LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099495.D
Acq On : 14 Oct 2017 23:51
Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

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-BF092317.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	2.293	33	35	45	rVB	19668	35252	1.61%	0.151%
2	5.081	506	509	520	rBV	295416	365968	16.66%	1.563%
3	5.481	573	577	593	rBV	2138508	2026488	92.28%	8.653%
4	6.492	744	749	758	rBV	1822382	2064653	94.02%	8.816%
5	6.622	767	771	775	rBV	2122091	2055971	93.62%	8.779%
6	6.851	807	810	815	rVB	663945	537903	24.49%	2.297%
7	6.916	818	821	824	rBV	43144	38314	1.74%	0.164%
8	7.010	833	837	840	rBV	1821315	1649346	75.10%	7.042%
9	7.416	902	906	916	rBV	1268424	1260293	57.39%	5.381%
10	7.692	948	953	957	rVB4	16533	25118	1.14%	0.107%
11	7.969	997	1000	1004	rBV2	23368	24502	1.12%	0.105%
12	8.133	1024	1028	1032	rBV	871778	720612	32.81%	3.077%
13	8.351	1061	1065	1067	rBV3	29569	38608	1.76%	0.165%
14	8.504	1087	1091	1094	rBV2	28877	33713	1.54%	0.144%
15	8.639	1111	1114	1116	rBV	83089	59183	2.69%	0.253%
16	8.698	1120	1124	1125	rBV2	112671	121539	5.53%	0.519%
17	8.763	1133	1135	1137	rVB	49252	33207	1.51%	0.142%
18	8.798	1137	1141	1145	rBV3	69093	95675	4.36%	0.409%
19	8.851	1145	1150	1151	rBV4	30345	53275	2.43%	0.227%
20	8.939	1163	1165	1167	rVB	49952	39787	1.81%	0.170%
21	9.045	1179	1183	1184	rBV2	47788	70605	3.22%	0.301%
22	9.098	1189	1192	1195	rVV	110656	111153	5.06%	0.475%
23	9.127	1195	1197	1198	rBV	48588	36919	1.68%	0.158%
24	9.210	1206	1211	1216	rBV	2314680	2196056	100.00%	9.377%
25	9.269	1219	1221	1225	rVB	94912	79789	3.63%	0.341%
26	9.310	1226	1228	1232	rVV3	58184	71242	3.24%	0.304%
27	9.392	1239	1242	1245	rVB2	167215	211023	9.61%	0.901%
28	9.422	1245	1247	1248	rBV2	47255	34554	1.57%	0.148%
29	9.439	1248	1250	1252	rVV2	48750	39299	1.79%	0.168%
30	9.551	1266	1269	1271	rBV	53700	46974	2.14%	0.201%
31	9.598	1274	1277	1280	rBV	410270	379012	17.26%	1.618%
32	9.674	1288	1290	1294	rBV2	76318	94377	4.30%	0.403%
33	9.751	1300	1303	1305	rBV2	88296	88615	4.04%	0.378%
34	9.798	1309	1311	1315	rBV4	74865	78172	3.56%	0.334%

LSC Area Percent Report

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Sample : I5833-01
Misc :
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Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.839	1316	1318	1321	rBV	88864	84020	3.83%	0.359%
36	9.886	1323	1326	1330	rVV	720244	729898	33.24%	3.117%
37	10.604	1445	1448	1449	rBV	168003	154345	7.03%	0.659%
38	10.680	1458	1461	1467	rBV	844073	906423	41.28%	3.870%
39	10.933	1502	1504	1507	rBV	258549	202239	9.21%	0.864%
40	11.021	1517	1519	1522	rVB	200030	149238	6.80%	0.637%
41	11.133	1536	1538	1542	rBV3	133279	157707	7.18%	0.673%
42	11.310	1566	1568	1573	rVB	290300	295902	13.47%	1.263%
43	11.374	1575	1579	1582	rBV2	779484	949791	43.25%	4.055%
44	11.404	1582	1584	1589	rVV	356701	316338	14.40%	1.351%
45	11.463	1592	1594	1598	rVB	252369	215788	9.83%	0.921%
46	11.580	1611	1614	1621	rBV	334261	319515	14.55%	1.364%
47	11.751	1640	1643	1646	rBV	760925	666779	30.36%	2.847%
48	11.780	1646	1648	1652	rVV3	162023	202821	9.24%	0.866%
49	12.174	1712	1715	1720	rBV2	313840	421590	19.20%	1.800%
50	12.962	1846	1849	1852	rVB	1097296	981467	44.69%	4.191%
51	16.186	2393	2397	2404	rVB	387622	736134	33.52%	3.143%
52	16.621	2466	2471	2481	rVB	585548	1113191	50.69%	4.753%

Sum of corrected areas: 23420383

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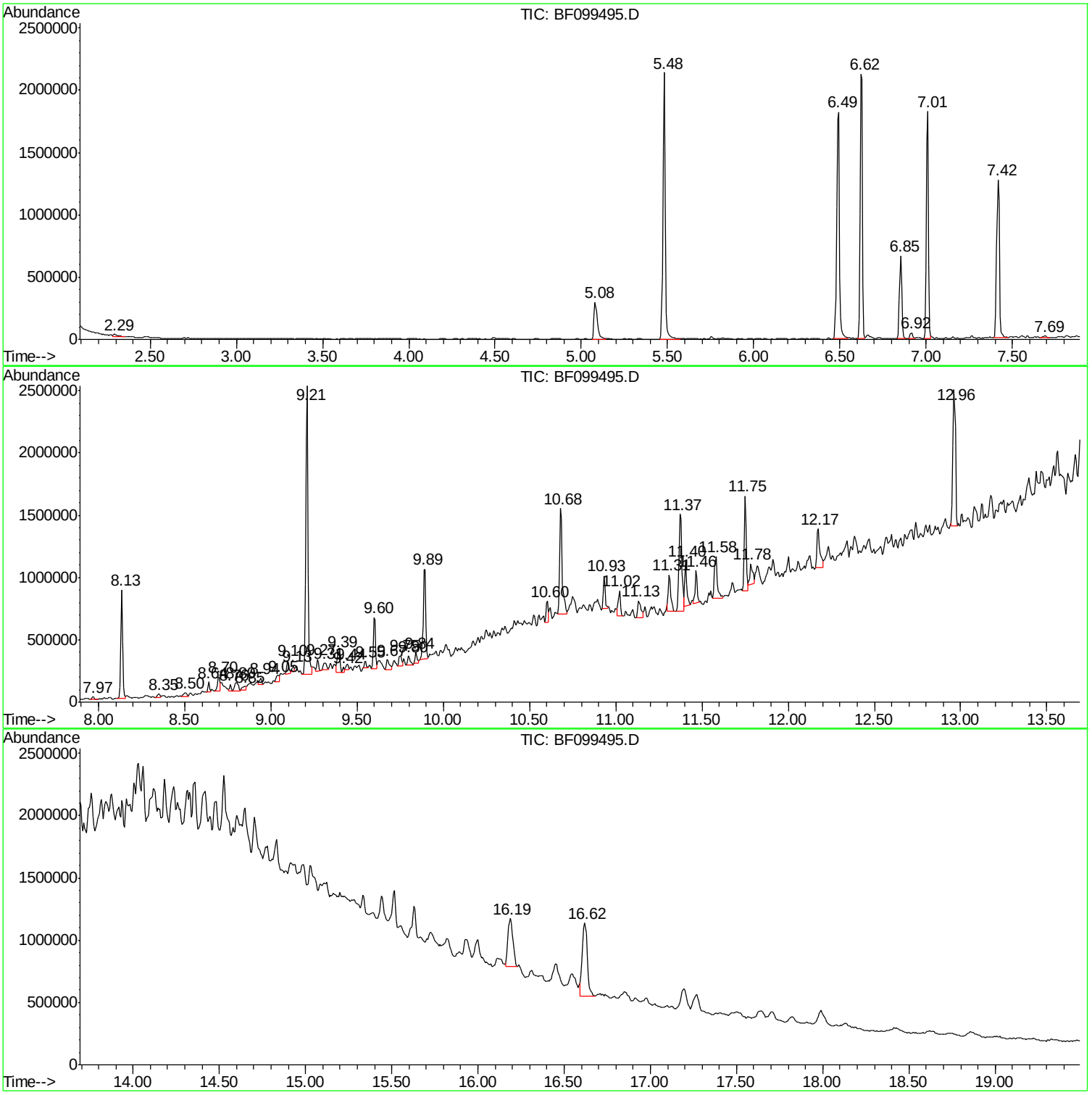
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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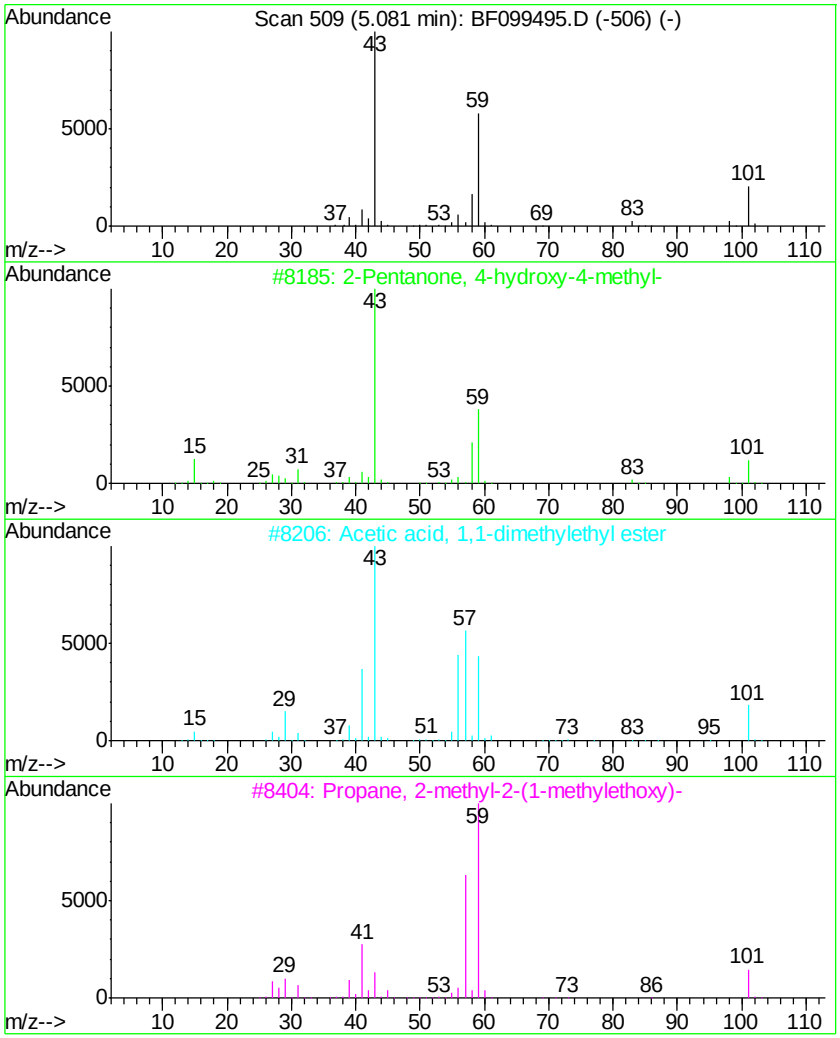
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

