LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091048.D
Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

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-BF110316.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	1.778	7	8	46	rVB	2084166	5597763	100.00%	11.855%
2	4.853	275	277	285	rBV	475024	711355	12.71%	1.507%
3	5.299	313	316	319	rBV	3111773	3220746	57.54%	6.821%
4	6.362	405	409	411	rBV	2493965	3602243	64.35%	7.629%
5	6.476	416	419	421	rBV	3373536	3671734	65.59%	7.776%
6	6.705	437	439	441	rBV	995170	1021663	18.25%	2.164%
7	6.853	450	452	455	rBV	2101237	2619490	46.80%	5.548%
8	7.276	486	489	491	rBV	1759920	2108165	37.66%	4.465%
9	7.985	549	551	554	rBV	1092930	1308521	23.38%	2.771%
10	9.071	643	646	648	rBV	4249603	3691401	65.94%	7.818%
11	9.471	678	681	683	rBV	897517	853083	15.24%	1.807%
12	9.688	696	700	702	rBV2	77069	90465	1.62%	0.192%
13	9.745	702	705	707	rBV	1486989	1475726	26.36%	3.125%
14	10.179	742	743	745	rVB	88999	95037	1.70%	0.201%
15	10.408	760	763	765	rBV	44805	63845	1.14%	0.135%
16	10.534	771	774	776	rBV	1738412	1864877	33.31%	3.950%
17	10.659	783	785	789	rBV	129587	190540	3.40%	0.404%
18	11.105	822	824	825	rBV	83456	81234	1.45%	0.172%
19	11.219	832	834	837	rBV	1111773	1096748	19.59%	2.323%
20	11.265	837	838	839	rVV	133543	96952	1.73%	0.205%
21	11.448	852	854	859	rBV4	56735	102012	1.82%	0.216%
22	11.905	892	894	899	rBV3	54877	107959	1.93%	0.229%
23	12.271	922	926	929	rBV5	19756	66597	1.19%	0.141%
24	12.374	932	935	938	rBV2	39963	59028	1.05%	0.125%
25	12.431	938	940	942	rBV	65366	70215	1.25%	0.149%
26	12.477	942	944	946	rBV	224971	199114	3.56%	0.422%
27	12.602	950	955	956	rBV2	51534	94738	1.69%	0.201%
28	12.659	956	960	961	rBV	65441	96194	1.72%	0.204%
29	12.694	961	963	967	rVB	279226	299225	5.35%	0.634%
30	12.808	971	973	975	rBV	2967192	2612448	46.67%	5.533%
31	13.048	990	994	996	rBV3	53911	90553	1.62%	0.192%
32	13.242	1008	1011	1012	rBV2	66313	97060	1.73%	0.206%
33	13.711	1050	1052	1057	rBV	248700	325807	5.82%	0.690%
34	13.780	1057	1058	1062	rBV2	37291	74446	1.33%	0.158%

LSC Area Percent Report

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Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.860	1062	1065	1067	rBV	809750	1133745	20.25%	2.401%
36	14.340	1105	1107	1109	rBV	241003	307833	5.50%	0.652%
37	14.385	1109	1111	1114	rVB	238992	251935	4.50%	0.534%
38	14.694	1137	1138	1140	rBV	82816	108667	1.94%	0.230%
39	14.945	1157	1160	1164	rBV2	378321	667138	11.92%	1.413%
40	15.243	1183	1186	1189	rBV	622994	788402	14.08%	1.670%
41	15.677	1221	1224	1226	rBV	436306	774853	13.84%	1.641%
42	16.248	1272	1274	1281	rVB2	74055	192268	3.43%	0.407%
43	16.637	1306	1308	1311	rVB	101905	182516	3.26%	0.387%
44	16.843	1323	1326	1331	rVB2	130203	316265	5.65%	0.670%
45	17.094	1342	1348	1356	rBV3	310375	1314831	23.49%	2.785%
46	17.254	1359	1362	1365	rVB	154994	315902	5.64%	0.669%
47	17.460	1377	1380	1385	rBV	191377	525033	9.38%	1.112%
48	17.563	1385	1389	1394	rVB3	283827	806347	14.40%	1.708%
49	17.803	1403	1410	1416	rBV3	262809	1069075	19.10%	2.264%
50	17.974	1422	1425	1430	rVB2	95854	259772	4.64%	0.550%
51	18.889	1501	1505	1511	rVB2	157815	445523	7.96%	0.944%

