LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

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-BG022916.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	3.066	34	39	61	rVB	1026601	1395944	100.00%	23.625%
2	3.366	81	90	99	rBV	38009	69741	5.00%	1.180%
3	3.824	164	168	175	rBV	44472	64071	4.59%	1.084%
4	5.240	403	409	417	rVB	44347	65869	4.72%	1.115%
5	5.704	481	488	496	rVB	202271	311075	22.28%	5.265%
6	7.297	752	759	767	rBV	226353	378661	27.13%	6.409%
7	7.679	817	824	832	rVB	205778	346340	24.81%	5.862%
8	8.149	898	904	911	rBV	32378	53626	3.84%	0.908%
9	8.472	952	959	967	rBV	126475	219643	15.73%	3.717%
10	9.312	1095	1102	1110	rVB	132491	231054	16.55%	3.910%
11	10.957	1376	1382	1390	rBV	52158	92379	6.62%	1.563%
12	13.384	1788	1795	1804	rBB	332363	502264	35.98%	8.500%
13	14.200	1928	1934	1941	rBV	51426	72789	5.21%	1.232%
14	14.759	2022	2029	2035	rVB2	93966	145641	10.43%	2.465%
15	15.581	2165	2169	2174	rVB	13187	15846	1.14%	0.268%
16	16.233	2274	2280	2288	rVB	309789	458061	32.81%	7.752%
17	16.439	2310	2315	2322	rBV	13838	23427	1.68%	0.396%
18	17.491	2488	2494	2500	rBV	133833	195842	14.03%	3.314%
19	20.082	2930	2935	2941	rBV	645135	834301	59.77%	14.120%
20	21.374	3151	3155	3166	rVB4	14596	22793	1.63%	0.386%
21	21.750	3214	3219	3227	rVB	134001	216096	15.48%	3.657%
22	25.029	3766	3777	3785	rBV3	70346	193213	13.84%	3.270%

Sum of corrected areas: 5908676

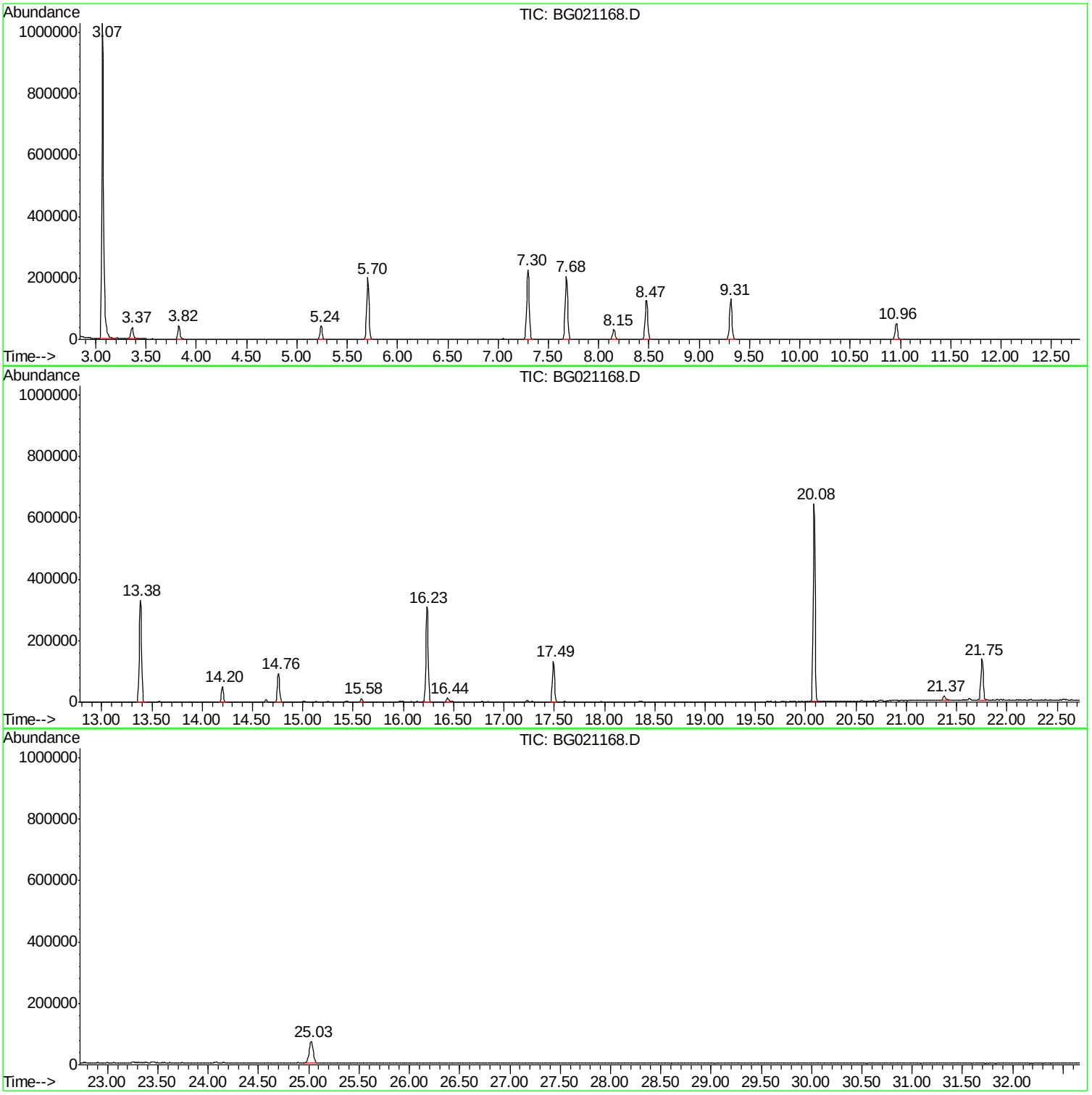
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

