LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039225.D
Acq On : 18 Jan 2019 21:11
Operator : JU/SJ
Sample : K1178-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-08

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_G\METHODS\8270-BG010919.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	3.130	3	7	14	rVB	19583	29865	2.29%	0.564%
2	5.562	415	421	428	rBV	94497	156339	12.00%	2.955%
3	7.166	688	694	705	rBB	60903	111263	8.54%	2.103%
4	7.536	750	757	768	rBV	187769	327706	25.16%	6.194%
5	8.006	831	837	844	rBB	44919	75443	5.79%	1.426%
6	8.329	884	892	901	rBB	168602	293871	22.56%	5.554%
7	9.187	1029	1038	1054	rBV	144533	267310	20.52%	5.052%
8	10.827	1309	1317	1326	rBV	60775	112268	8.62%	2.122%
9	13.271	1725	1733	1739	rBV	481821	749899	57.58%	14.173%
10	14.652	1961	1968	1978	rVB2	118746	189840	14.58%	3.588%
11	16.144	2215	2222	2235	rBV	430901	670849	51.51%	12.679%
12	17.401	2429	2436	2444	rBV2	168014	263530	20.23%	4.981%
13	17.513	2449	2455	2463	rBV	32640	48578	3.73%	0.918%
14	20.004	2872	2879	2887	rBV	983032	1302413	100.00%	24.616%
15	21.667	3156	3162	3172	rVB	168098	285589	21.93%	5.398%
16	22.407	3283	3288	3294	rVB2	11727	18885	1.45%	0.357%
17	23.095	3399	3405	3412	rVB2	16250	31172	2.39%	0.589%
