LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021110.D
Acq On : 27 Feb 2016 11:51
Operator : UM/SJ
Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

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-BG022616.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	5.258	407	412	418	rBB	6974	9180	1.40%	0.388%
2	5.551	458	462	468	rBB	12459	17381	2.65%	0.735%
3	5.722	485	491	497	rBB	43269	65934	10.07%	2.787%
4	7.308	755	761	767	rBB	26561	42428	6.48%	1.793%
5	7.696	820	827	834	rBB	90101	148767	22.72%	6.288%
6	8.166	901	907	913	rBB	19529	30494	4.66%	1.289%
7	8.489	956	962	969	rBB	86732	145398	22.21%	6.145%
8	9.329	1099	1105	1112	rBB	78469	132376	20.22%	5.595%
9	10.980	1379	1386	1392	rBB	27288	47048	7.19%	1.989%
10	13.401	1792	1798	1805	rBB	205339	318740	48.69%	13.472%
11	14.218	1932	1937	1942	rBB2	13991	19163	2.93%	0.810%
12	14.770	2026	2031	2038	rBB2	43408	68728	10.50%	2.905%
13	15.604	2167	2173	2176	rVB2	7200	9469	1.45%	0.400%
14	16.251	2276	2283	2289	rBV	188014	267815	40.91%	11.319%
15	16.456	2314	2318	2322	rBV2	7398	10602	1.62%	0.448%
16	17.508	2491	2497	2504	rBB	68767	99336	15.17%	4.198%
17	18.378	2641	2645	2652	rVB3	8498	10081	1.54%	0.426%
18	19.635	2856	2859	2866	rBV2	6973	9093	1.39%	0.384%
19	20.099	2932	2938	2943	rBV	501095	654697	100.00%	27.671%
