LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030910.D
Acq On : 10 Nov 2017 16:20
Operator : SJ/JU
Sample : I6298-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BNA-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_G\METHODS\8270-BG111017.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	5.222	323	329	337	rBV	91659	144240	2.31%	0.152%
2	5.704	403	411	423	rBV	512298	862868	13.82%	0.908%
3	7.308	675	684	699	rBV	550706	988932	15.83%	1.041%
4	7.554	718	726	740	rVB	395547	630189	10.09%	0.663%
5	7.678	740	747	758	rBV	549138	958186	15.34%	1.009%
6	8.036	800	808	816	rBV	1035822	1802338	28.86%	1.897%
7	8.142	819	826	828	rVV	151145	237940	3.81%	0.250%
8	8.177	828	832	843	rVB	505890	883024	14.14%	0.930%
9	8.471	874	882	884	rBV	450471	787232	12.60%	0.829%
10	8.500	884	887	897	rVB	750385	1236183	19.79%	1.301%
11	9.235	1004	1012	1018	rBV	367140	660326	10.57%	0.695%
12	9.311	1018	1025	1039	rVB	334902	618085	9.90%	0.651%
13	9.881	1113	1122	1138	rBV	1426568	2714044	43.46%	2.857%
14	10.075	1146	1155	1165	rBV	889434	1625788	26.03%	1.712%
15	10.351	1194	1202	1217	rBV	361096	615197	9.85%	0.648%
16	10.962	1295	1306	1316	rBV	223949	421573	6.75%	0.444%
17	11.291	1354	1362	1373	rVB	1038205	1806598	28.93%	1.902%
18	12.231	1513	1522	1537	rBV	1028520	1856409	29.72%	1.954%
19	12.607	1573	1586	1599	rBV	1153819	1923580	30.80%	2.025%
20	13.206	1682	1688	1695	rBV	1374986	2349171	37.61%	2.473%
21	13.289	1695	1702	1712	rVV	1659228	2859404	45.78%	3.010%
22	13.389	1712	1719	1727	rVB	1110945	1730161	27.70%	1.821%
23	14.211	1852	1859	1866	rBV	1416188	2067888	33.11%	2.177%
24	14.493	1899	1907	1917	rBV	2087717	3379932	54.12%	3.558%
25	14.763	1947	1953	1959	rBV2	370864	613246	9.82%	0.646%
26	14.828	1959	1964	1973	rVB	123283	185633	2.97%	0.195%
27	14.993	1984	1992	2006	rBV	986375	1722195	27.57%	1.813%
28	15.163	2014	2021	2030	rVB	1769111	2809345	44.98%	2.958%