18	23.894	3535	3541	3548	rBV3	12487	29303	2.25%	0.554%
19	24.840	3691	3702	3707	rBV3	11079	28164	2.16%	0.532%
20	24.928	3707	3717	3730	rVB3	93374	280076	21.50%	5.294%
21	25.956	3886	3892	3901	rBV6	6676	18569	1.43%	0.351%

Sum of corrected areas: 5290932

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Misc :
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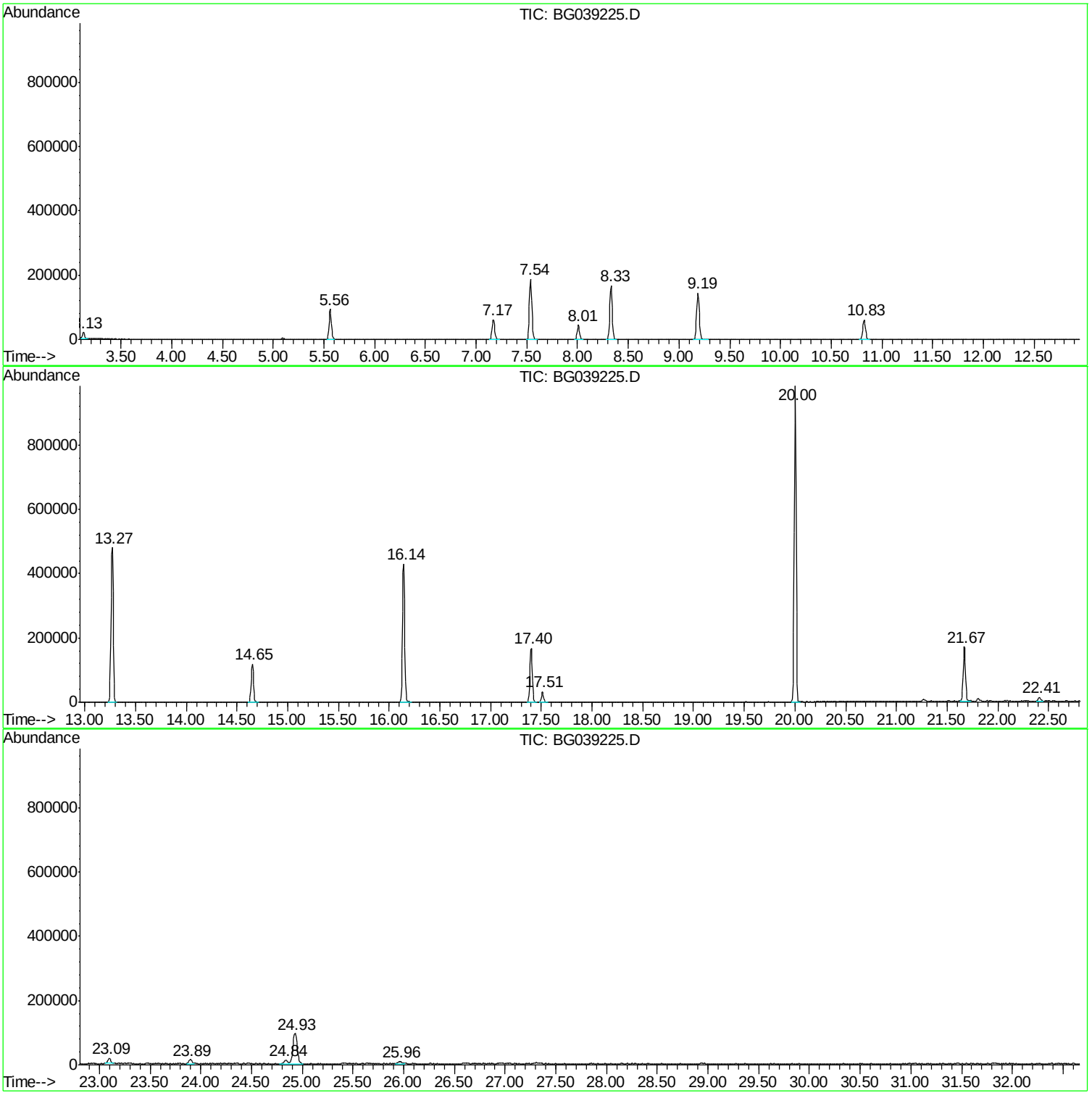
Instrument :
BNA_G
ClientSampleId :
MW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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 : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039225.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_G