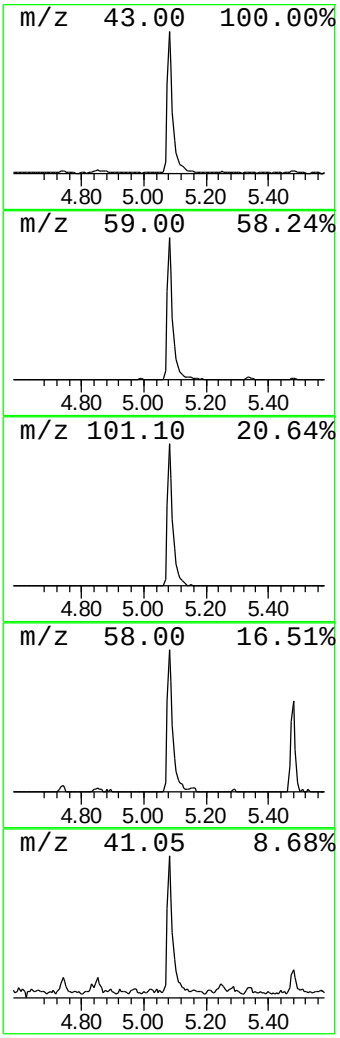
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	13.61 ng	365968	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

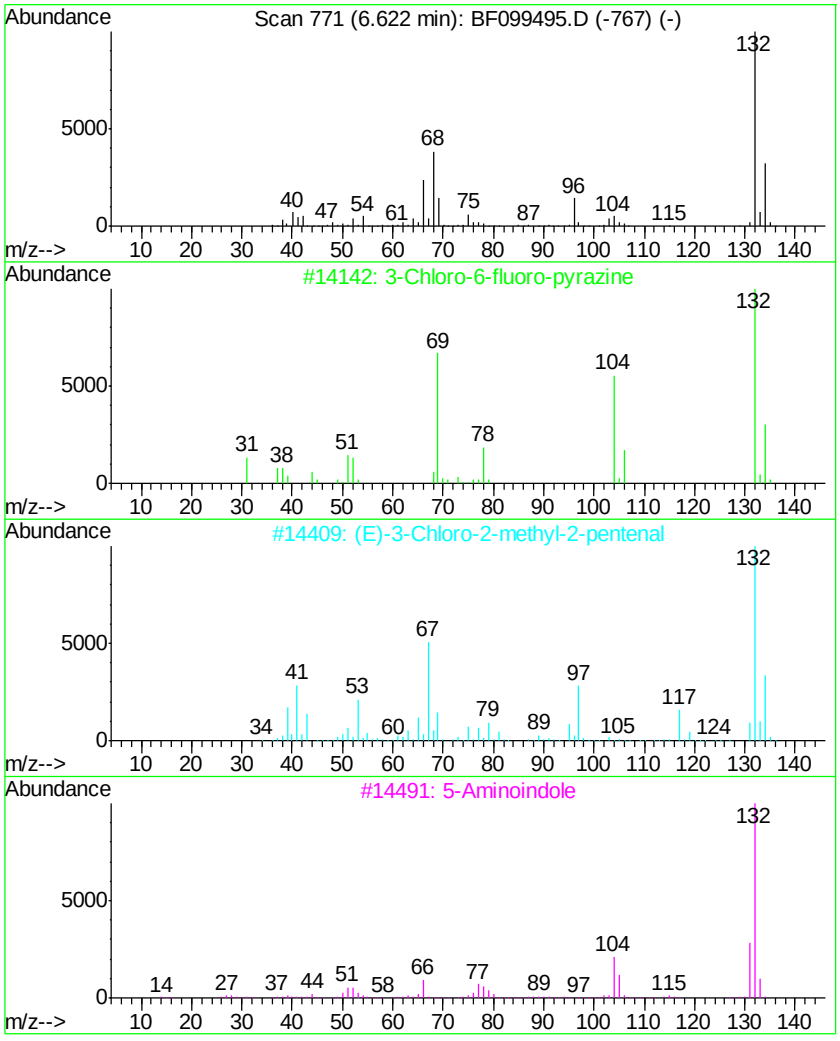
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

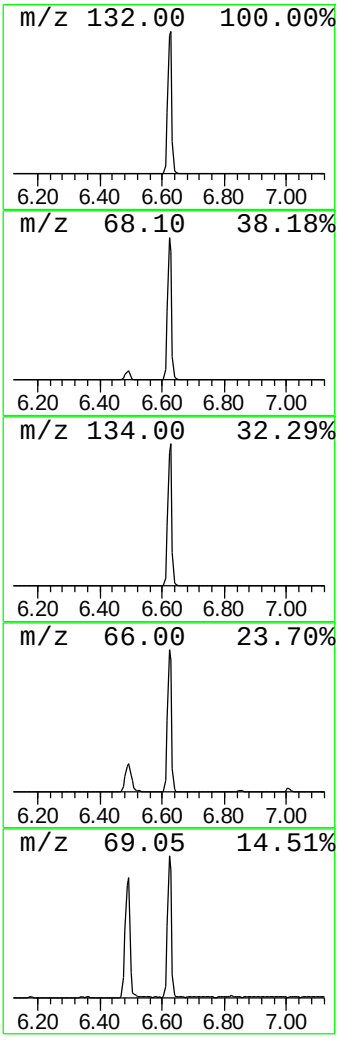
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	76.44 ng	2055970	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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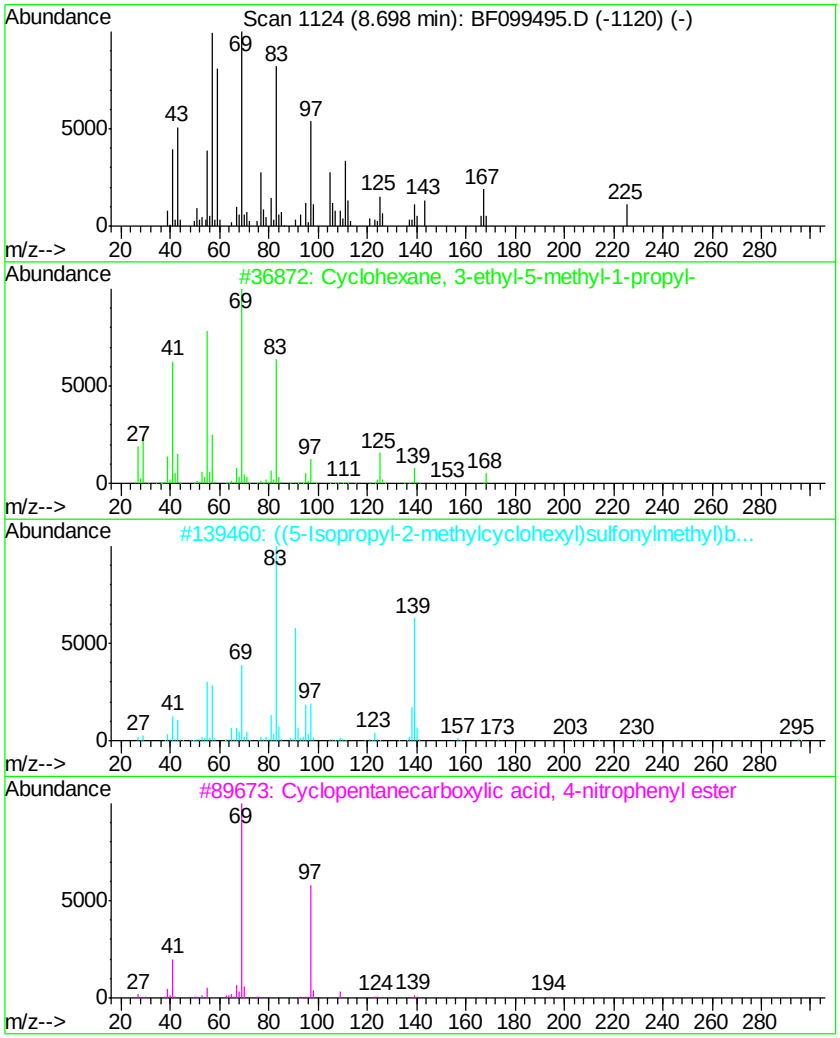
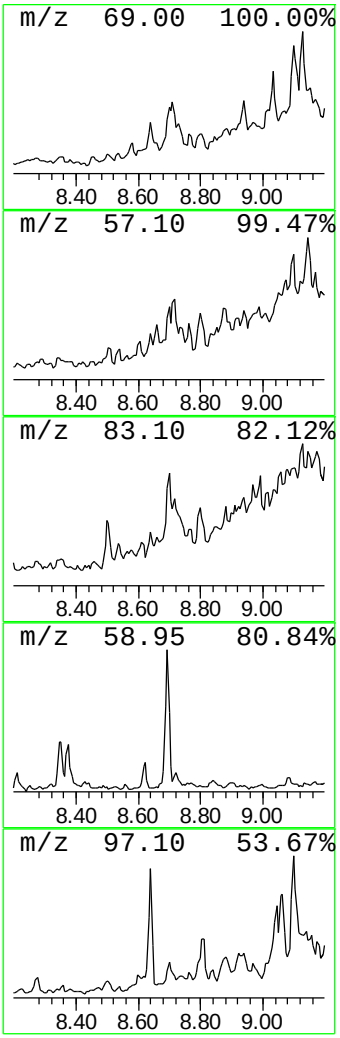
Peak Number 4 unknown8.70 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.37 ng	121539	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	46
2	((5-Isopropyl-2-methylcyclohexyl...	294	C17H26O2S	093542-25-7	35
3	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	22
4	Cyclohexane carboxylic acid hydr...	142	C7H14N2O	038941-47-8	14
5	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	14





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Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

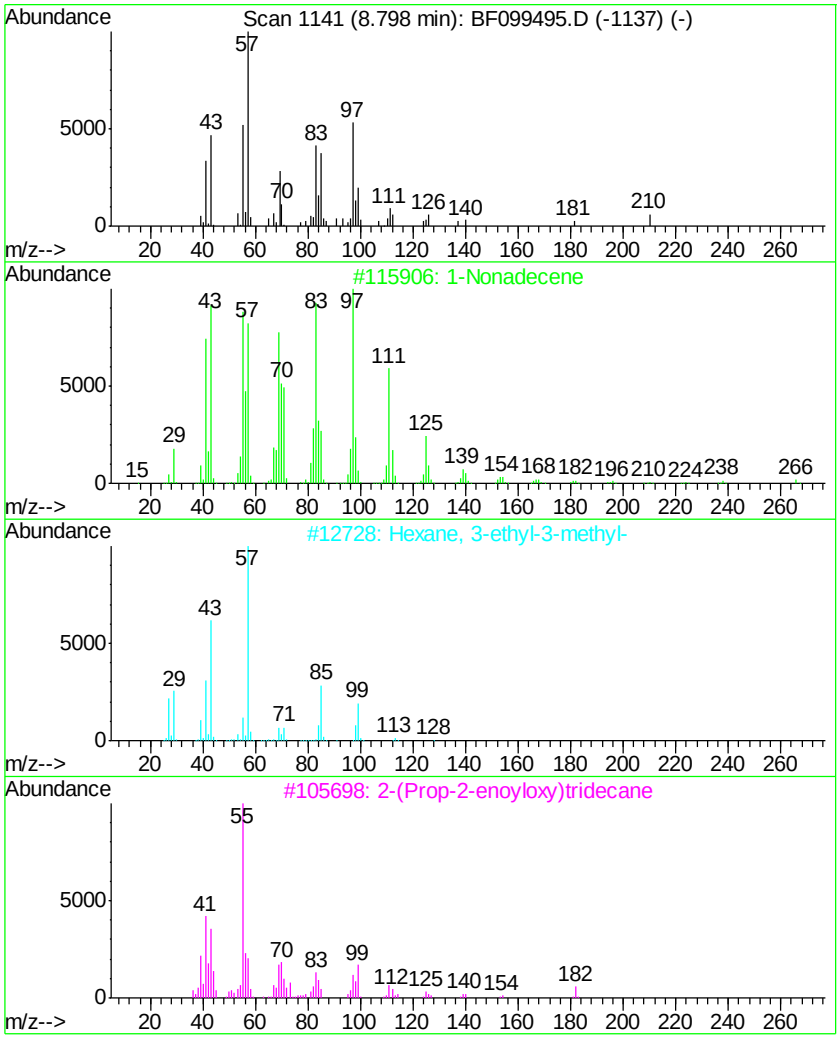
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