Sum of corrected areas: 47217089

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Misc :
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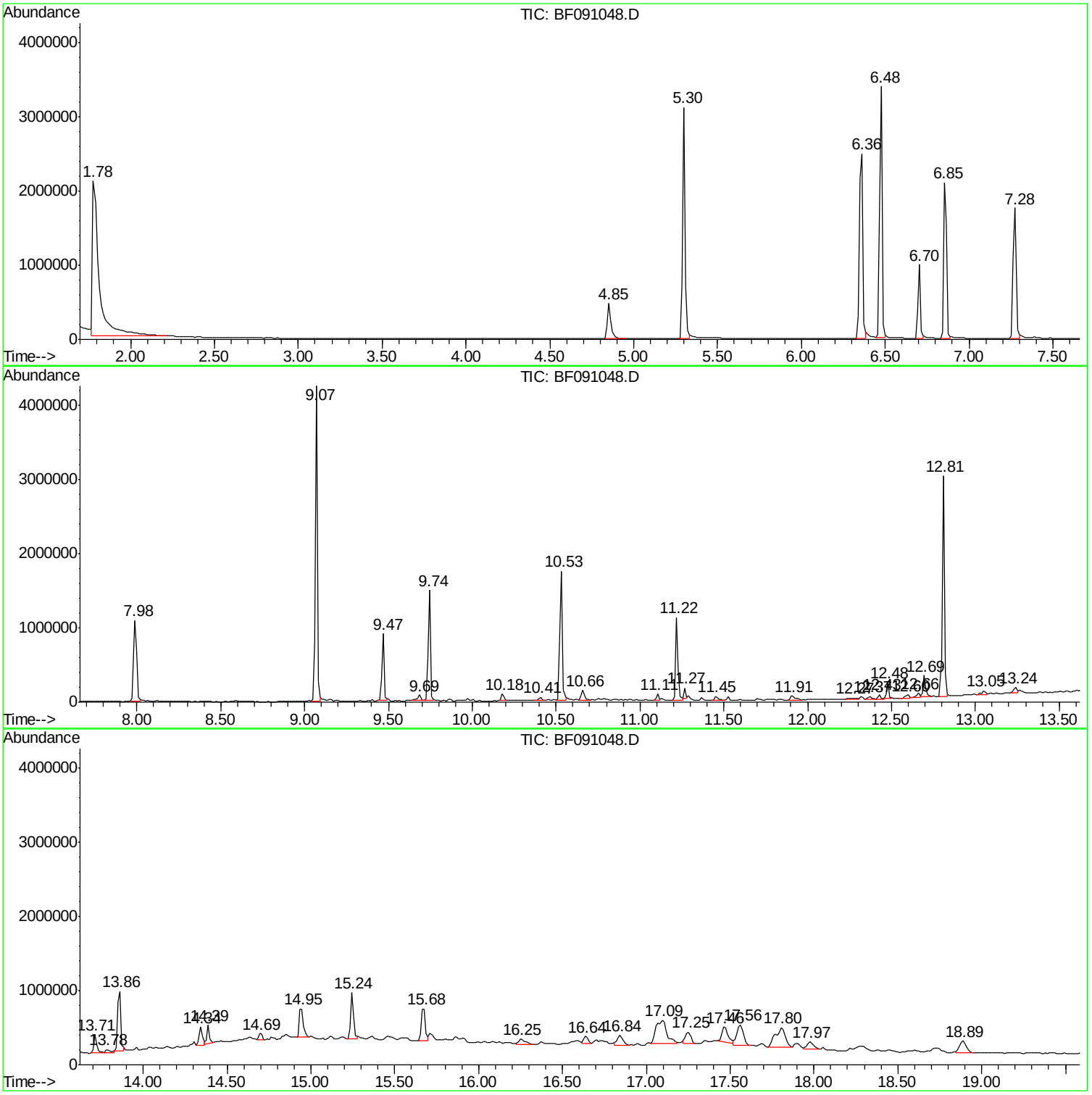
Instrument :
BNA_F
ClientSampleId :
NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091048.D
Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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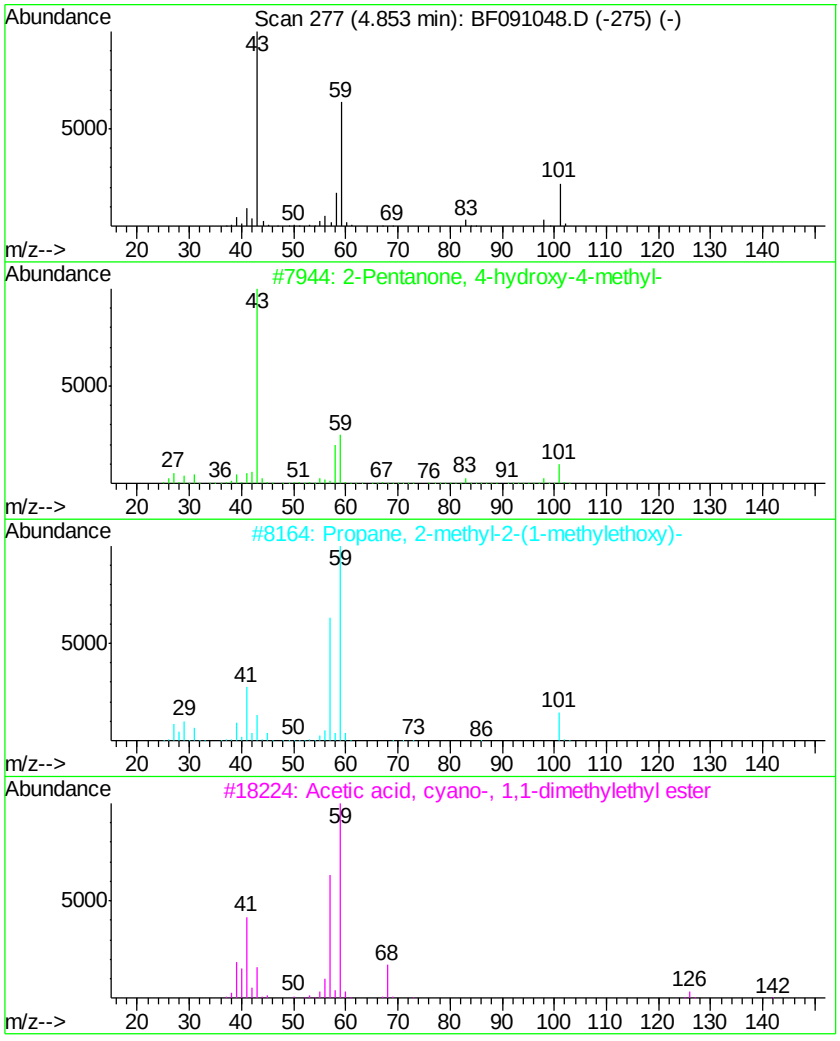
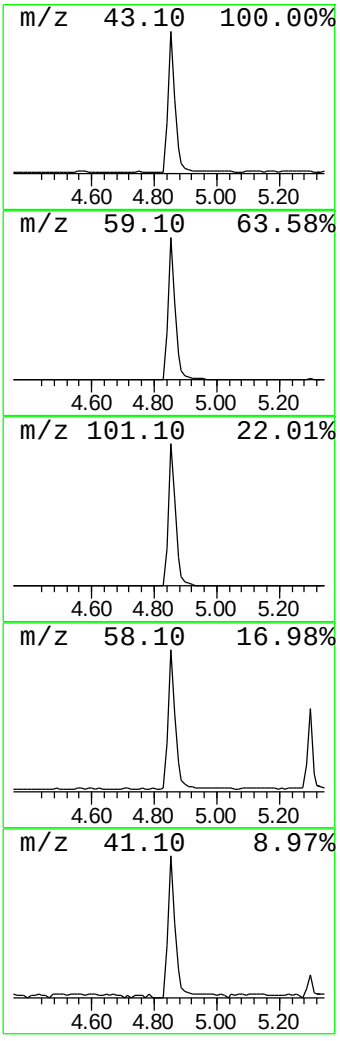
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	13.93 ng	711355	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BF091048.D
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Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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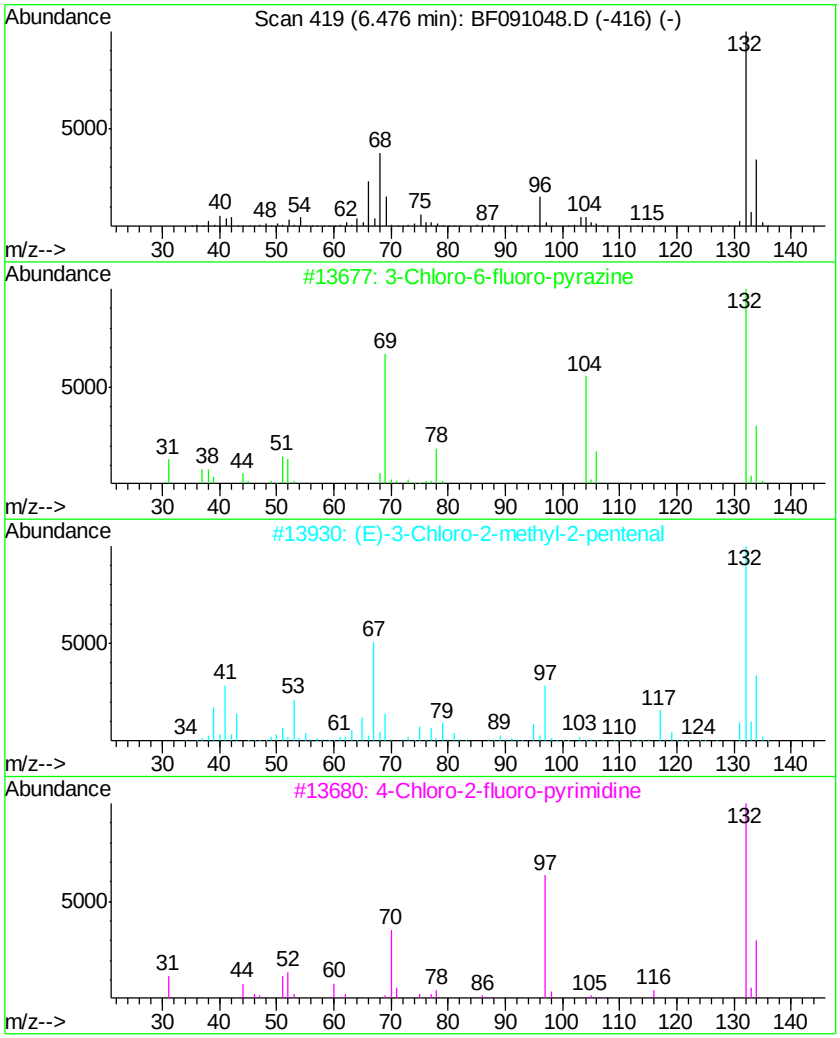
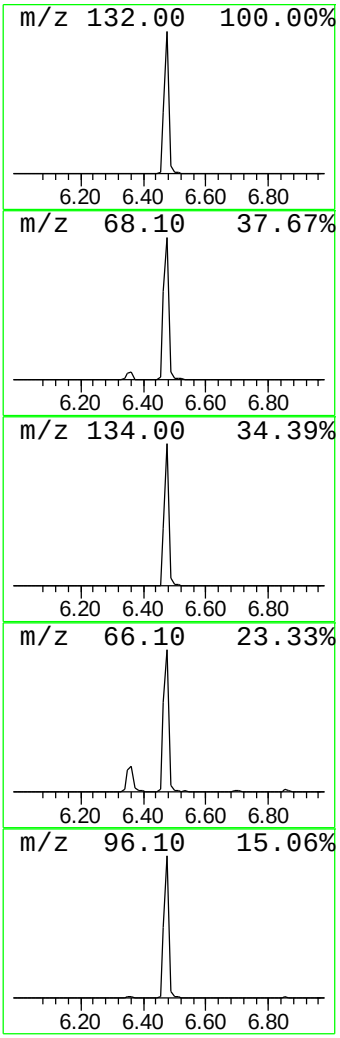
Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	71.88 ng	3671730	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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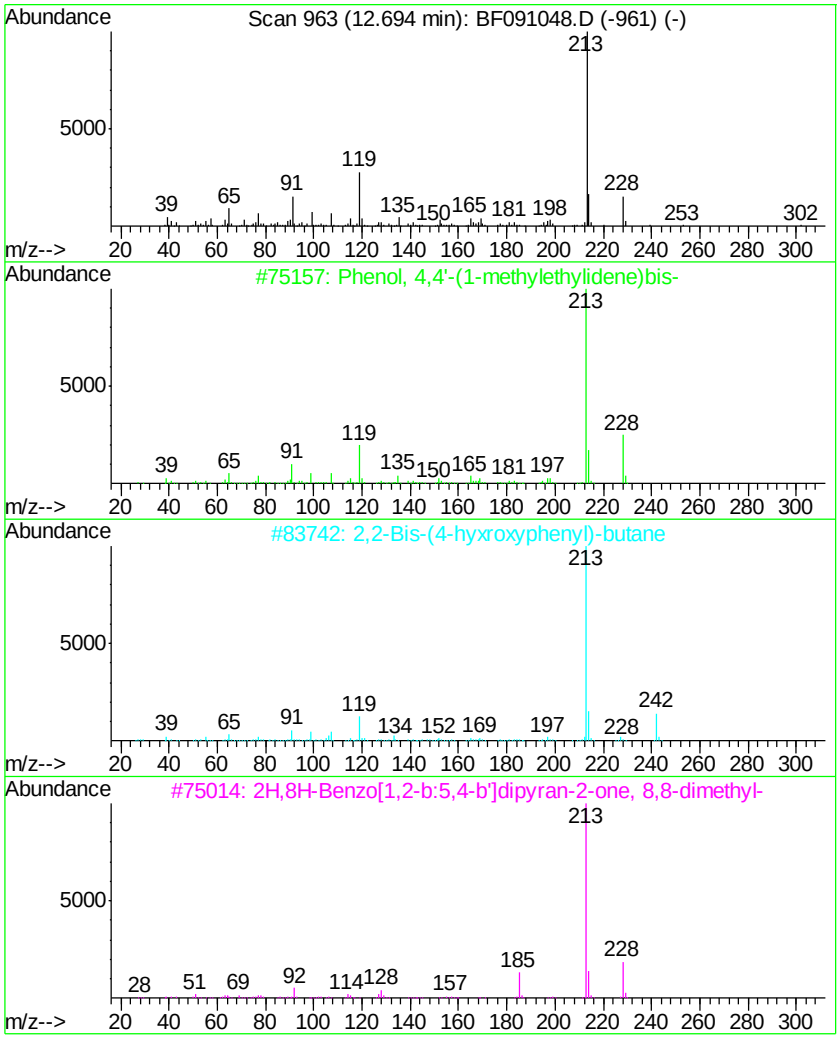
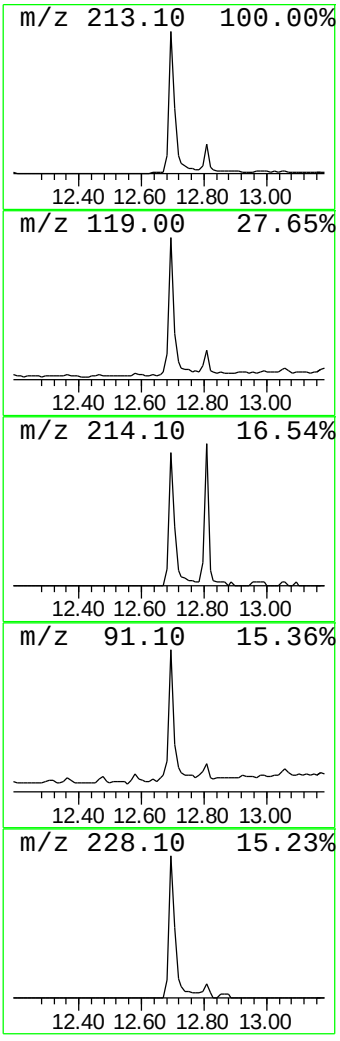
Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.28 ng	299225	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
4	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	52
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50





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Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