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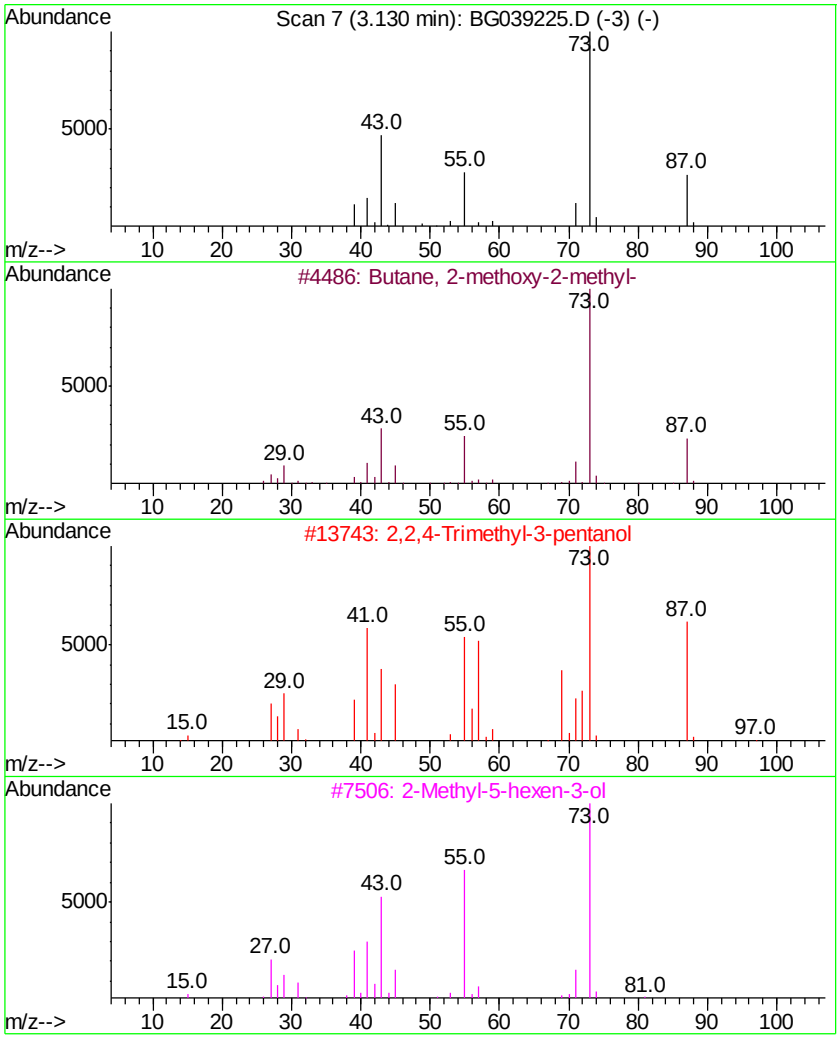
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

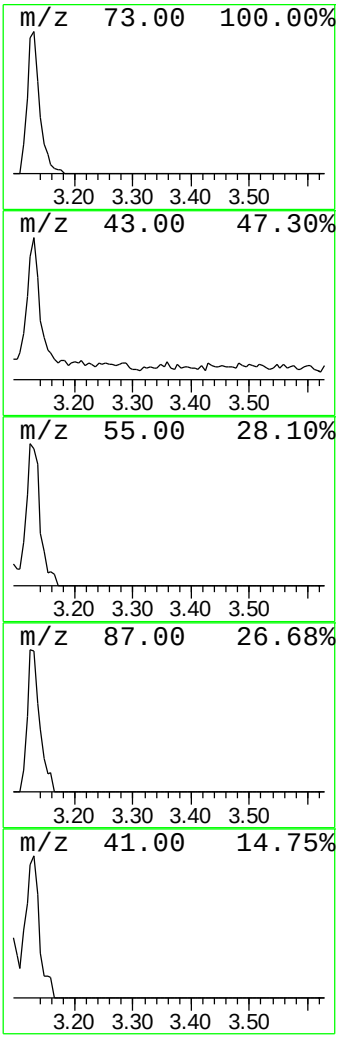
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	7.92 ng	29865	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K1178-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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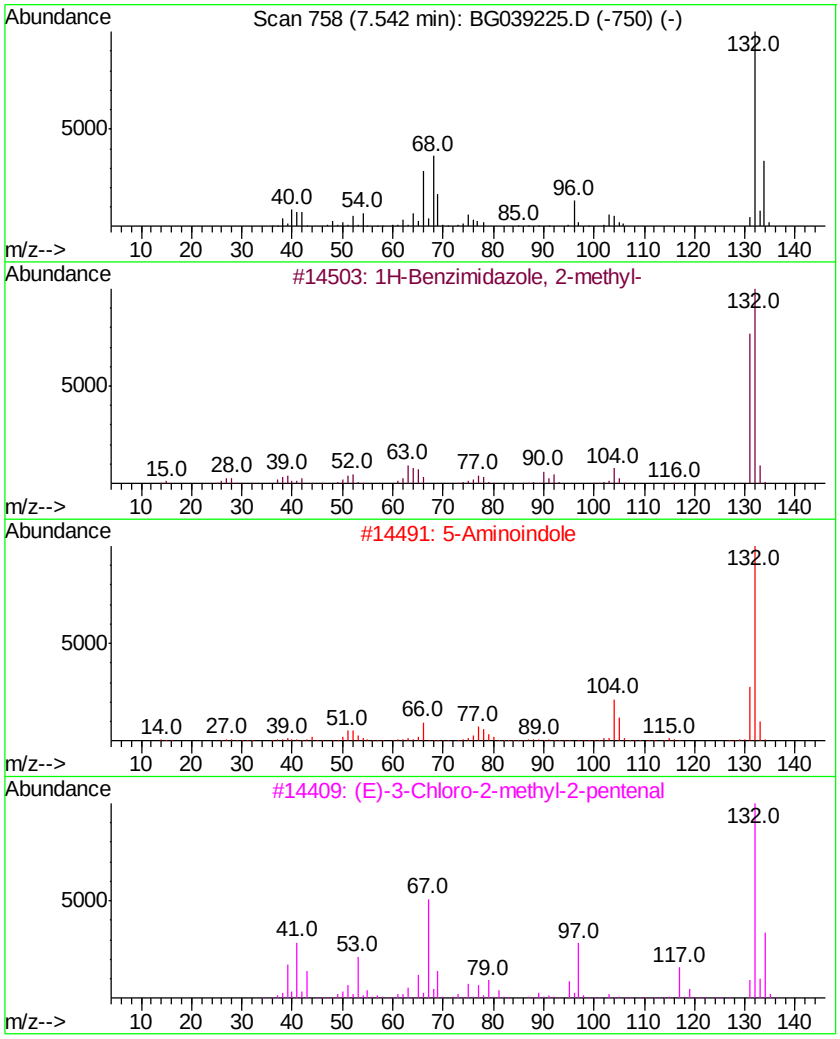
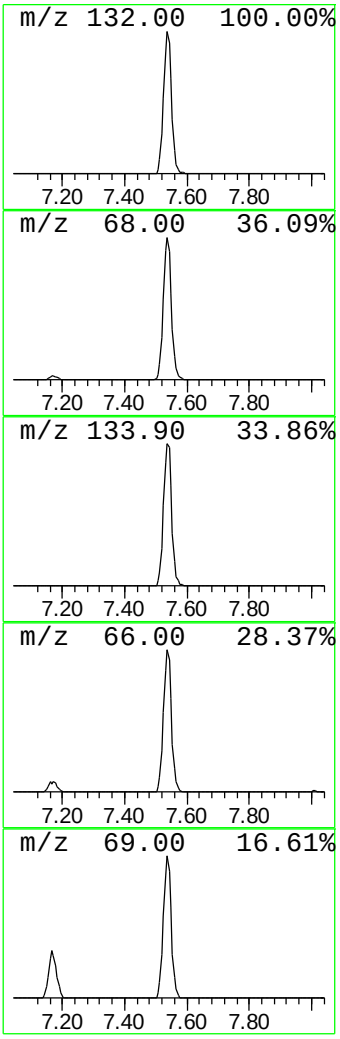
Peak Number 2 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	86.88 ng	327706	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16





