LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023870.D
Acq On : 24 Aug 2016 1:45
Operator : UM/SJ
Sample : H4554-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-4

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-BG080116.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	2.967	17	22	38	rVB	5115306	8217081	100.00%	17.497%
2	5.152	386	394	405	rBV	566499	888655	10.81%	1.892%
3	5.634	469	476	488	rBV	1687540	2889323	35.16%	6.152%
4	7.250	742	751	762	rBV	1827643	3364512	40.95%	7.164%
5	7.620	806	814	822	rBV	1839941	3210039	39.07%	6.835%
6	8.090	886	894	904	rBV	441534	758131	9.23%	1.614%
7	8.413	941	949	959	rBV	1317350	2341777	28.50%	4.986%
8	9.270	1087	1095	1106	rBV	1157795	2157472	26.26%	4.594%
9	10.921	1369	1376	1389	rBV	566364	1060148	12.90%	2.257%
10	13.377	1786	1794	1805	rBV	2616806	4111235	50.03%	8.754%
11	14.205	1927	1935	1942	rBV	809021	1169991	14.24%	2.491%
12	14.763	2024	2030	2038	rBV2	886012	1454136	17.70%	3.096%
13	15.585	2165	2170	2176	rVB	83852	116582	1.42%	0.248%
14	15.991	2230	2239	2244	rBV3	46170	89077	1.08%	0.190%
15	16.261	2279	2285	2295	rBV	2174788	3350864	40.78%	7.135%
16	16.449	2312	2317	2320	rBV2	126621	208851	2.54%	0.445%
17	17.248	2448	2453	2457	rBV	84558	110464	1.34%	0.235%
18	17.524	2494	2500	2506	rBV2	1117161	1756320	21.37%	3.740%
19	18.399	2644	2649	2654	rBV6	61795	105854	1.29%	0.225%
20	19.586	2845	2851	2856	rVB2	63980	100125	1.22%	0.213%
21	19.944	2909	2912	2918	rVB2	59893	83145	1.01%	0.177%
22	20.132	2938	2944	2956	rVB	4170821	5423752	66.01%	11.549%
23	21.442	3162	3167	3171	rBV5	85422	158895	1.93%	0.338%
24	21.836	3227	3234	3241	rBV	1158848	2024495	24.64%	4.311%
25	25.214	3799	3809	3820	rVB3	627375	1813217	22.07%	3.861%