20	21.398	3156	3159	3164	rBV3	8476	11687	1.79%	0.494%
21	21.774	3216	3223	3230	rBV	86577	137017	20.93%	5.791%
22	25.058	3773	3782	3791	rVB	42072	110566	16.89%	4.673%

Sum of corrected areas: 2366000

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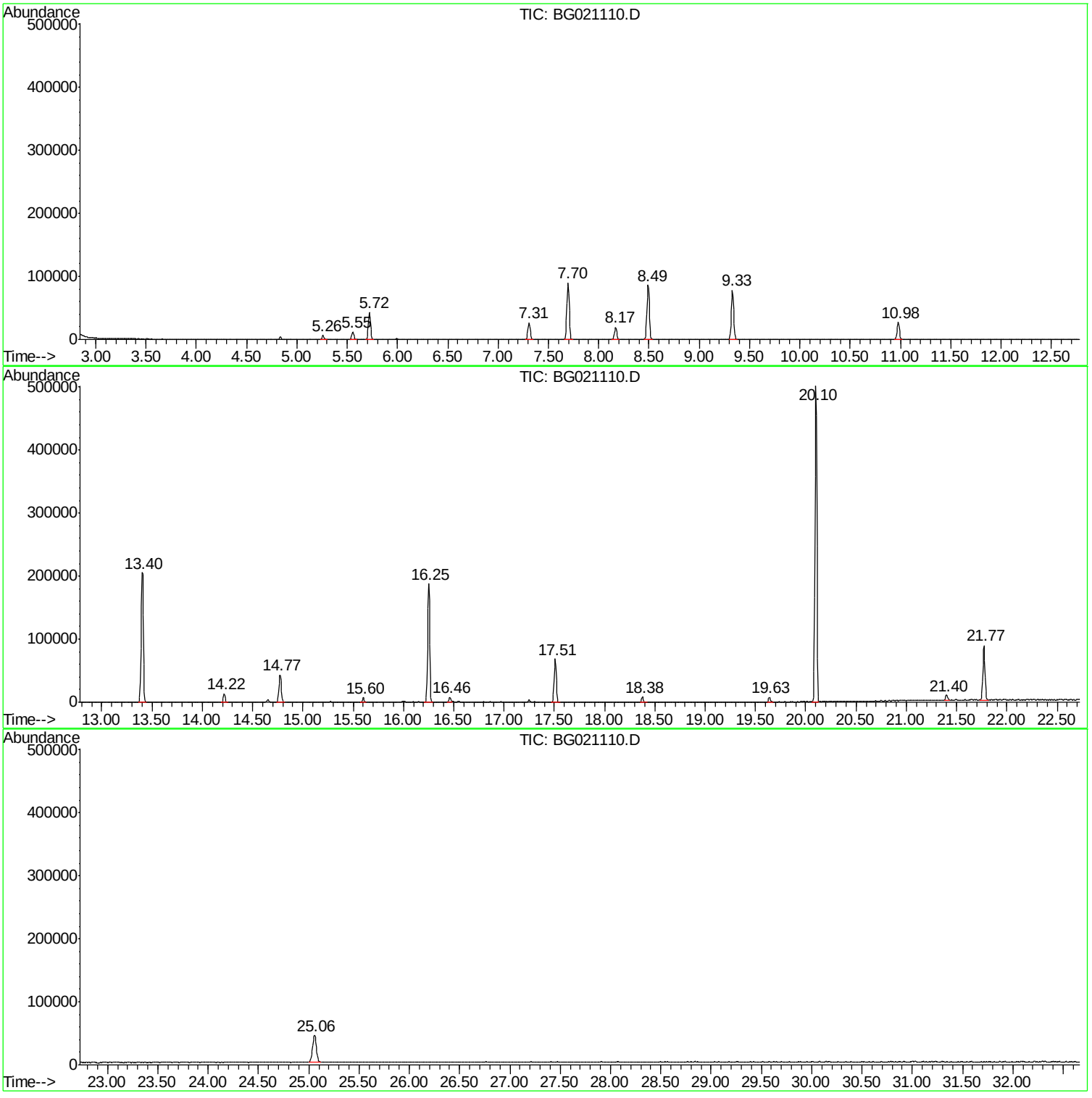
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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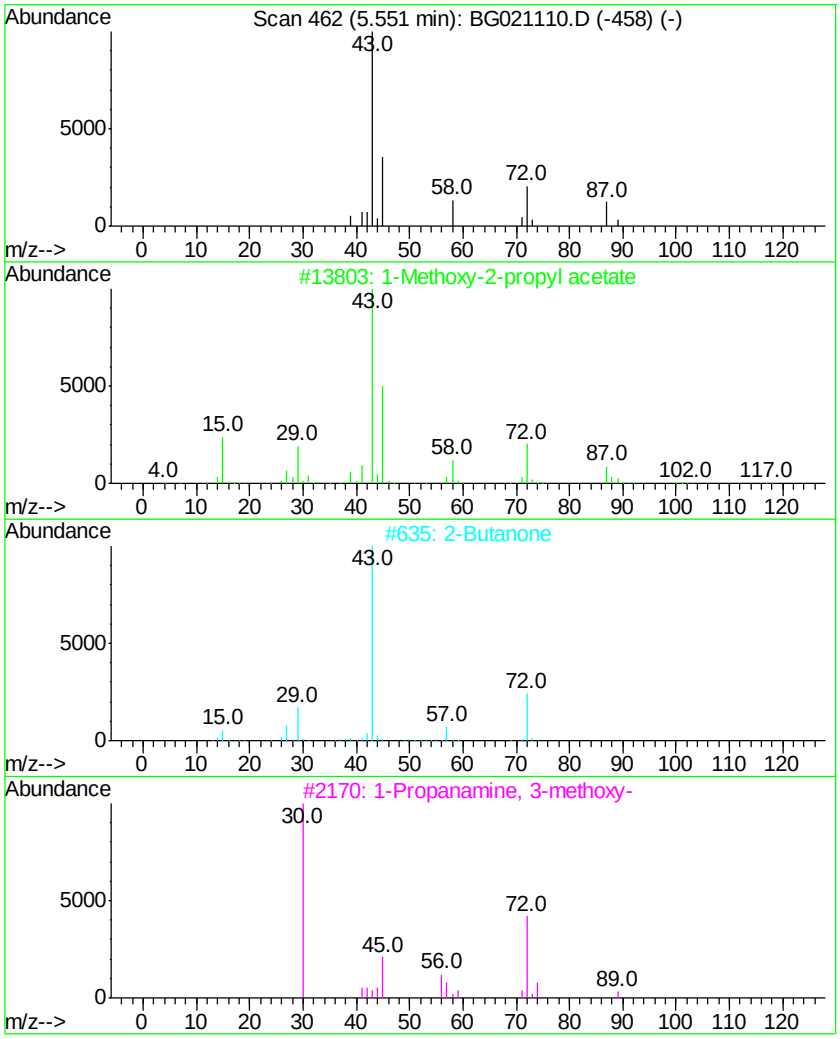
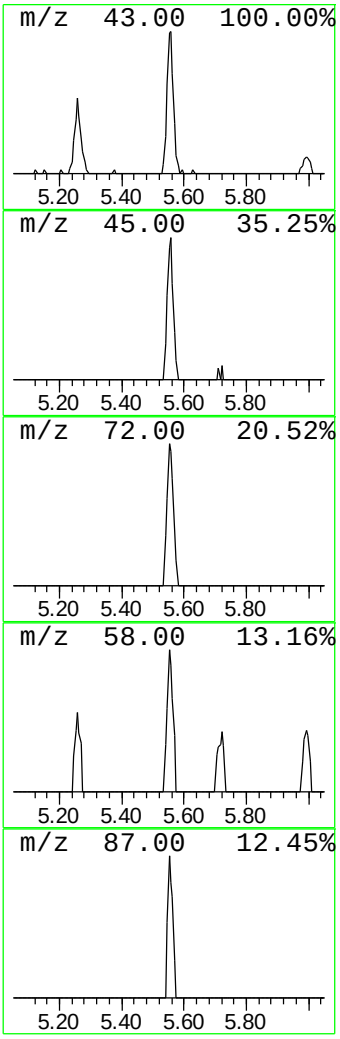
Peak Number 2 1-Methoxy-2-propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	11.40 ng	17381	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	78
2	2-Butanone	72	C4H8O	000078-93-3	7