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Acq On : 18 Jan 2019 21:11
Operator : JU/SJ
Sample : K1178-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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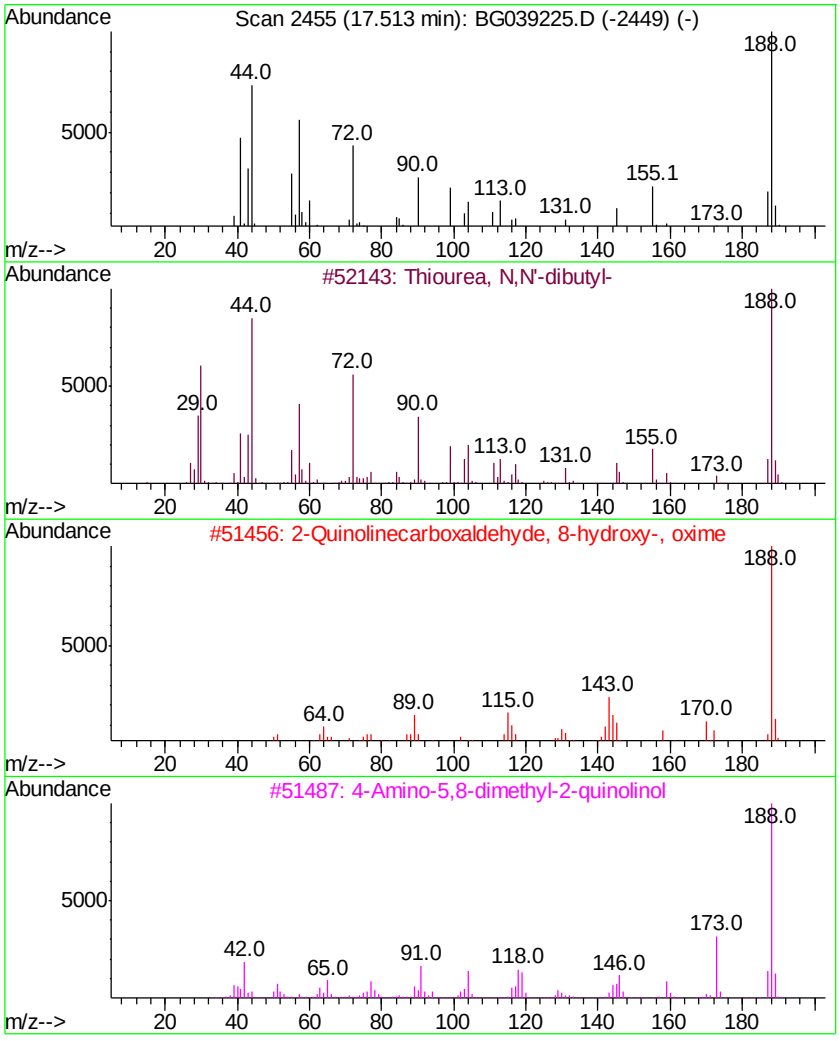
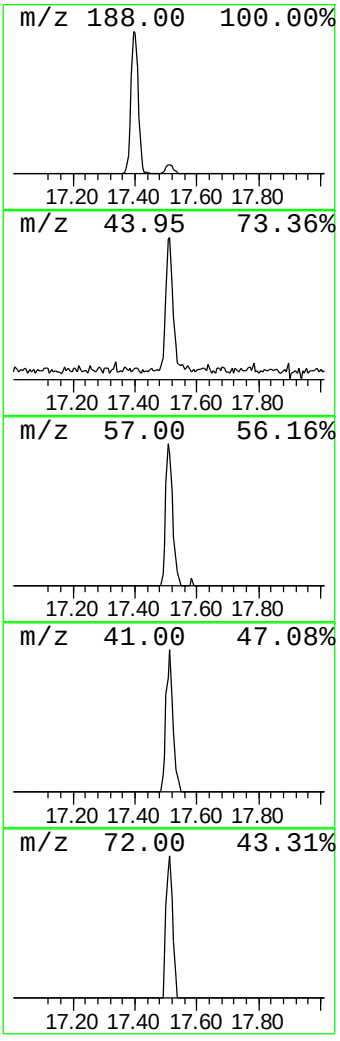
****

Peak Number 4 Thiourea, N,N'-dibutyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	3.69 ng	48578	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiourea, N,N'-dibutyl-	188	C9H20N2S	000109-46-6	96
2	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	35