29	15.568	2083	2090	2100	rVB	1202055	1711571	27.40%	1.802%
30	15.803	2122	2130	2141	rVB2	2771177	6108600	97.81%	6.431%
31	16.109	2177	2182	2193	rVB	208430	288708	4.62%	0.304%
32	16.250	2199	2206	2215	rBV	971898	1478656	23.68%	1.557%
33	16.691	2274	2281	2293	rBV	1351748	1910383	30.59%	2.011%
34	16.820	2293	2303	2312	rBV	1989346	3050796	48.85%	3.212%

LSC Area Percent Report

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Data File : BG030910.D
Acq On : 10 Nov 2017 16:20
Operator : SJ/JU
Sample : I6298-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BNA-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_G\METHODS\8270-BG111017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.161	2349	2361	2371	rBV	1404324	2228108	35.67%	2.346%
36	17.507	2414	2420	2423	rBV2	535280	830784	13.30%	0.875%
37	17.548	2423	2427	2434	rVB	1234403	1836650	29.41%	1.934%
38	18.447	2574	2580	2588	rBV	2741371	3648235	58.41%	3.841%
39	20.098	2855	2861	2869	rBV	2237975	3074408	49.22%	3.237%
40	20.780	2970	2977	2982	rBV	4773688	6228402	99.72%	6.557%
41	20.856	2987	2990	2998	rVB2	65738	94513	1.51%	0.099%
42	21.385	3076	3080	3090	rBV2	75712	126266	2.02%	0.133%
43	21.638	3118	3123	3130	rVB	1431639	1988245	31.83%	2.093%
44	21.767	3137	3145	3152	rBV2	2972853	6095134	97.59%	6.417%
45	21.832	3152	3156	3163	rVB	1753607	2776673	44.46%	2.923%
46	22.560	3276	3280	3289	rBV2	44913	89657	1.44%	0.094%
47	22.883	3326	3335	3343	rVB	3325400	6245631	100.00%	6.575%
48	24.041	3521	3532	3537	rBV	1066182	2746932	43.98%	2.892%
49	24.105	3537	3543	3561	rVB	1103761	2700761	43.24%	2.843%
50	25.087	3700	3710	3722	rVB2	358980	1066867	17.08%	1.123%
51	26.227	3897	3904	3915	rVB4	55639	172295	2.76%	0.181%

Sum of corrected areas: 94987982

LSC Report - Integrated Chromatogram

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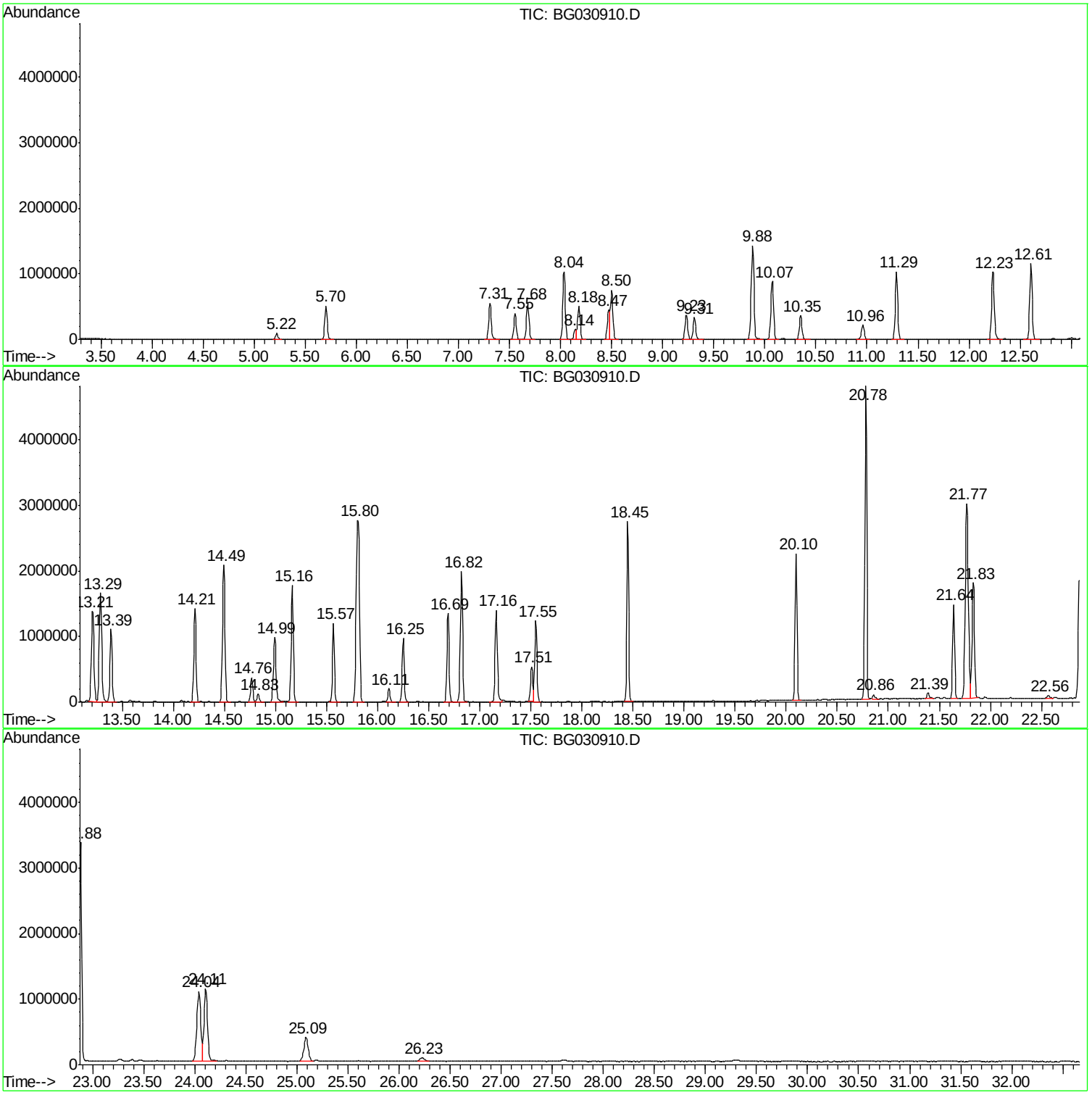
Acq On : 10 Nov 2017 16:20
Operator : SJ/JU
