LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017268.D
Acq On : 23 May 2015 6:13
Operator : TP/IZ
Sample : G2255-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AOC50MW002-150512

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-BG051315.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	2.772	8	14	23	rBV2	62255	133328	15.75%	1.963%
2	2.854	23	28	44	rVB	308949	475763	56.19%	7.006%
3	3.419	118	124	138	rBV3	14929	44547	5.26%	0.656%
4	5.028	393	398	403	rBV	5639	8520	1.01%	0.125%
5	5.175	418	423	429	rBV5	3961	9152	1.08%	0.135%
6	5.281	436	441	449	rBV2	20013	32724	3.86%	0.482%
7	6.697	676	682	686	rBV	17113	34005	4.02%	0.501%
8	6.726	686	687	692	rVB	12348	15588	1.84%	0.230%
9	6.891	707	715	722	rVB2	18578	30363	3.59%	0.447%
10	7.214	762	770	778	rBV2	348708	610818	72.14%	8.995%
11	7.619	833	839	844	rBV2	131302	207358	24.49%	3.054%
12	7.678	844	849	856	rVB	217435	369488	43.64%	5.441%
13	7.761	858	863	870	rVB3	16653	26257	3.10%	0.387%
14	8.001	898	904	911	rVB2	50036	79198	9.35%	1.166%
15	8.113	918	923	929	rVB	14670	20772	2.45%	0.306%
16	8.295	948	954	962	rBV6	5846	12704	1.50%	0.187%
17	8.842	1041	1047	1054	rBV	48418	76576	9.04%	1.128%
18	9.000	1068	1074	1079	rBV6	6727	15132	1.79%	0.223%
19	9.100	1084	1091	1100	rVB7	11299	29096	3.44%	0.428%
20	9.241	1109	1115	1121	rBV5	14845	30083	3.55%	0.443%
21	9.312	1121	1127	1137	rVV7	12457	39957	4.72%	0.588%
22	9.412	1139	1144	1151	rVB6	6919	14589	1.72%	0.215%
23	9.829	1210	1215	1220	rBV3	16939	30719	3.63%	0.452%
24	10.475	1318	1325	1335	rVB	277157	482876	57.03%	7.111%
25	11.292	1459	1464	1468	rBV4	6895	11793	1.39%	0.174%
26	11.356	1471	1475	1483	rVB3	15712	31282	3.69%	0.461%
27	12.261	1624	1629	1631	rBV4	7431	10172	1.20%	0.150%
28	12.684	1697	1701	1706	rVB2	41200	59370	7.01%	0.874%
29	12.949	1737	1746	1753	rBV2	151935	258498	30.53%	3.807%
30	13.213	1783	1791	1798	rBV8	5985	15036	1.78%	0.221%
31	13.454	1826	1832	1837	rBV5	10160	14945	1.77%	0.220%
32	14.335	1975	1982	1992	rBV2	389539	597573	70.58%	8.800%
33	14.770	2051	2056	2062	rBV5	4868	10947	1.29%	0.161%
34	15.828	2231	2236	2244	rVB3	65461	99410	11.74%	1.464%

LSC Area Percent Report

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Data File : BG017268.D
Acq On : 23 May 2015 6:13
Operator : TP/IZ
Sample : G2255-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AOC50MW002-150512

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-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.227	2297	2304	2308	rBV2	10691	15253	1.80%	0.225%
36	16.662	2374	2378	2382	rBV3	10645	16427	1.94%	0.242%
37	17.079	2443	2449	2456	rBV	506704	705798	83.36%	10.394%
38	17.978	2596	2602	2610	rBV6	18696	34661	4.09%	0.510%
39	18.048	2610	2614	2618	rVB	13280	18027	2.13%	0.265%
40	19.271	2817	2822	2827	rBV5	8984	14460	1.71%	0.213%
41	19.711	2891	2897	2903	rVB	320643	384750	45.44%	5.666%
42	20.410	3012	3016	3019	rVB5	10224	13025	1.54%	0.192%
43	20.457	3019	3024	3030	rBV8	4811	10962	1.29%	0.161%
44	21.180	3144	3147	3153	rVB	21390	24446	2.89%	0.360%
45	21.262	3156	3161	3167	rBV	655811	846719	100.00%	12.469%
46	23.513	3538	3544	3555	rVB2	414014	767573	90.65%	11.303%