3	4-Amino-5,8-dimethyl-2-quinolinol	188	C11H12N2O	1000260-93-1	30
4	4-Amino-6,8-dimethyl-2-quinolinol	188	C11H12N2O	1000260-93-0	30
5	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	27





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Sample : K1178-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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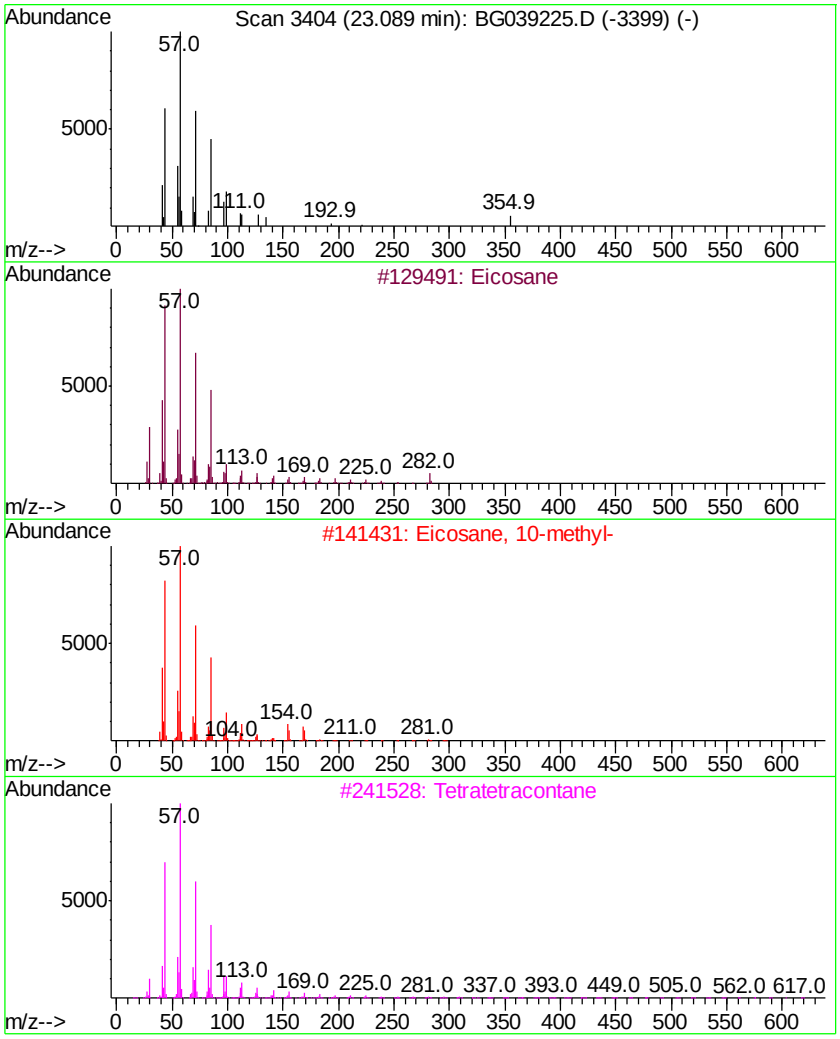
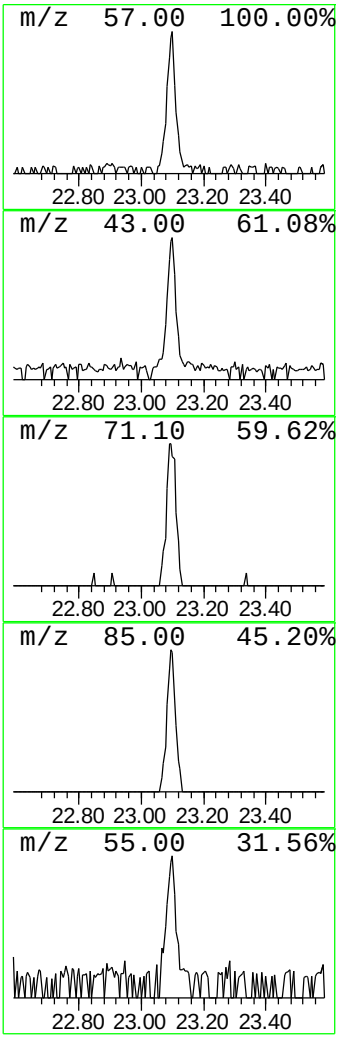
****

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	2.18 ng	31172	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	10-Methylnonadecane	282	C20H42	056862-62-5	68