Sample : I6298-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030910.D
Acq On : 10 Nov 2017 16:20
Operator : SJ/JU
Sample : I6298-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

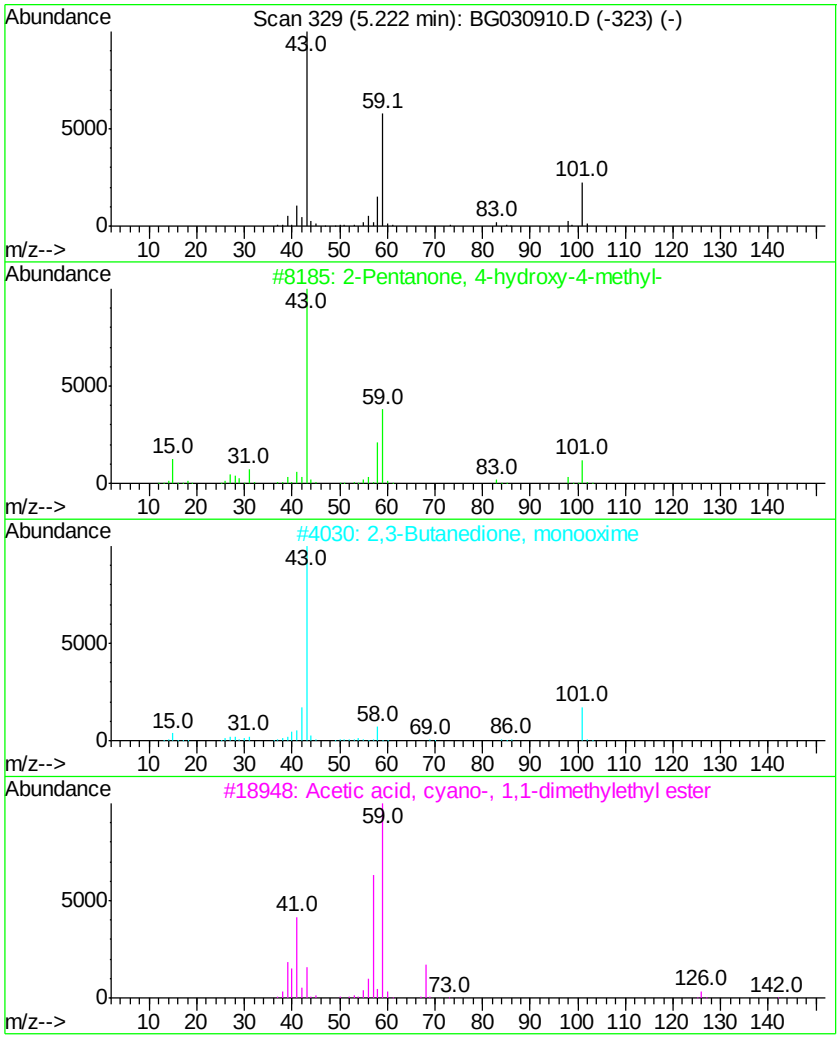
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

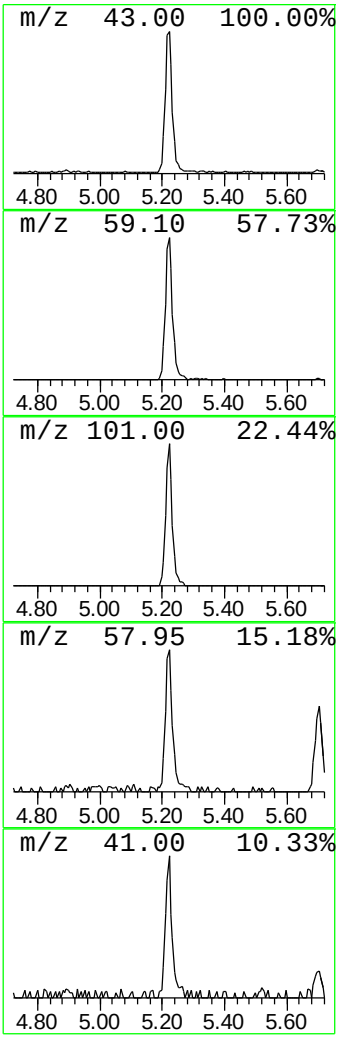
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.12 ng	144240	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Butane	58	C4H10	000106-97-8	9





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Sample : I6298-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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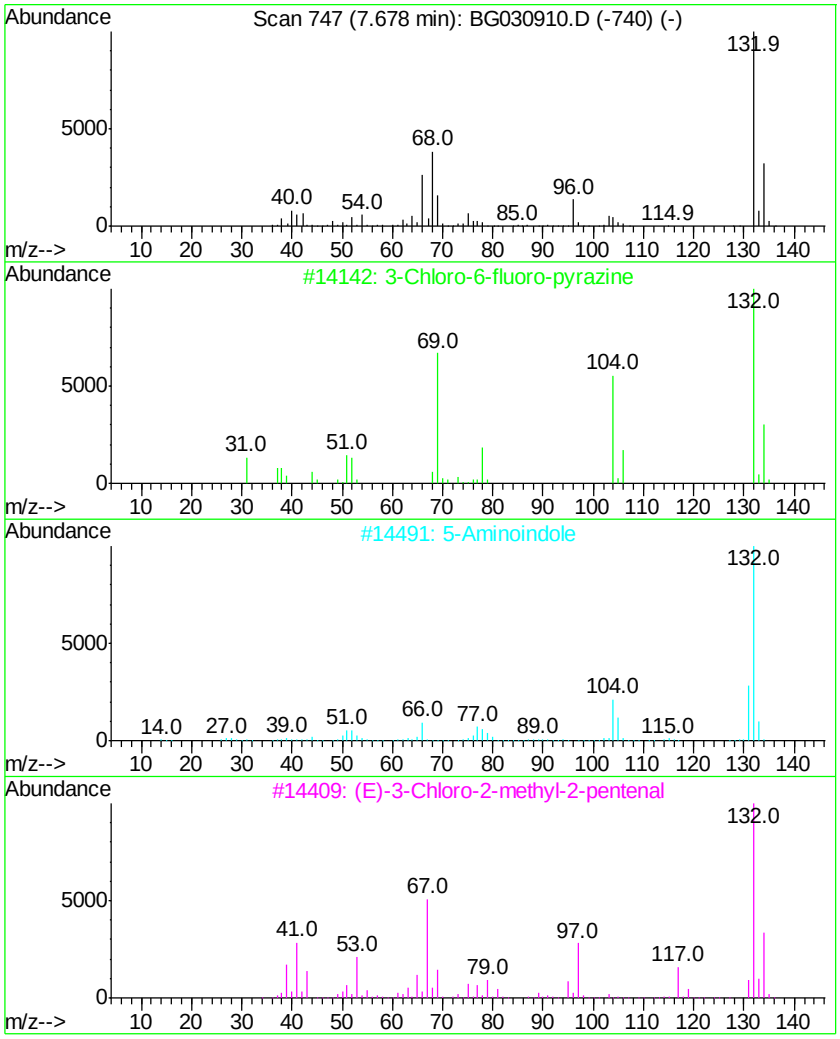
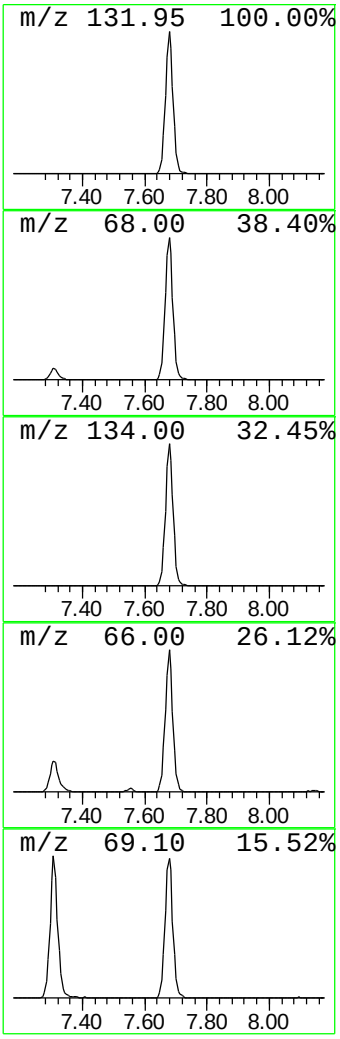
Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	80.54 ng	958186	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Sample : I6298-15
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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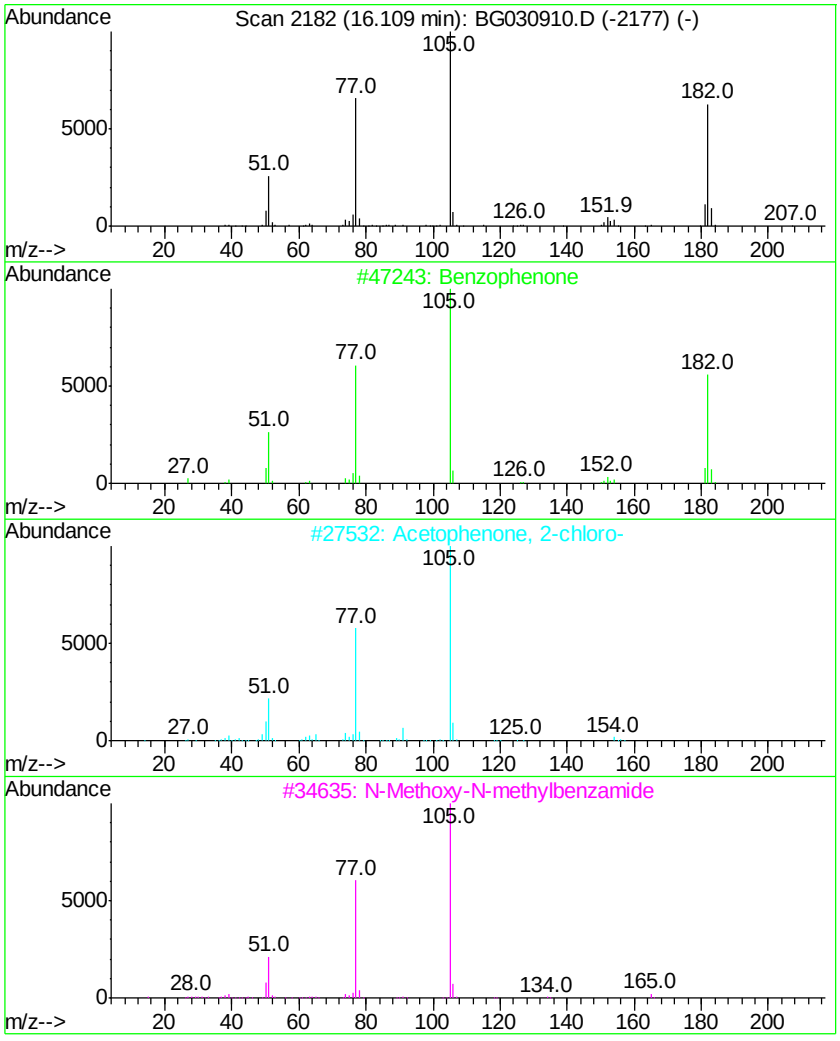
