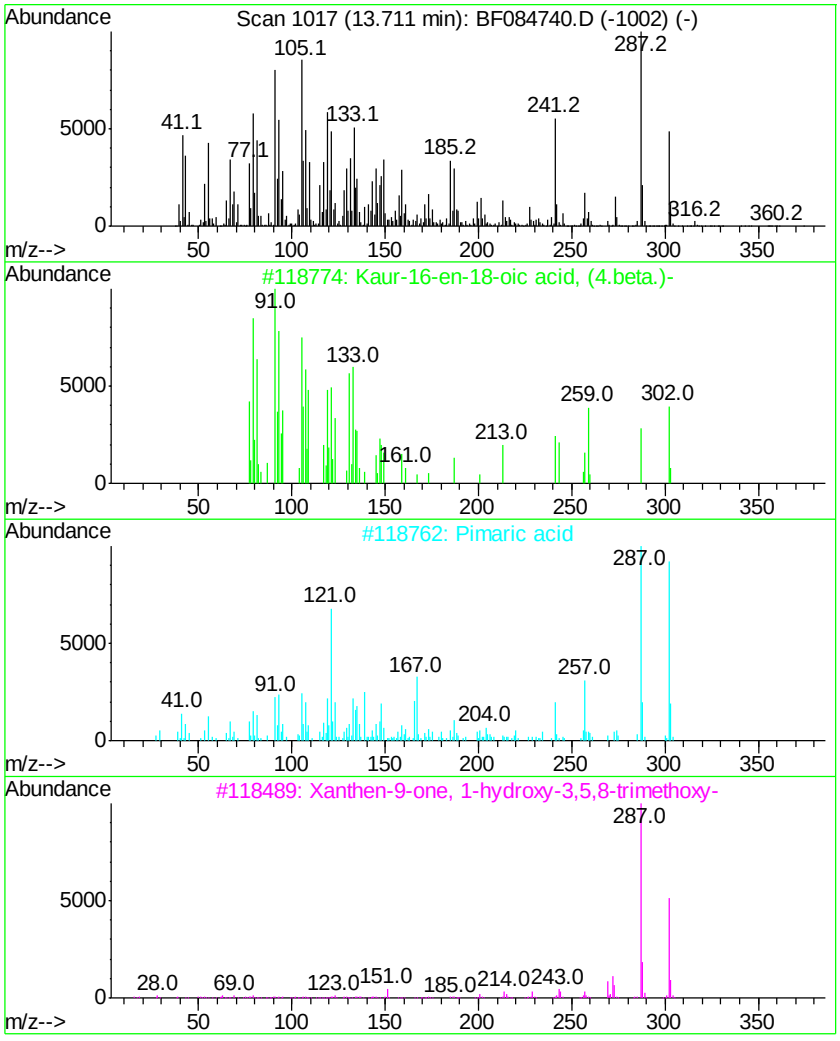
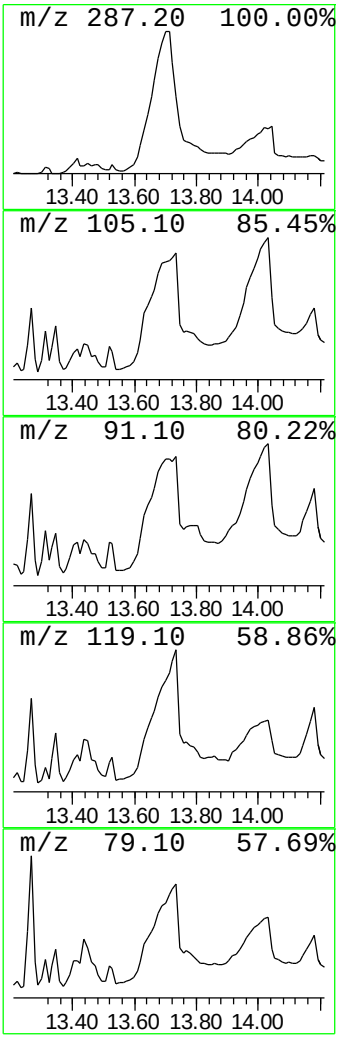
Peak Number 12 Kaur-16-en-18-oic acid, (4.... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	91.43 ng	61931600	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kaur-16-en-18-oic acid, (4.beta.)-	302	C20H30O2	020316-84-1	64
2	Pimaric acid	302	C20H30O2	000127-27-5	38
3	Xanthen-9-one, 1-hydroxy-3,5,8-t...	302	C16H14O6	049599-09-9	30
4	2-Amino-4-[N-(4-butoxybenzyl-N-m...	287	C15H21N5O	055384-22-0	27
5	Morphinan-4-ol-6-one, 2-methoxy-	287	C17H21NO3	084229-97-0	20





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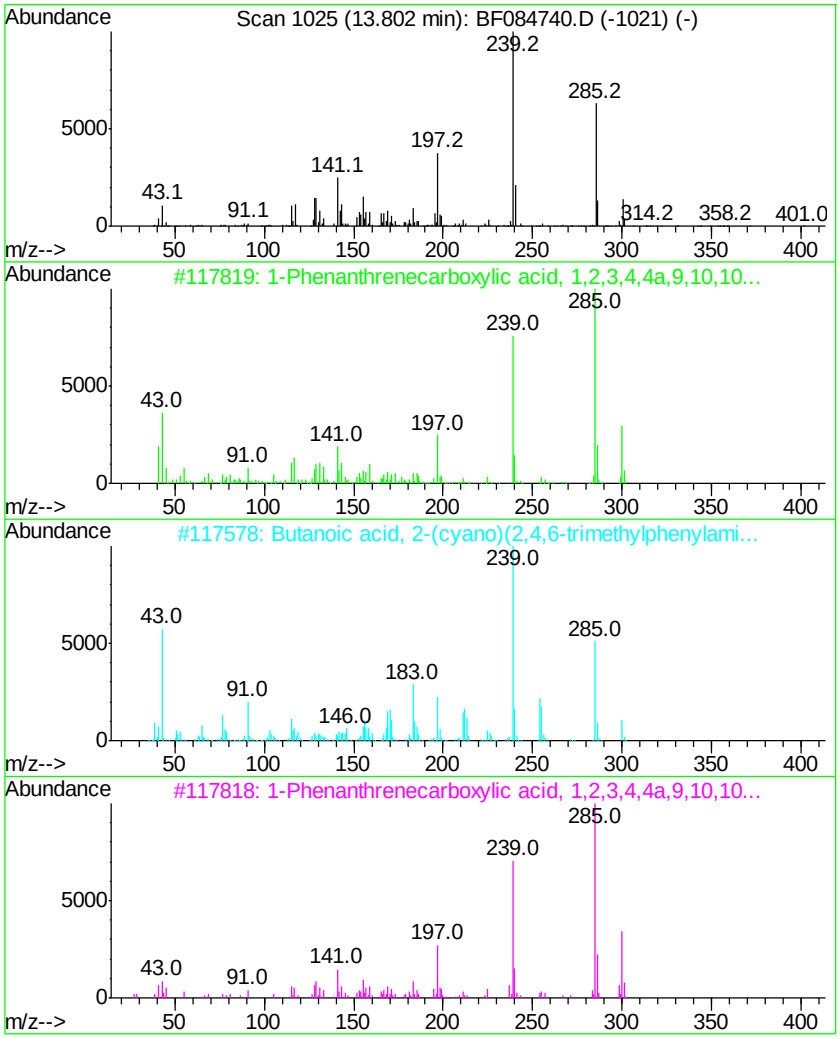
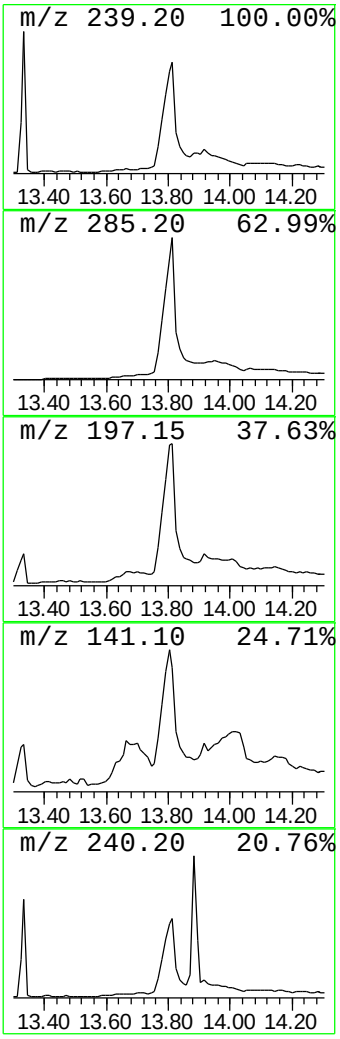
Peak Number 13 1-Phenanthrenecarboxylic ac... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	26.23 ng	17769100	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	94
2	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	81