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
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TIC Library : C:\Database\NIST11.L
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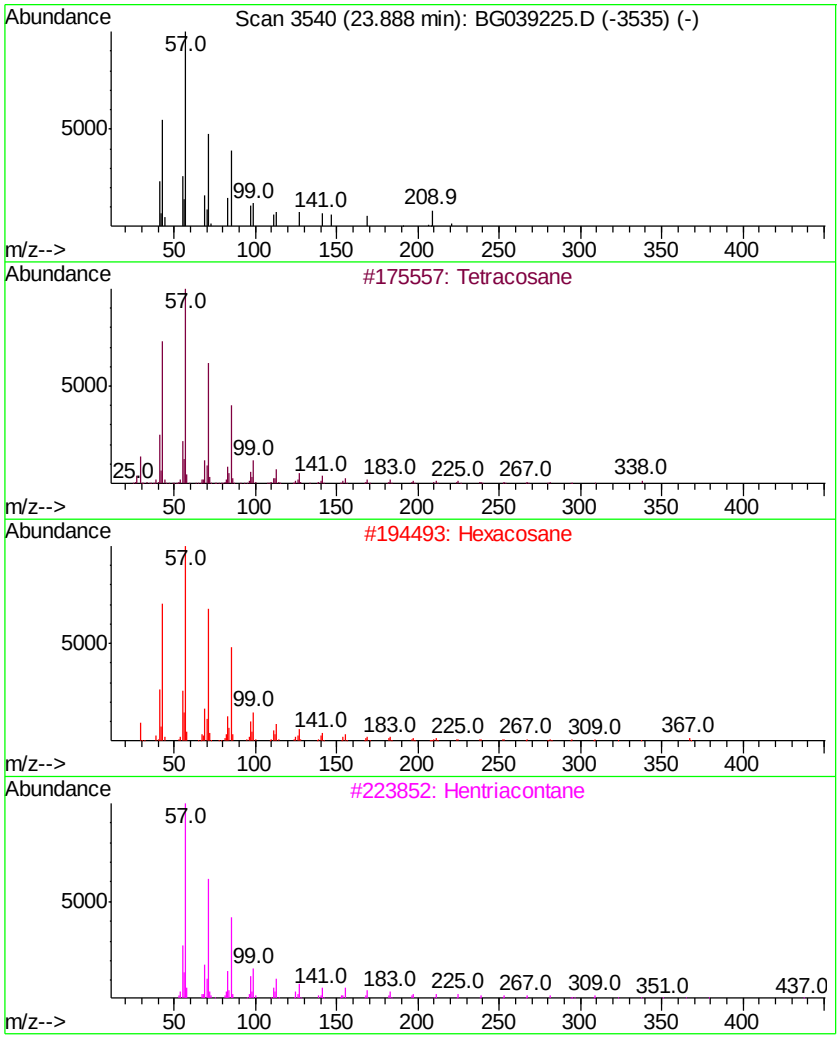
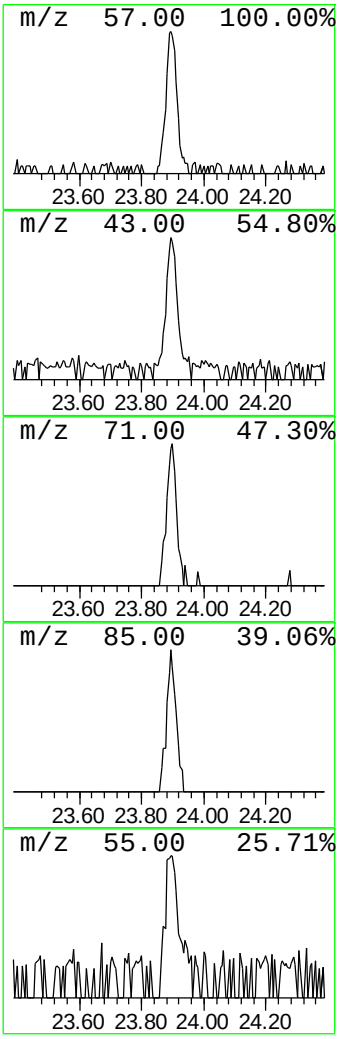
****

Peak Number 6 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.09 ng	29303	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Hexacosane	366	C26H54	000630-01-3	86
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Hexatriacontane	507	C36H74	000630-06-8	86





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-08