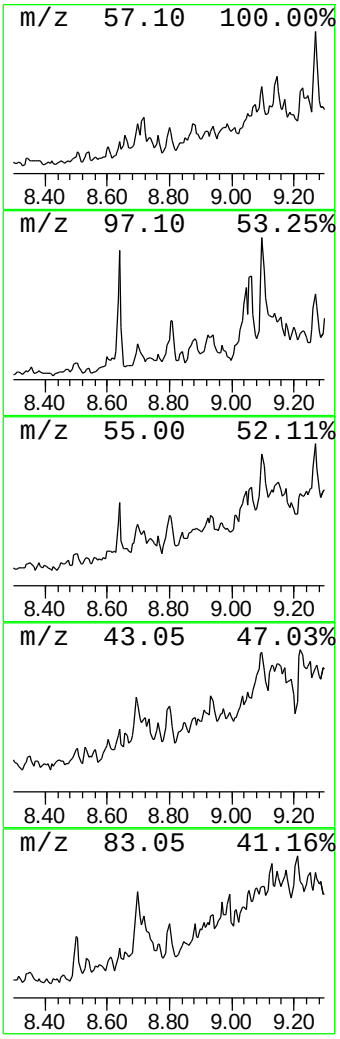
****

Peak Number 5 1-Nonadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.66 ng	95675	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	50
2	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	35
3	2-(Prop-2-enoyloxy)tridecane	254	C16H30O2	1000245-66-7	27
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	27
5	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	25





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Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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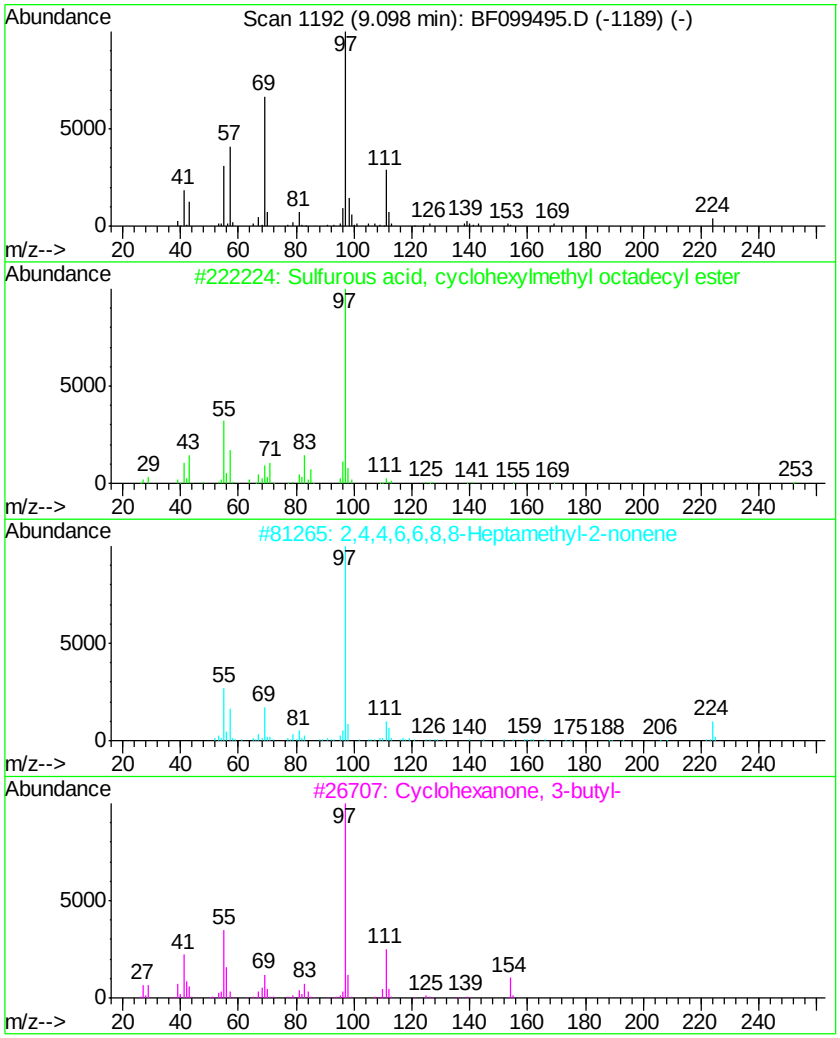
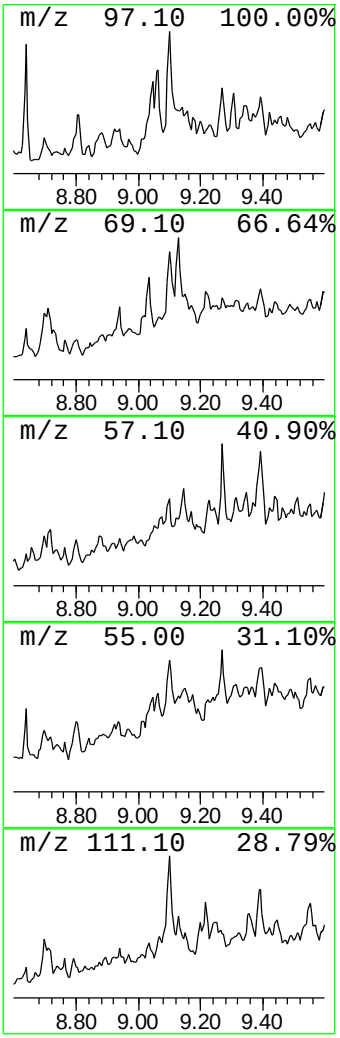
Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	3.05 ng	111153	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	59
2	2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	50
3	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	50
4	2-Thiopheneacetic acid, cyclopen...	210	C11H14O2S	1000278-95-8	50
5	Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	46





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ClientSampleId : WC-101117-SOIL

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

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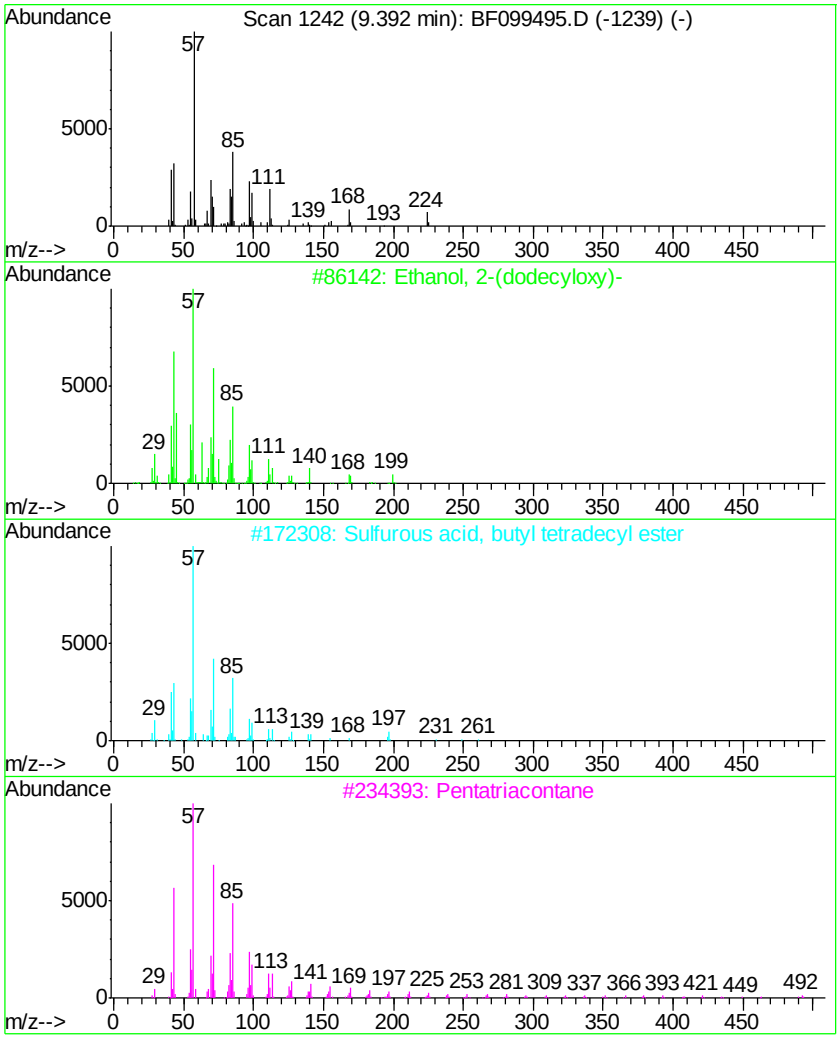
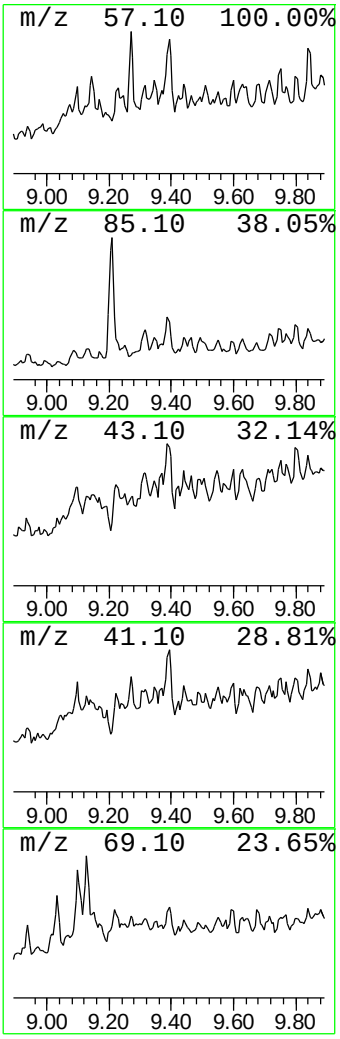
Peak Number 7 Ethanol, 2-(dodecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	5.78 ng	211023	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	78
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	59
3	Pentatriacontane	493	C35H72	000630-07-9	56
4	Hentriacontane	437	C31H64	000630-04-6	45
5	Hexadecane	226	C16H34	000544-76-3	42





