LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016933.D
Acq On : 7 May 2015 22:59
Operator : TP/IZ
Sample : G2057-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWUNK-1

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-BG050515.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	2.773	11	14	19	rVB2	48744	66423	1.33%	0.240%
2	2.925	35	40	49	rBV	412584	722493	14.48%	2.607%
3	3.002	49	53	63	rVB	848833	1074144	21.53%	3.876%
4	3.296	99	103	110	rBV	159775	212010	4.25%	0.765%
5	4.917	374	379	386	rVB2	55424	79109	1.59%	0.285%
6	5.375	451	457	468	rBV	749897	1124829	22.55%	4.059%
7	6.962	720	727	736	rBV	592927	946433	18.97%	3.415%
8	7.326	782	789	799	rVB	1340780	2167101	43.44%	7.819%
9	7.796	862	869	879	rBV	285533	466987	9.36%	1.685%
10	8.119	915	924	933	rBV	1102000	1762041	35.32%	6.358%
11	8.954	1055	1066	1074	rBV	1037232	1725187	34.58%	6.225%
12	10.587	1334	1344	1351	rBV	382706	651596	13.06%	2.351%
13	13.055	1757	1764	1771	rBV	2375202	3661644	73.40%	13.212%
14	14.435	1992	1999	2006	rBV2	592011	883520	17.71%	3.188%
15	15.922	2244	2252	2267	rBV	2145544	3003002	60.20%	10.835%
16	17.179	2459	2466	2471	rBV2	752172	1078748	21.62%	3.892%
17	17.303	2478	2487	2492	rBV6	57585	106174	2.13%	0.383%
18	19.806	2907	2913	2921	rBV	3964800	4988710	100.00%	18.000%
