LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109241.D
Acq On : 23 Sep 2018 00:10
Operator : JU/SJ
Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	4.893	474	477	489	rVB	53275	65543	3.57%	0.319%
2	5.316	544	549	552	rBV	1669321	1638914	89.27%	7.970%
3	6.340	719	723	734	rVB	1716933	1835879	100.00%	8.928%
4	6.475	742	746	749	rBV	2085587	1743630	94.98%	8.479%
5	6.540	755	757	765	rVB3	20493	24251	1.32%	0.118%
6	6.704	782	785	789	rBV	863452	716743	39.04%	3.486%
7	6.863	808	812	815	rBV	1562629	1228613	66.92%	5.975%
8	7.263	876	880	883	rBV	1175643	1075989	58.61%	5.233%
9	7.987	999	1003	1006	rBV	1152236	916197	49.91%	4.456%
10	9.063	1182	1186	1189	rBV	2060379	1624973	88.51%	7.902%
11	9.157	1196	1202	1204	rBV4	32851	56856	3.10%	0.276%
12	9.186	1205	1207	1210	rVV	24555	25360	1.38%	0.123%
13	9.375	1236	1239	1242	rBV3	33227	42730	2.33%	0.208%
14	9.457	1250	1253	1255	rBV	812750	587613	32.01%	2.858%
15	9.481	1255	1257	1259	rVB2	67775	55518	3.02%	0.270%
16	9.622	1276	1281	1283	rBV7	51998	89746	4.89%	0.436%
17	9.657	1284	1287	1290	rVB3	97094	93788	5.11%	0.456%
18	9.686	1290	1292	1296	rBV4	47311	68507	3.73%	0.333%
19	9.739	1296	1301	1306	rBV	1145583	1112947	60.62%	5.412%
20	10.010	1344	1347	1349	rBV3	113170	105171	5.73%	0.511%
21	10.151	1369	1371	1373	rBV	77812	65106	3.55%	0.317%
22	10.404	1411	1414	1417	rBV	302809	311465	16.97%	1.515%
23	10.522	1431	1434	1437	rBV	1107482	945575	51.51%	4.598%
24	10.675	1456	1460	1466	rVB	652148	672798	36.65%	3.272%
25	11.133	1535	1538	1545	rVB	748431	868538	47.31%	4.224%
26	11.216	1549	1552	1555	rVB	870782	674413	36.74%	3.280%
27	11.486	1595	1598	1601	rBV	195269	177136	9.65%	0.861%
28	12.422	1755	1757	1761	rBV2	147998	147734	8.05%	0.718%
29	12.798	1817	1821	1830	rVB	1195081	1231855	67.10%	5.991%
30	13.074	1865	1868	1879	rVB2	115099	243662	13.27%	1.185%
31	13.839	1994	1998	2001	rBV	829306	779310	42.45%	3.790%
32	13.951	2014	2017	2020	rVB	66935	58513	3.19%	0.285%
33	14.233	2062	2065	2073	rVB3	73219	78275	4.26%	0.381%
34	14.333	2078	2082	2085	rBV2	127273	154490	8.42%	0.751%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109241.D
Acq On : 23 Sep 2018 00:10
Operator : JU/SJ
Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.433	2095	2099	2100	rBV2	89338	104517	5.69%	0.508%
36	14.451	2100	2102	2105	rVB	81965	71926	3.92%	0.350%
37	14.551	2116	2119	2124	rVB2	110095	149069	8.12%	0.725%
38	14.621	2129	2131	2134	rVB	30744	25670	1.40%	0.125%
39	14.692	2140	2143	2146	rVB	86263	89663	4.88%	0.436%
40	14.933	2182	2184	2191	rVB2	43584	50559	2.75%	0.246%
41	15.239	2231	2236	2240	rVB	466397	508746	27.71%	2.474%
42	15.686	2309	2312	2316	rBV4	37166	45140	2.46%	0.220%

Sum of corrected areas: 20563128

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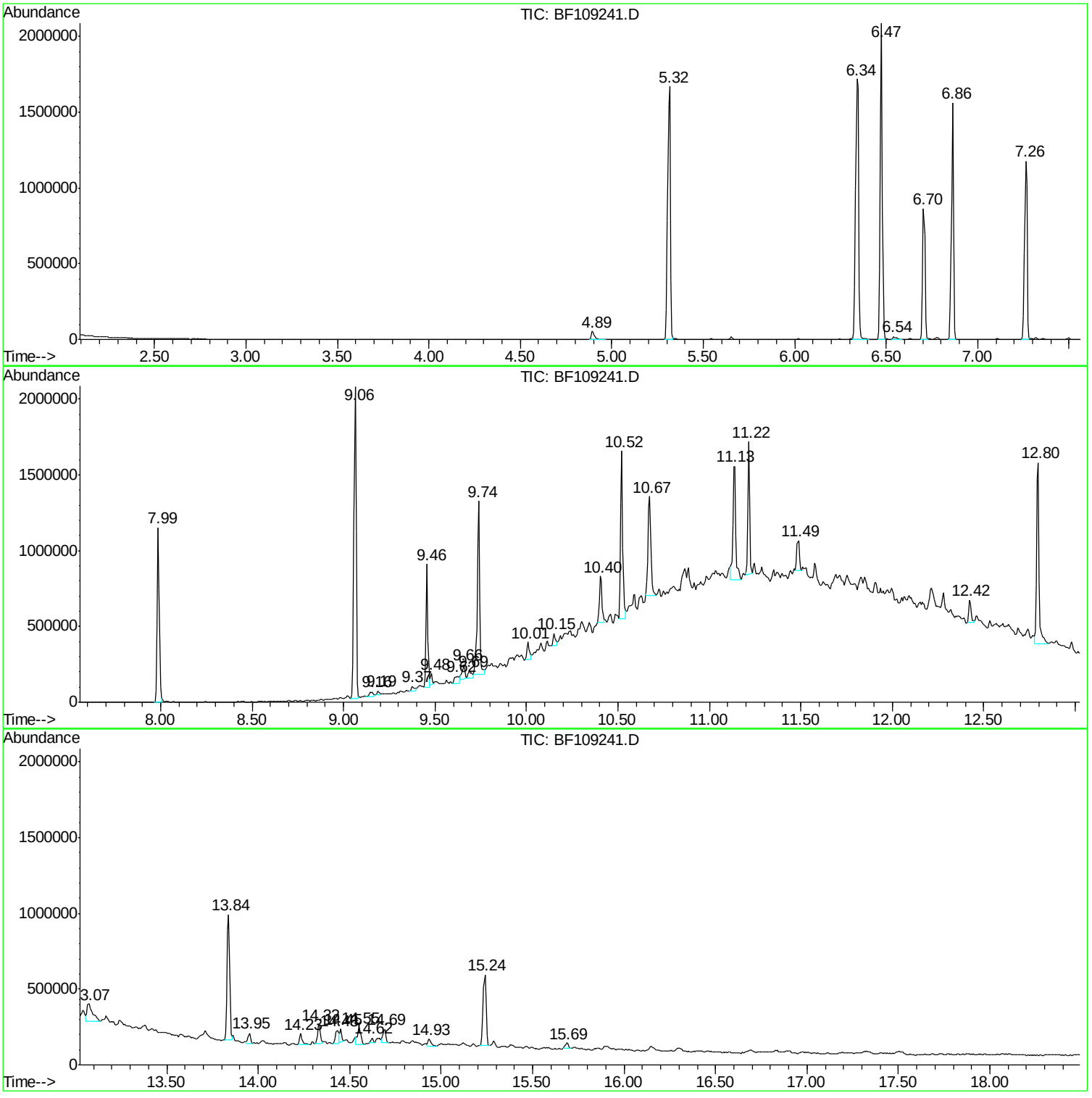
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