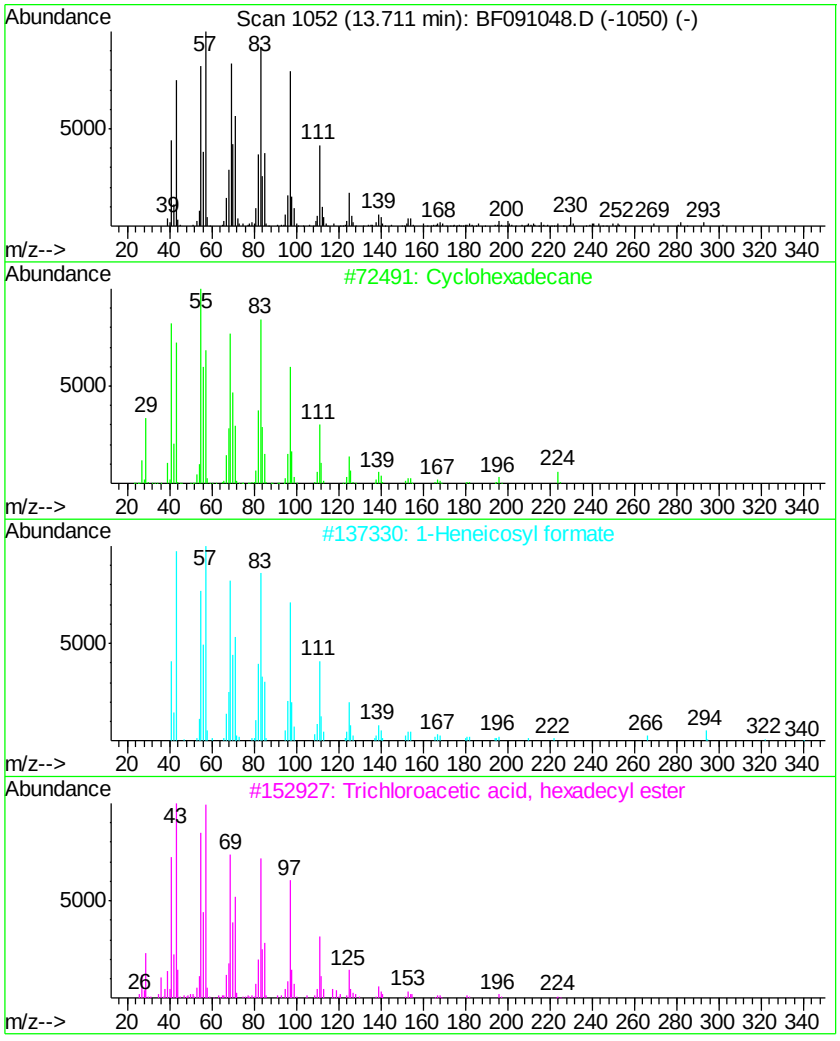
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

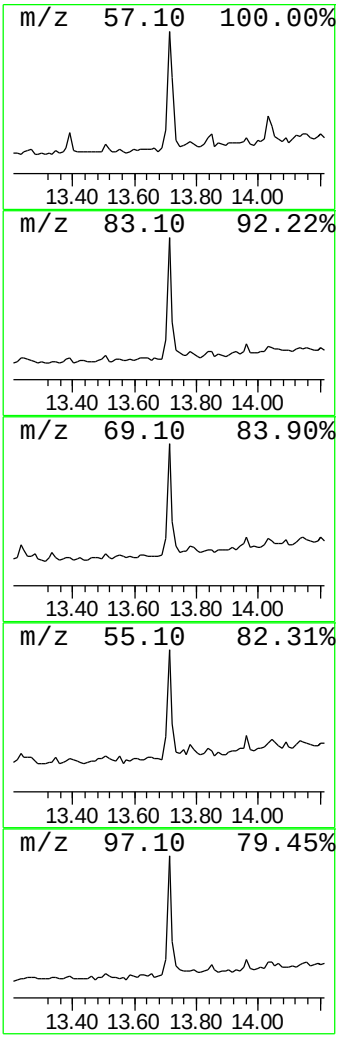
****

Peak Number 6 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.75 ng	325807	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Tetracosanol	354	C24H50O	000506-51-4	91





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Data File : BF091048.D
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Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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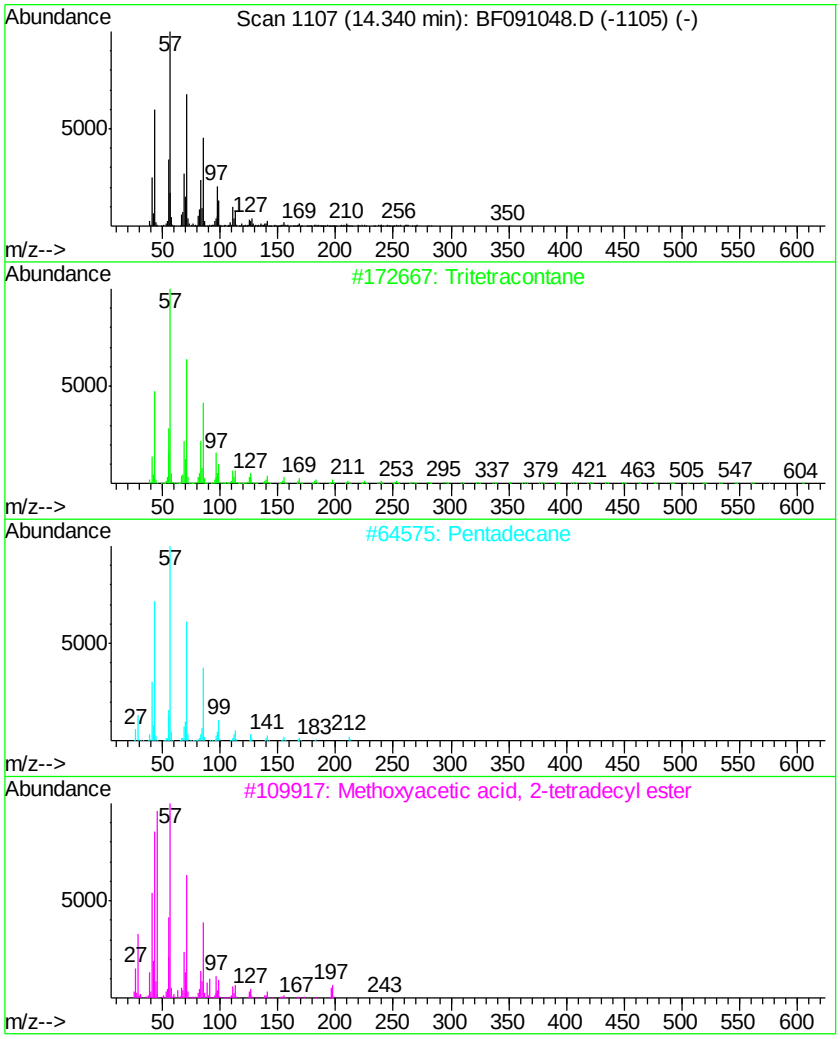
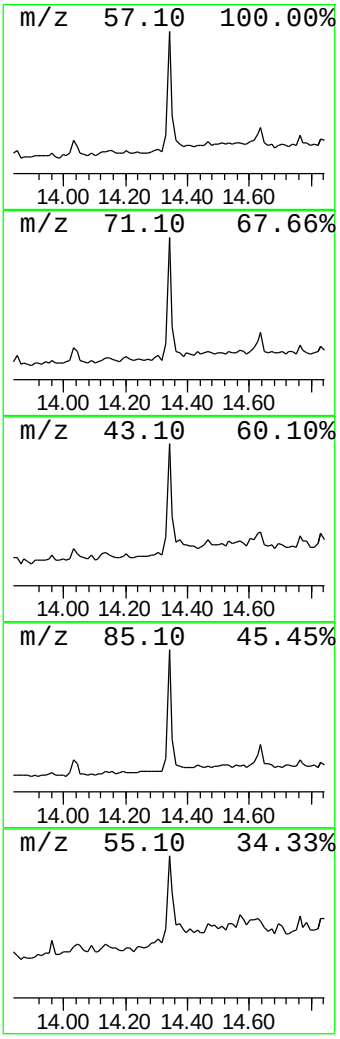
Peak Number 7 Tritetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.43 ng	307833	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80
4	Undecane	156	C11H24	001120-21-4	64
5	Nonadecane	268	C19H40	000629-92-5	64





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Data File : BF091048.D
Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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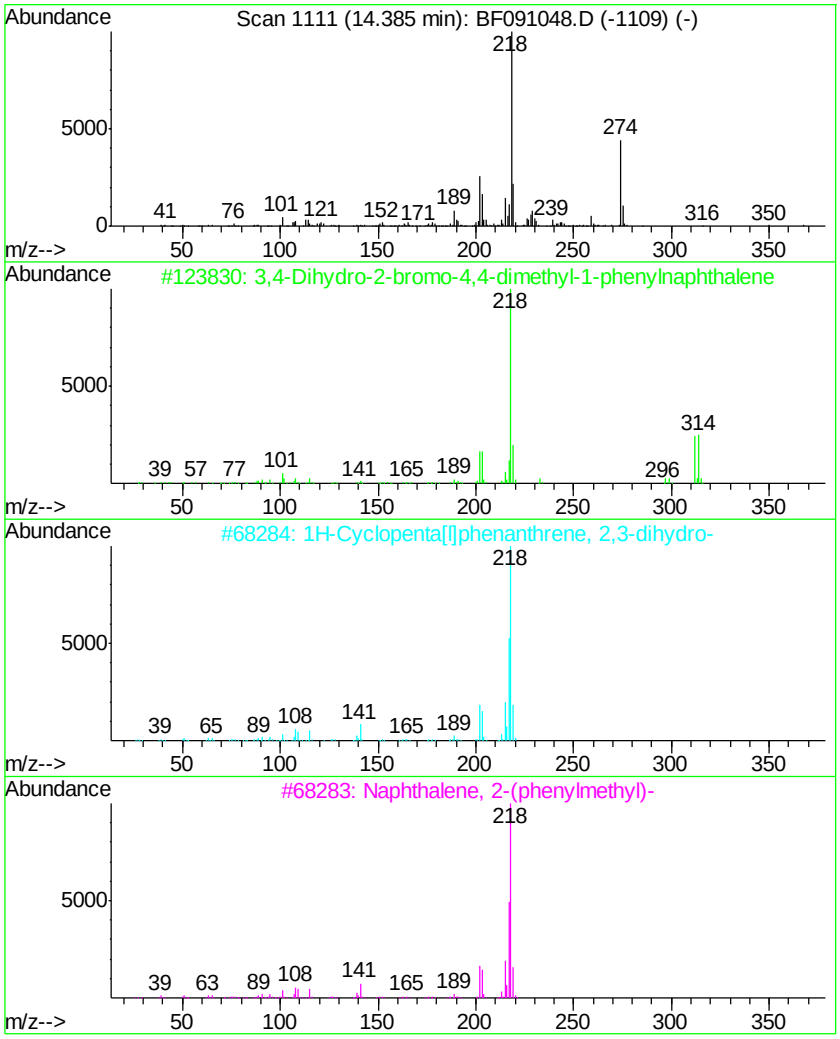
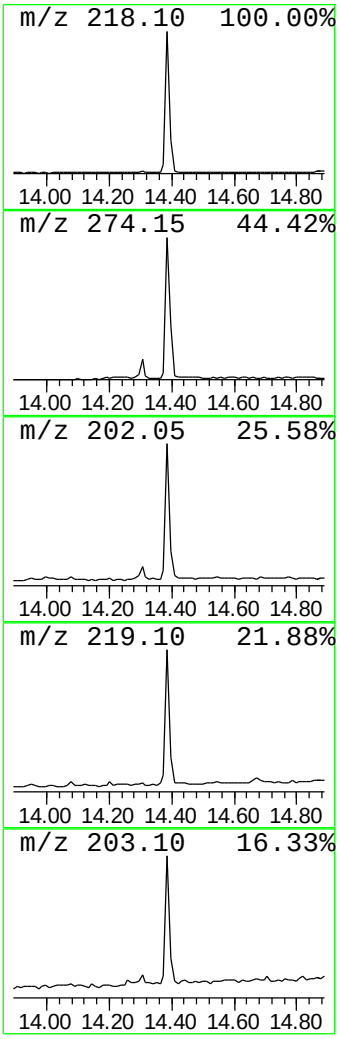
Peak Number 8 3,4-Dihydro-2-bromo-4,4-dim... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.44 ng	251935	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	50
2	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	46
4	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,...	218	C13H18N2O	000469-22-7	43
5	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	43