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	78
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	53
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	53





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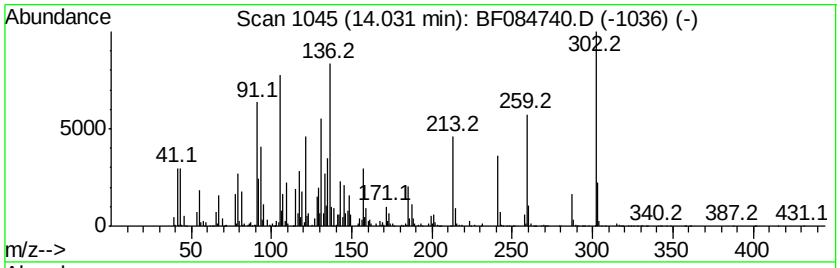
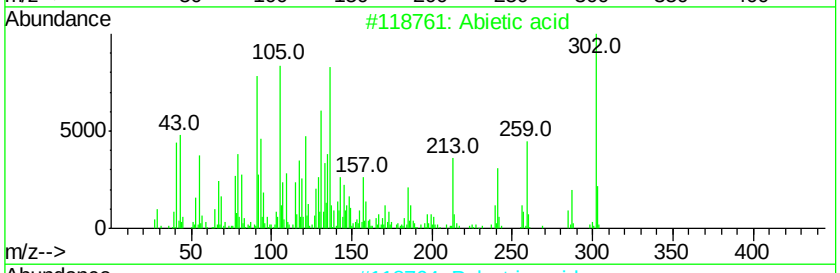
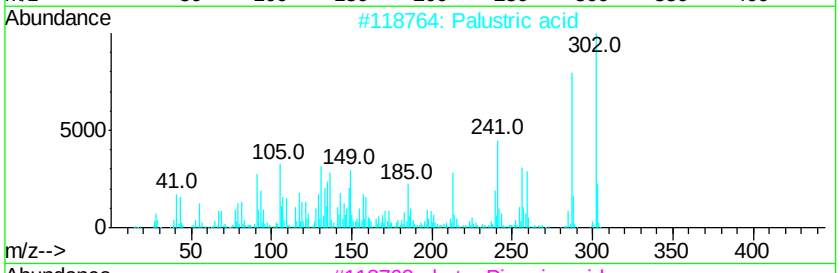
Peak Number 14 Abietic acid Concentration Rank 3

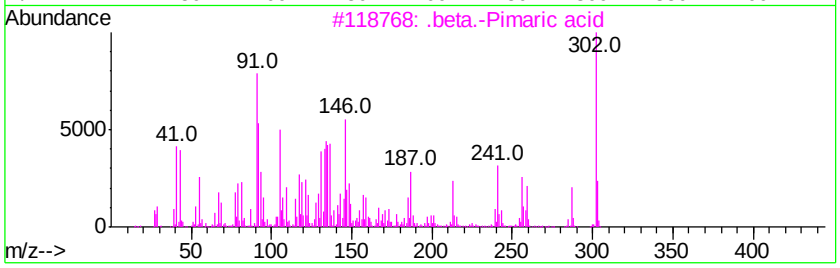
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	64.20 ng	43483800	Chrysene-d12	13.88

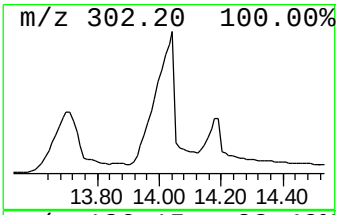
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Abietic acid	302	C20H30O2	000514-10-3	99
2	Palustric acid	302	C20H30O2	001945-53-5	49
3	.beta.-Pimaric acid	302	C20H30O2	000079-54-9	49
4	2-Methoxy-6-(4-trifluoromethylph...	302	C18H13F3O	161980-15-0	38
5	3H-Benzo[f]chromen-3-one, 2-(4-m...	302	C20H14O3	113769-78-1	38