Sum of corrected areas: 46964141

LSC Report - Integrated Chromatogram

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Misc :
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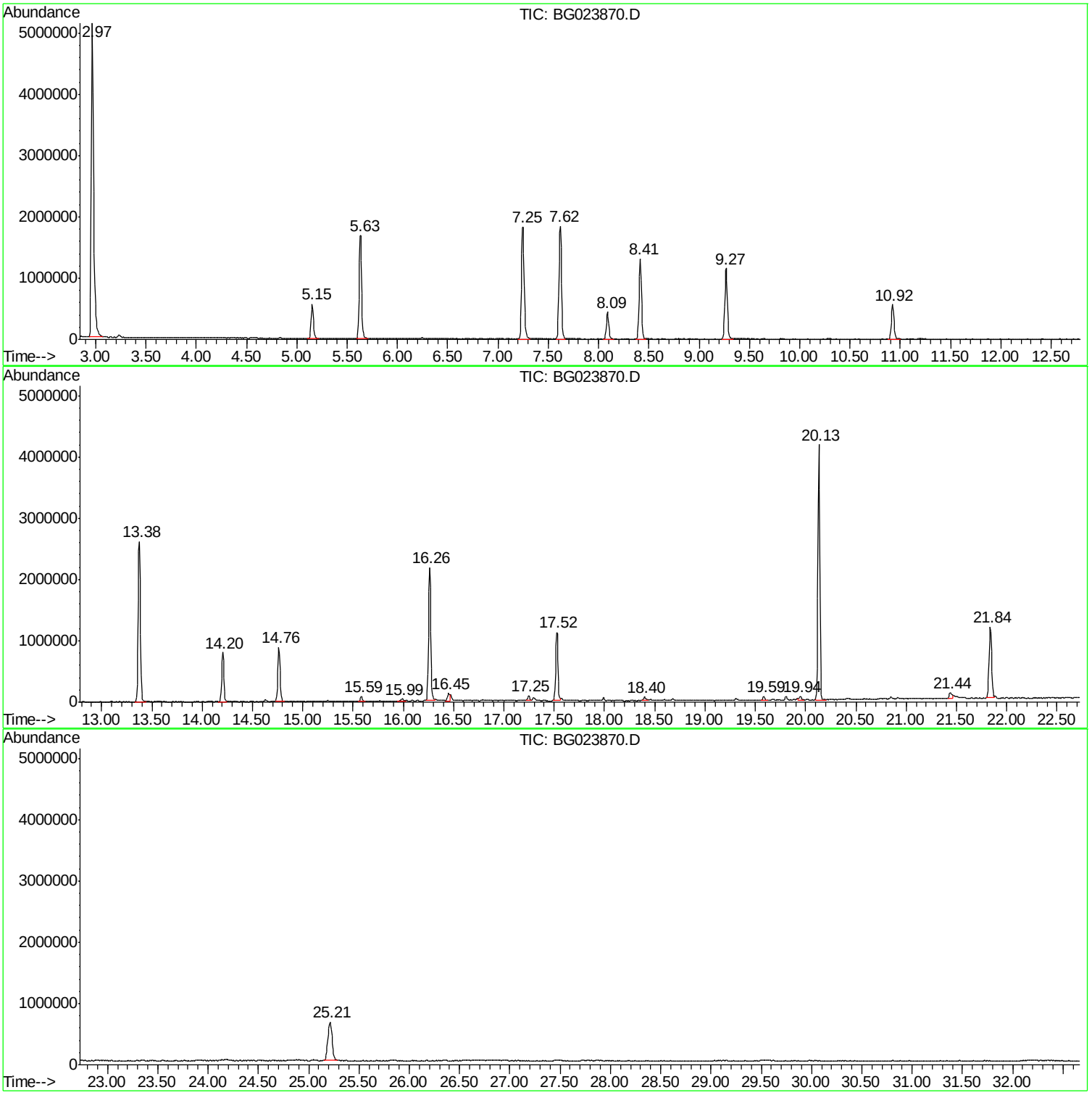
Instrument : BNA_G
ClientSampleId : P-4

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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Data File : BG023870.D
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Operator : UM/SJ
Sample : H4554-03
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ALS Vial : 22 Sample Multiplier: 1