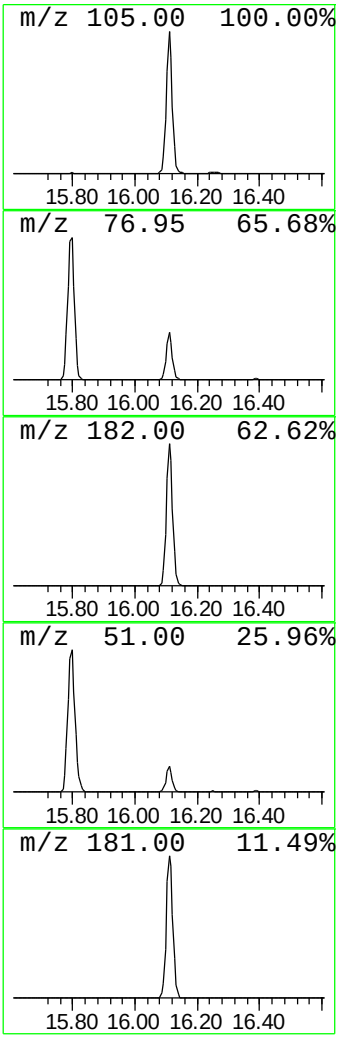
Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	9.42 ng	288708	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	43





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Sample : I6298-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BNA-Soil

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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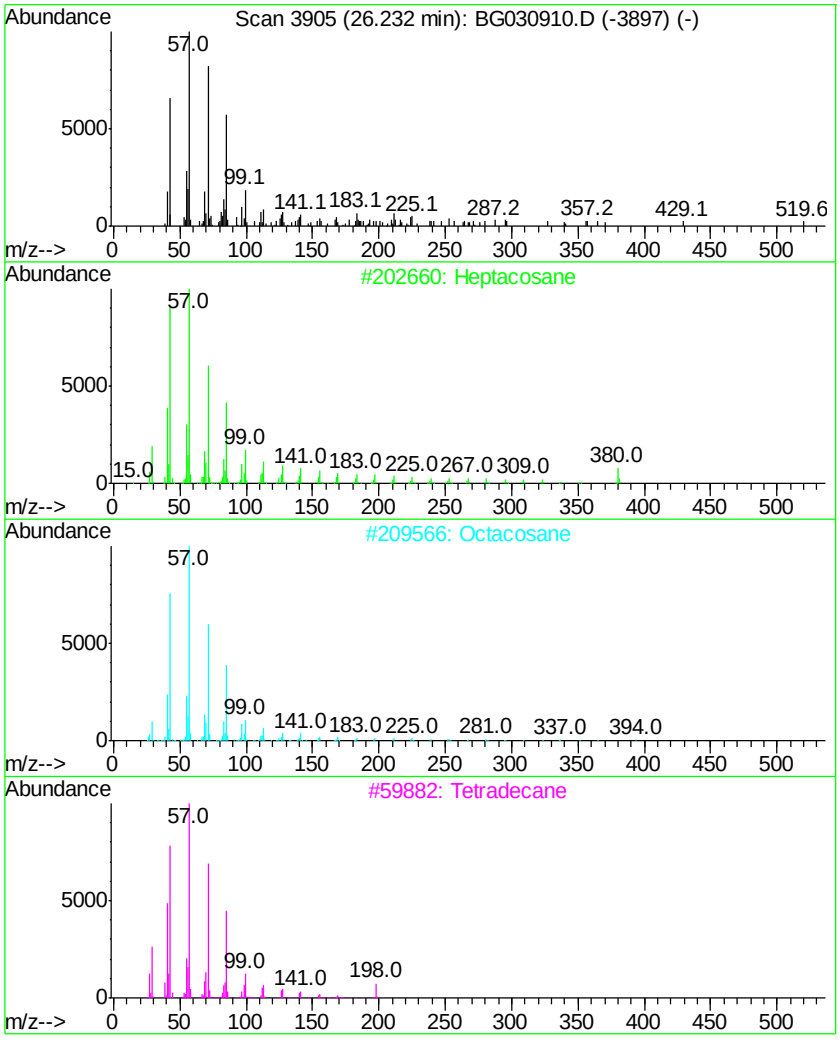
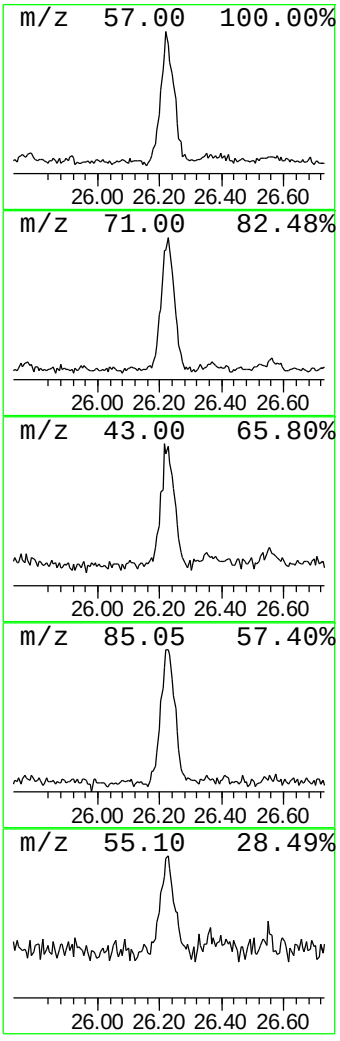
Peak Number 5 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	3.23 ng	172295	Perylene-d12	25.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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...	5.22	12.1	ng	144240	1	8.14	237940	20.0
unknown7.68	7.68	80.5	ng	958186	1	8.14	237940	20.0
Benzophenone	16.11	9.4	ng	288708	3	14.76	613246	20.0
Heptacosane	26.23	3.2	ng	172295	6	25.09	1066870	20.0