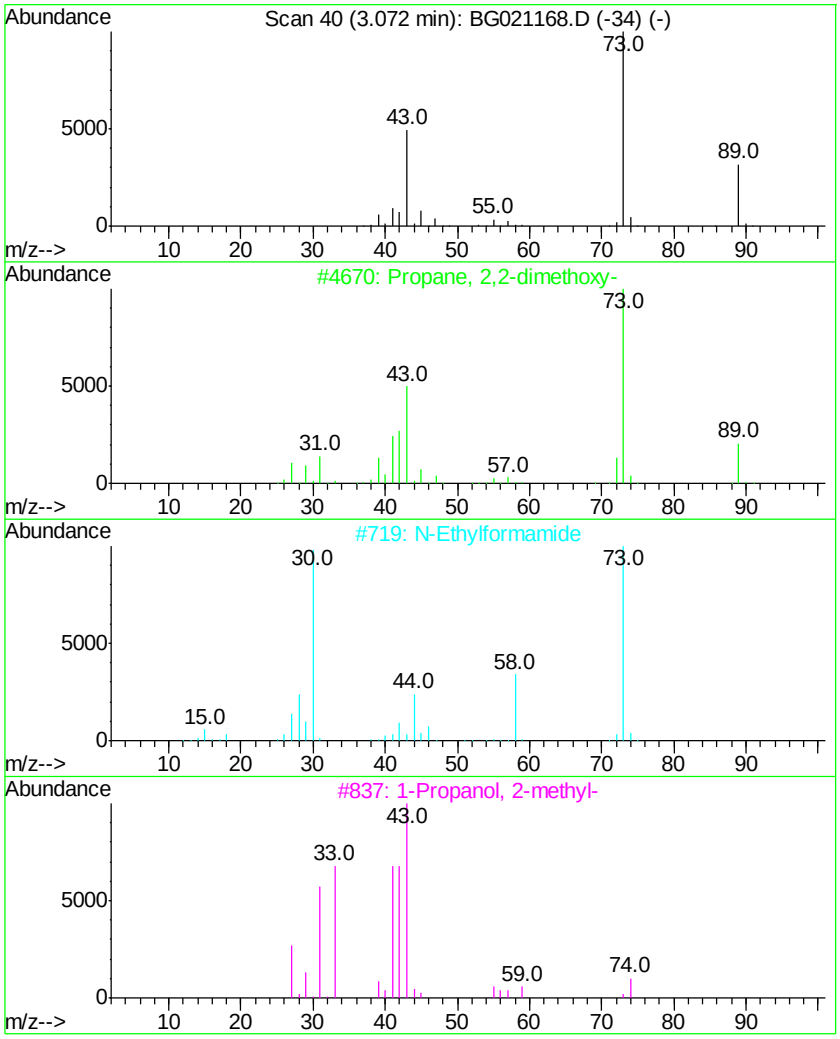
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