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

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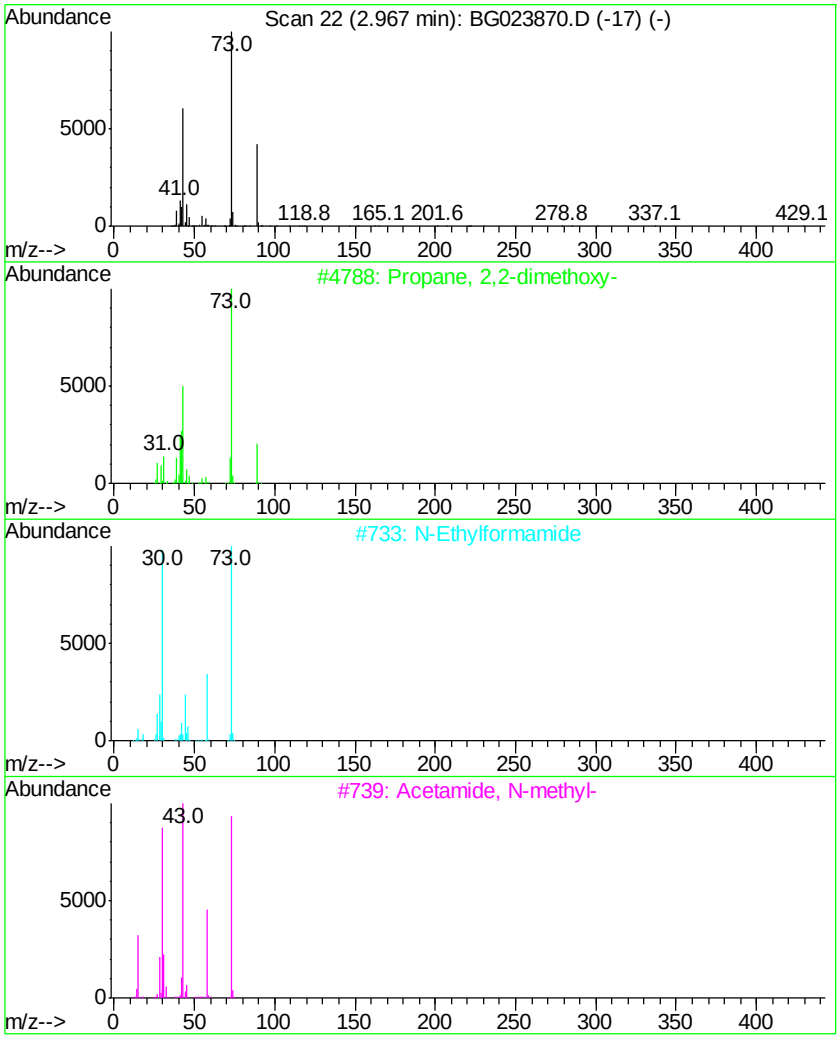
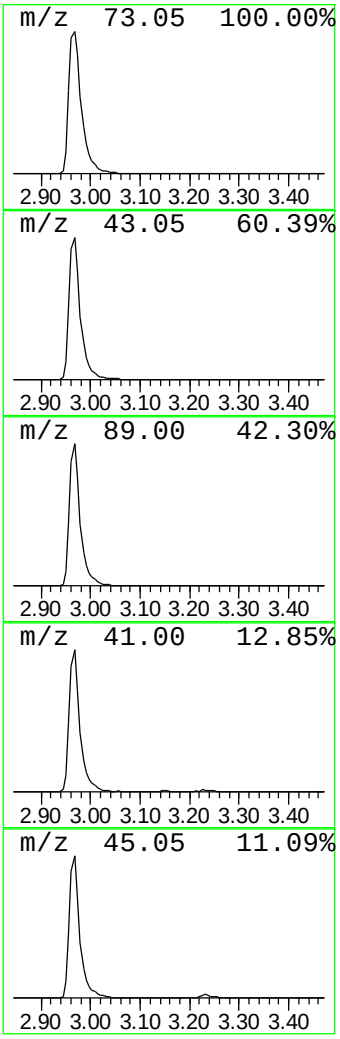
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	216.77 ng	8217080	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023870.D
Acq On : 24 Aug 2016 1:45
Operator : UM/SJ
Sample : H4554-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-4