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Operator : UM/SJ
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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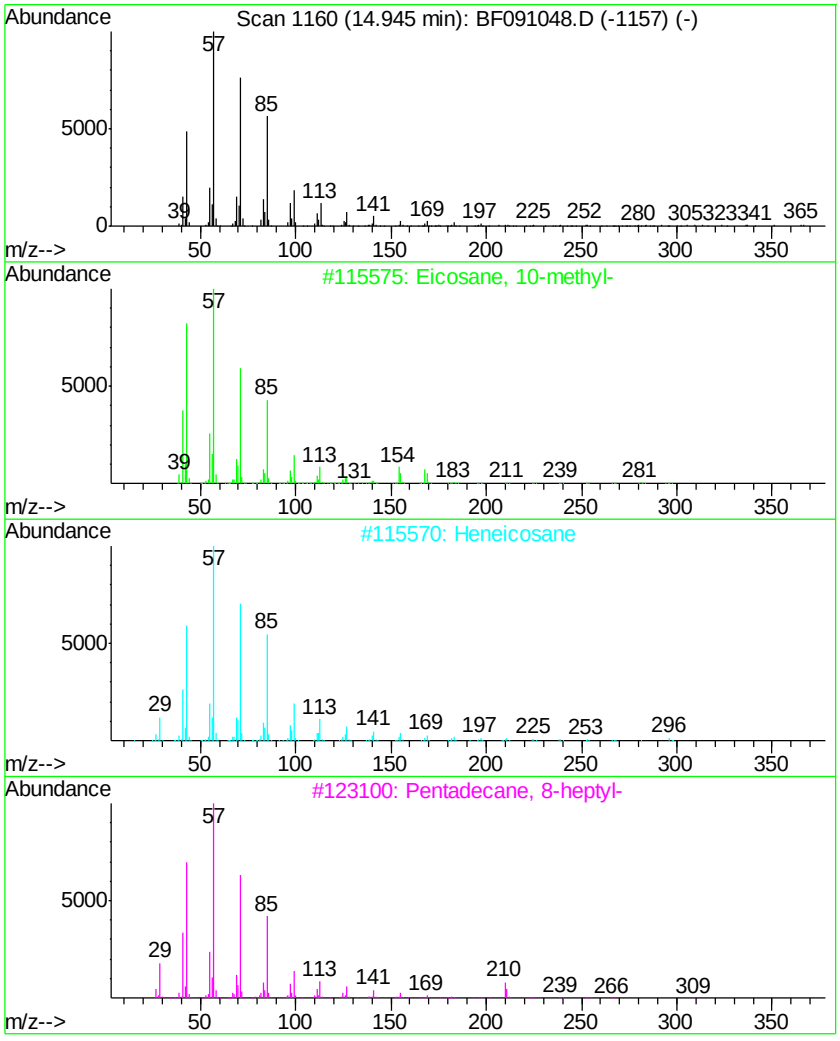
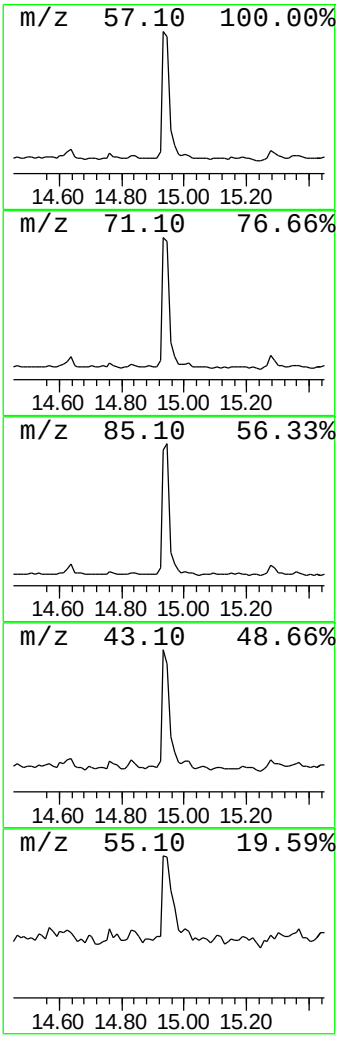
Peak Number 9 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	16.92 ng	667138	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091048.D
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Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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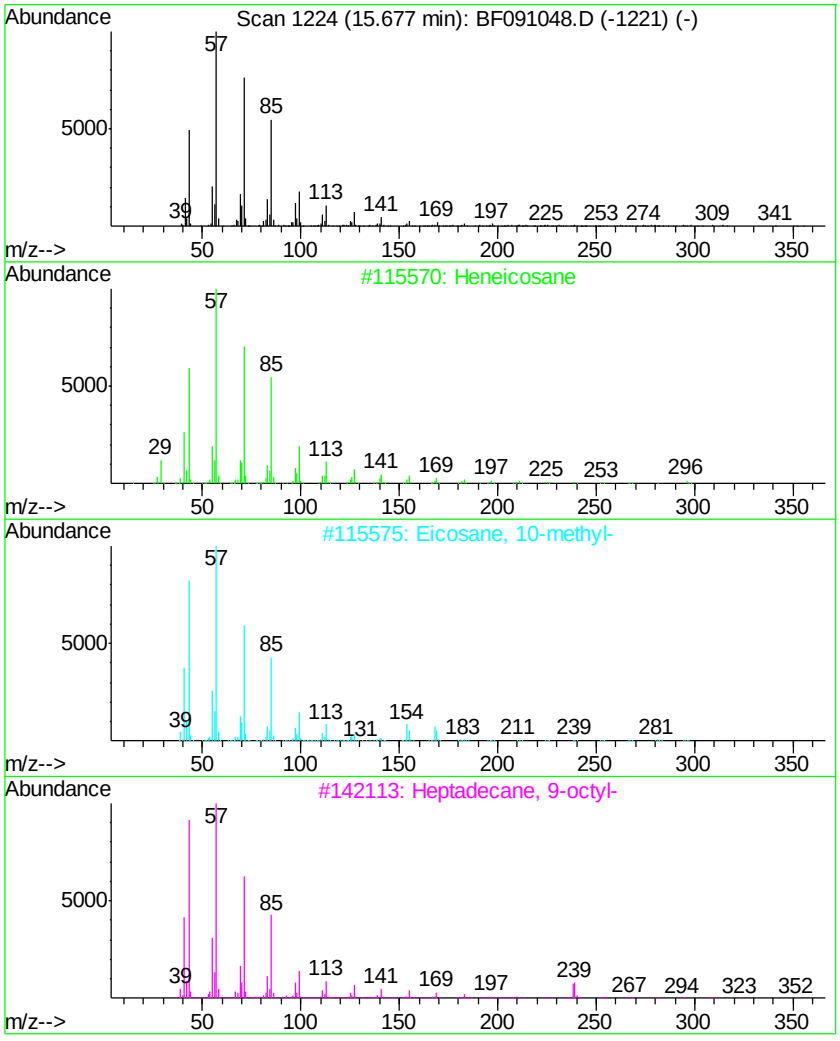
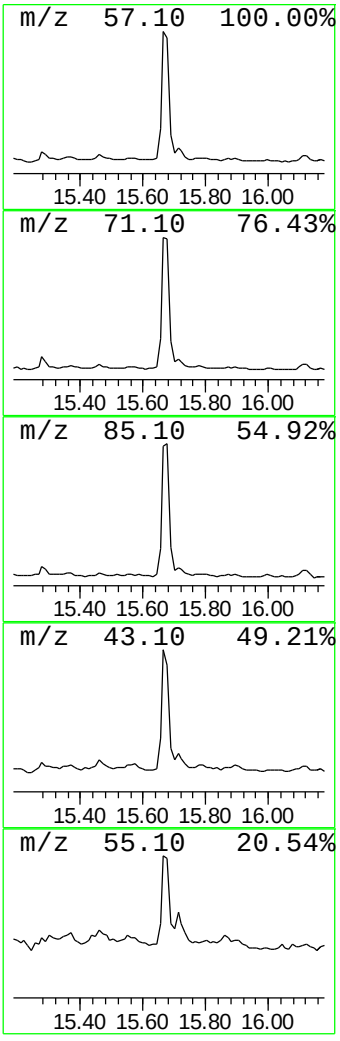
Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	19.66 ng	774853	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