19	21.081	3126	3130	3138	rVB	318394	335893	6.73%	1.212%
20	21.274	3160	3163	3168	rVB2	43274	52143	1.05%	0.188%
21	21.357	3171	3177	3188	rVB	922785	1228543	24.63%	4.433%
22	21.962	3275	3280	3286	rBV	219987	261542	5.24%	0.944%
23	23.654	3561	3568	3578	rBV	571862	1116696	22.38%	4.029%

Sum of corrected areas: 27714968

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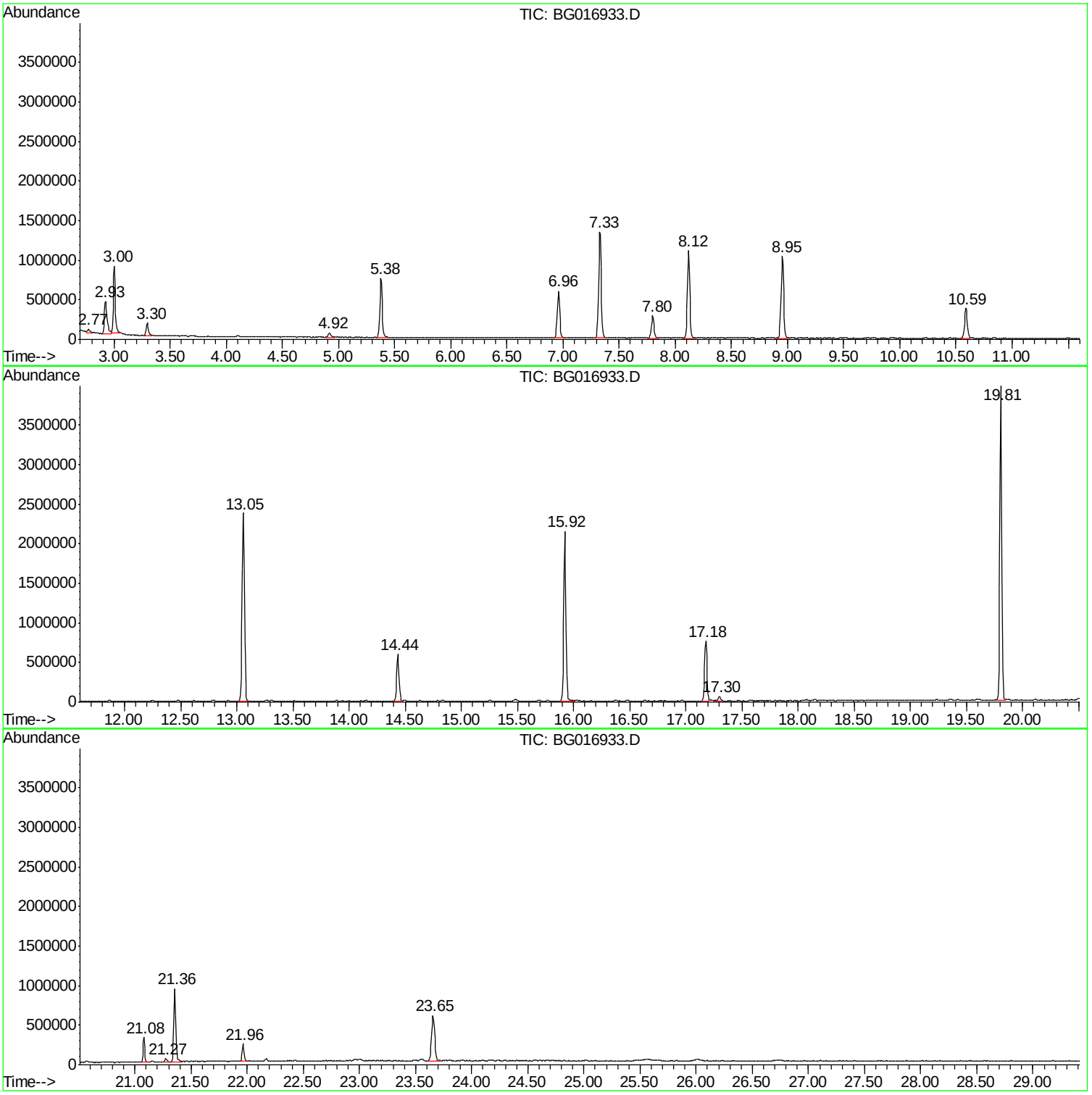
Instrument :
BNA_G
ClientSampleId :
MWUNK-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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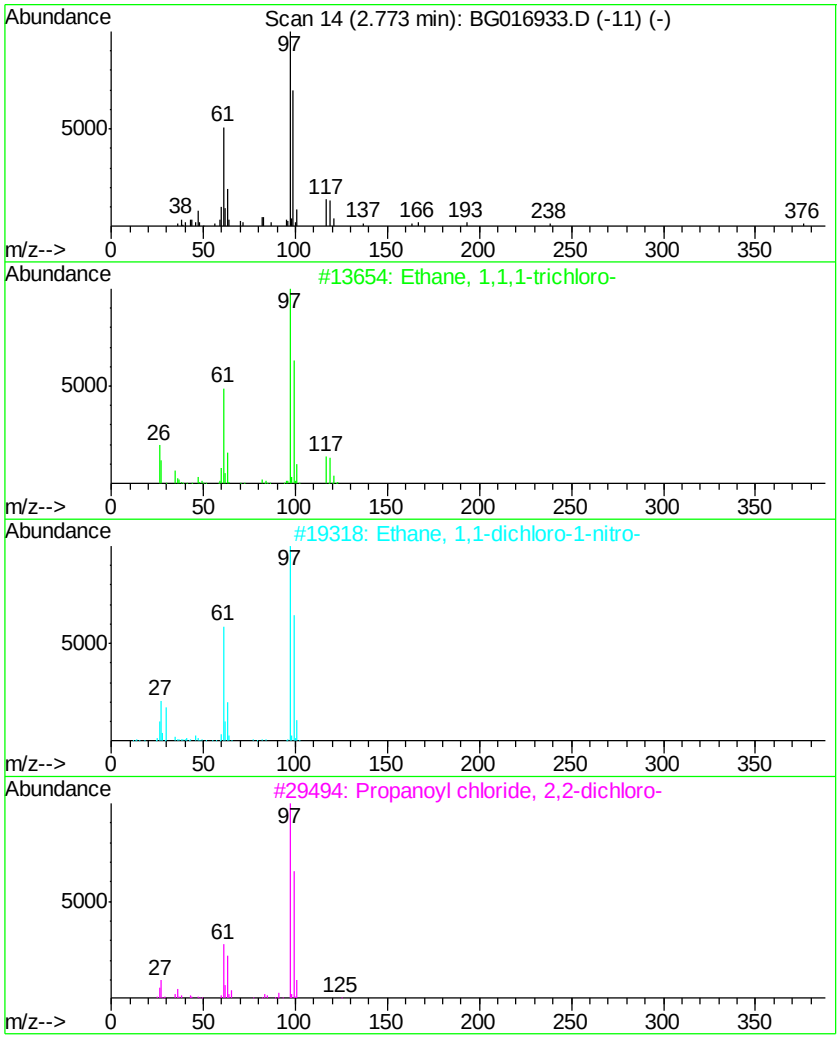
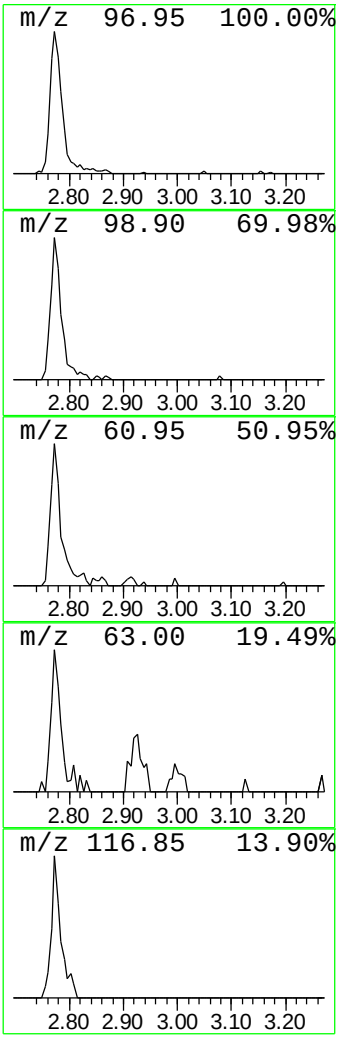