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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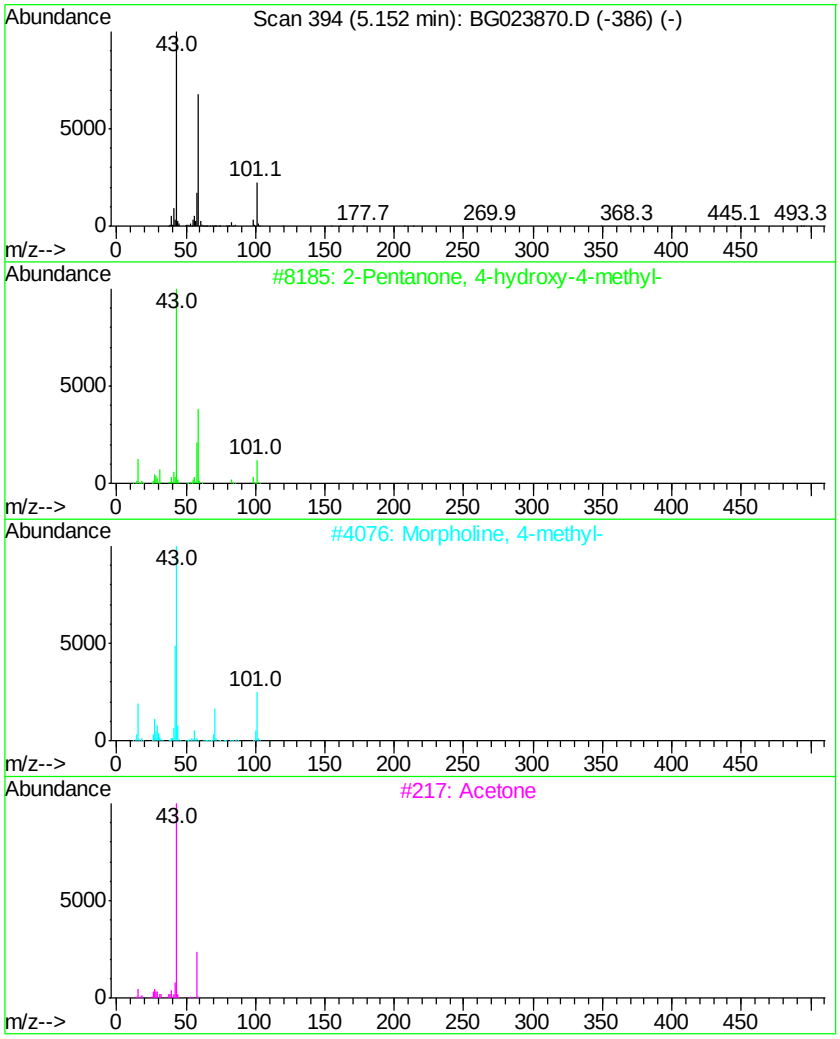
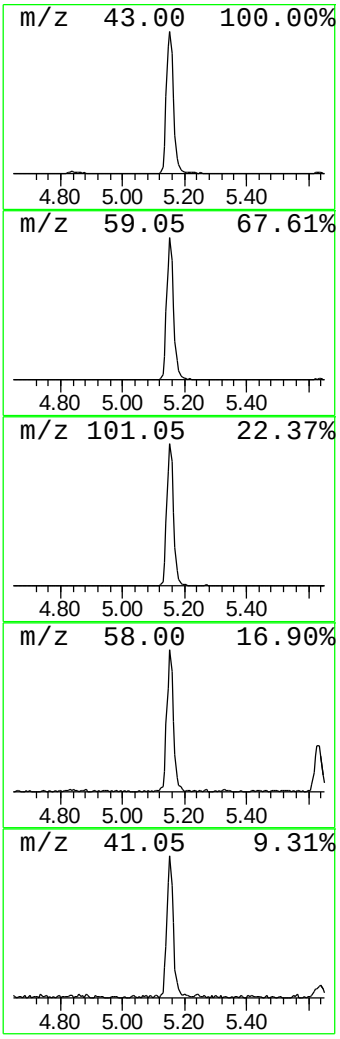
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	23.44 ng	888655	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BG023870.D
Acq On : 24 Aug 2016 1:45
Operator : UM/SJ
Sample : H4554-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-4