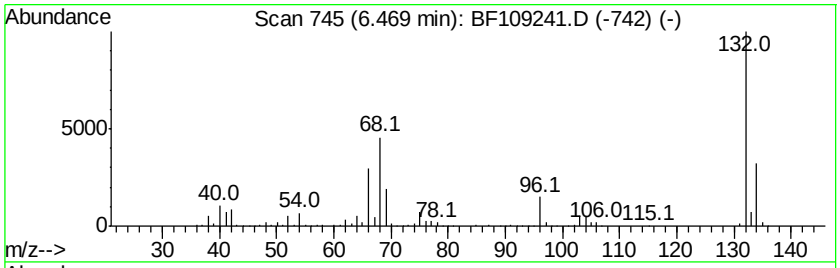
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

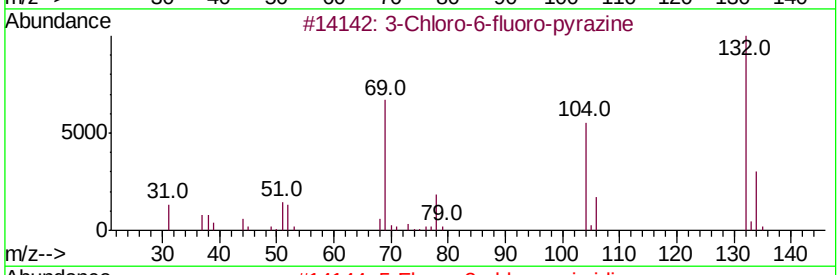
****

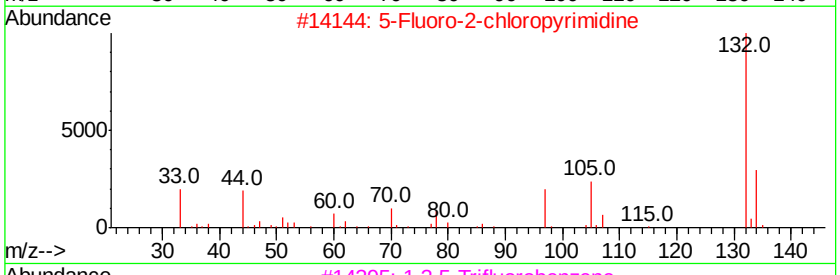
Peak Number 1 unknown6.47 Concentration Rank 1

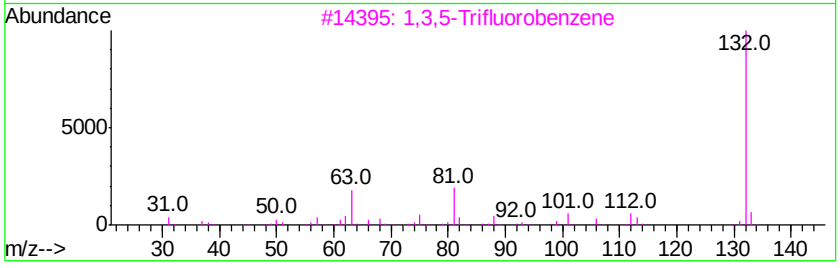
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	48.65 ng	1743630	1,4-Dichlorobenzene-d4	6.70

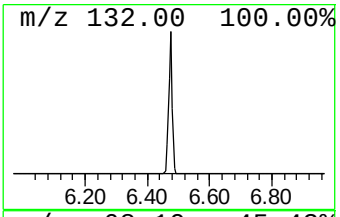
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9

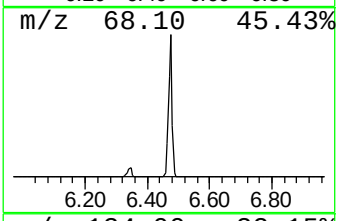


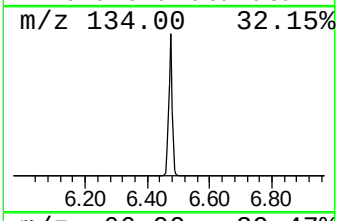


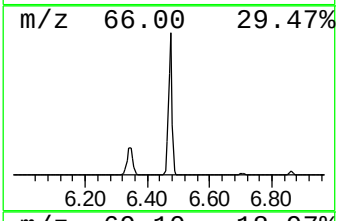


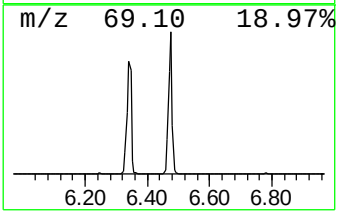












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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