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Data File : BF091048.D
Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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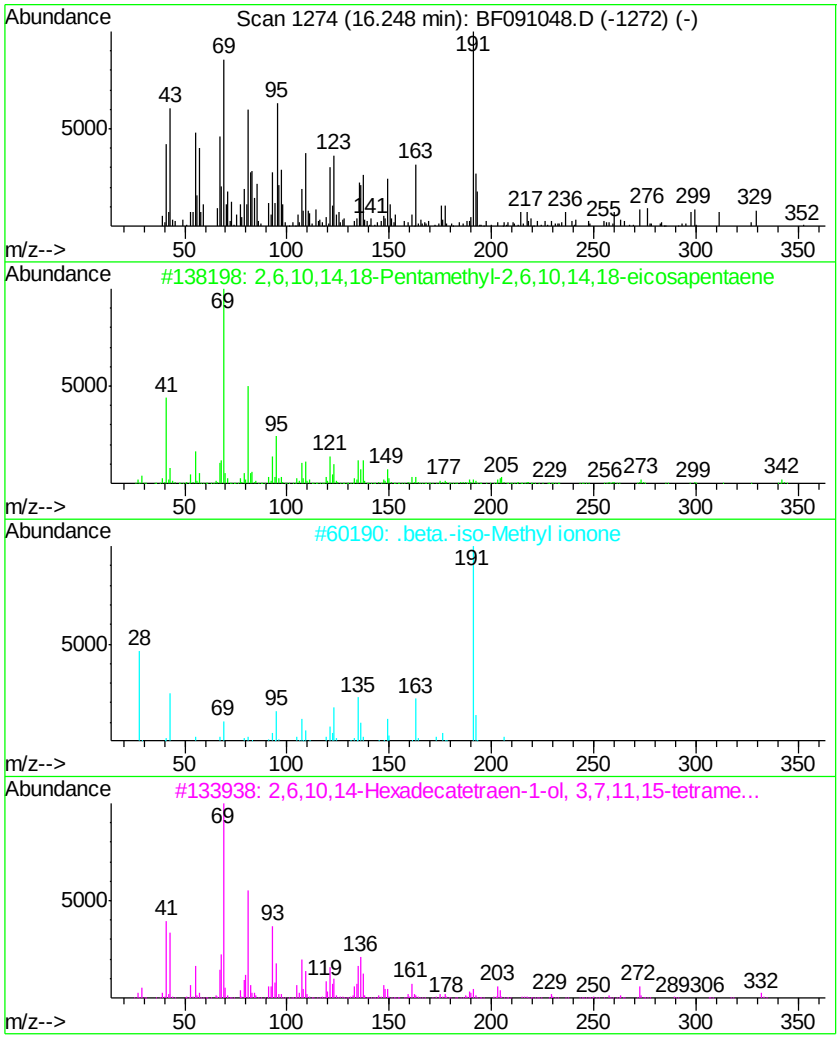
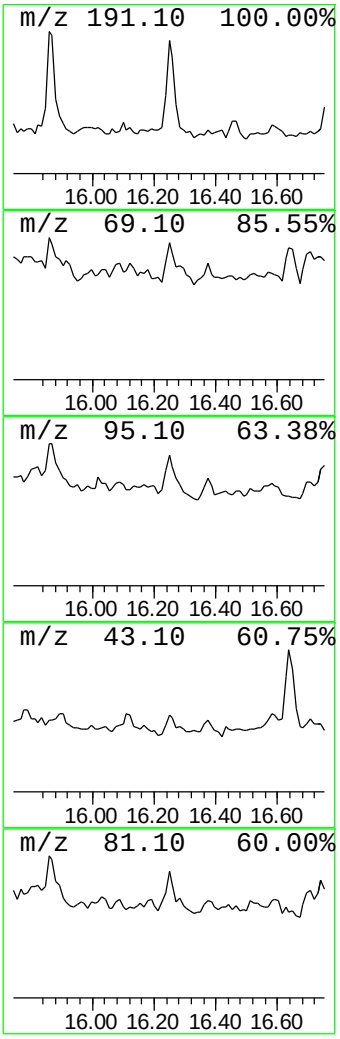
Peak Number 11 unknown16.25 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.88 ng	192268	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	32
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	27
3	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	27
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	22
5	1-(3,5-Dinitrophenoxy)-3,7,11-tr...	388	C21H28N2O5	1000187-44-2	22





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Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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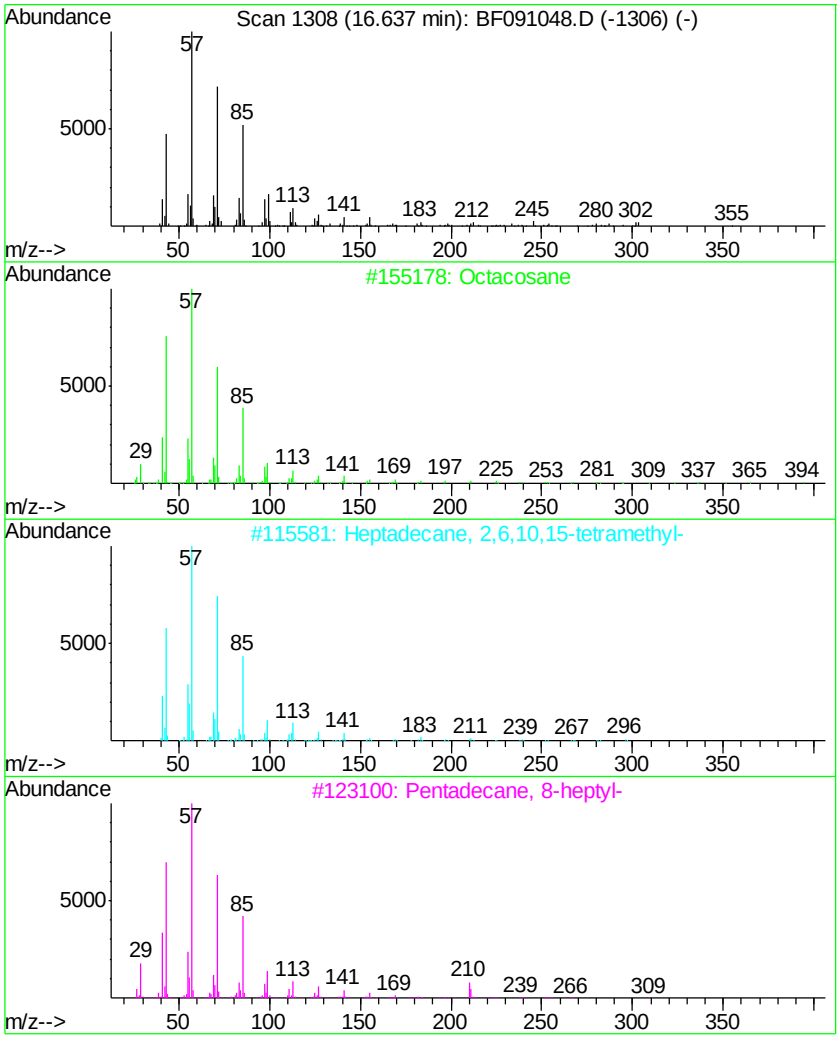
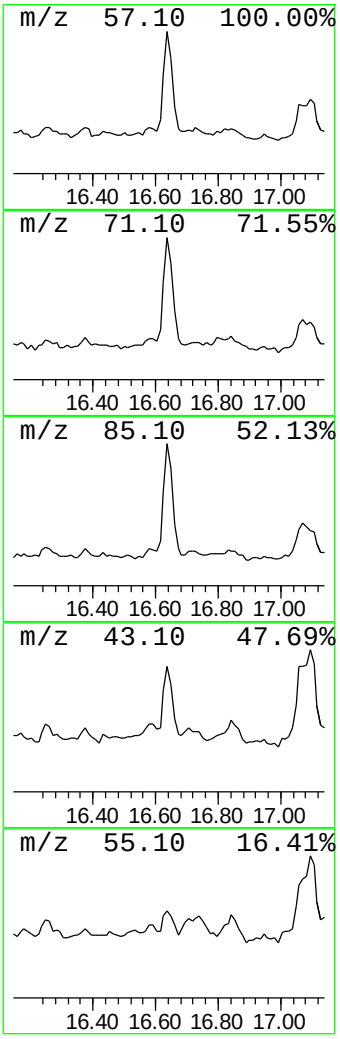
Peak Number 12 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	4.63 ng	182516	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Docosane	310	C22H46	000629-97-0	86





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Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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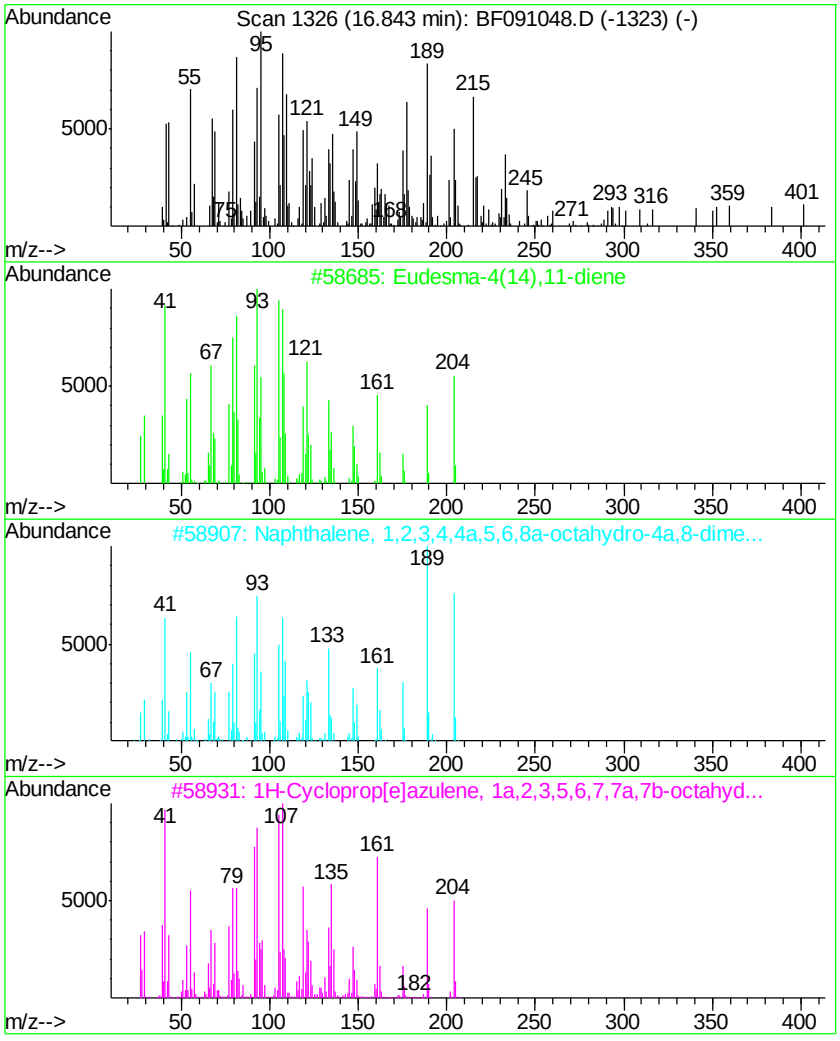
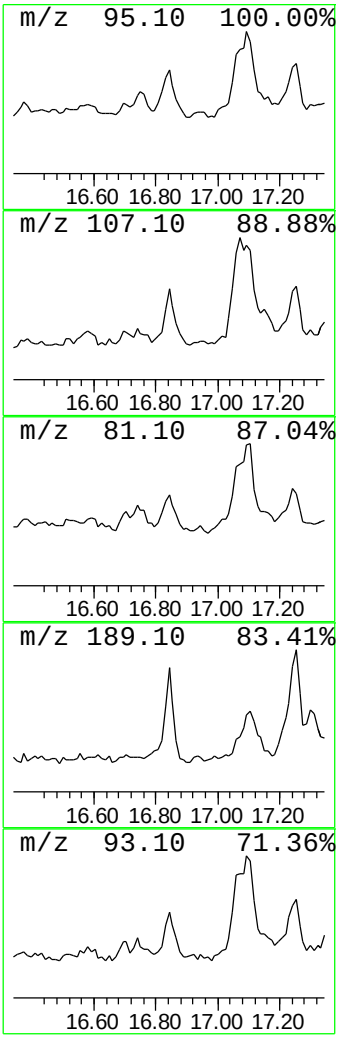
Peak Number 13 Eudesma-4(14),11-diene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	8.02 ng	316265	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	56
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	46
3	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	45
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	45
5	Azulene, 1,2,3,4,5,6,7,8-octahyd...	204	C15H24	003691-12-1	43