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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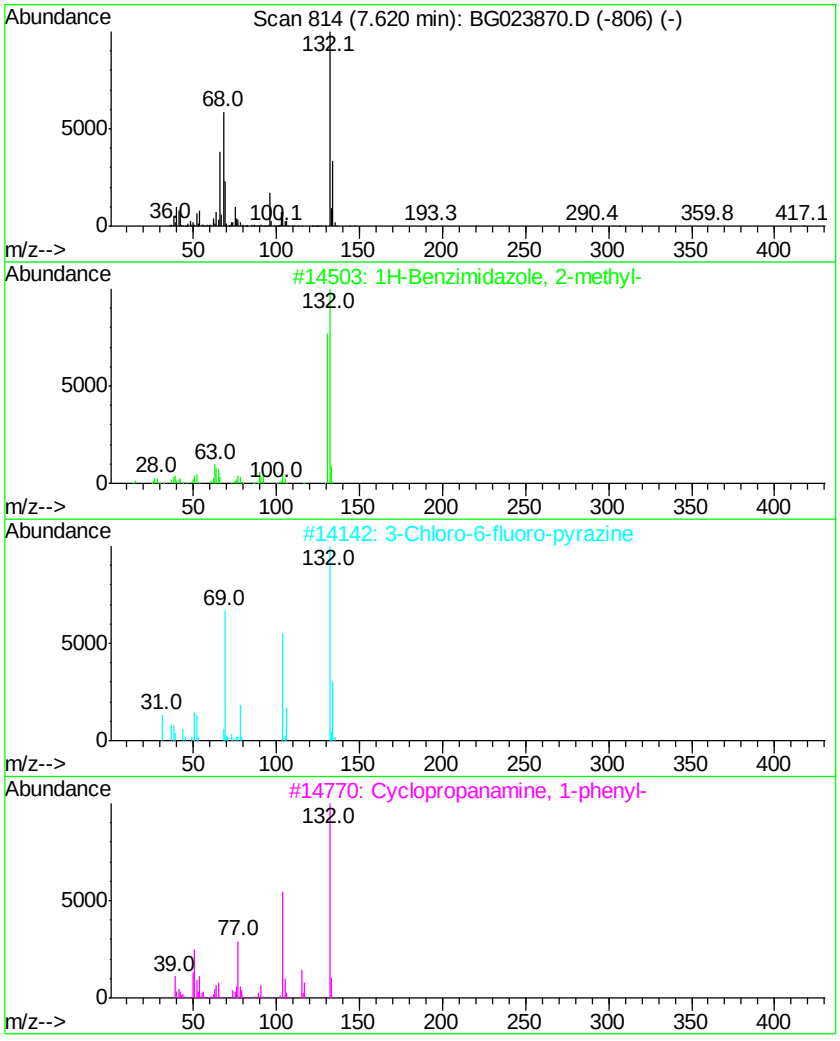
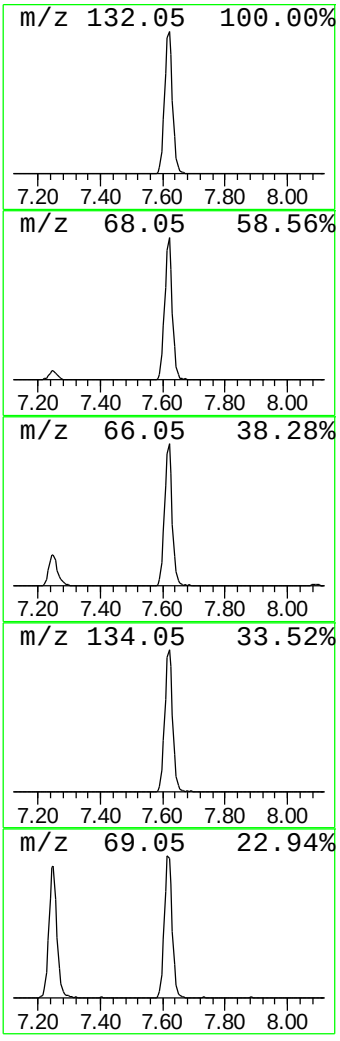
Peak Number 3 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	84.68 ng	3210040	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-4