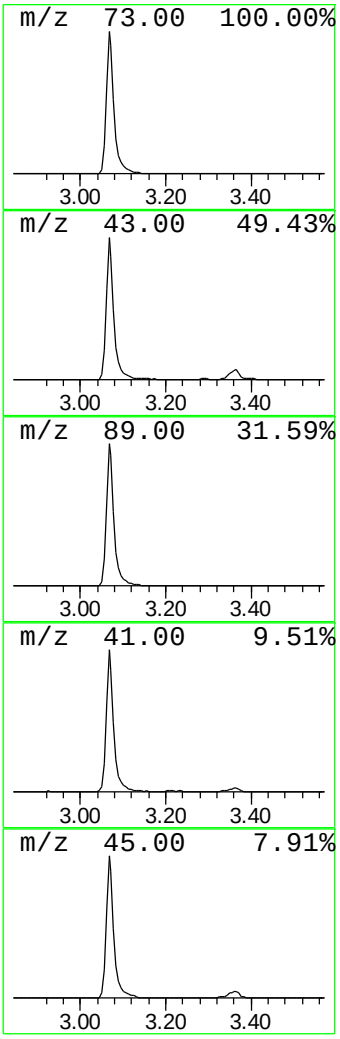
****

Peak Number 1 unknown3.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	520.62 ng	1395940	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

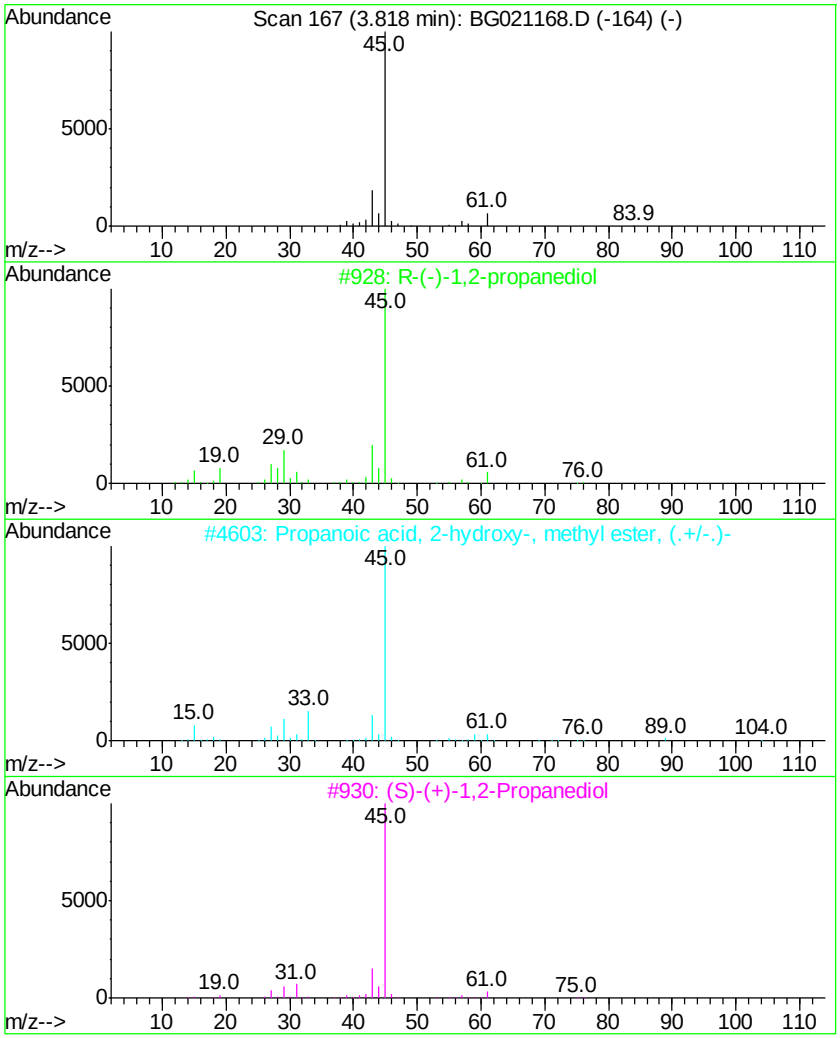
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