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Misc :
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Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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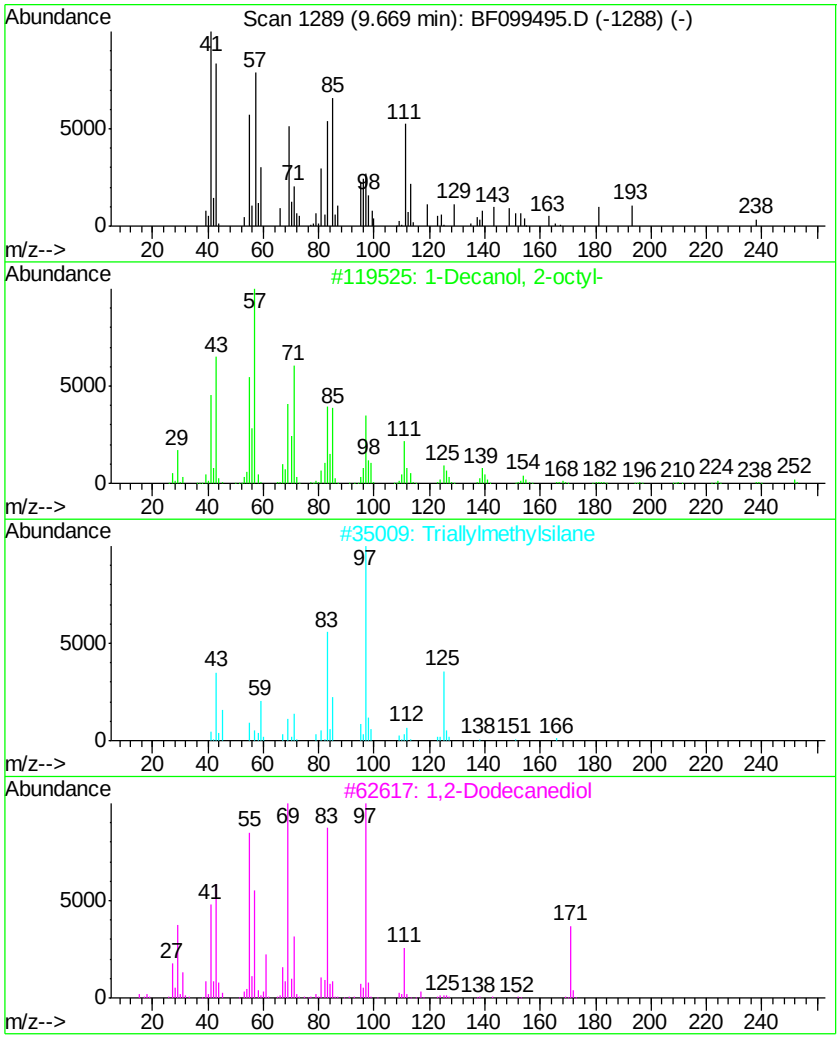
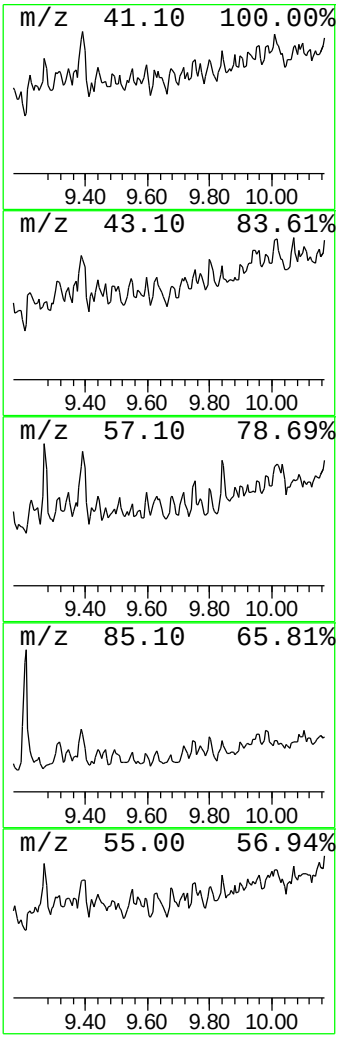
Peak Number 8 1-Decanol, 2-octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.59 ng	94377	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	50
2	Triallylmethylsilane	166	C10H18Si	001112-91-0	47
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	38
4	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	14
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	14





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Data File : BF099495.D
Acq On : 14 Oct 2017 23:51
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Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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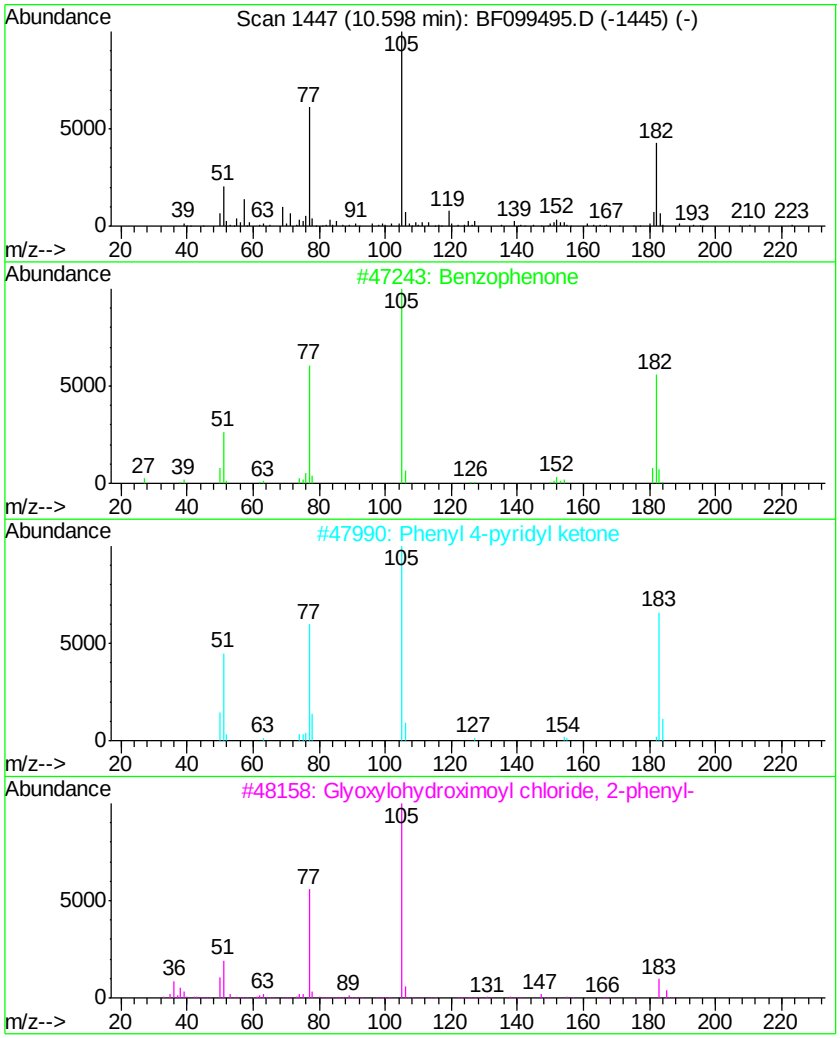
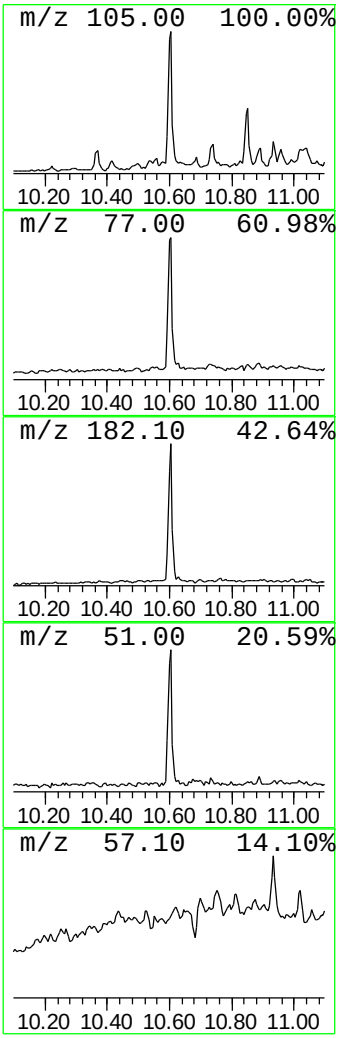
Peak Number 9 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.23 ng	154345	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	47
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43





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Data File : BF099495.D
Acq On : 14 Oct 2017 23:51
Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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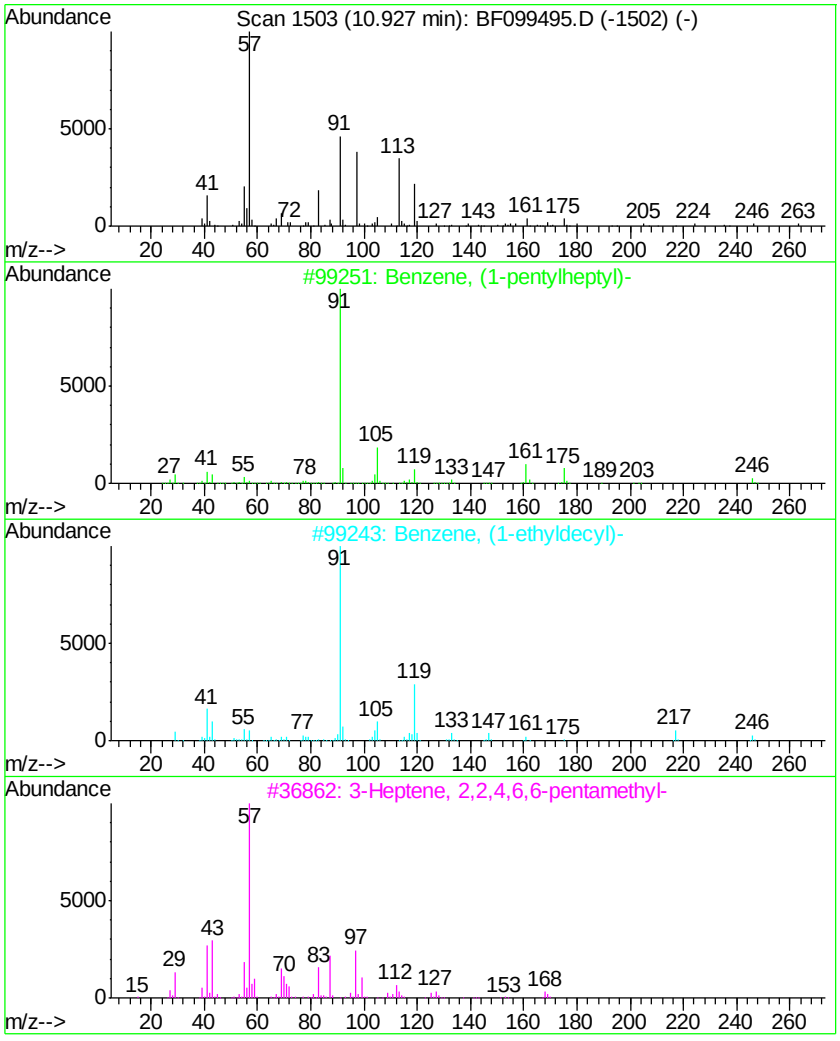
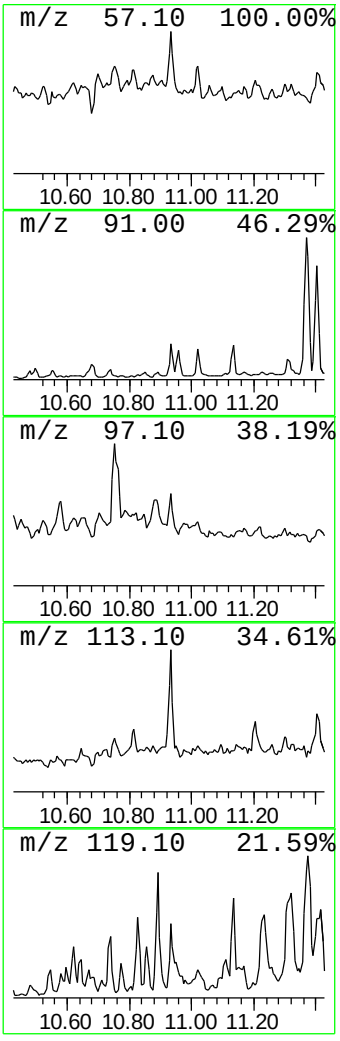
Peak Number 10 unknown10.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.26 ng	202239	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	25
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	25
3	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	23
4	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	14
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	14