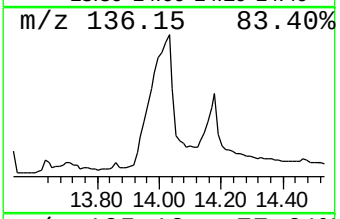


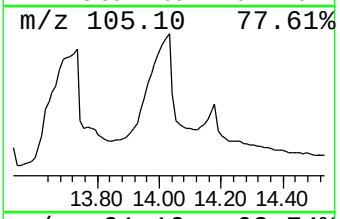


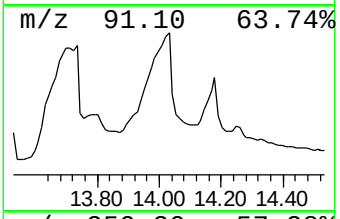


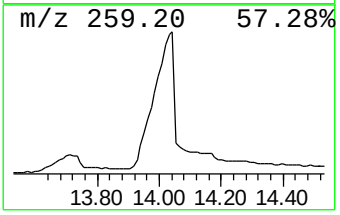












Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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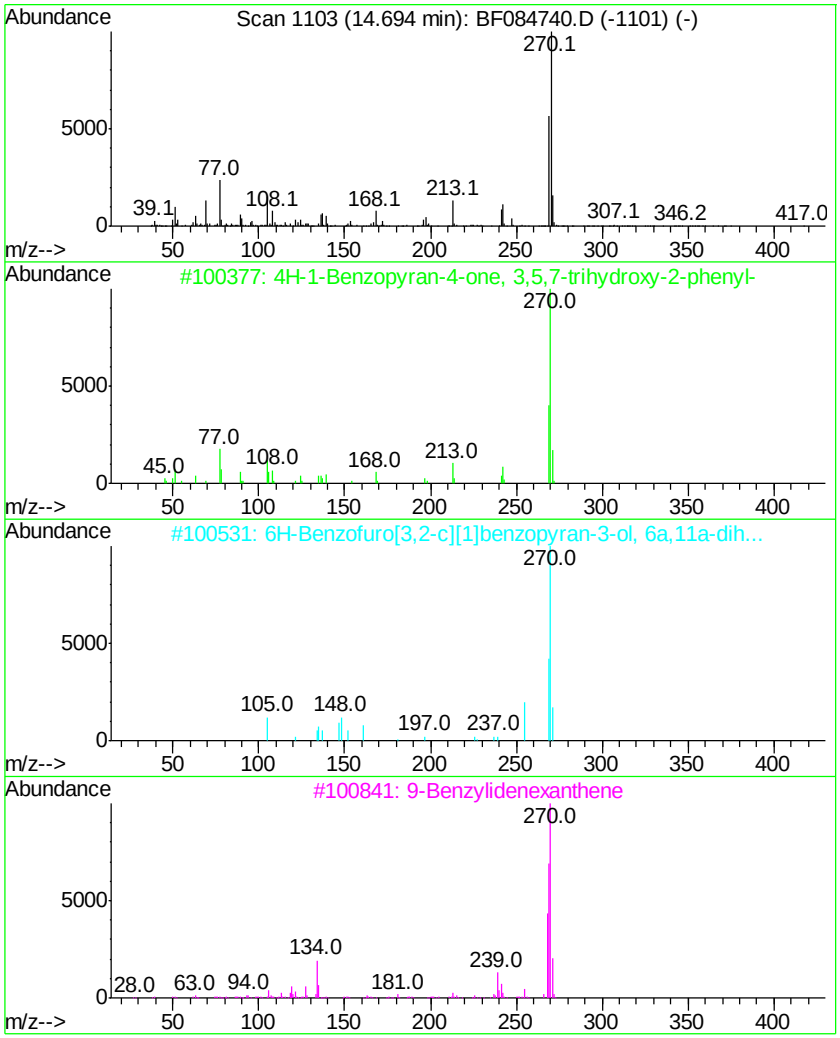
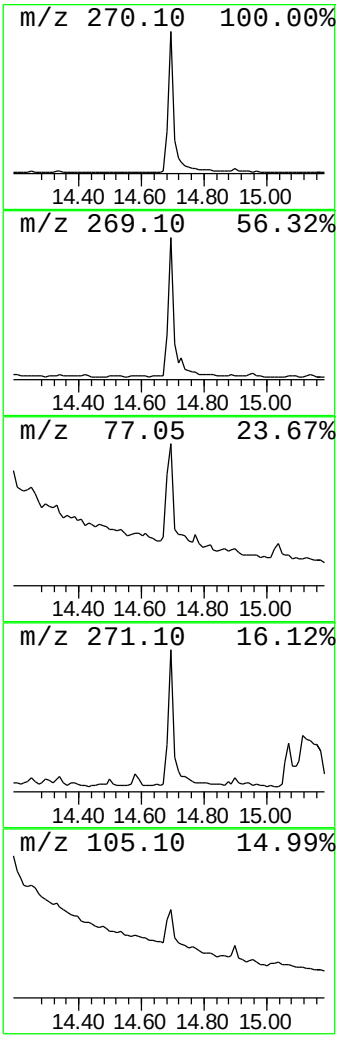
Peak Number 15 4H-1-Benzopyran-4-one, 3,5,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	18.67 ng	1198080	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3,5,7-tri...	270	C15H10O5	000548-83-4	94
2	6H-Benzofuro[3,2-c][1]benzopyran...	270	C16H14O4	032383-76-9	64
3	9-Benzylidenexanthene	270	C20H14O	027980-52-5	59
4	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	53
5	Indeno[1,2-b]pyridine, 4-methyl-...	270	C19H14N2	070740-31-7	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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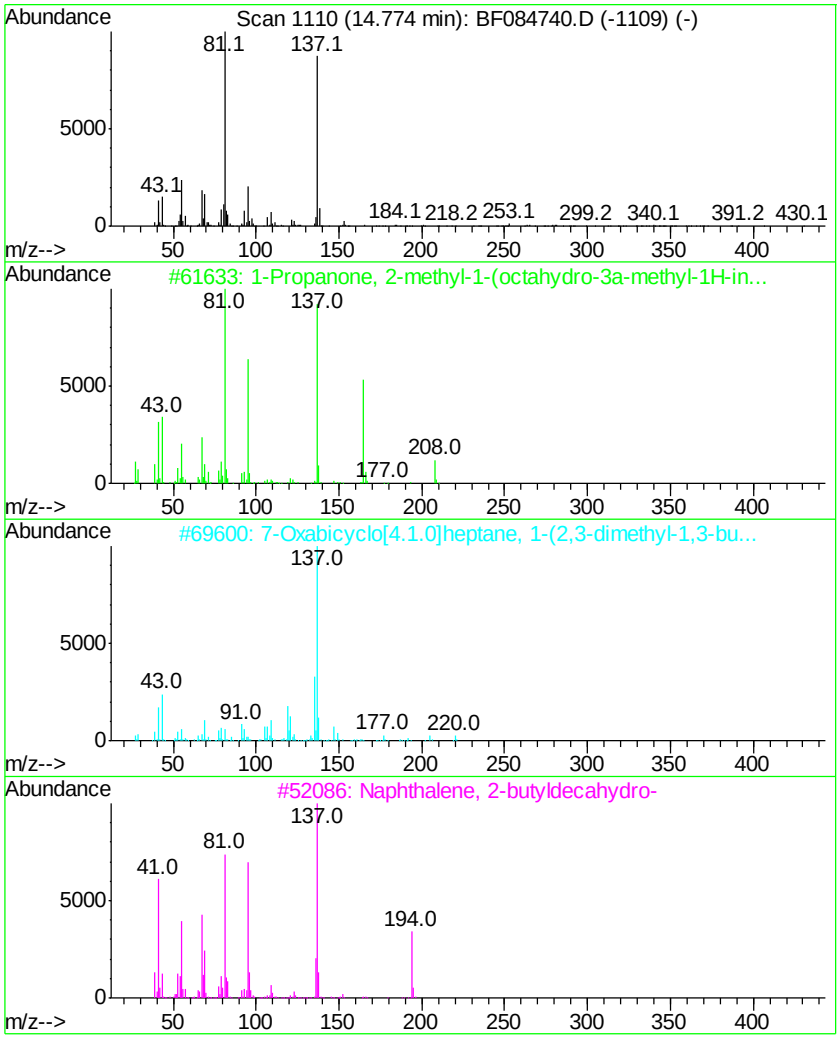