****

Peak Number 1 Ethane, 1,1,1-trichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	2.84 ng	66423	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	90
2	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	72
3	Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	38
4	Aluminum, di-.mu.-chlorotetrachl...	264	Al2Cl6	013845-12-0	38
5	Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016933.D
Acq On : 7 May 2015 22:59
Operator : TP/IZ
Sample : G2057-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWUNK-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

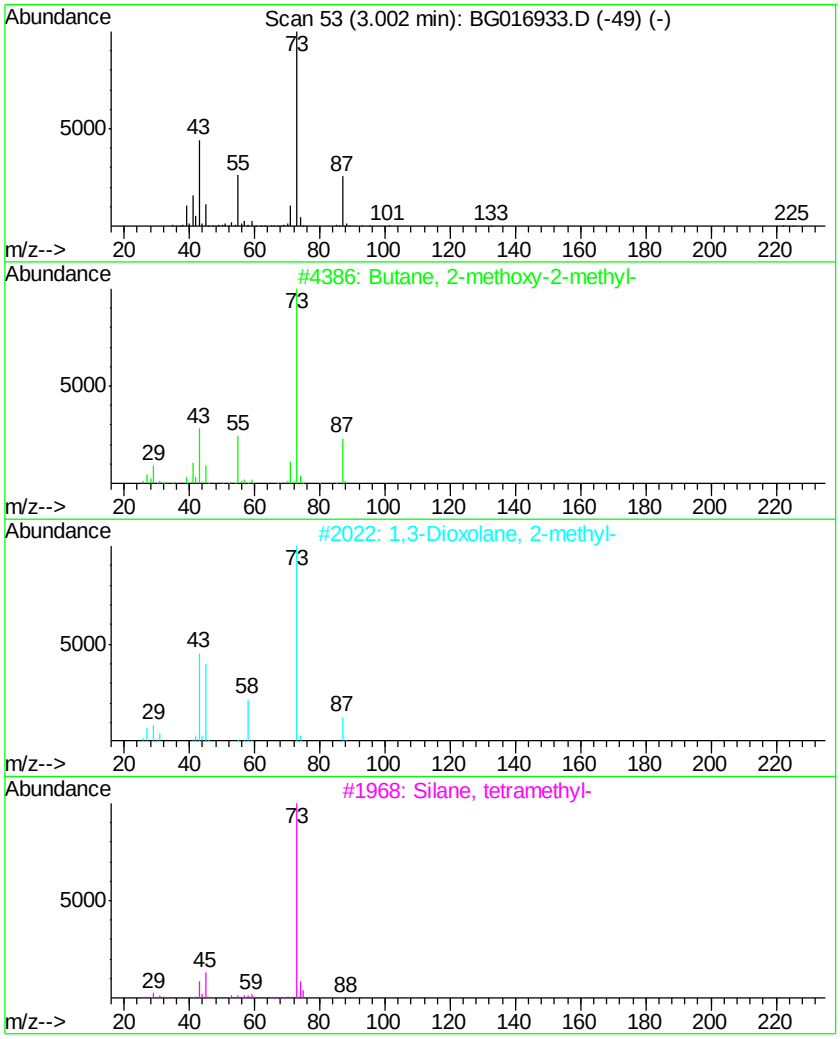
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