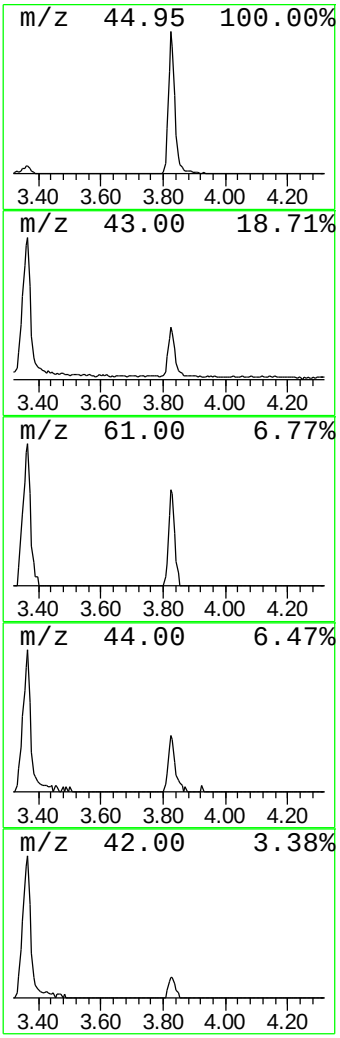
****

Peak Number 3 unknown3.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	23.90 ng	64071	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

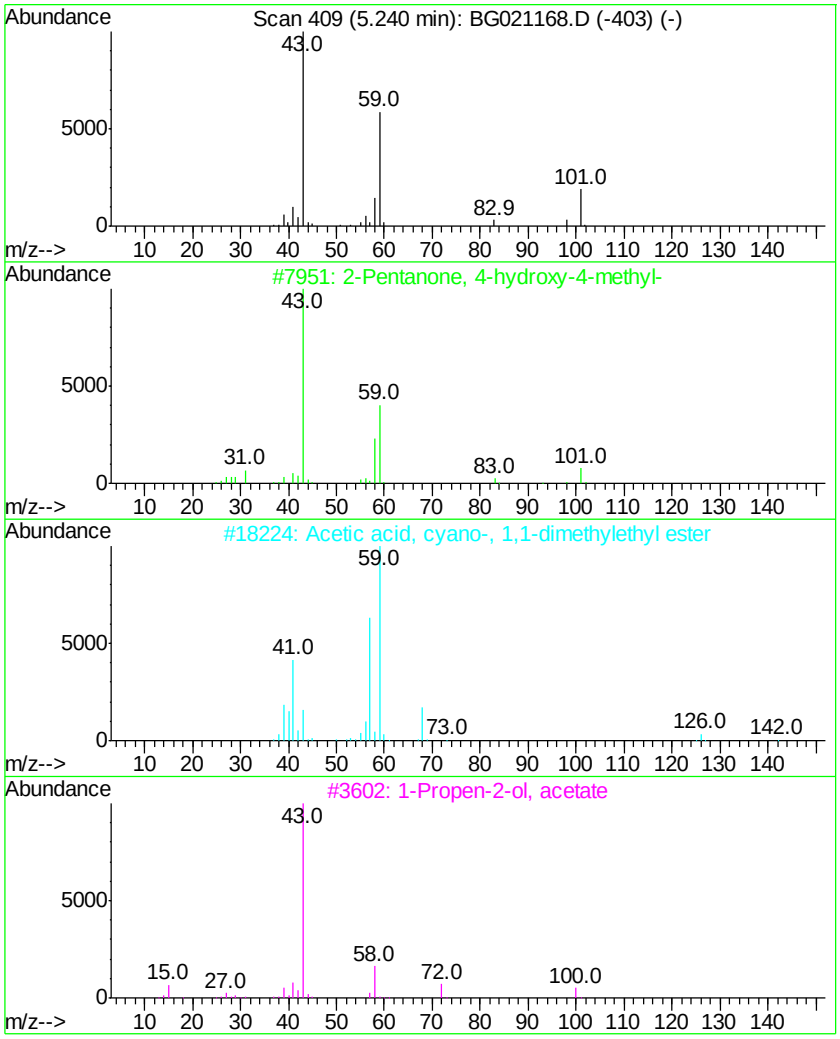
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