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Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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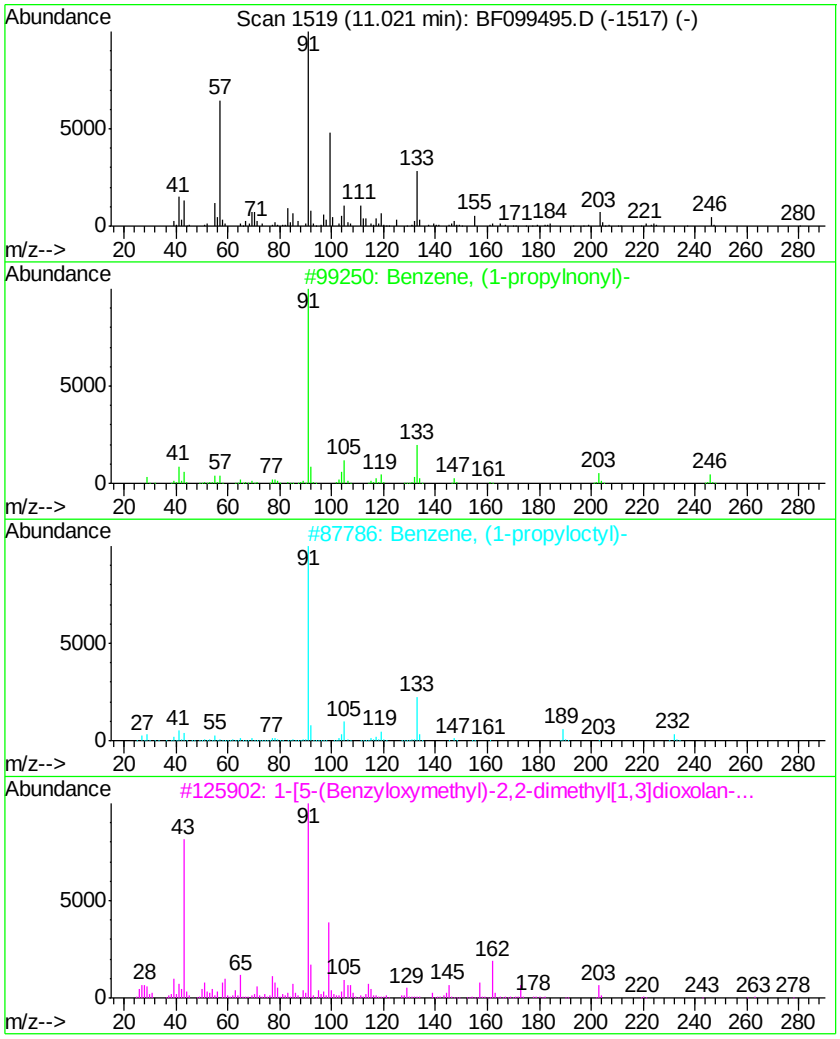
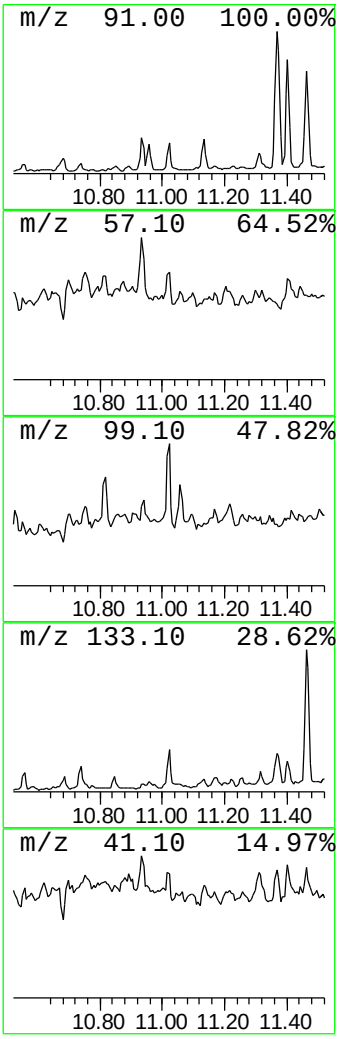
Peak Number 11 Benzene, (1-propylnonyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.14 ng	149238	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	80
2	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	27
3	1-[5-(Benzyloxymethyl)-2,2-dimet...	278	C16H22O4	091526-99-7	25
4	Glutaric acid, di(4,4-dimethylpe...	328	C19H36O4	1000377-61-2	23
5	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	22





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Acq On : 14 Oct 2017 23:51
Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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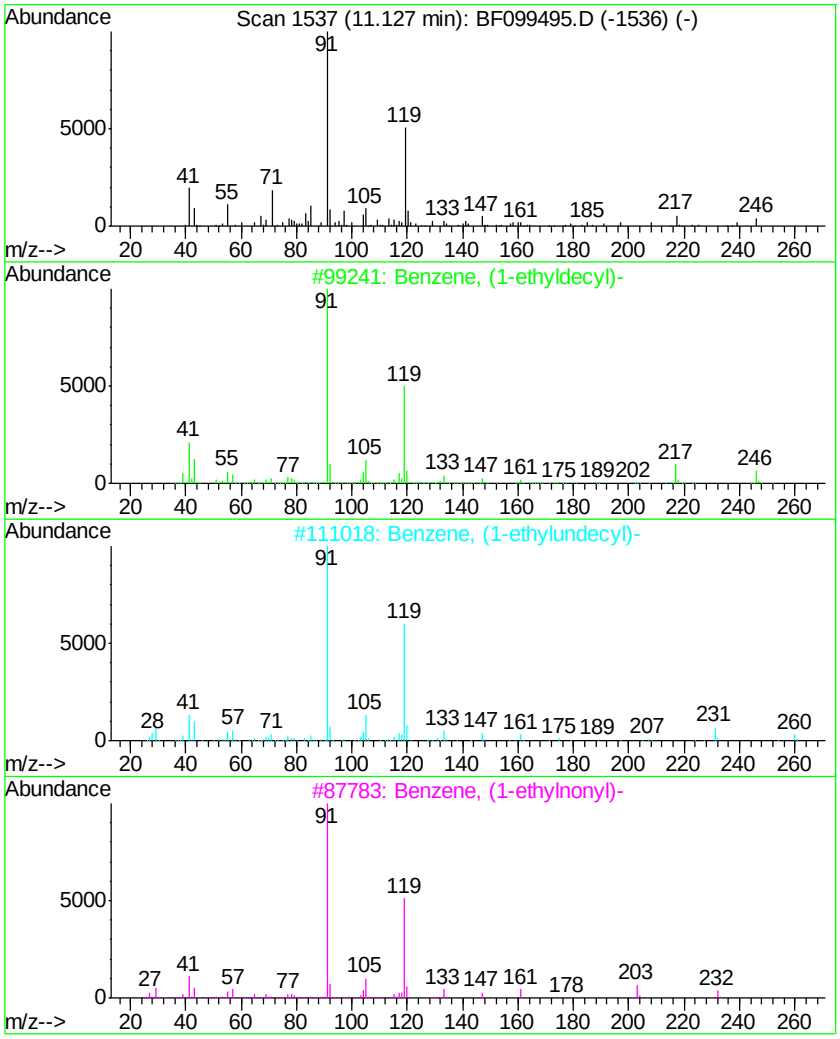
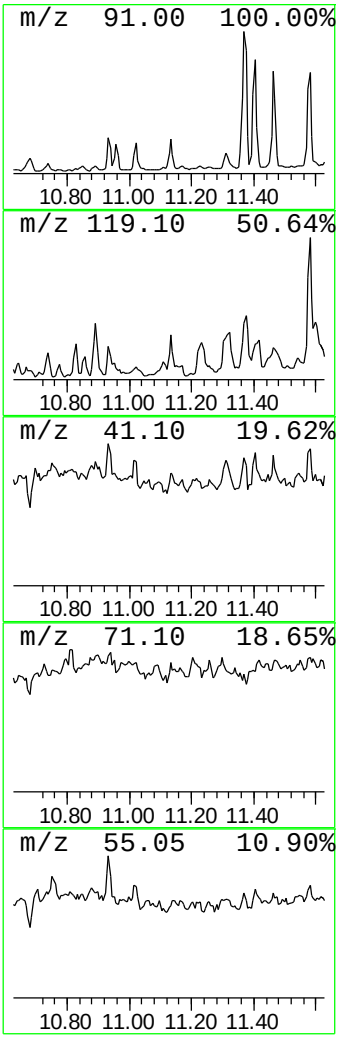
Peak Number 12 Benzene, (1-ethyldecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.32 ng	157707	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	90
2	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	58
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	53
4	2-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-3	52
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50