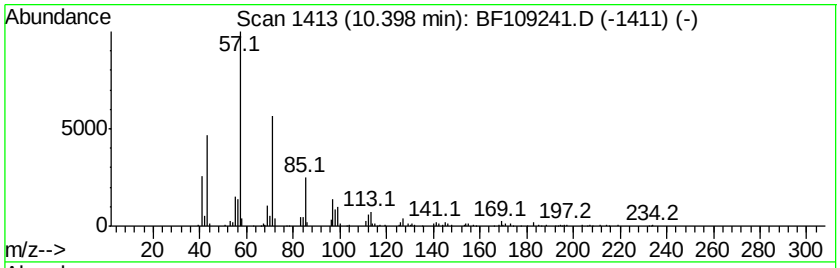
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

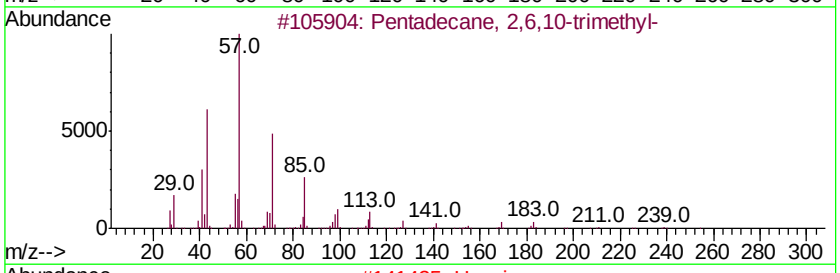
****

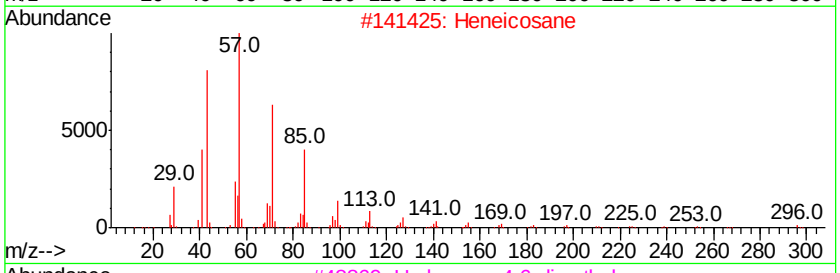
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

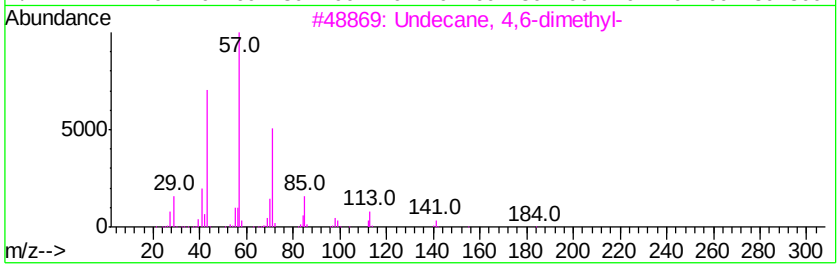
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	5.60 ng	311465	Acenaphthene-d10	9.74

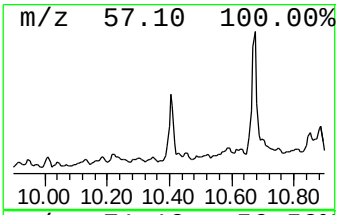
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heneicosane	296	C21H44	000629-94-7	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53

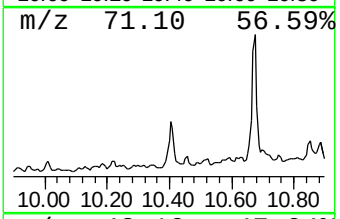


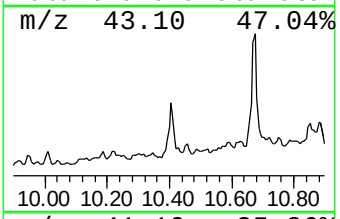


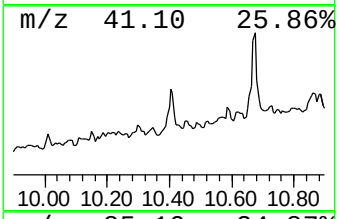


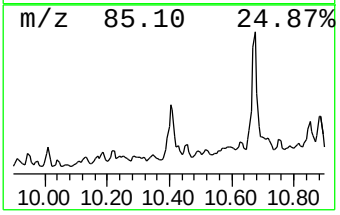












Library Search Compound Report

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Data File : BF109241.D
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Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