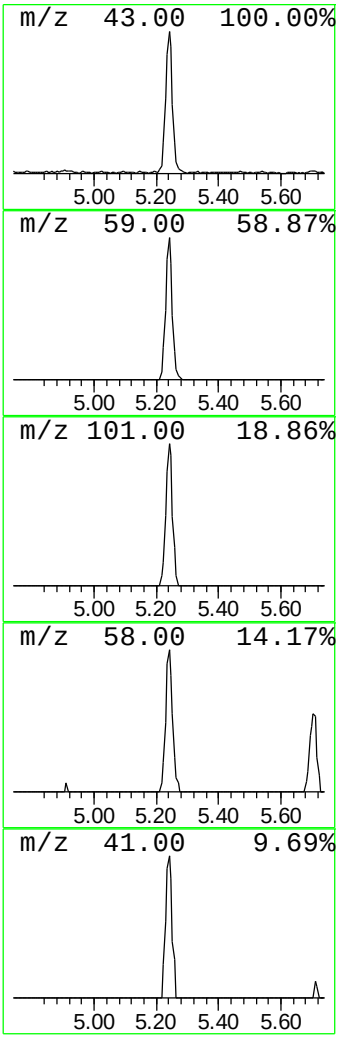
****

Peak Number 4 unknown5.24 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	24.57 ng	65869	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

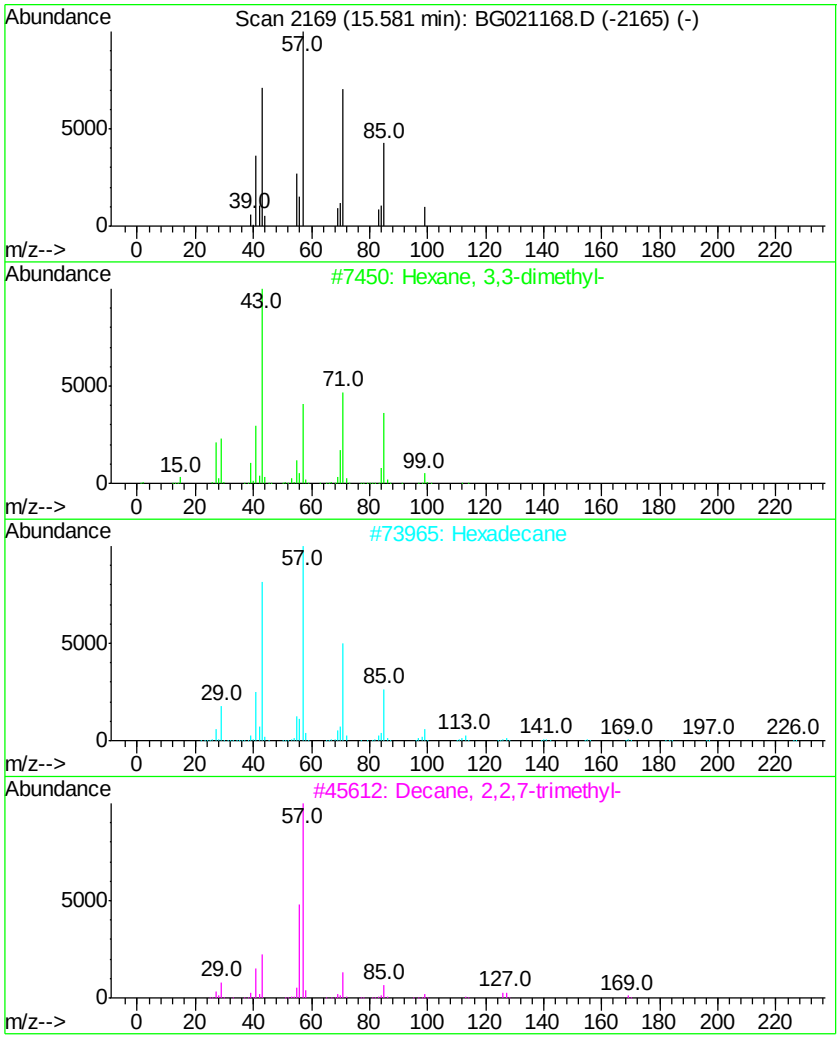
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