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Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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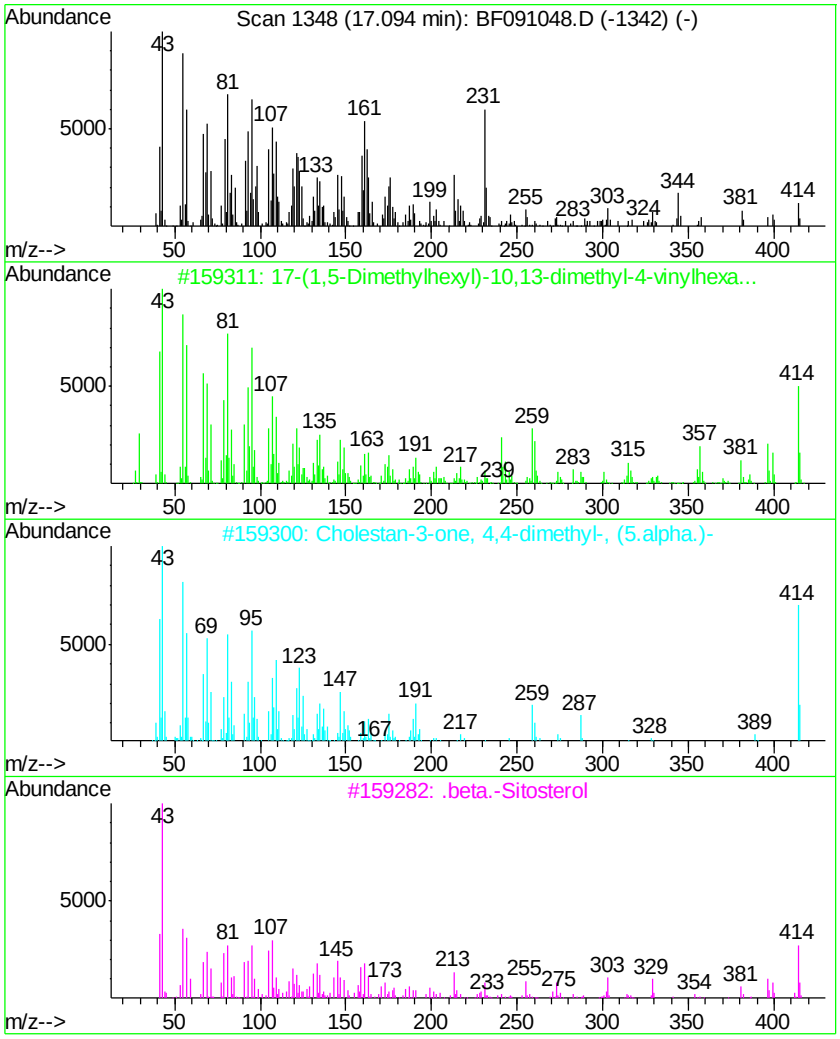
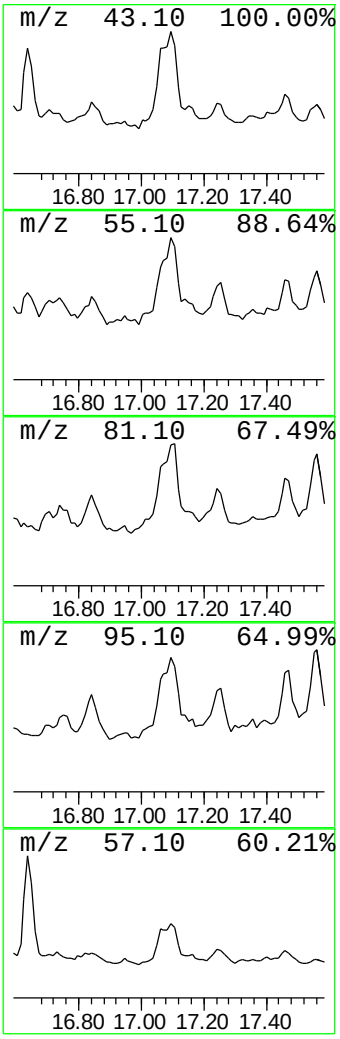
Peak Number 14 unknown17.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	33.35 ng	1314830	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	47
2	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	42
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	42
4	1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	32
5	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	25





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Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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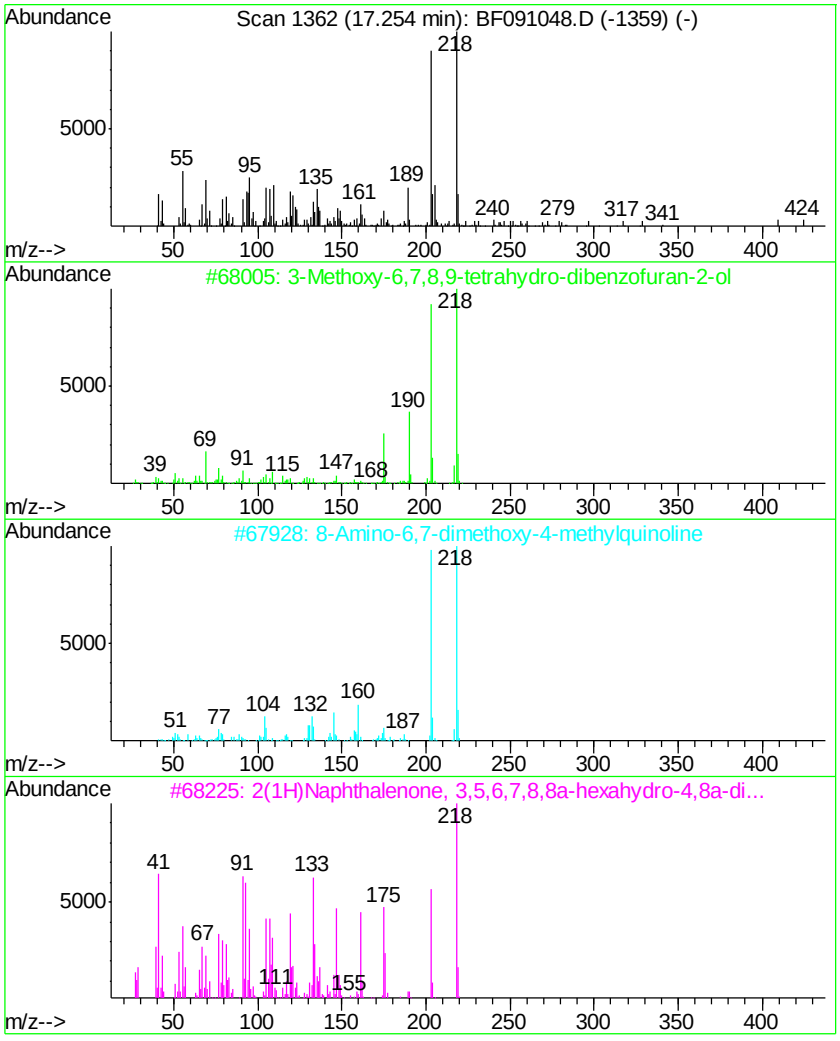
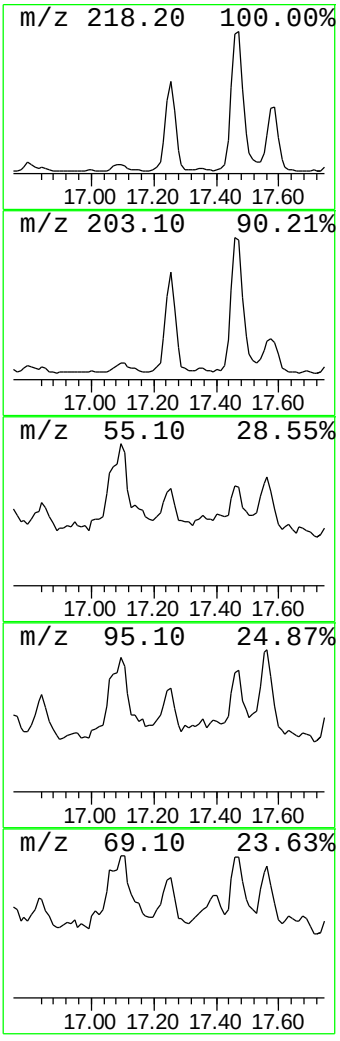
Peak Number 15 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	8.01 ng	315902	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	52
2	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	47
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	45
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	42
5	5-Methanesulfonyl-3-methoxy-isot...	218	C6H6N2O3S2	157138-41-5	38