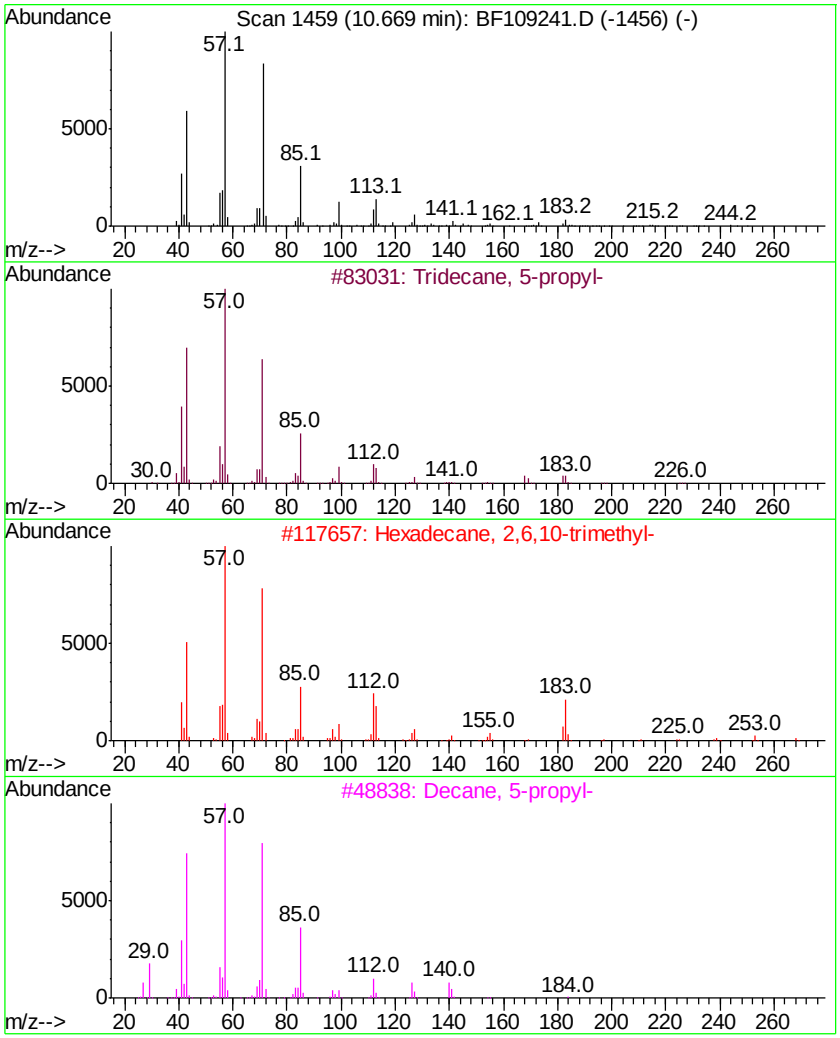
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

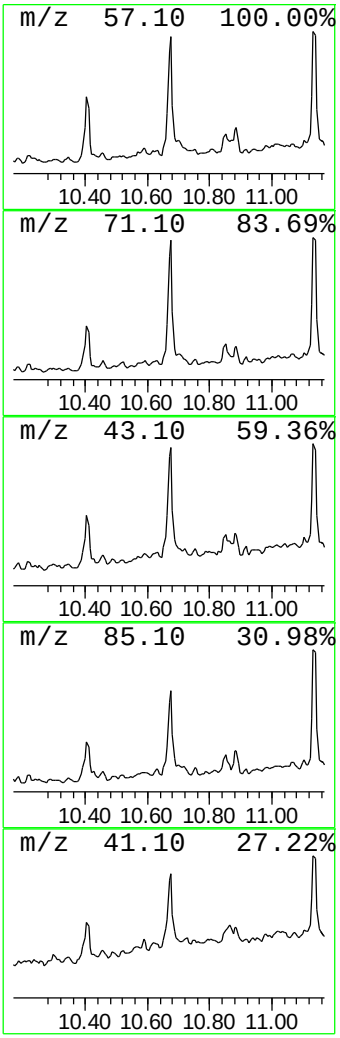
****

Peak Number 4 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	19.95 ng	672798	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
3	Decane, 5-propyl-	184	C13H28	017312-62-8	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





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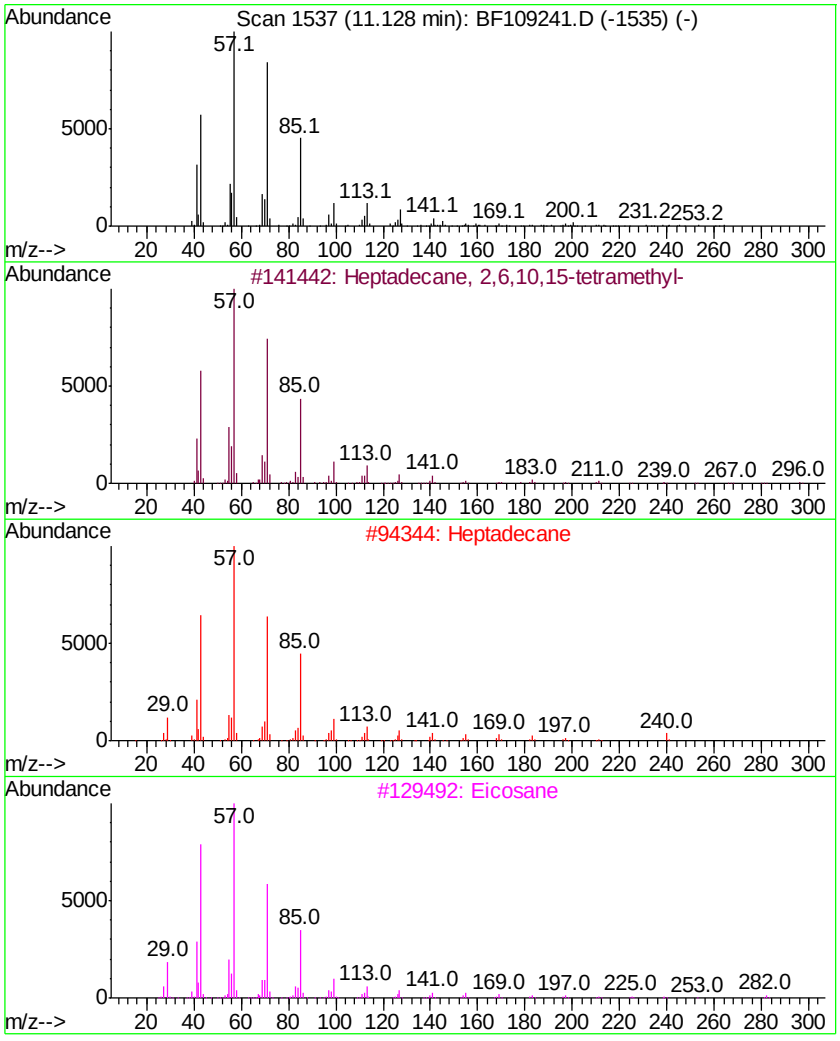
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