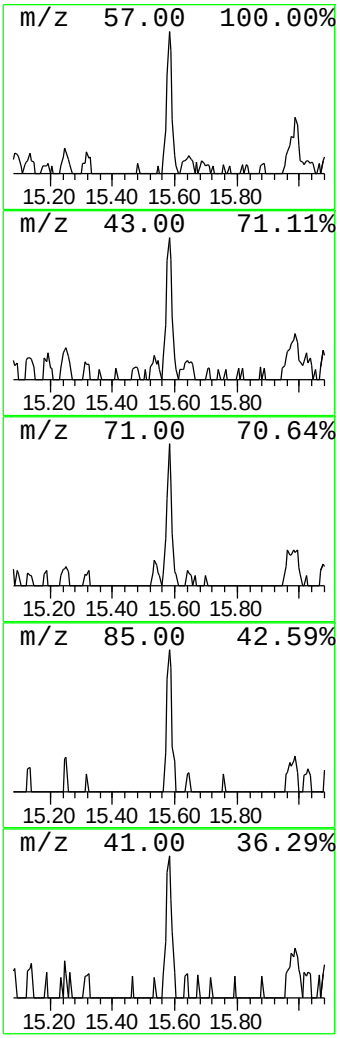
****

Peak Number 7 Hexane, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.18 ng	15846	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
2	Hexadecane	226	C16H34	000544-76-3	50
3	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	45
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	45
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021168.D
Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

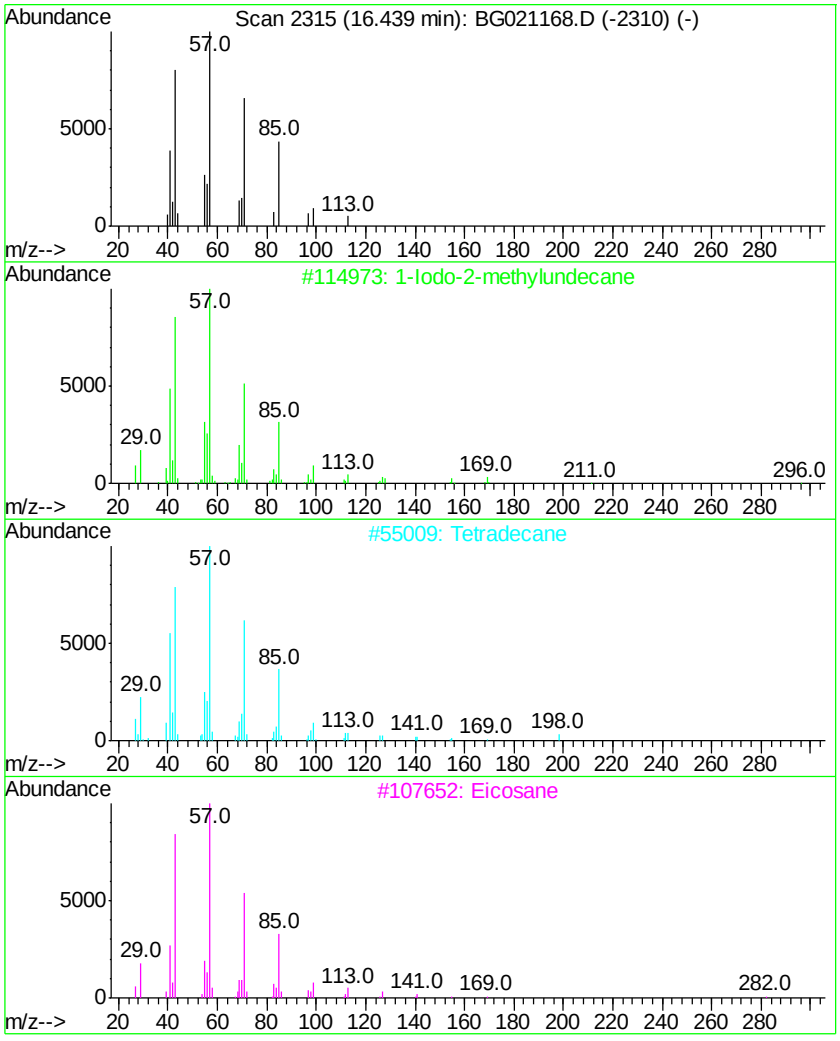
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