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Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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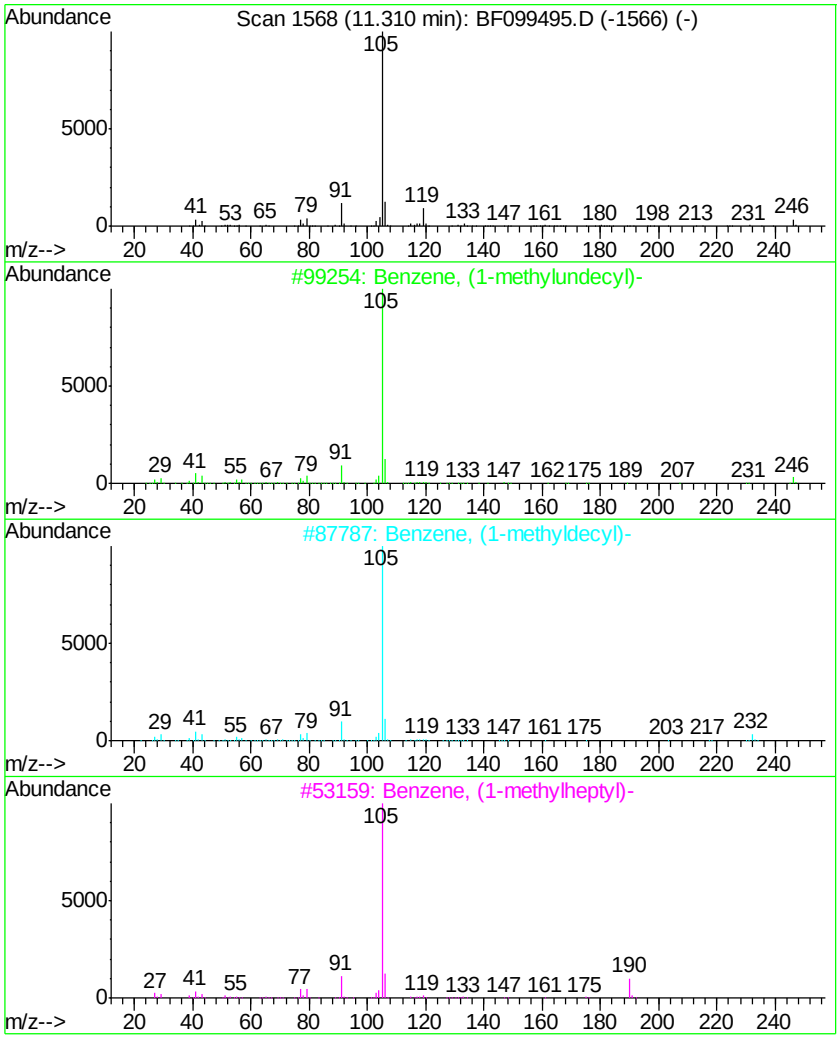
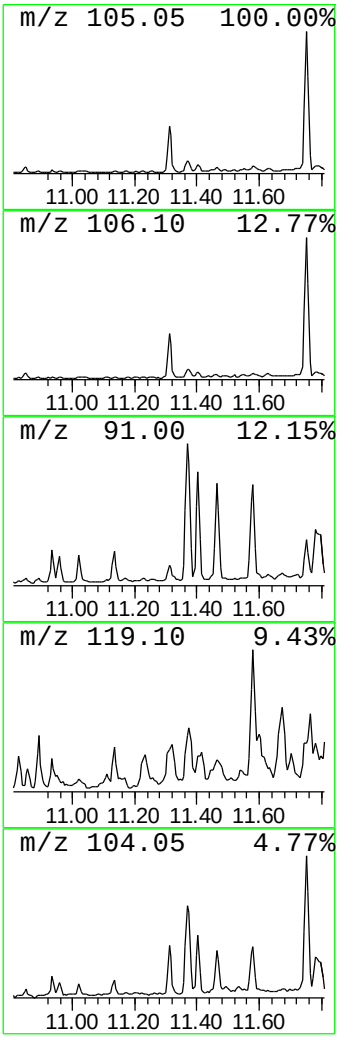
Peak Number 13 Benzene, (1-methylundecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	6.23 ng	295902	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	68
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	50
3	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	50
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	50
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	50





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Acq On : 14 Oct 2017 23:51
Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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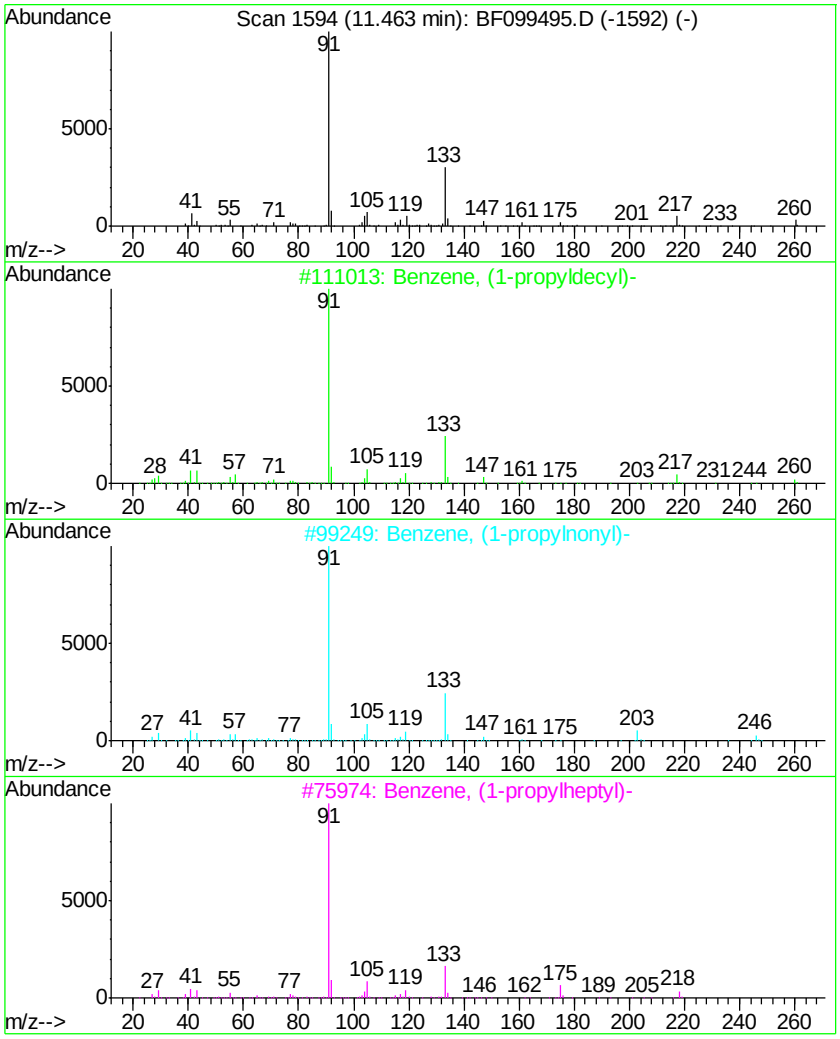
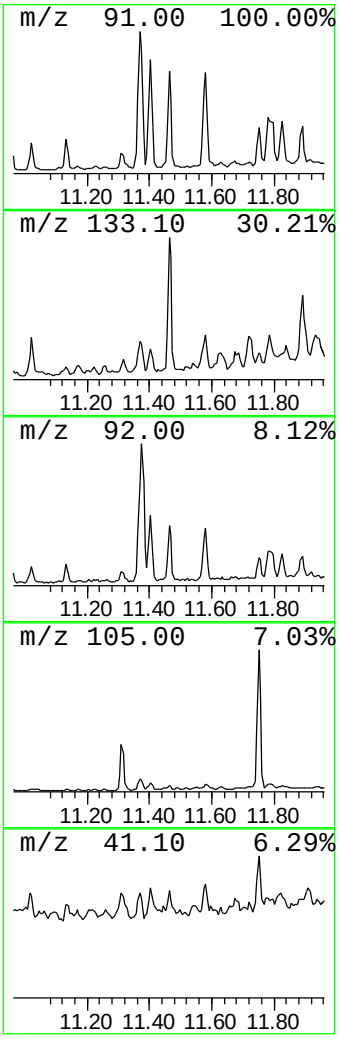
Peak Number 14 Benzene, (1-propyldecyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.54 ng	215788	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	95
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	64
3	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	50
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	50
5	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	50





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Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

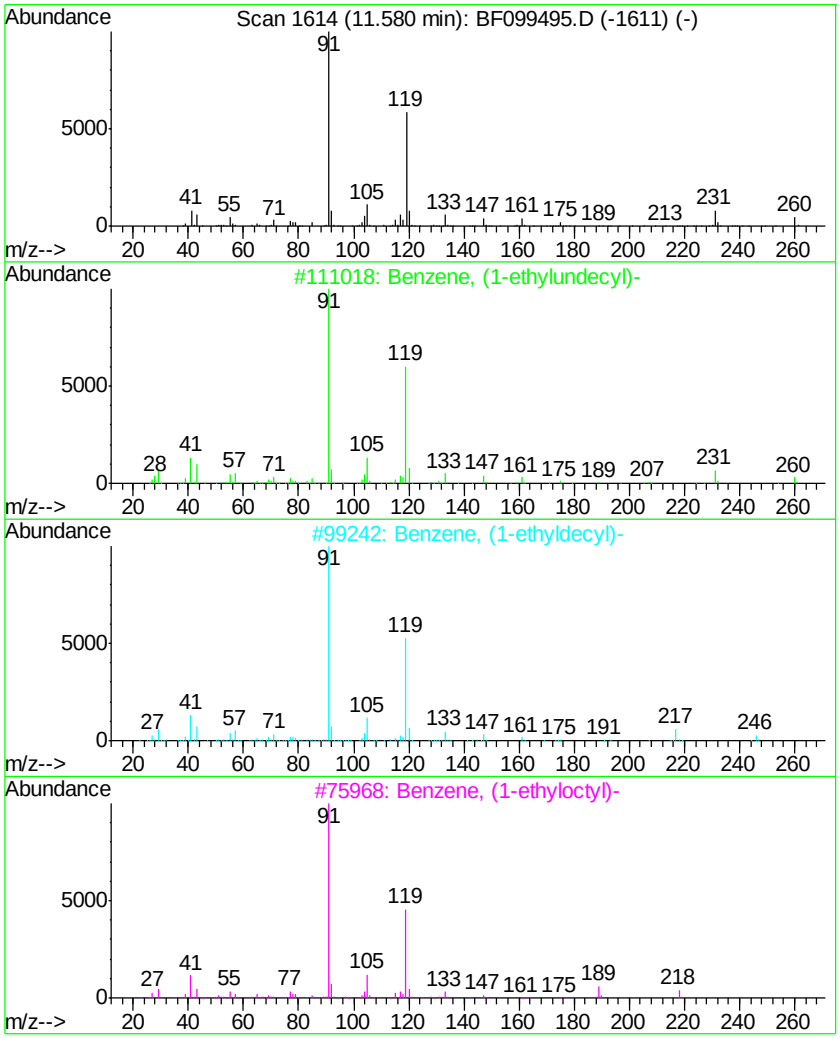
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

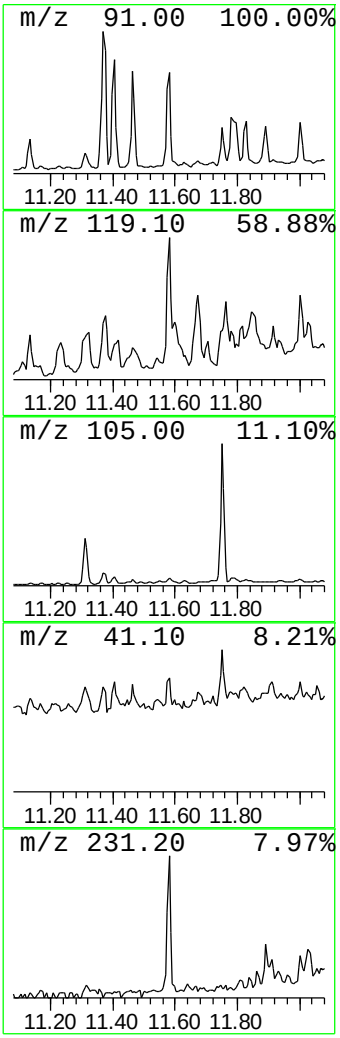
****

Peak Number 15 Benzene, (1-ethylundecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	6.73 ng	319515	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	91
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	80
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	72
4	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	72
5	2-Phenylbutyryl chloride	182	C10H11ClO	036854-57-6	45