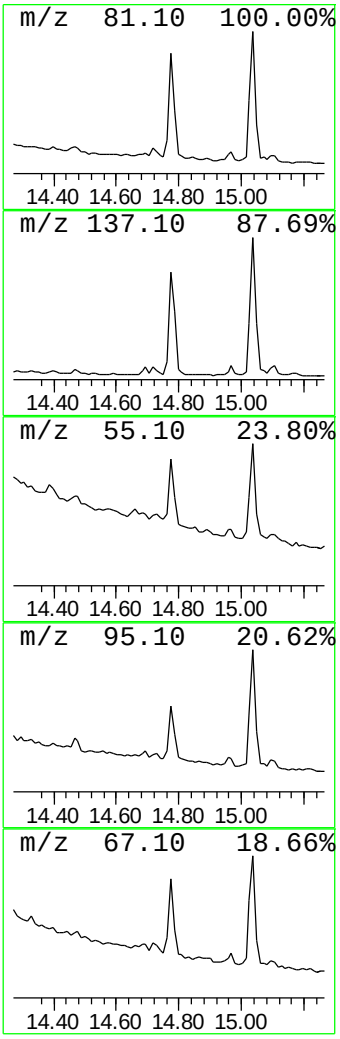
Peak Number 16 unknown14.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	29.20 ng	1873770	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 2-methyl-1-(octahyd...	208	C14H24O	066708-25-6	45
2	7-Oxabicyclo[4.1.0]heptane, 1-(2...	220	C15H24O	059744-12-6	35
3	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	32
4	2-Amino-2,4,6-cycloheptatriene-1...	137	C7H7NS	003336-99-0	27
5	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	27





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Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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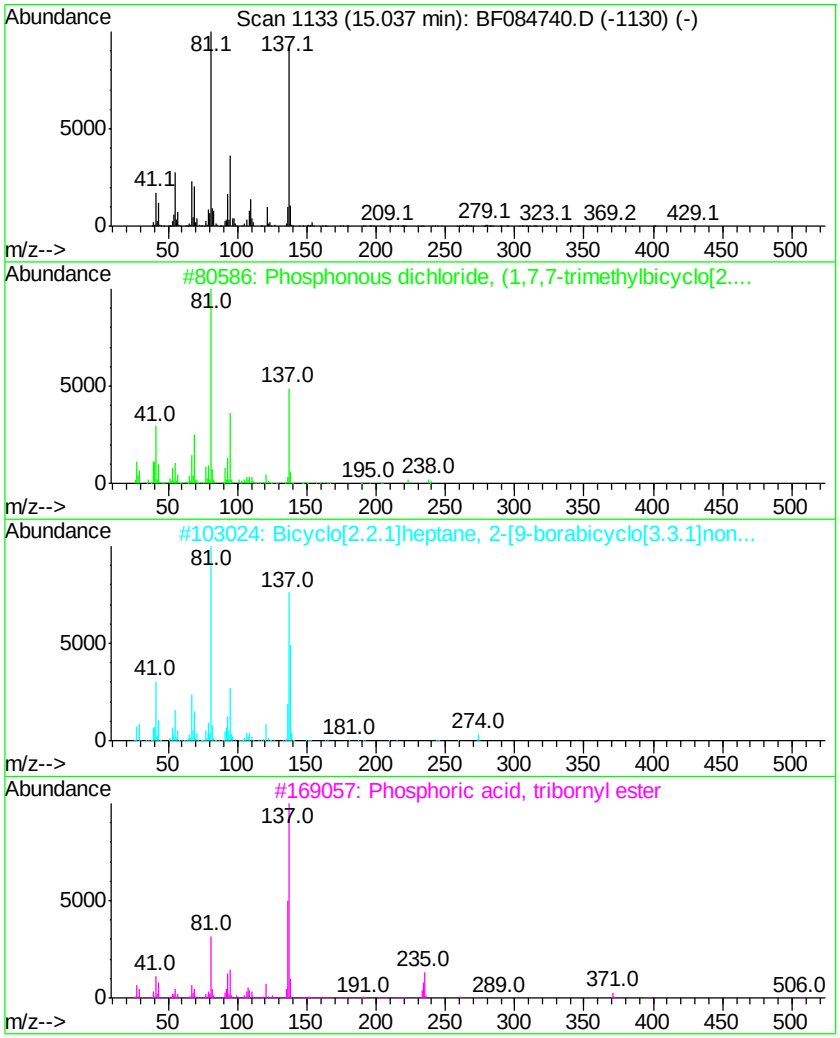
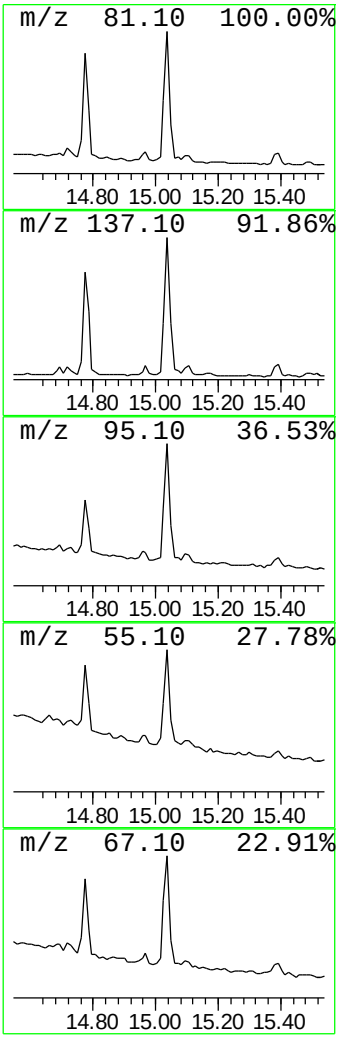