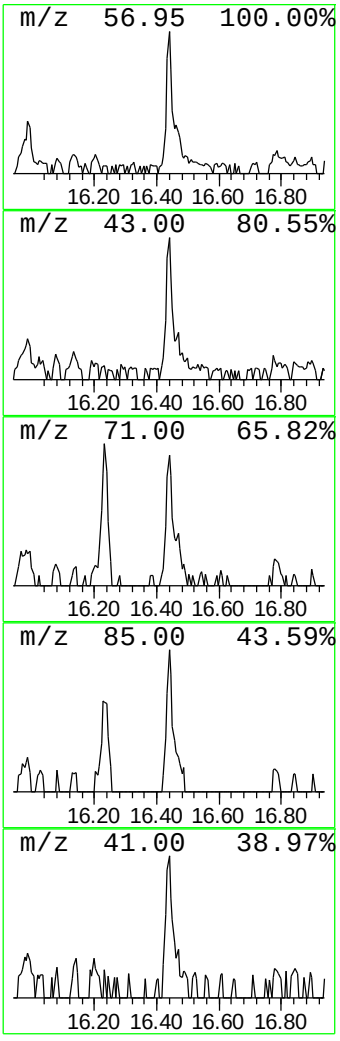
****

Peak Number 8 1-Iodo-2-methylundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.39 ng	23427	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
2	Tetradecane	198	C14H30	000629-59-4	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	78
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
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Acq On : 29 Feb 2016 23:30
Operator : UM/SJ
Sample : H1604-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUMS-242-324-COMPOSITE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

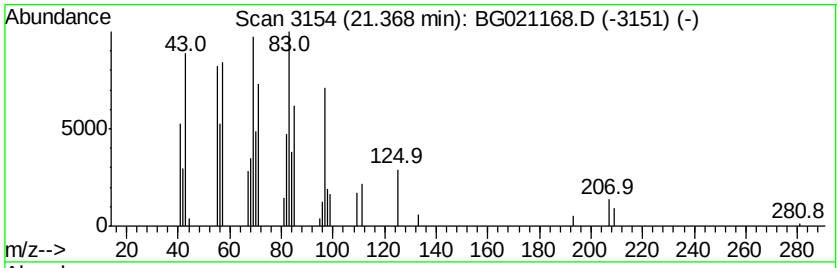
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