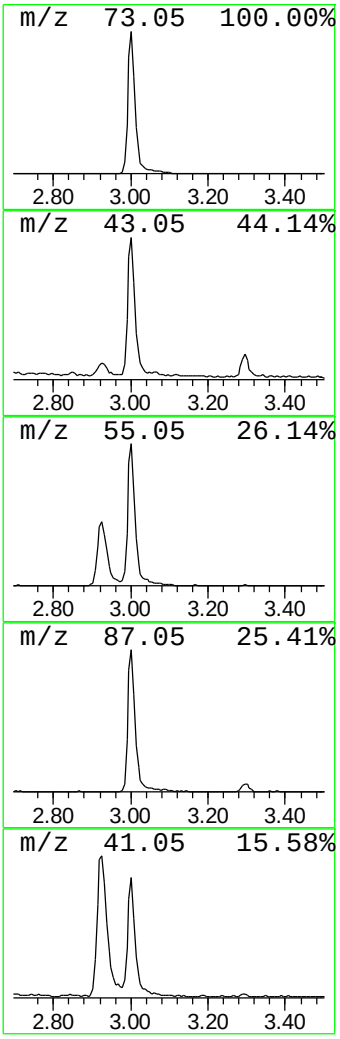
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	46.00 ng	1074140	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Operator : TP/IZ
Sample : G2057-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWUNK-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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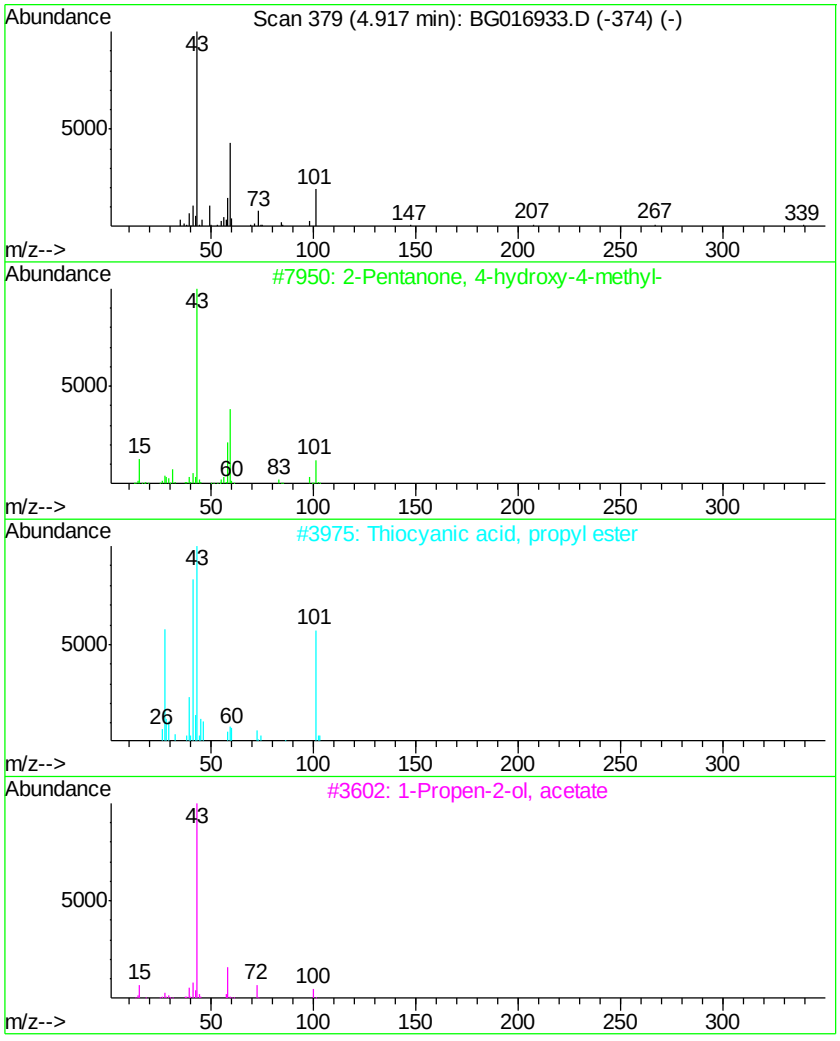
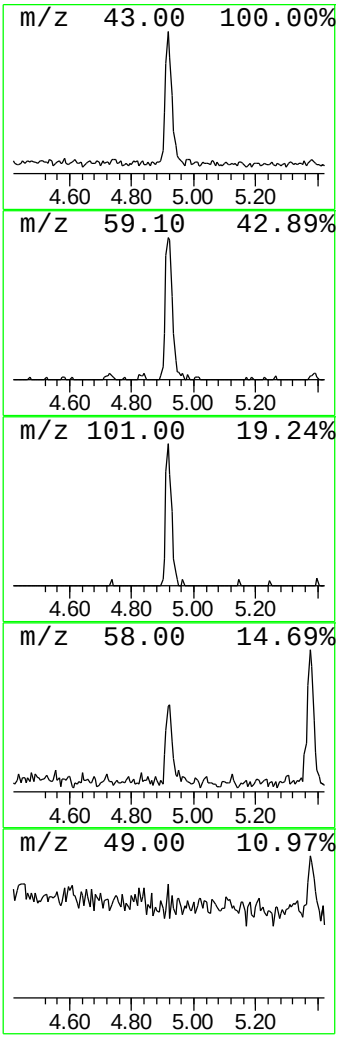
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.39 ng	79109	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