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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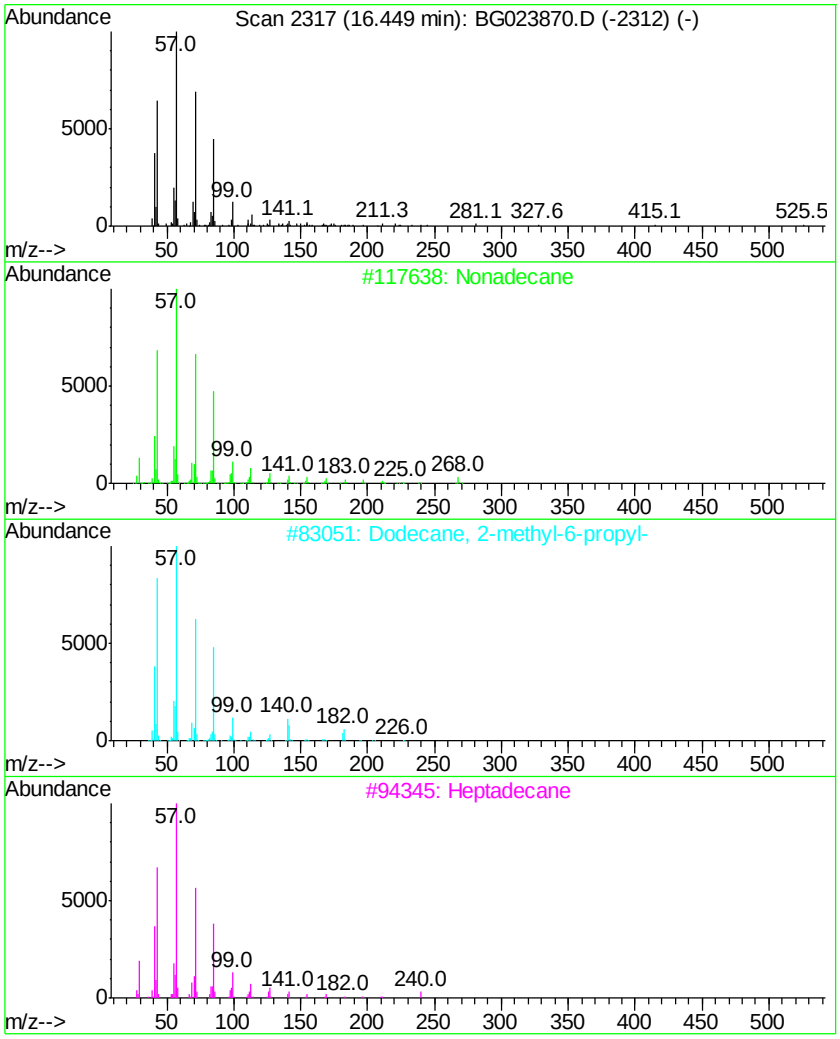
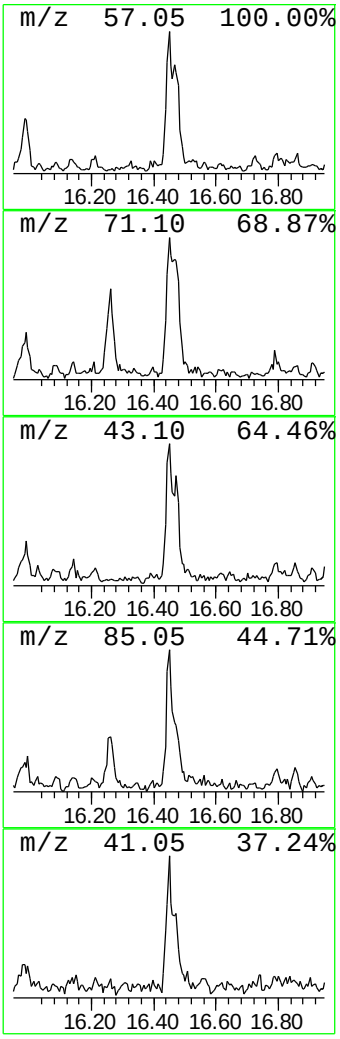
Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.38 ng	208851	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Heneicosane	296	C21H44	000629-94-7	78





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-4

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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
Propane, 2,2-dime...	2.97	216.8	ng	8217080	1	8.09	758131	20.0
2-Pentanone, 4-hy...	5.15	23.4	ng	888655	1	8.09	758131	20.0
unknown7.62	7.62	84.7	ng	3210040	1	8.09	758131	20.0
Nonadecane	16.45	2.4	ng	208851	4	17.52	1756320	20.0