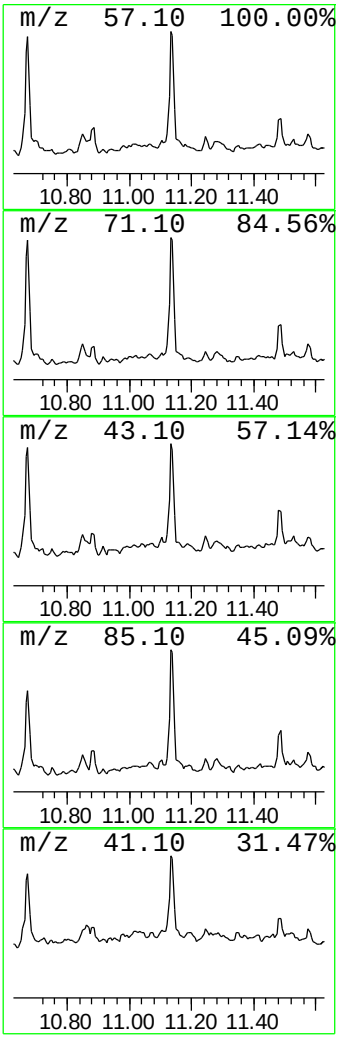
****

Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	25.76 ng	868538	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

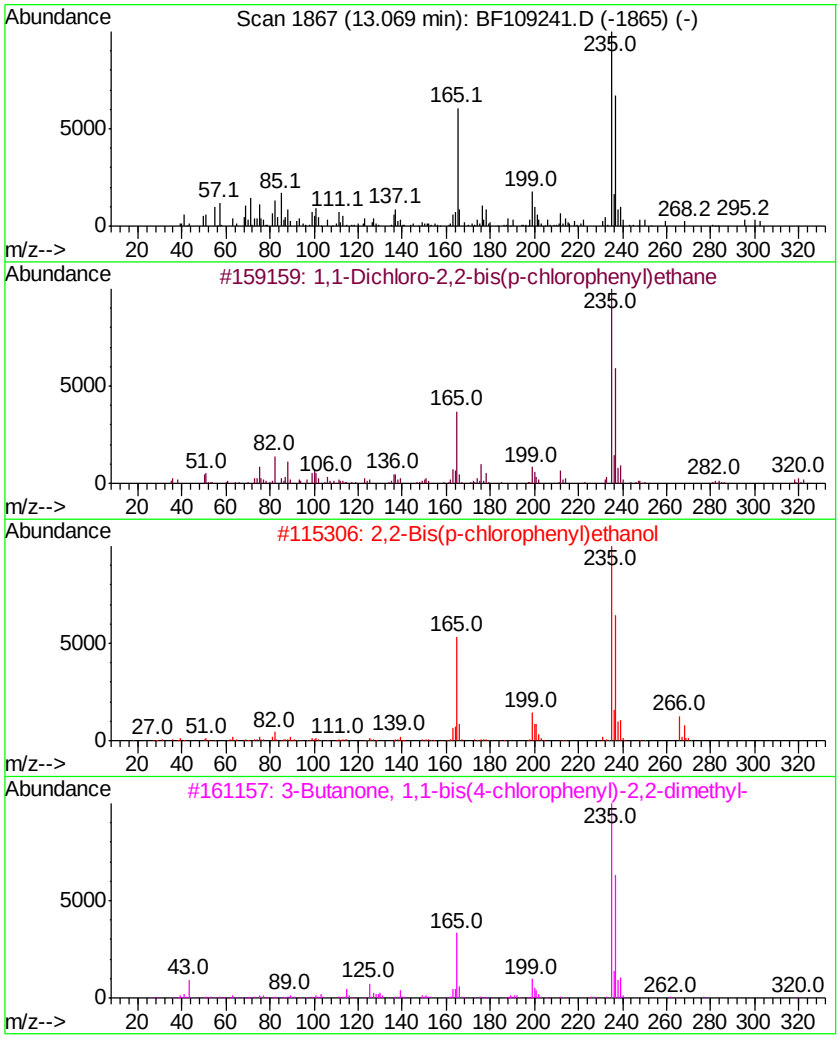
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

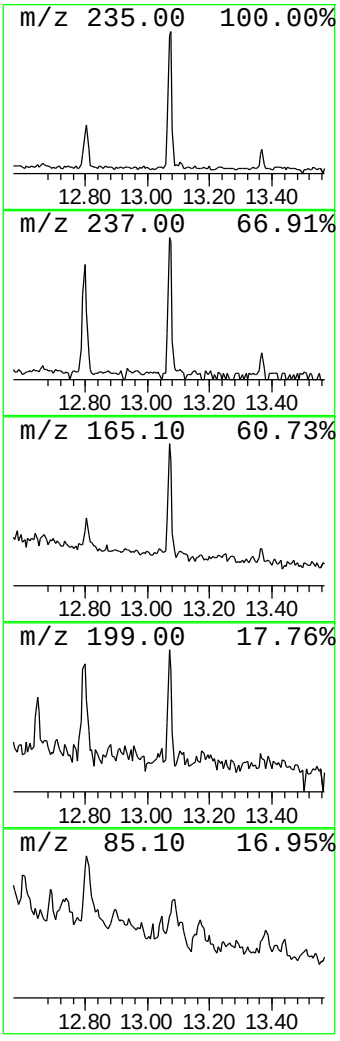
****

Peak Number 8 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	6.25 ng	243662	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	86
2	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	86
3	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	72
4	9H-Carbazole, 3,6-dichloro-	235	C12H7Cl2N	005599-71-3	59
5	Imidazole, 2-amino-4,5-diphenyl-	235	C15H13N3	037980-29-3	46