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Sample : G2057-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWUNK-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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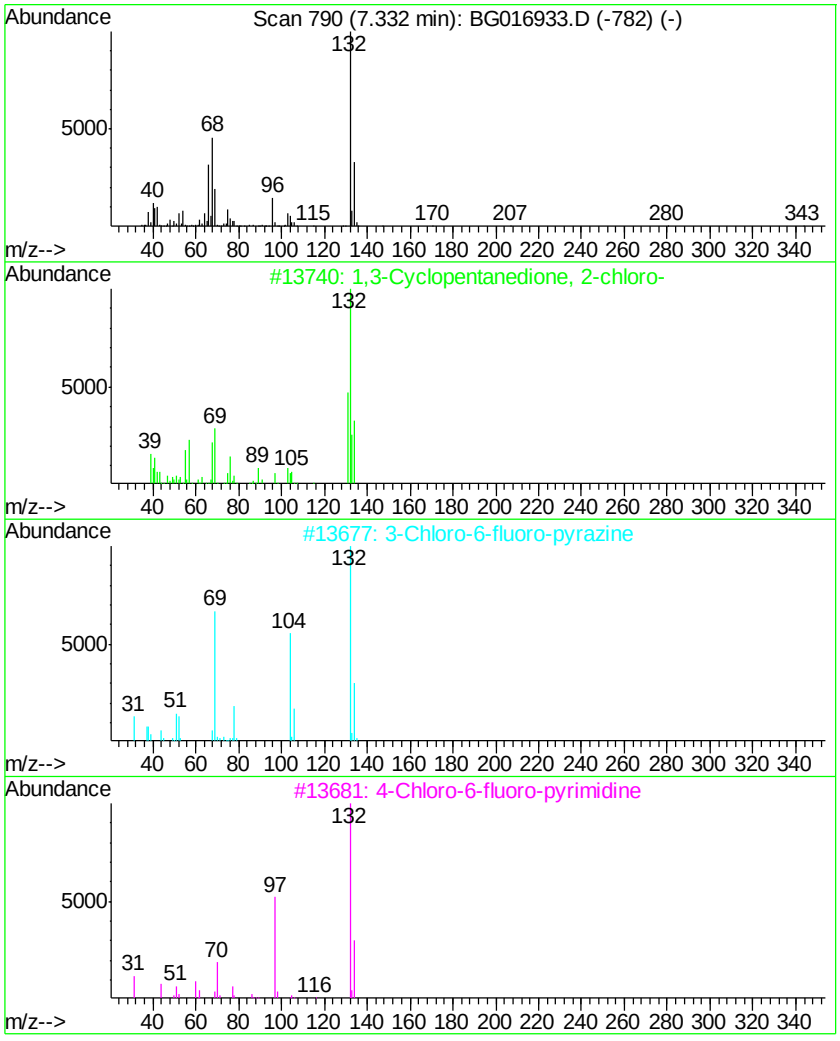
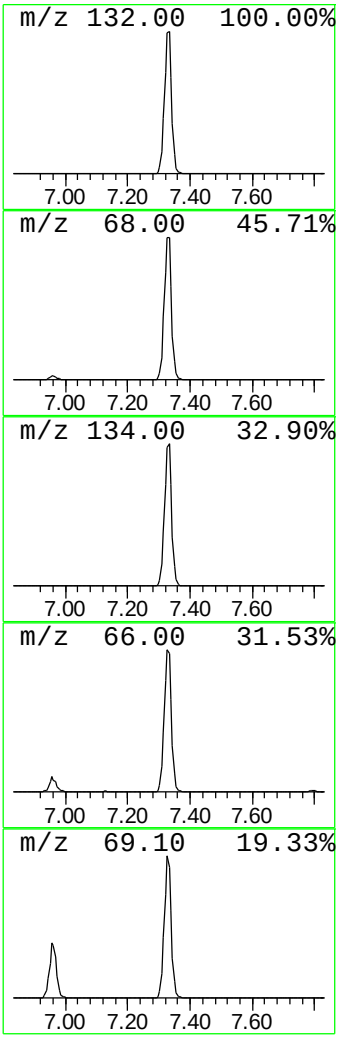
Peak Number 5 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	92.81 ng	2167100	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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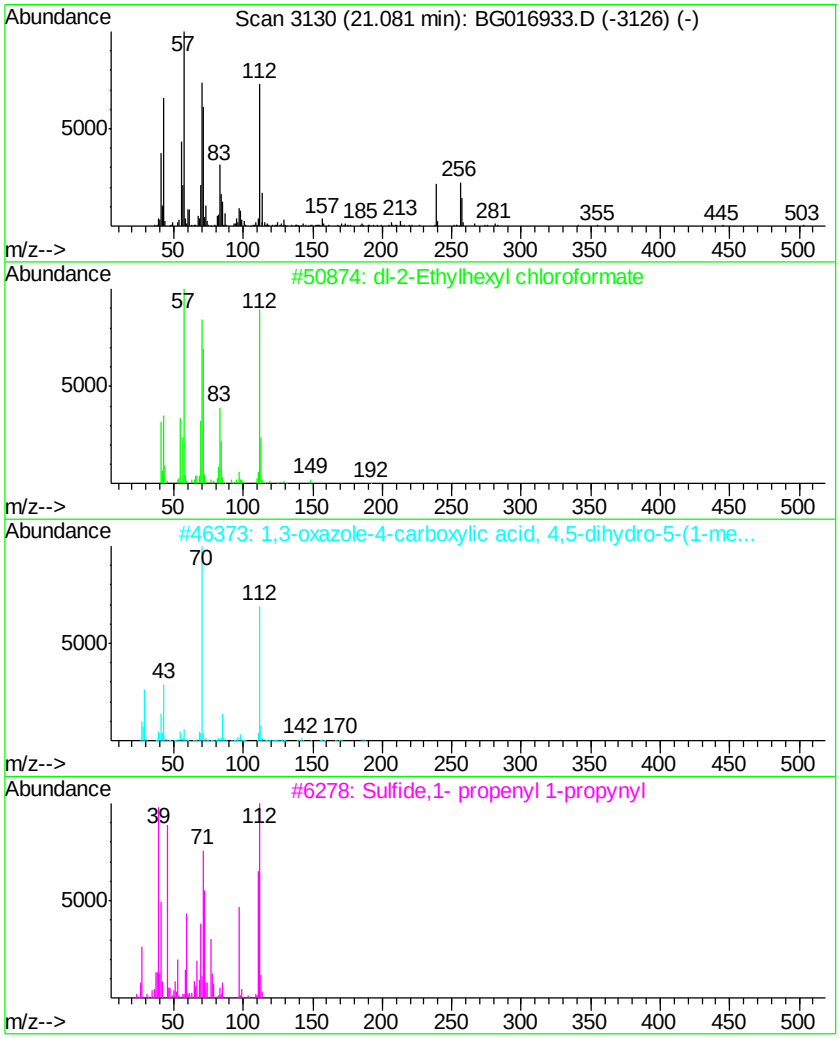
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

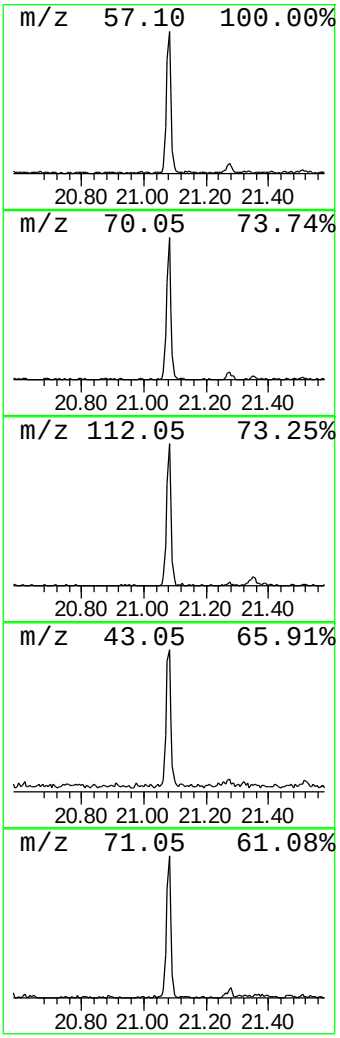
****

Peak Number 7 dl-2-Ethylhexyl chloroformate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.47 ng	335893	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	64
2	1,3-oxazole-4-carboxylic acid, 4...	185	C9H15NO3	1000197-69-0	47
3	Sulfide,1- propenyl 1-propynyl	112	C6H8S	089533-93-7	38
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	35
5	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	35





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1,1-tri...	2.77	2.8	ng	66423	1	7.80	466987	20.0
Butane, 2-methoxy...	3.00	46.0	ng	1074140	1	7.80	466987	20.0
2-Pentanone, 4-hy...	4.92	3.4	ng	79109	1	7.80	466987	20.0
unknown7.33	7.33	92.8	ng	2167100	1	7.80	466987	20.0
dl-2-Ethylhexyl c...	21.08	5.5	ng	335893	5	21.36	1228540	20.0