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Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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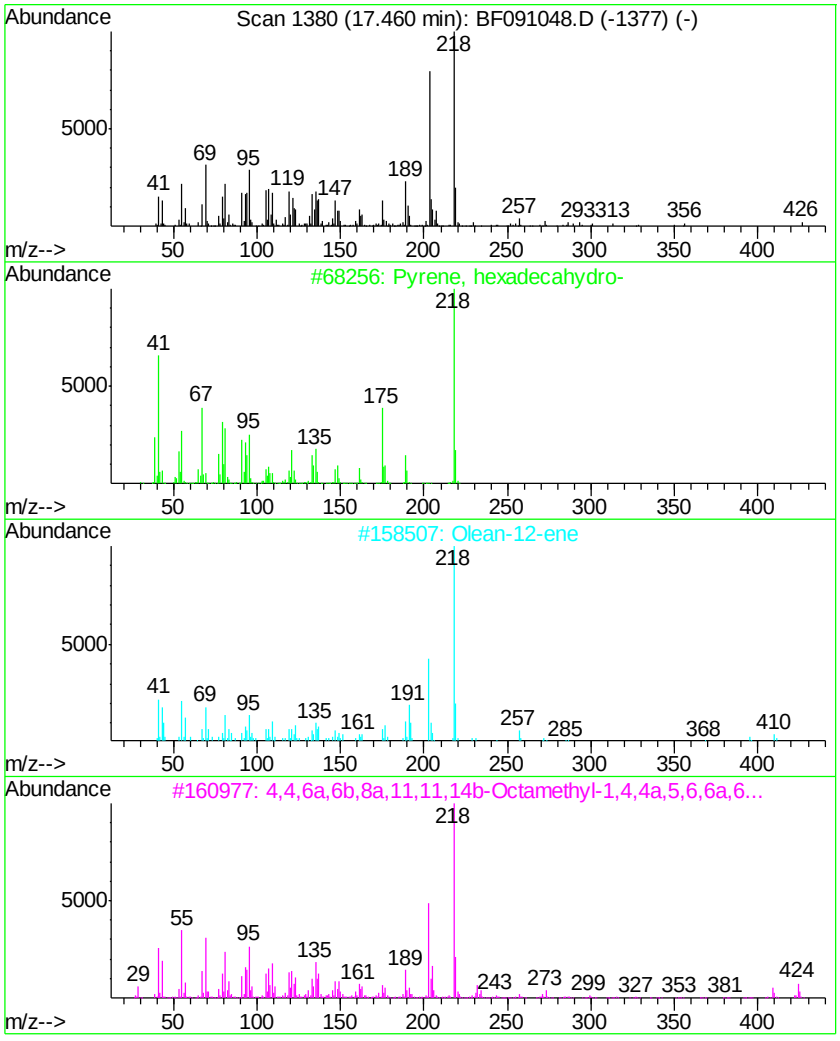
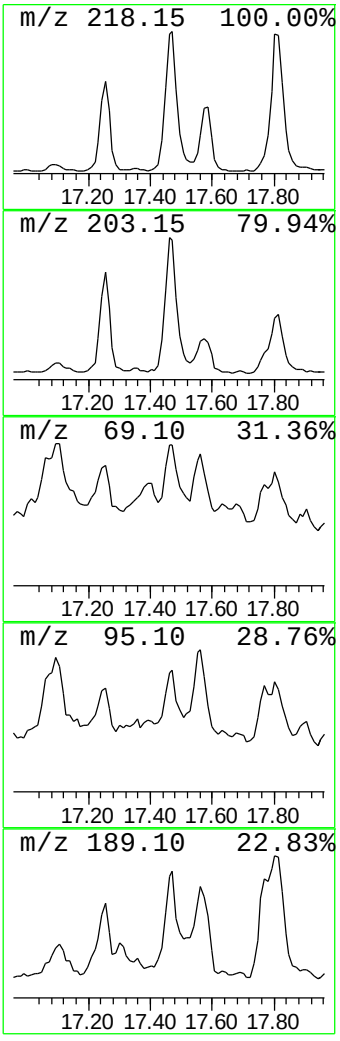
Peak Number 16 Pyrene, hexadecahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	13.32 ng	525033	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	64
2	Olean-12-ene	410	C30H50	000471-68-1	53
3	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	50
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	50
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	46





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Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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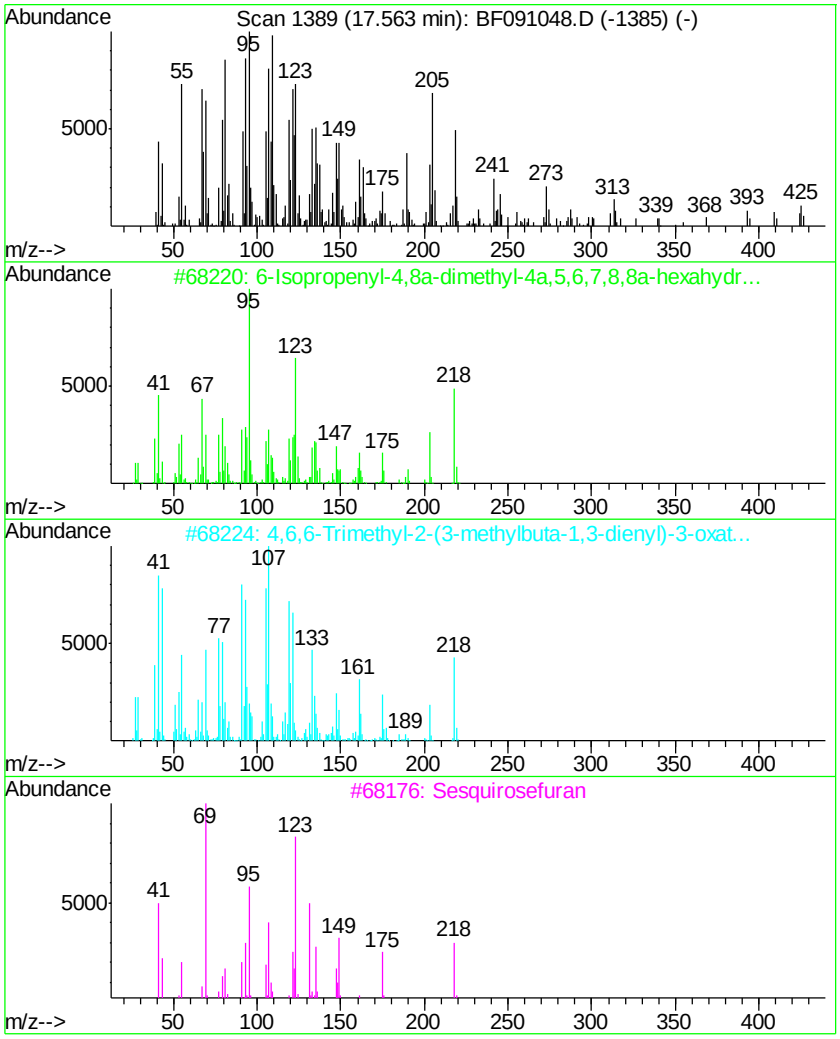
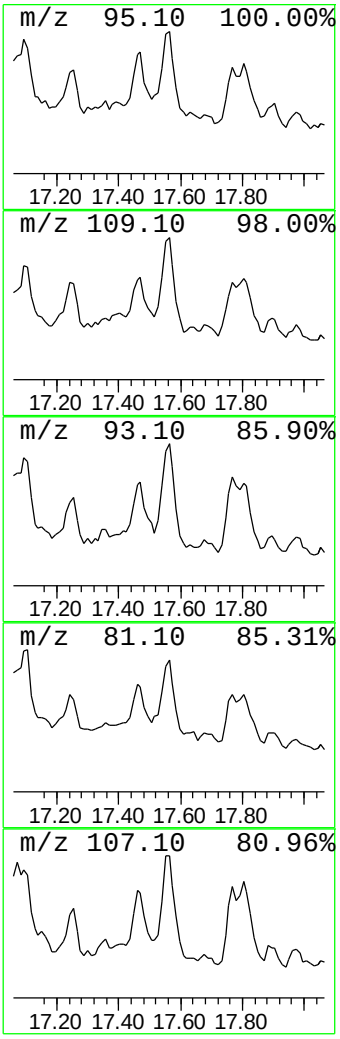
Peak Number 17 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	20.46 ng	806347	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	50
2	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	45
3	Sesquirosefuran	218	C15H22O	039007-93-7	38
4	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38
5	Hexahydroindole	123	C8H13N	018159-32-5	35





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Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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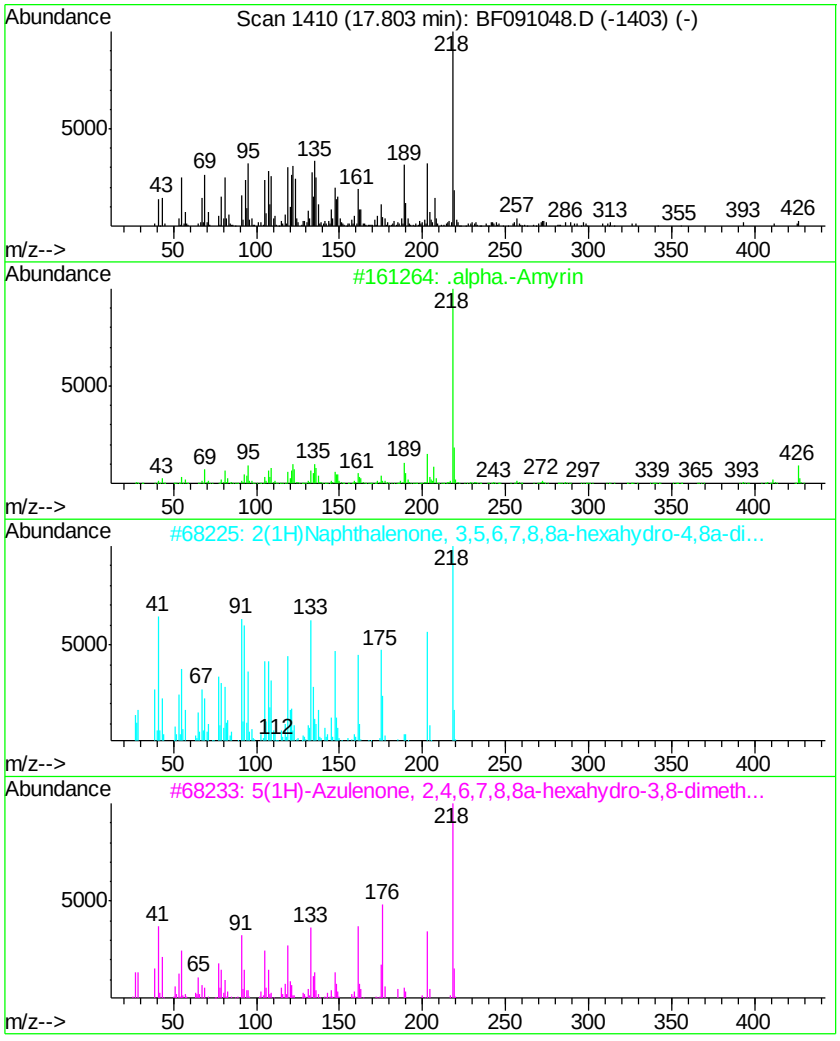
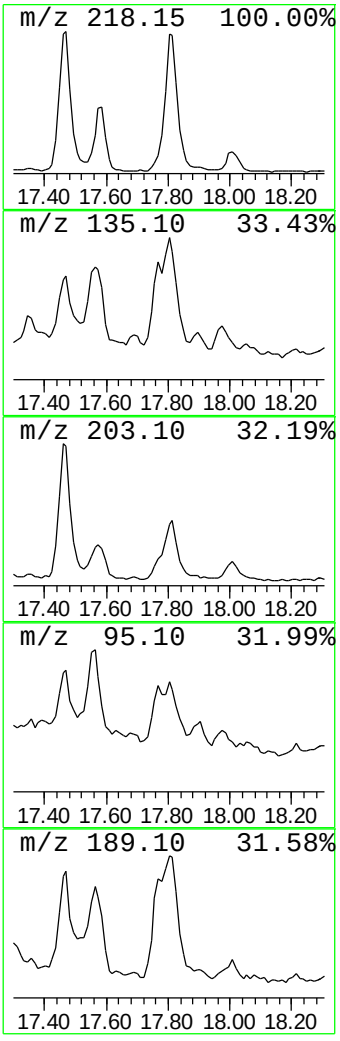
Peak Number 18 .alpha.-Amyrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	27.12 ng	1069080	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrin	426	C30H50O	000638-95-9	78
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	60
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	49
5	D-Norandrostan-16-ol, acetate, (...	304	C20H32O2	054411-62-0	38