3	1-Propanamine, 3-methoxy-	89	C4H11NO	005332-73-0	7
4	4-Amino-1-butanol	89	C4H11NO	013325-10-5	5
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021110.D
Acq On : 27 Feb 2016 11:51
Operator : UM/SJ
Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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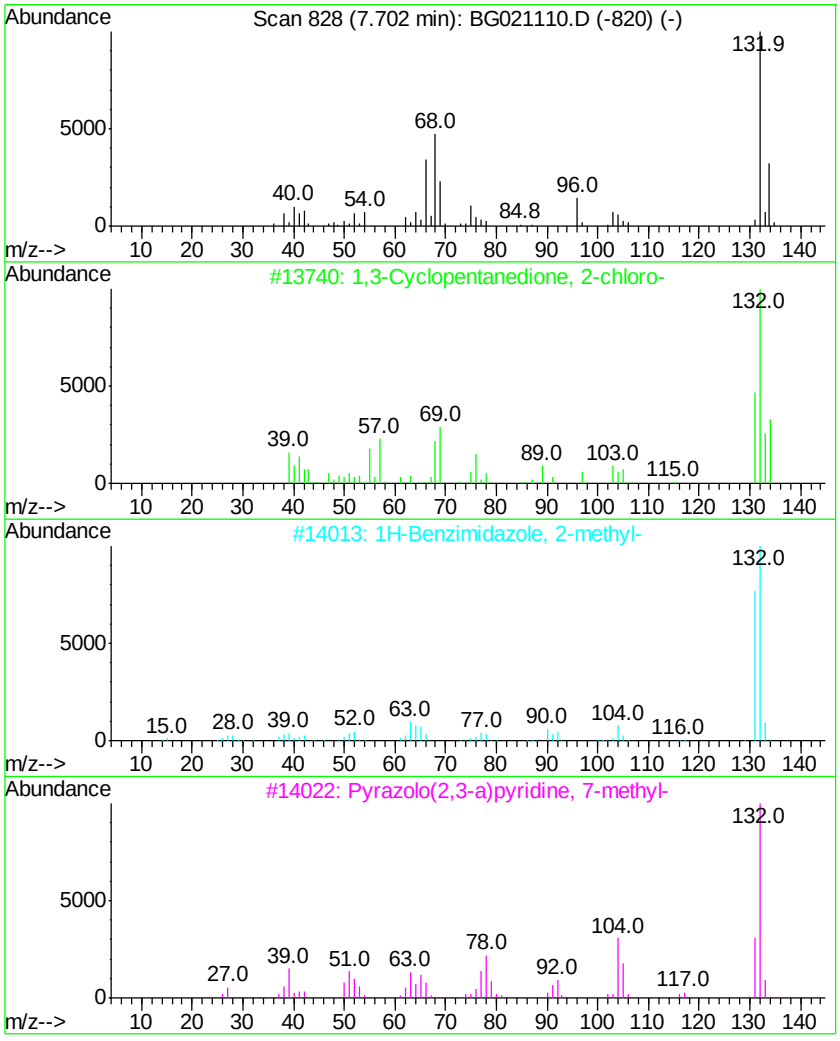
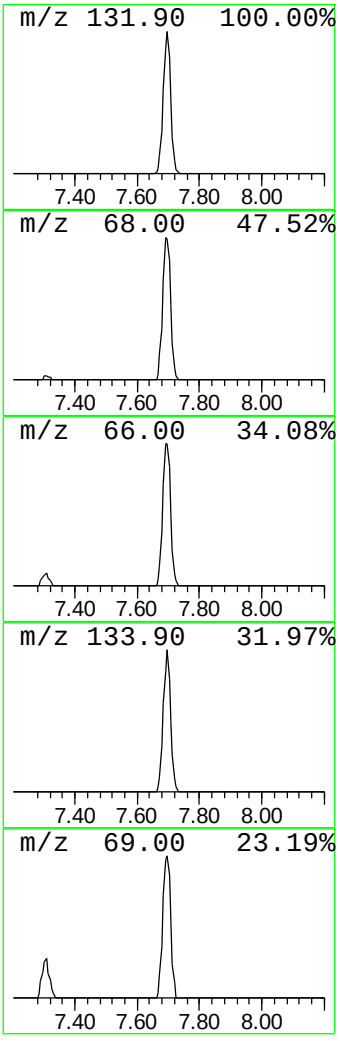
Peak Number 3 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	97.57 ng	148767	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10





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Acq On : 27 Feb 2016 11:51
Operator : UM/SJ
Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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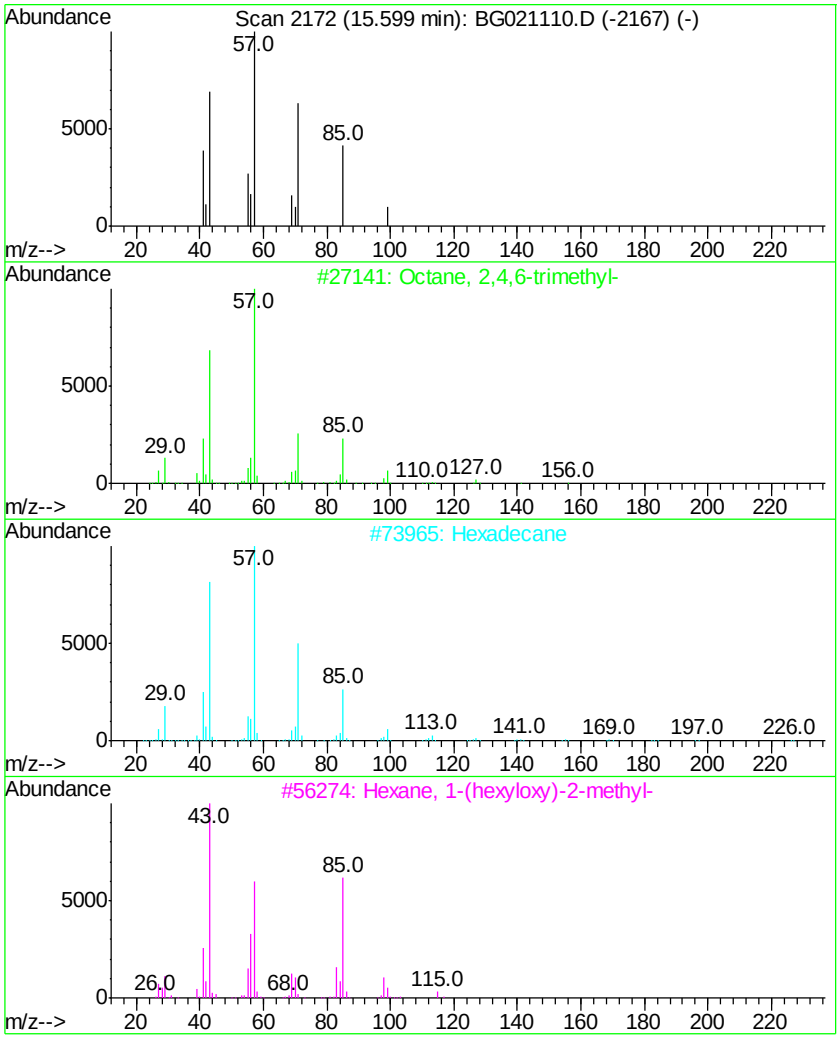
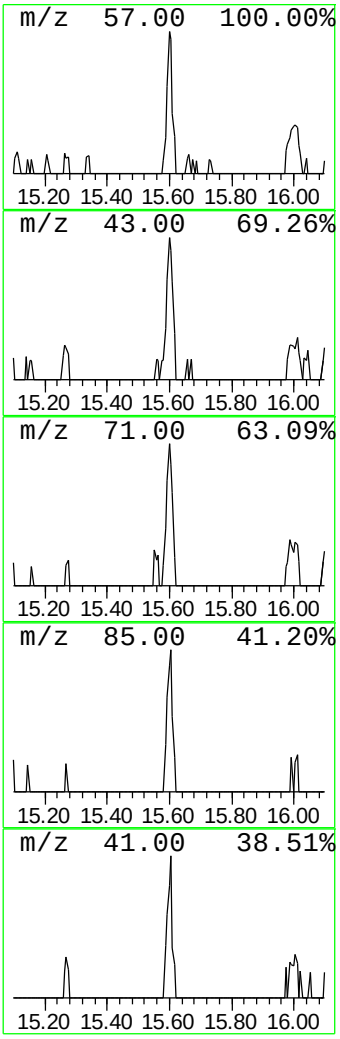
Peak Number 5 Octane, 2,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.76 ng	9469	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	47
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	42
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	40





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Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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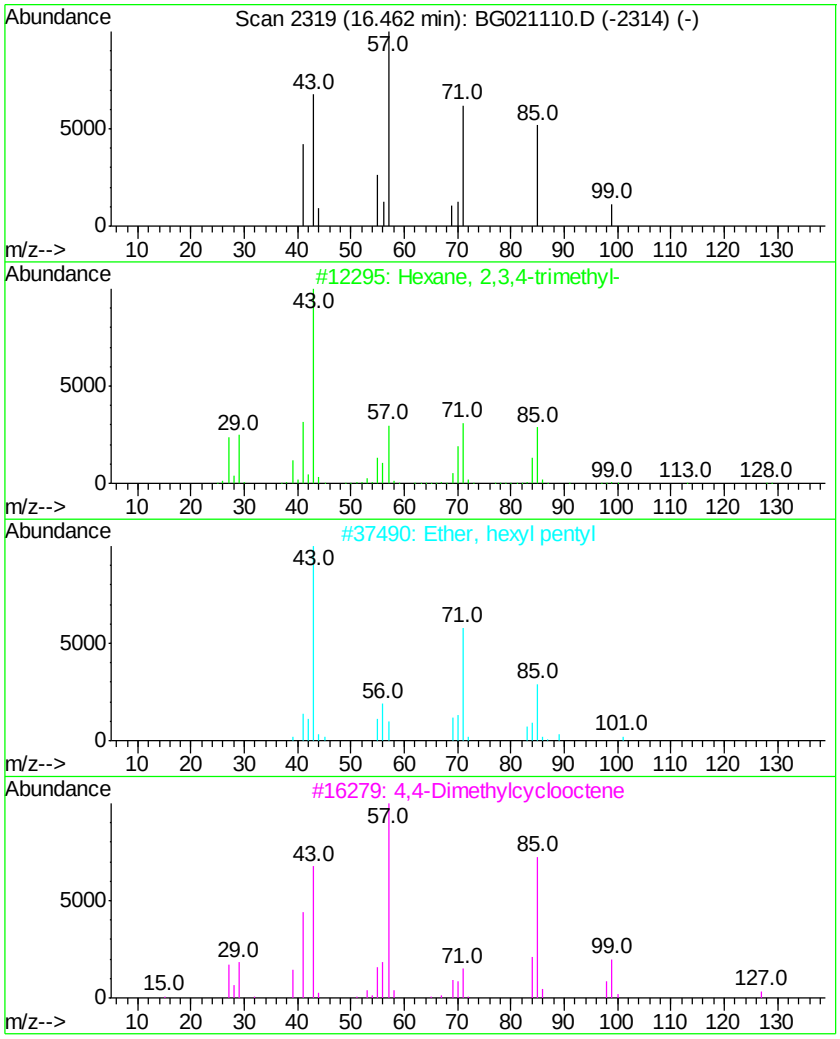
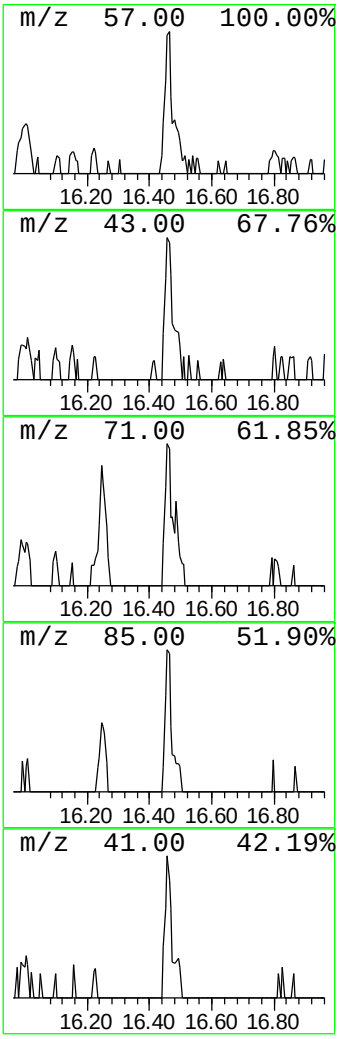