Peak Number 17 Phosphonous dichloride, (1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	29.47 ng	1891090	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonous dichloride, (1,7,7-t...	238	C10H17Cl2P	074630-16-3	78
2	Bicyclo[2.2.1]heptane, 2-[9-bora...	274	C18H31BO	1000160-80-7	72
3	Phosphoric acid, tribornyl ester	506	C30H51O4P	1000158-10-2	50
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	32





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Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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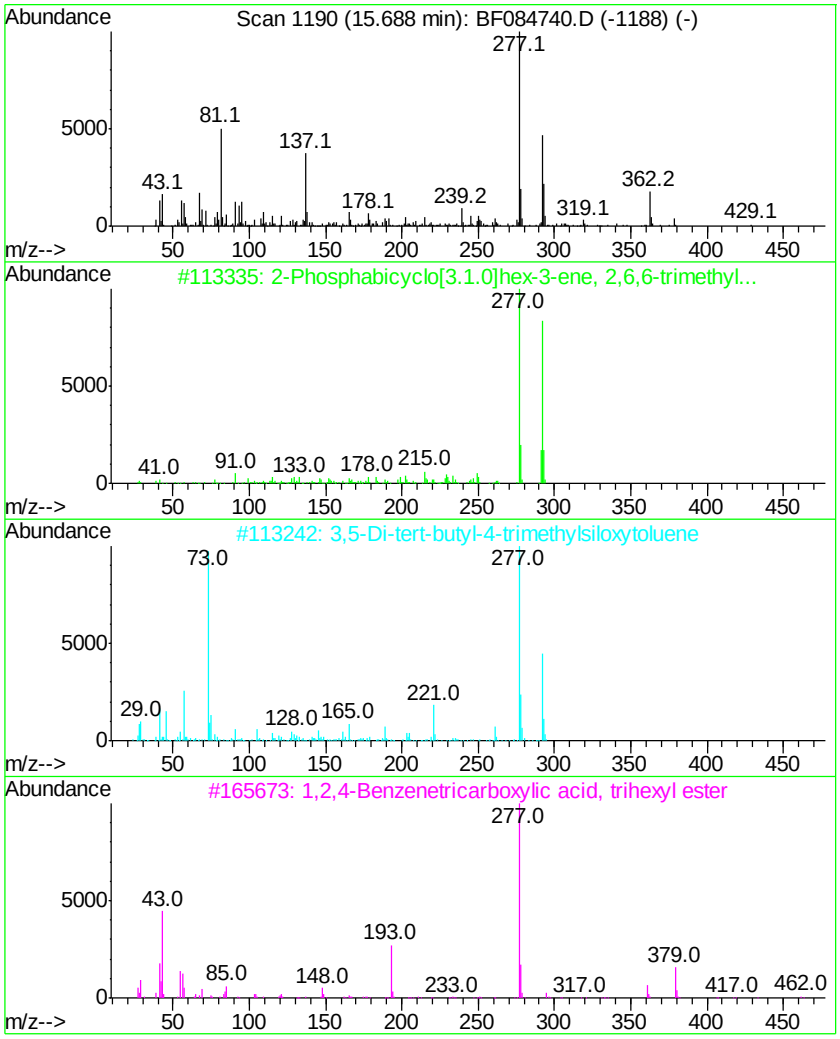
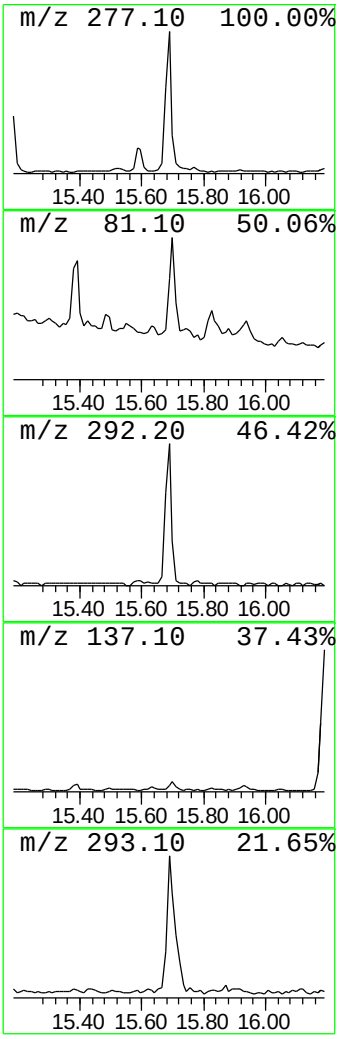
Peak Number 18 2-Phosphabicyclo[3.1.0]hex-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	15.92 ng	1021900	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phosphabicyclo[3.1.0]hex-3-ene...	292	C20H21P	1000161-75-2	58
2	3,5-Di-tert-butyl-4-trimethylsil...	292	C18H32OSi	018510-49-1	32