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Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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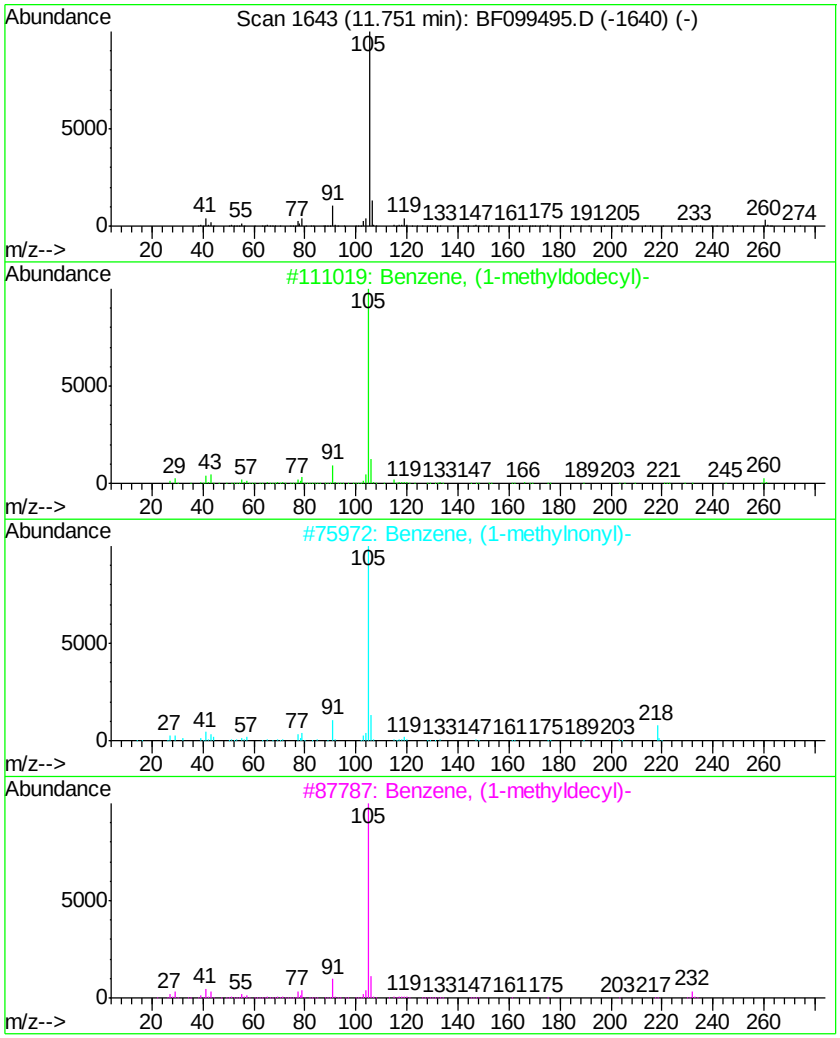
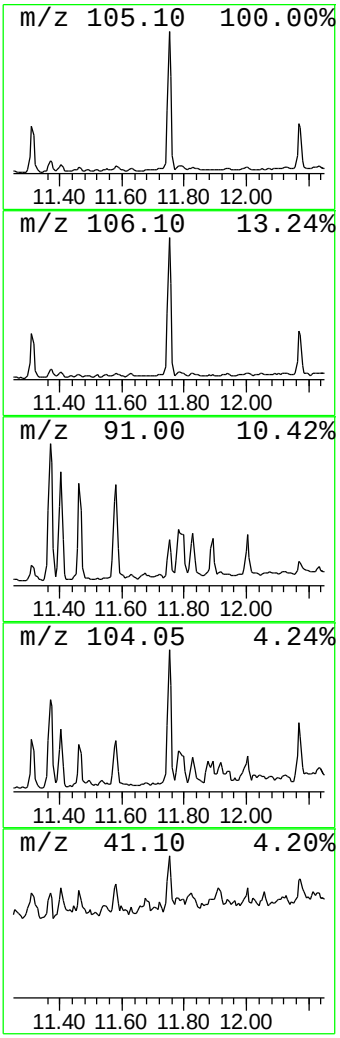
Peak Number 16 Benzene, (1-methyldodecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.04 ng	666779	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	83
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	42





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Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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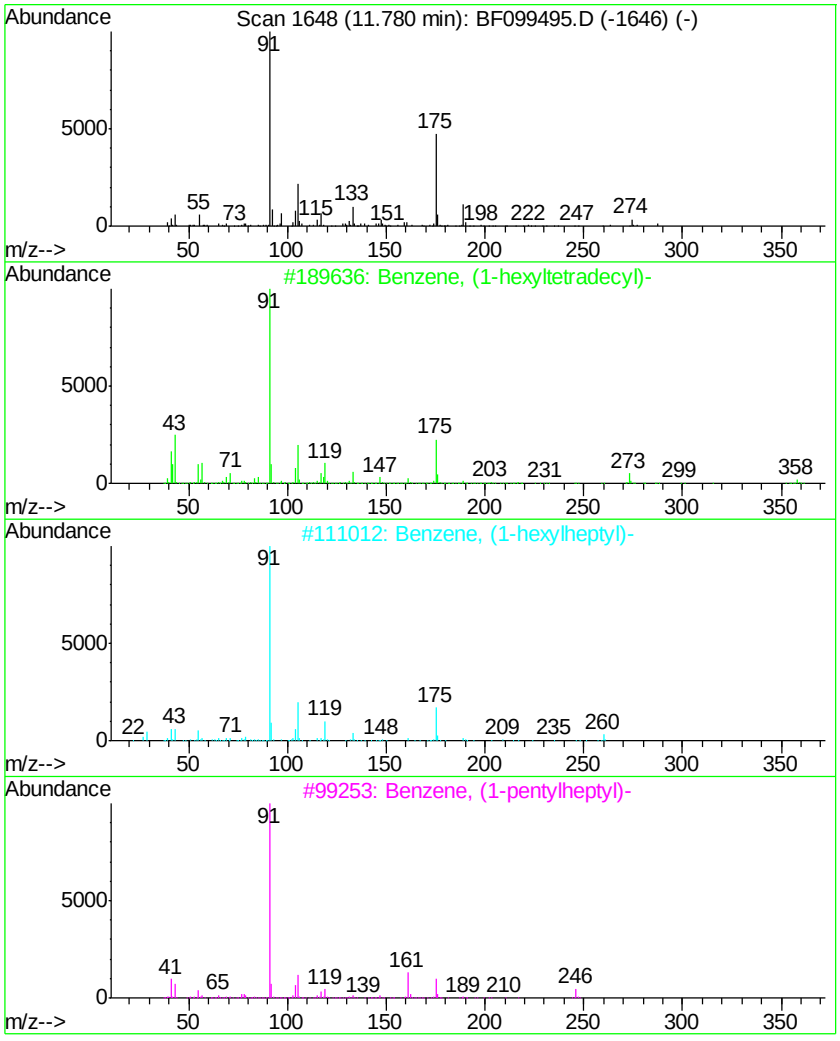
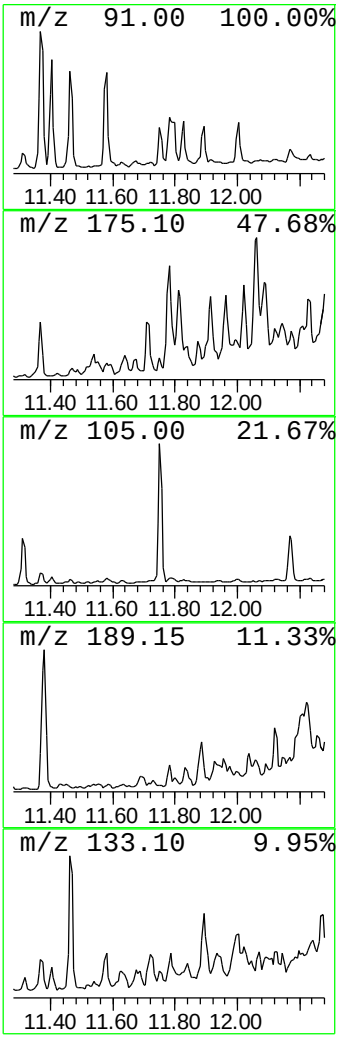
Peak Number 17 Benzene, (1-hexyltetradecyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.27 ng	202821	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-hexyltetradecyl)-	358	C26H46	002398-64-3	53
2	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	50
3	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	43
4	1H-Tetrazol-5-amine, 1-(phenylme...	175	C8H9N5	031694-90-3	37
5	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	22





Library Search Compound Report

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Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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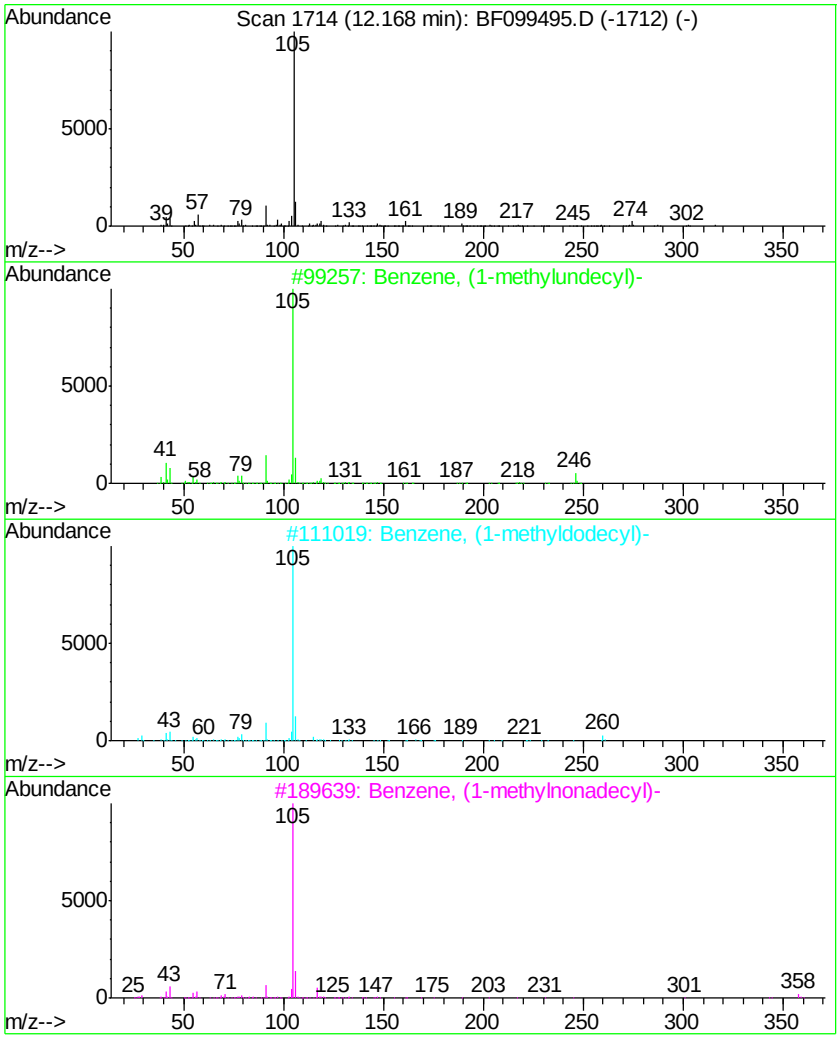
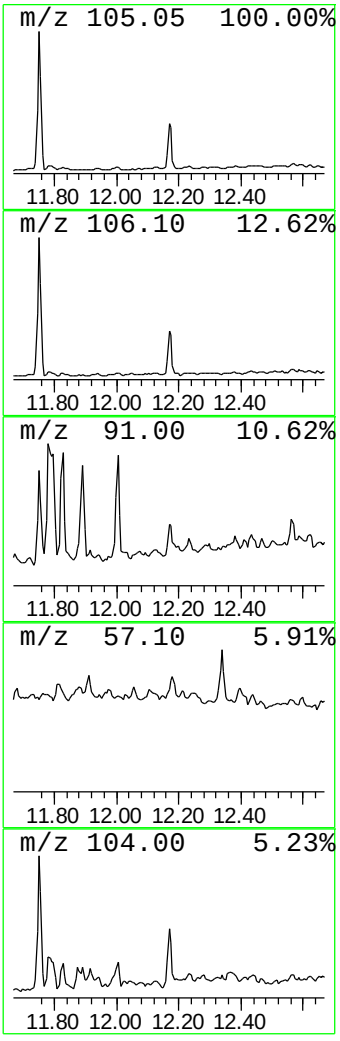
Peak Number 18 unknown12.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.88 ng	421590	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	43
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	38
3	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	38
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	37
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	37