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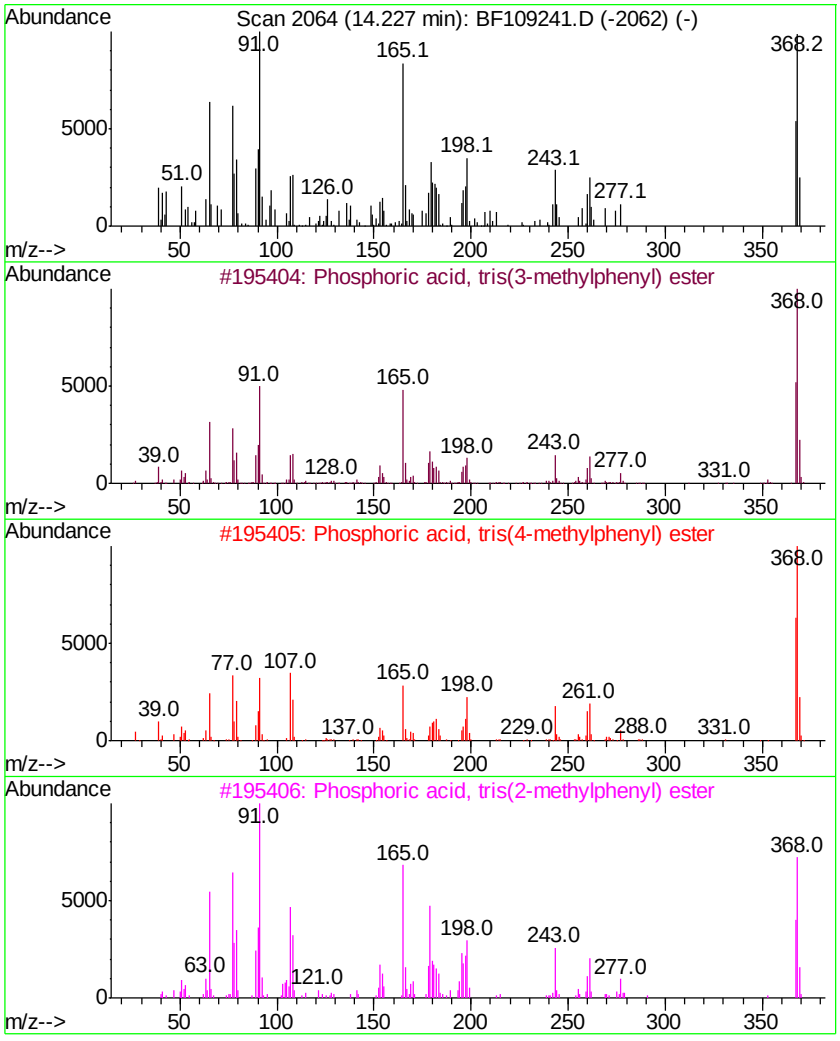
TIC Integration Parameters: LSCINT.P

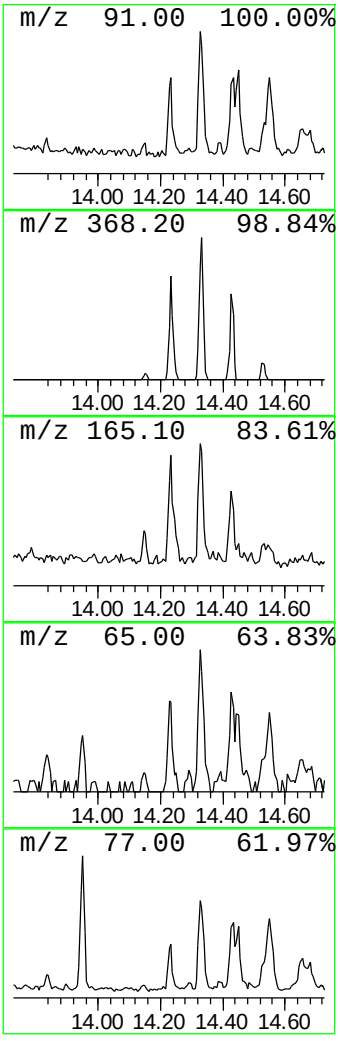
****

Peak Number 9 Phosphoric acid, tris(3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.01 ng	78275	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	93
3	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	91
4	Benzimidazole, 1-benzyl-2-methyl...	368	C24H24N4	326900-70-3	43
5	Pyrimidine-4,6-dione, hexahydro-...	368	C19H16N2O4S	310421-18-2	43