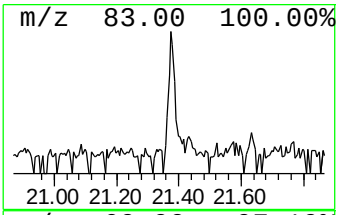
****

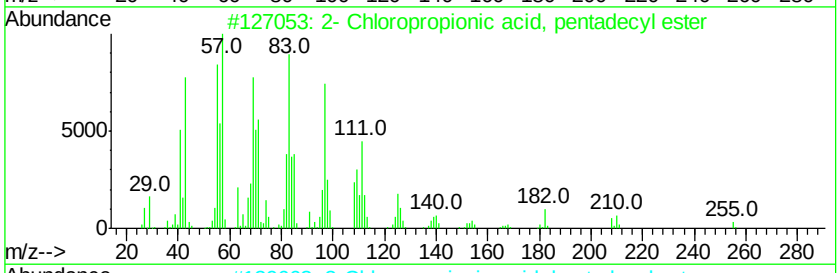
Peak Number 9 2- Chloropropionic acid, pe... Concentration Rank 9

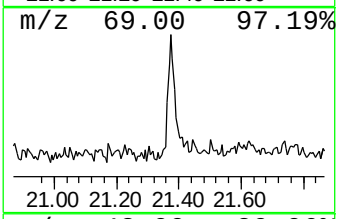
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.11 ng	22793	Chrysene-d12	21.75

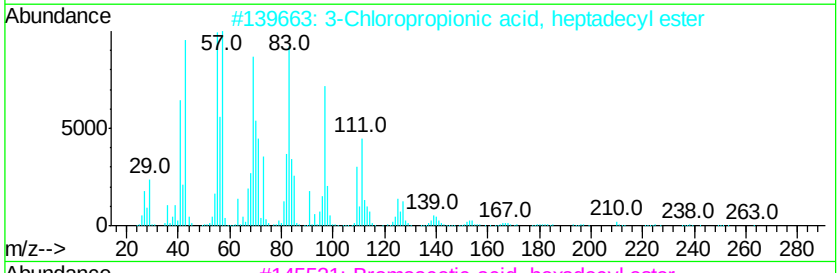
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	90
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
4	Cyclohexadecane	224	C16H32	000295-65-8	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87

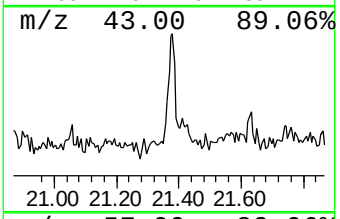


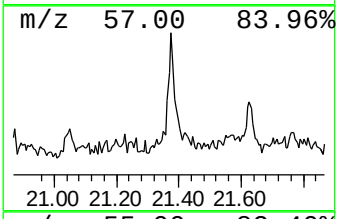


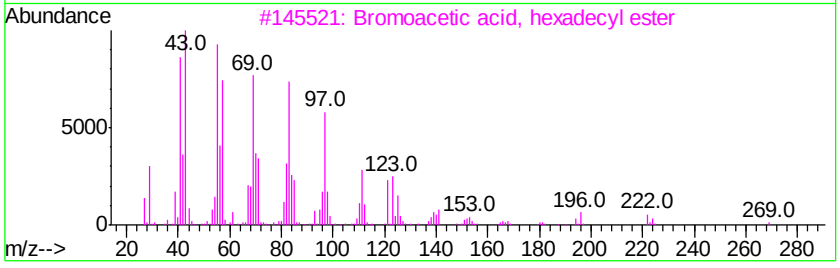


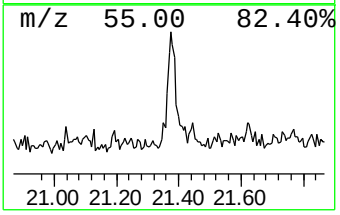












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022916\
Data File : BG021168.D
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Operator : UM/SJ
Sample : H1604-01
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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
unknown3.07	3.07	520.6	ng	1395940	1	8.15	53626	20.0
unknown3.82	3.82	23.9	ng	64071	1	8.15	53626	20.0
unknown5.24	5.24	24.6	ng	65869	1	8.15	53626	20.0
Hexane, 3,3-dimet...	15.58	2.2	ng	15846	3	14.76	145641	20.0
1-Iodo-2-methylun...	16.44	2.4	ng	23427	4	17.49	195842	20.0
2- Chloropropioni...	21.37	2.1	ng	22793	5	21.75	216096	20.0