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Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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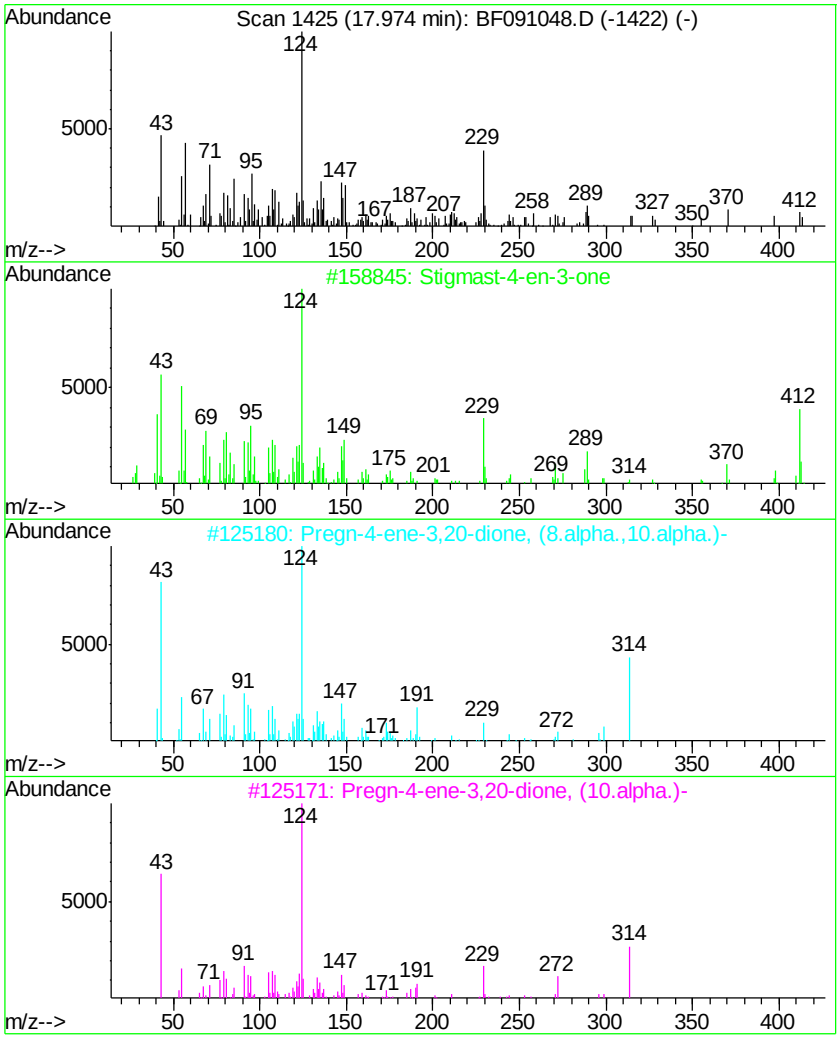
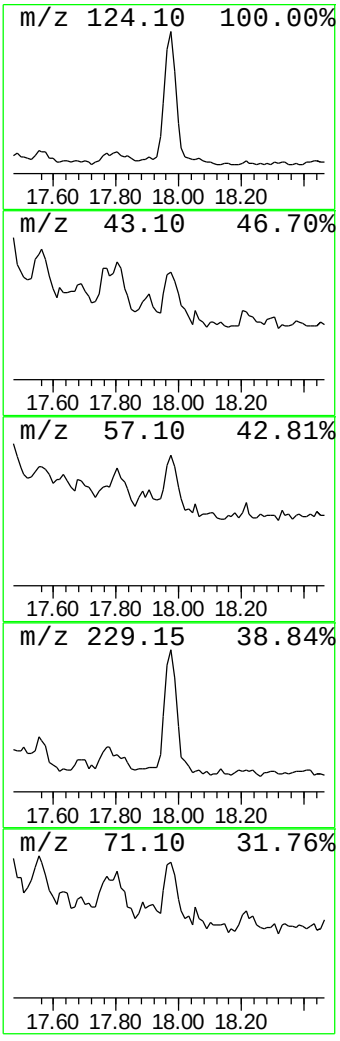
Peak Number 19 Stigmast-4-en-3-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.59 ng	259772	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	50
2	Pregn-4-ene-3,20-dione, (8.alpha...	314	C21H30O2	003795-19-5	49
3	Pregn-4-ene-3,20-dione, (10.alph...	314	C21H30O2	003562-13-8	46
4	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	46
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	45





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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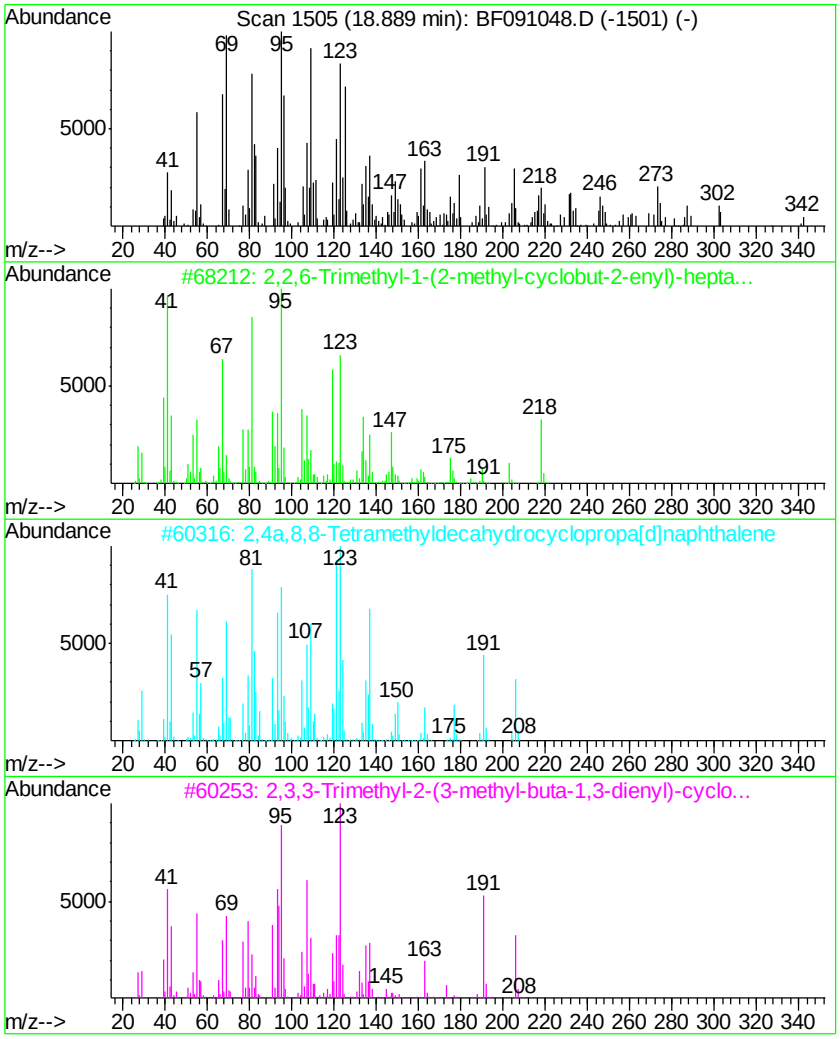
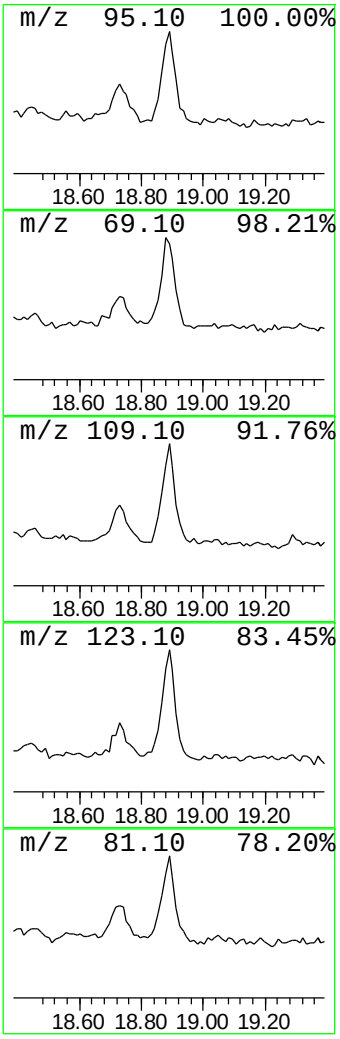
Peak Number 20 unknown18.89 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	11.30 ng	445523	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
4	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	30
5	5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091048.D
Acq On : 5 Nov 2016 3:58
Operator : UM/SJ
Sample : H5512-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC61-TOPSOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
2-Pentanone, 4-hy...	4.85	13.9	ng	711355	1	6.70	1021660	20.0
unknown6.48	6.48	71.9	ng	3671730	1	6.70	1021660	20.0
Phenol, 4,4'-(1-m...	12.69	5.3	ng	299225	5	13.86	1133750	20.0
Cyclohexadecane	13.71	5.8	ng	325807	5	13.86	1133750	20.0
Tritetracontane	14.34	5.4	ng	307833	5	13.86	1133750	20.0
3,4-Dihydro-2-bro...	14.39	4.4	ng	251935	5	13.86	1133750	20.0
Eicosane, 10-methyl-	14.95	16.9	ng	667138	6	15.24	788402	20.0
Heneicosane	15.68	19.7	ng	774853	6	15.24	788402	20.0
unknown16.25	16.25	4.9	ng	192268	6	15.24	788402	20.0
Octacosane	16.64	4.6	ng	182516	6	15.24	788402	20.0
Eudesma-4(14),11-...	16.84	8.0	ng	316265	6	15.24	788402	20.0
unknown17.09	17.09	33.4	ng	1314830	6	15.24	788402	20.0
3-Methoxy-6,7,8,9...	17.25	8.0	ng	315902	6	15.24	788402	20.0
Pyrene, hexadecah...	17.46	13.3	ng	525033	6	15.24	788402	20.0
6-Isopropenyl-4,8...	17.56	20.5	ng	806347	6	15.24	788402	20.0
.alpha.-Amyrin	17.80	27.1	ng	1069080	6	15.24	788402	20.0
Stigmast-4-en-3-one	17.97	6.6	ng	259772	6	15.24	788402	20.0
unknown18.89	18.89	11.3	ng	445523	6	15.24	788402	20.0