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Data File : BF109241.D
Acq On : 23 Sep 2018 00:10
Operator : JU/SJ
Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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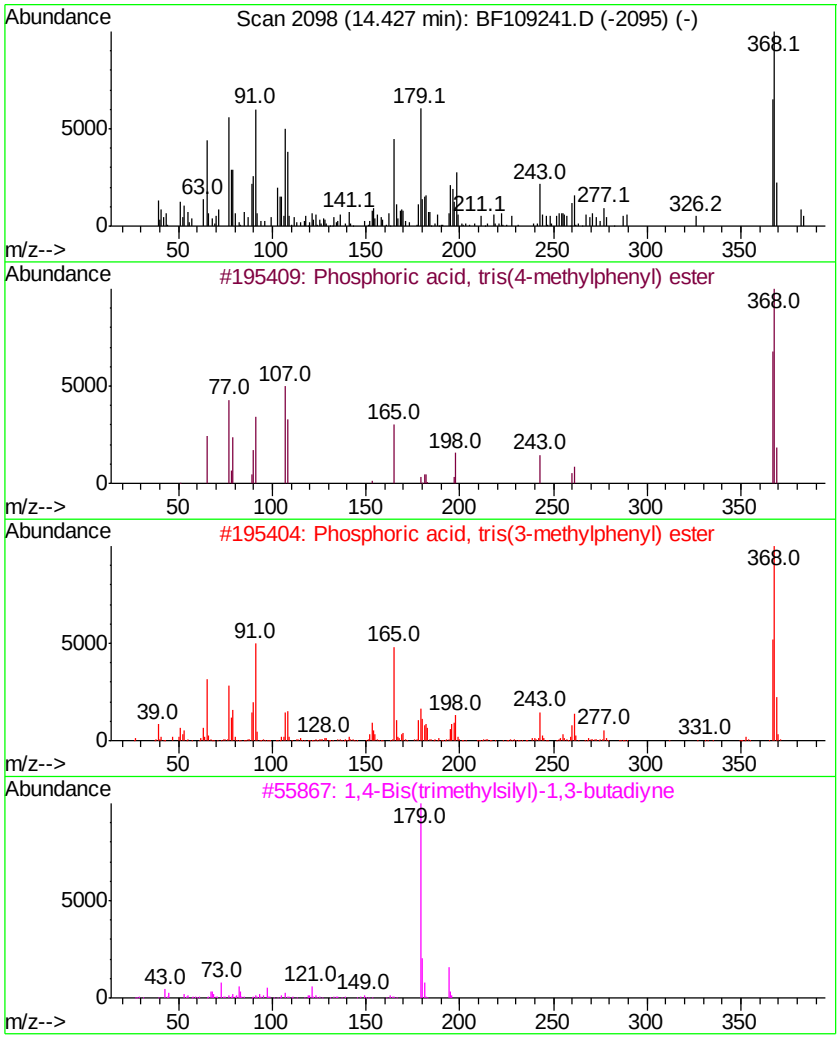
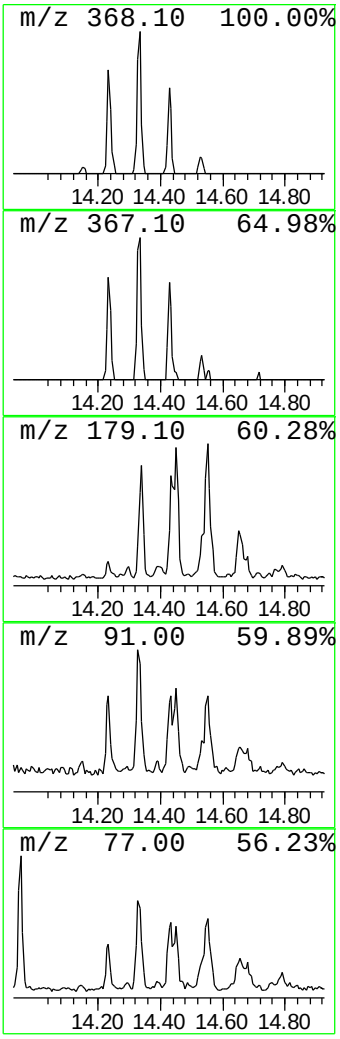
Peak Number 11 unknown14.43 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.68 ng	104517	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	35
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	35
3	1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	25
4	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	25
5	6-[[1,1'-Biphenyl]-3-yl]-N,N-dim...	277	C16H15N5	072115-94-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109241.D
Acq On : 23 Sep 2018 00:10
Operator : JU/SJ
Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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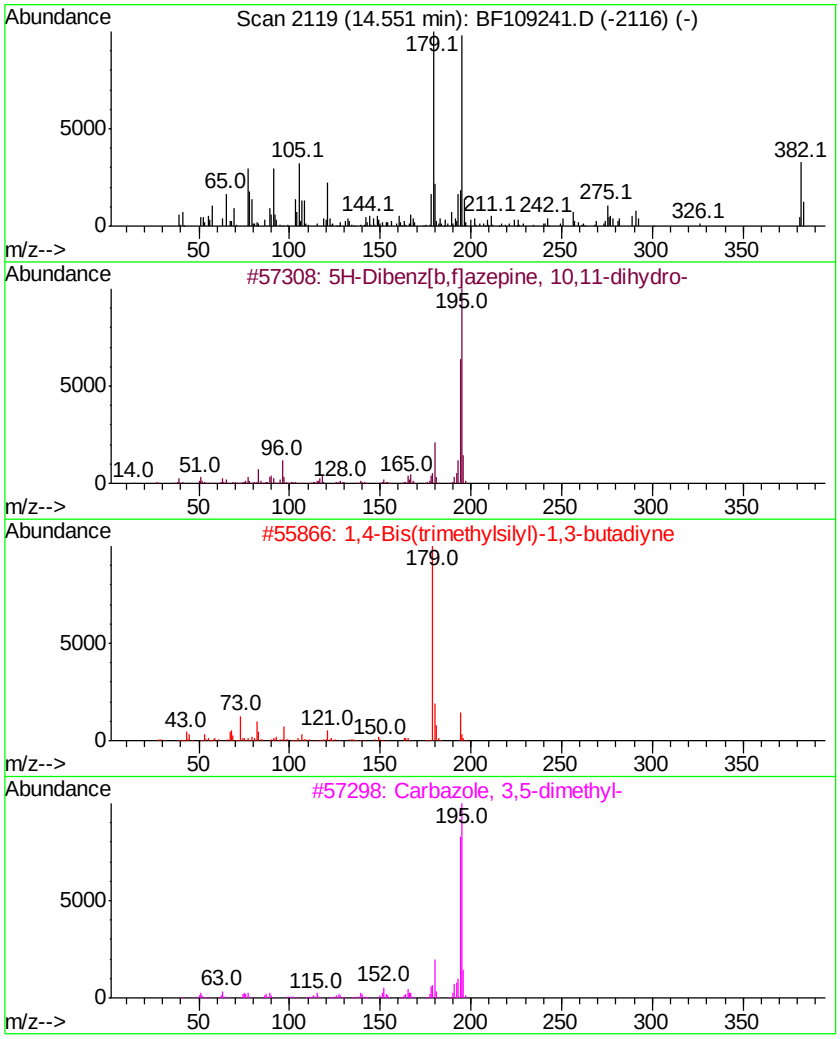
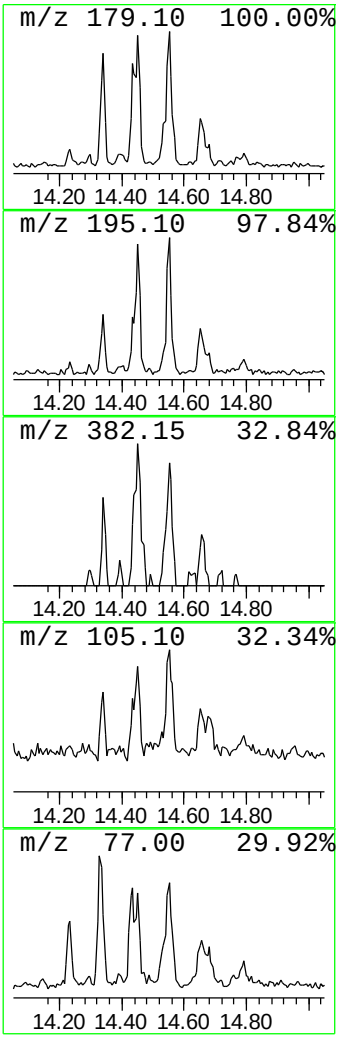
Peak Number 12 unknown14.55 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	5.86 ng	149069	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	38
2	1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	35
3	Carbazole, 3,5-dimethyl-	195	C14H13N	078787-81-2	35
4	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	30