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Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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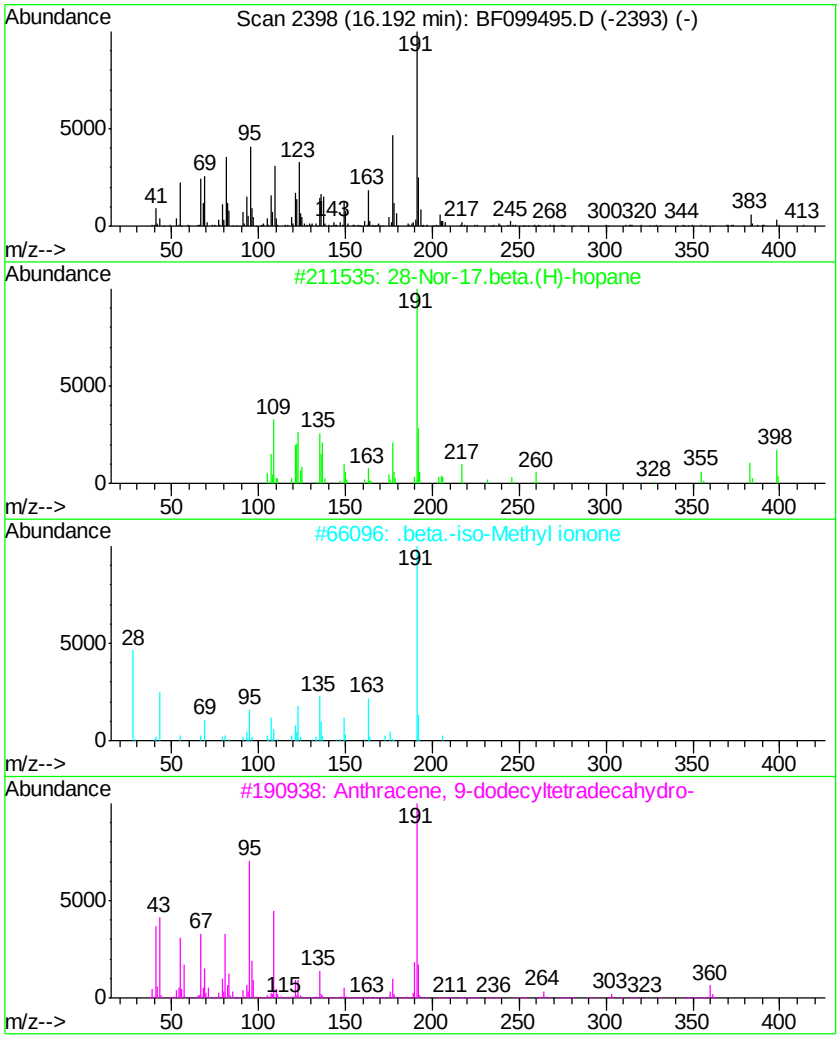
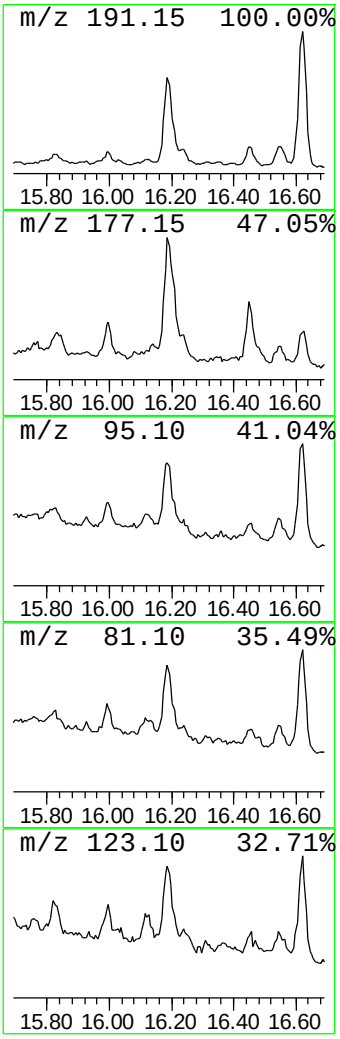
Peak Number 19 unknown16.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	20.00 ng	736134	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	46
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37





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ClientSampleId : WC-101117-SOIL

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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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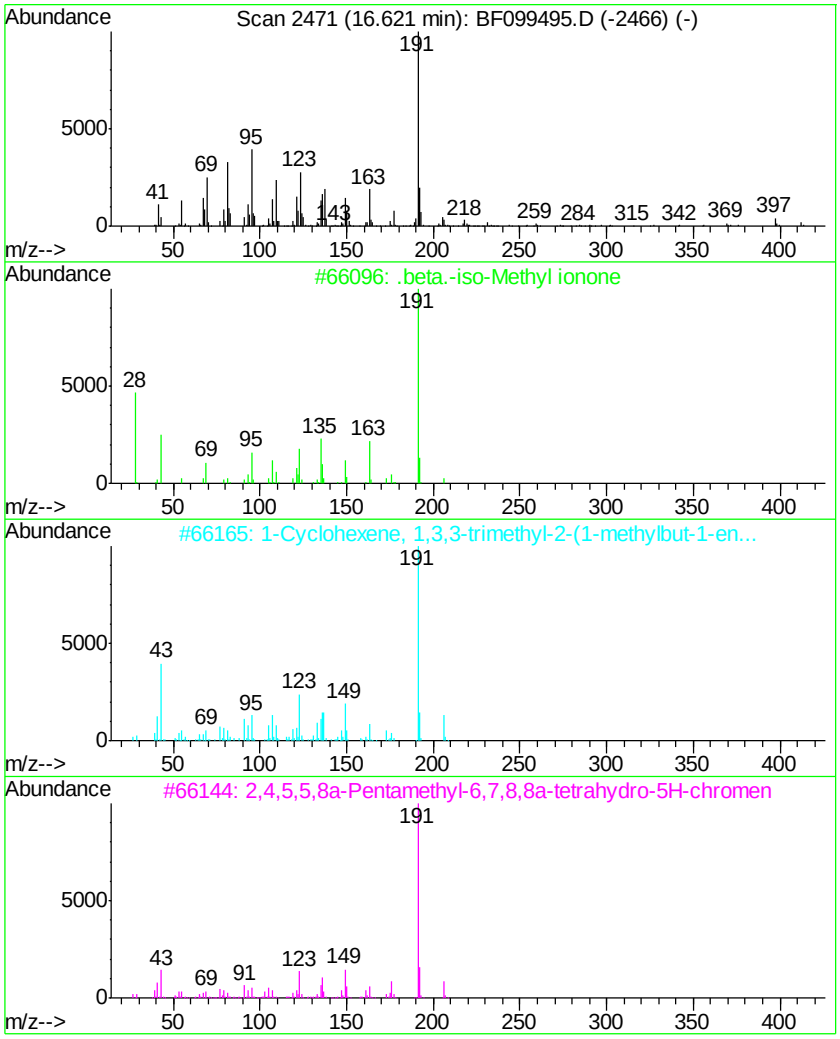
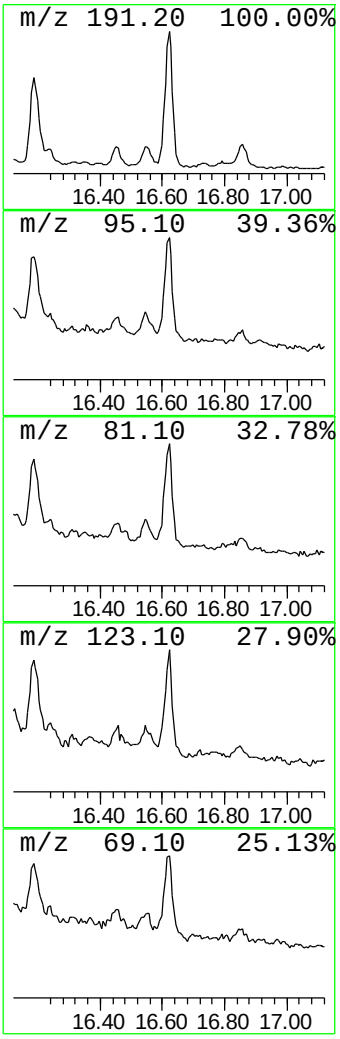
Peak Number 20 unknown16.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	30.24 ng	1113190	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	40
4	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	35
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099495.D
Acq On : 14 Oct 2017 23:51
Operator : SJ/JU
Sample : I5833-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-101117-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	13.6	ng	365968	1	6.85	537903	20.0
unknown6.62	6.62	76.4	ng	2055970	1	6.85	537903	20.0
unknown8.70	8.70	3.4	ng	121539	2	8.13	720612	20.0
1-Nonadecene	8.80	2.7	ng	95675	2	8.13	720612	20.0
Sulfurous acid, c...	9.10	3.0	ng	111153	3	9.89	729898	20.0
Ethanol, 2-(dodec...	9.39	5.8	ng	211023	3	9.89	729898	20.0
1-Decanol, 2-octyl-	9.67	2.6	ng	94377	3	9.89	729898	20.0
Benzophenone	10.60	4.2	ng	154345	3	9.89	729898	20.0
unknown10.93	10.93	4.3	ng	202239	4	11.38	949791	20.0
Benzene, (1-propy...	11.02	3.1	ng	149238	4	11.38	949791	20.0
Benzene, (1-ethyl...	11.13	3.3	ng	157707	4	11.38	949791	20.0
Benzene, (1-methy...	11.31	6.2	ng	295902	4	11.38	949791	20.0
Benzene, (1-propy...	11.46	4.5	ng	215788	4	11.38	949791	20.0
Benzene, (1-ethyl...	11.58	6.7	ng	319515	4	11.38	949791	20.0
Benzene, (1-methy...	11.75	14.0	ng	666779	4	11.38	949791	20.0
Benzene, (1-hexyl...	11.78	4.3	ng	202821	4	11.38	949791	20.0
unknown12.17	12.17	8.9	ng	421590	4	11.38	949791	20.0
unknown16.19	16.19	20.0	ng	736134	6	15.52	736134	20.0
unknown16.62	16.62	30.2	ng	1113190	6	15.52	736134	20.0