3	1,2,4-Benzenetricarboxylic acid,...	462	C27H42O6	001528-49-0	32
4	2-Methoxy-5-amino-4,6-diphenylpy...	277	C17H15N3O	076891-83-3	32
5	8-(3-FORMYLANILINO)NAPHTHO-1,2-Q...	277	C17H11NO3	1000058-06-4	25





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Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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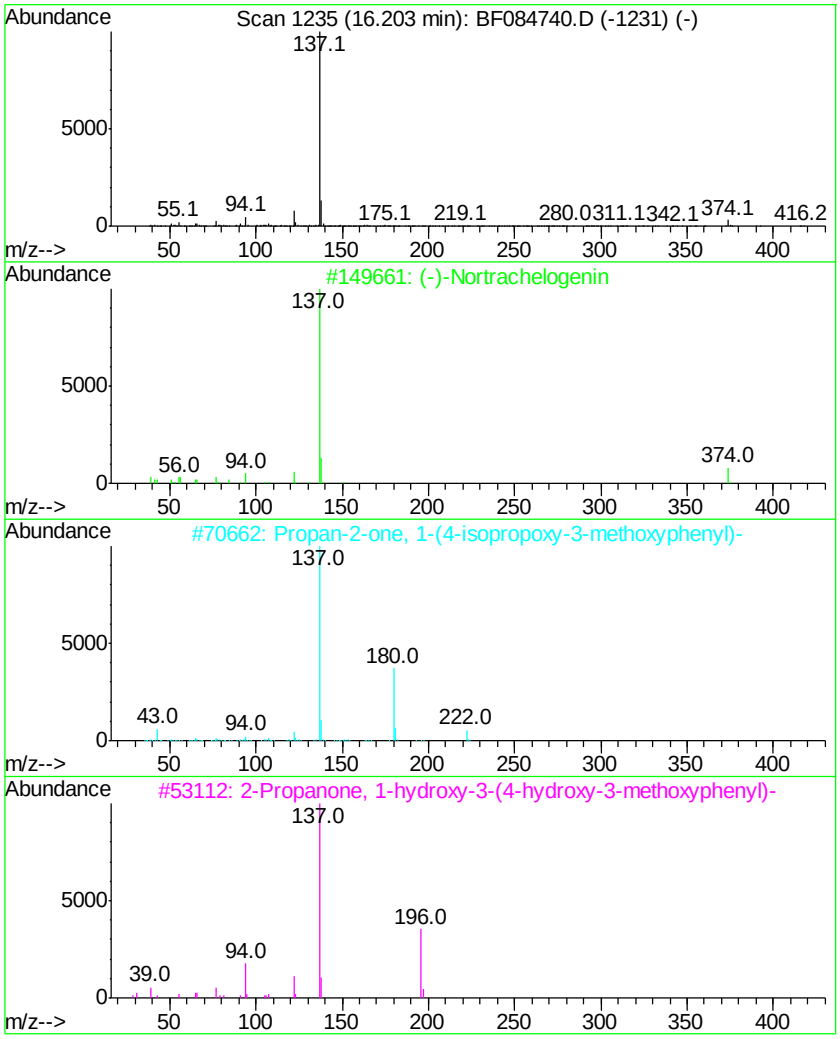
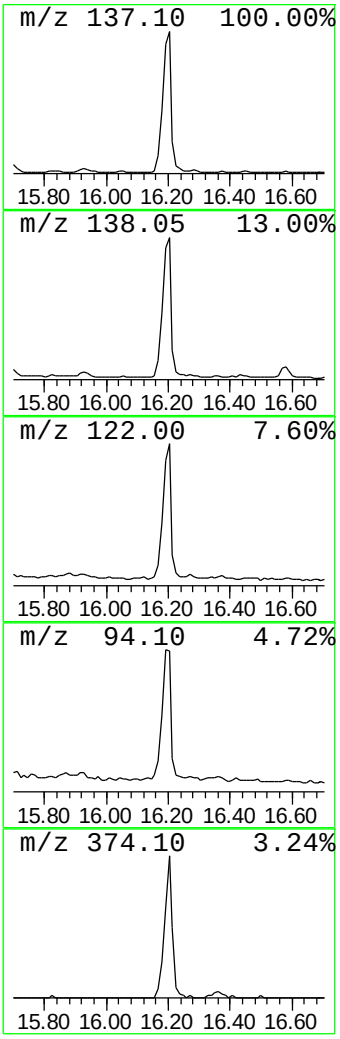
Peak Number 19 (-)-Nortrachelogenin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	32.08 ng	2058610	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Nortrachelogenin	374	C20H22O7	034444-37-6	91
2	Propan-2-one, 1-(4-isopropoxy-3-...	222	C13H18O3	1000267-40-3	64
3	2-Propanone, 1-hydroxy-3-(4-hydr...	196	C10H12O4	004899-74-5	56
4	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	56
5	L-4-Hydroxy-3-methoxyphenylalanine	211	C10H13NO4	000300-48-1	43