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TIC Library : C:\Database\NIST11.L
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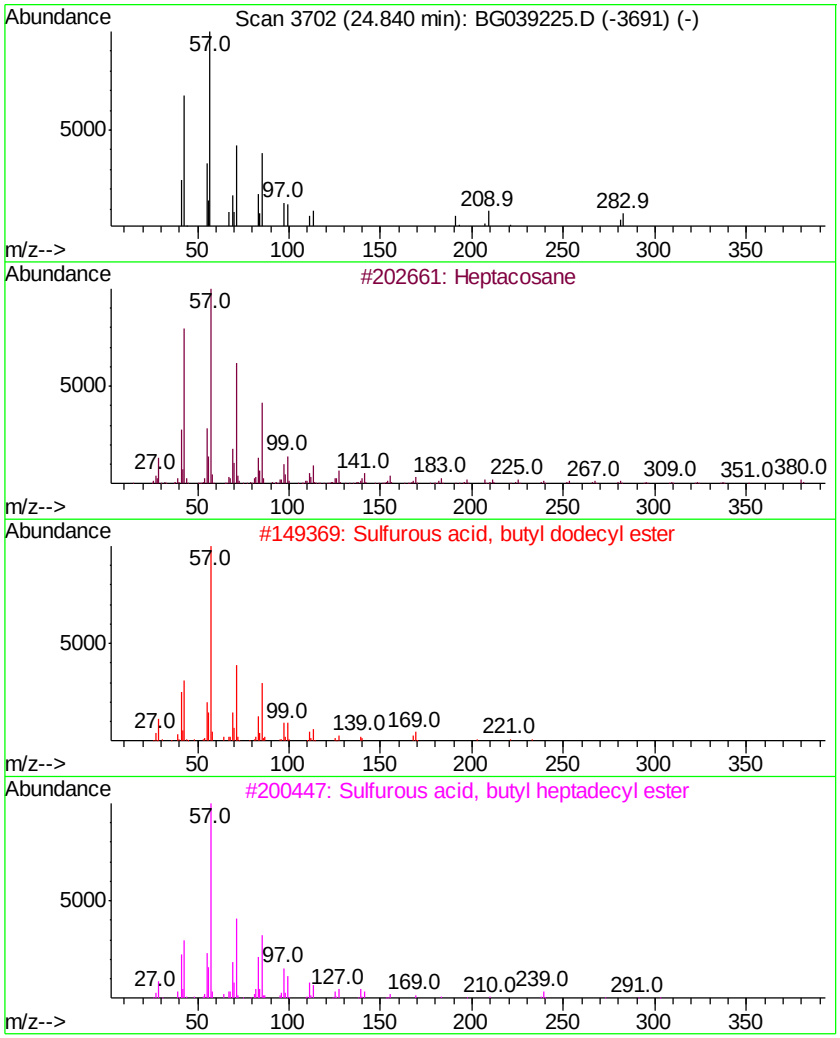
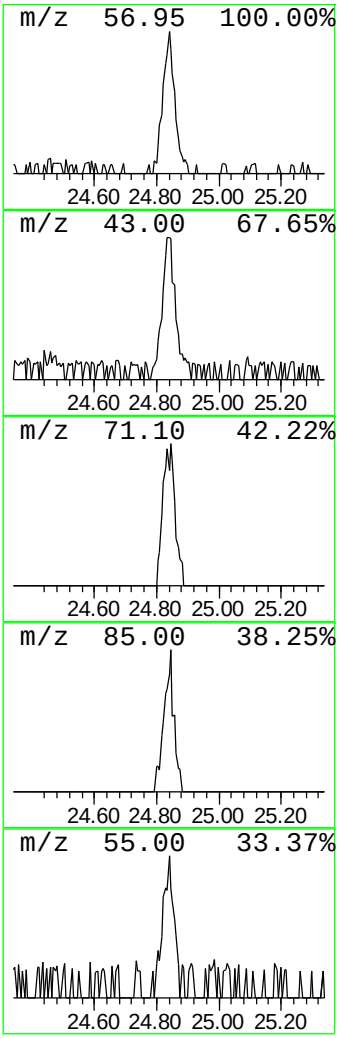
Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.84	2.01 ng	28164	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	3.13	7.9	ng	29865	1	8.01	75443	20.0
unknown7.54	7.54	86.9	ng	327706	1	8.01	75443	20.0
Thiourea, N,N'-di...	17.51	3.7	ng	48578	4	17.40	263530	20.0
Eicosane	23.09	2.2	ng	31172	5	21.67	285589	20.0
Tetracosane	23.89	2.1	ng	29303	6	24.93	280076	20.0
Heptacosane	24.84	2.0	ng	28164	6	24.93	280076	20.0