5	2,4-Dimethoxyphenyl isothiocyanate	195	C9H9NO2S	033904-03-9	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109241.D
Acq On : 23 Sep 2018 00:10
Operator : JU/SJ
Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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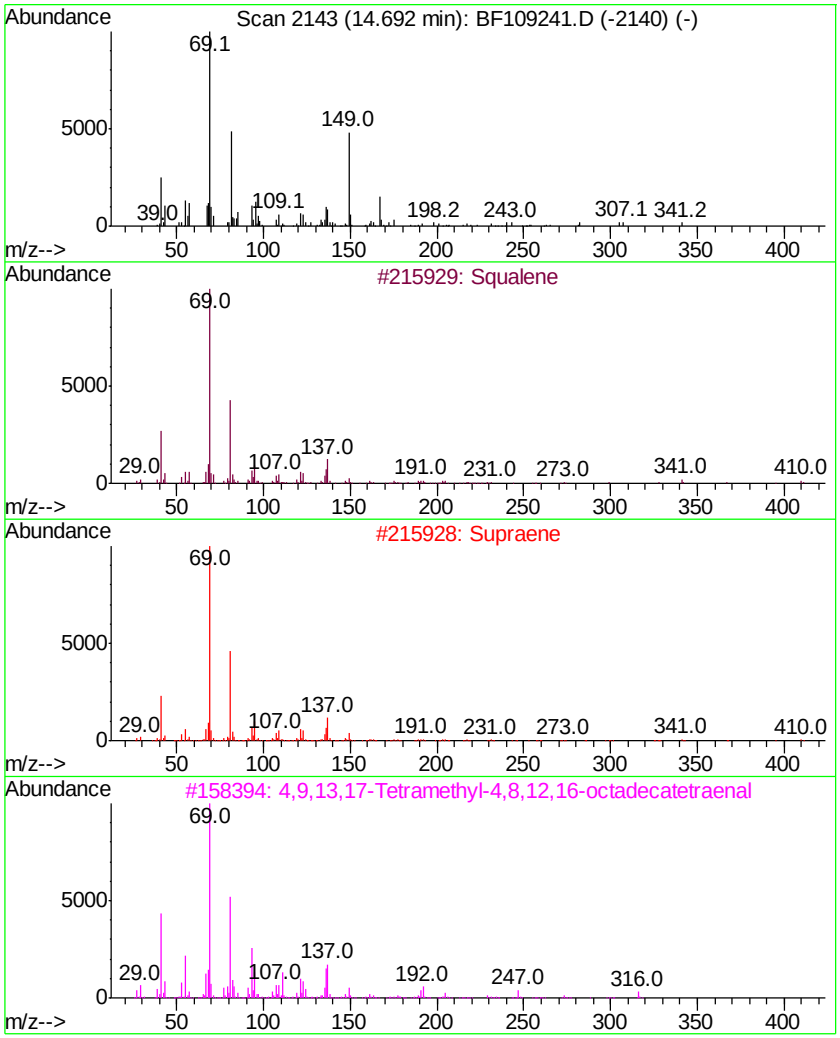
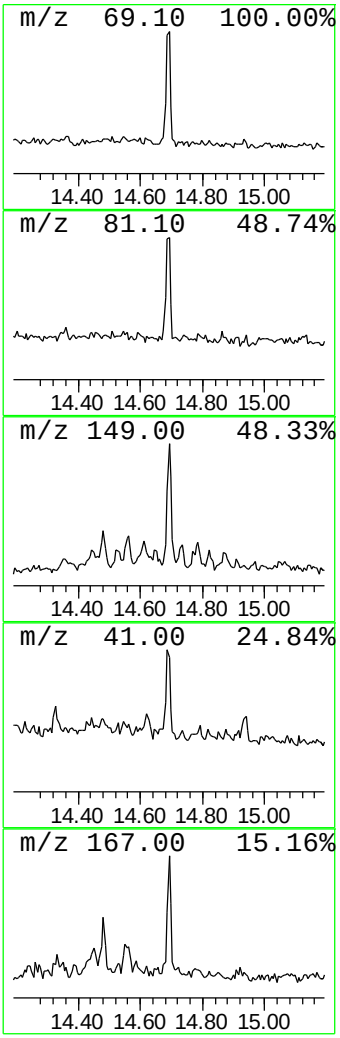
Peak Number 13 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.52 ng	89663	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	52
2	Supraene	410	C30H50	007683-64-9	49
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	47
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	43
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109241.D
Acq On : 23 Sep 2018 00:10
Operator : JU/SJ
Sample : J5021-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	48.6	ng	1743630	1	6.70	716743	20.0
Pentadecane, 2,6,...	10.40	5.6	ng	311465	3	9.74	1112950	20.0
Tridecane, 5-propyl-	10.67	19.9	ng	672798	4	11.22	674413	20.0
Heptadecane, 2,6,...	11.13	25.8	ng	868538	4	11.22	674413	20.0
1,1-Dichloro-2,2-...	13.07	6.3	ng	243662	5	13.84	779310	20.0
Phosphoric acid, ...	14.23	2.0	ng	78275	5	13.84	779310	20.0
unknown14.43	14.43	2.7	ng	104517	5	13.84	779310	20.0
unknown14.55	14.55	5.9	ng	149069	6	15.24	508746	20.0
Squalene	14.69	3.5	ng	89663	6	15.24	508746	20.0