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Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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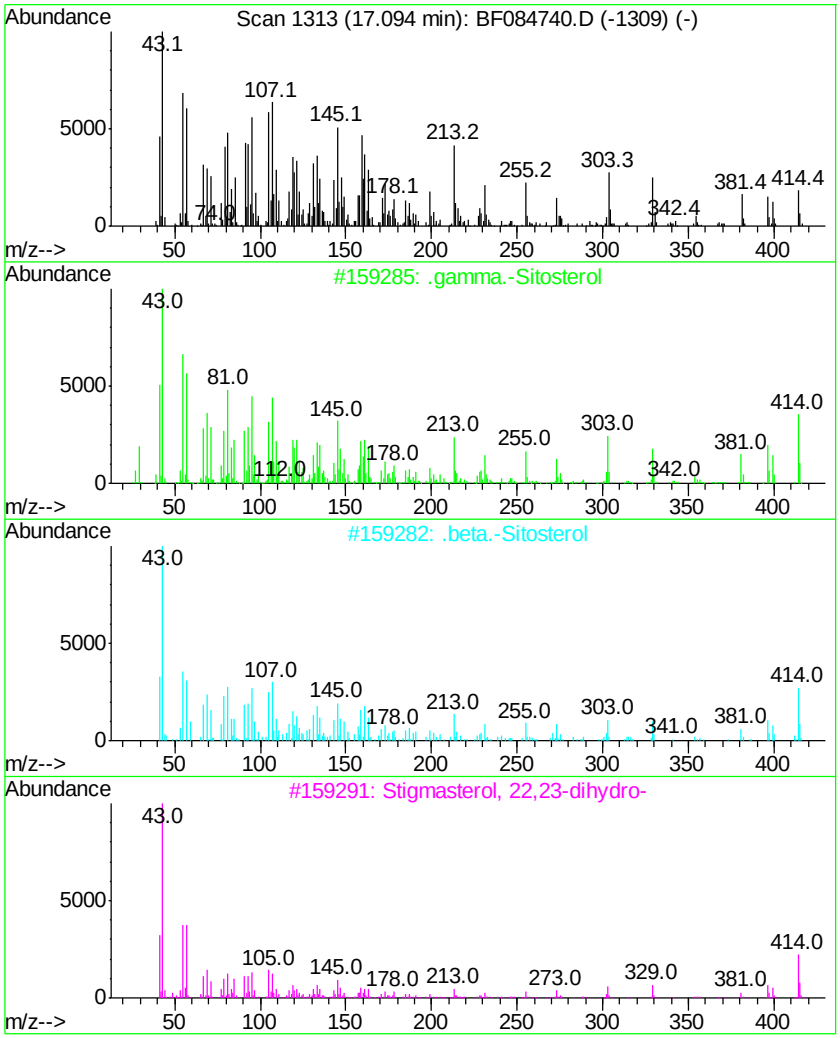
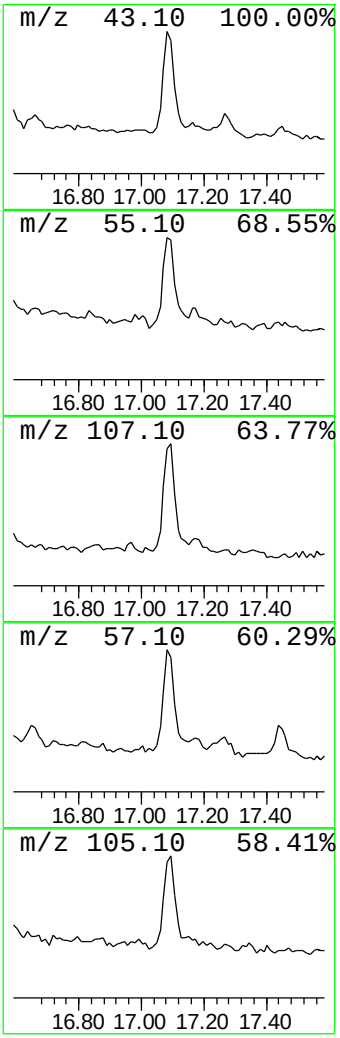
Peak Number 20 .gamma.-Sitosterol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	23.00 ng	1476270	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	62
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084740.D
Acq On : 2 Feb 2016 5:36
Operator : SJ/IZ
Sample : H1285-18 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1R-.alpha.-Pinene	6.01	46.6	ng	45961200	1	6.72	19733600	20.0
Cyclohexene, 1-me...	6.85	22.6	ng	22264200	1	6.72	19733600	20.0
Bicyclo[2.2.1]hep...	7.54	47.1	ng	6827830	2	8.00	2896270	20.0
Borneol	7.92	58.9	ng	8532230	2	8.00	2896270	20.0
p-menth-1-en-8-ol	8.06	209.2	ng	30299400	2	8.00	2896270	20.0