Peak Number 6 Hexane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.13 ng	10602	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	64
4	Hexadecane	226	C16H34	000544-76-3	56
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Operator : UM/SJ
Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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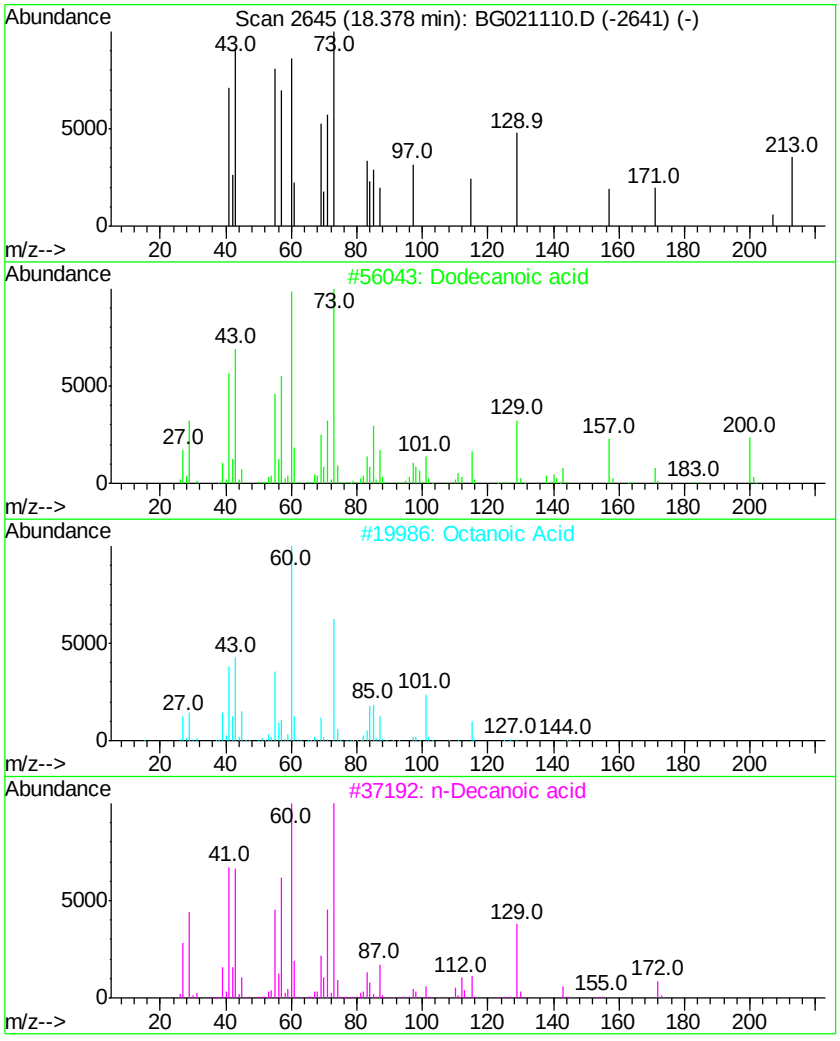
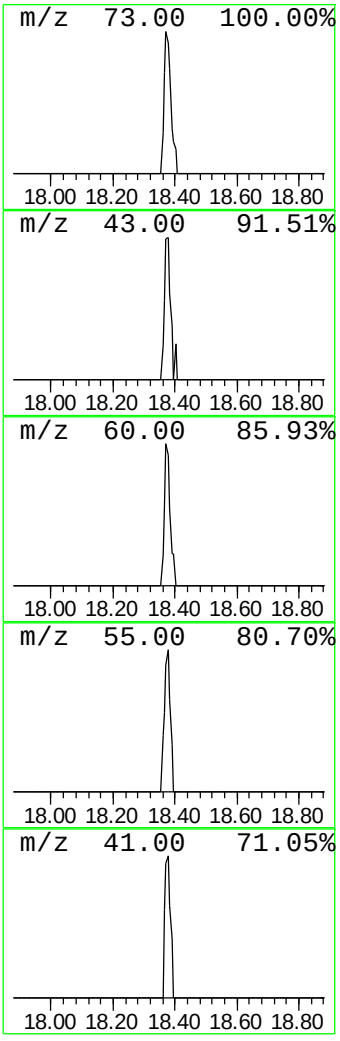
Peak Number 7 unknown18.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.03 ng	10081	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	45
2	Octanoic Acid	144	C8H16O2	000124-07-2	43
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Undecanoic acid	186	C11H22O2	000112-37-8	40
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	38





Tentatively Identified Compound (LSC) summary

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Sample : H1577-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-MW1-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Methoxy-2-propy...	5.55	11.4	ng	17381	1	8.17	30494	20.0
unknown7.70	7.70	97.6	ng	148767	1	8.17	30494	20.0
Octane, 2,4,6-tri...	15.60	2.8	ng	9469	3	14.77	68728	20.0
Hexane, 2,3,4-tri...	16.46	2.1	ng	10602	4	17.51	99336	20.0
unknown18.38	18.38	2.0	ng	10081	4	17.51	99336	20.0