Cyclohexanemethan...	8.76	45.7	ng	6614850	2	8.00	2896270	20.0
Octanal, 7-hydrox...	8.88	25.0	ng	1760180	3	9.74	1409390	20.0
Caryophyllene	9.41	15.4	ng	1084020	3	9.74	1409390	20.0
4-((1E)-3-Hydroxy...	10.90	24.4	ng	1211330	4	11.23	994502	20.0
unknown11.94	11.94	16.7	ng	828999	4	11.23	994502	20.0
Phenanthrene, 7-e...	12.15	42.3	ng	2102500	4	11.23	994502	20.0
Kaur-16-en-18-oic...	13.71	91.4	ng	61931600	5	13.88	13547000	20.0
1-Phenanthrenecar...	13.80	26.2	ng	17769100	5	13.88	13547000	20.0
Abietic acid	14.03	64.2	ng	43483800	5	13.88	13547000	20.0
4H-1-Benzopyran-4...	14.69	18.7	ng	1198080	6	15.29	1283560	20.0
unknown14.77	14.77	29.2	ng	1873770	6	15.29	1283560	20.0
Phosphonous dichl...	15.04	29.5	ng	1891090	6	15.29	1283560	20.0
2-Phosphabicyclo[...	15.69	15.9	ng	1021900	6	15.29	1283560	20.0
(-)-Nortrachelogenin	16.20	32.1	ng	2058610	6	15.29	1283560	20.0
.gamma.-Sitosterol	17.09	23.0	ng	1476270	6	15.29	1283560	20.0