Sum of corrected areas: 6790740

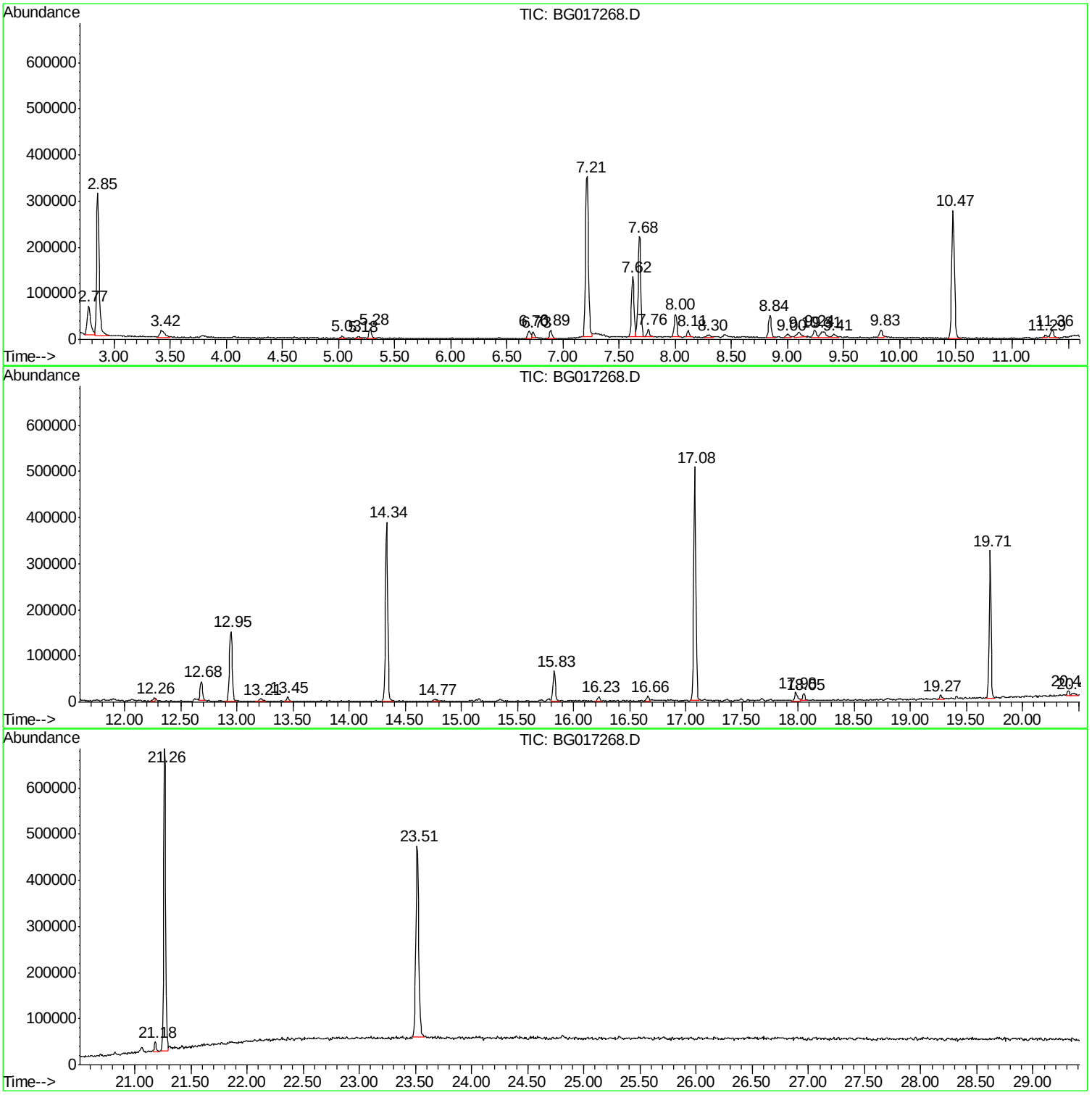
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017268.D
Acq On : 23 May 2015 6:13
Operator : TP/IZ
Sample : G2255-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AOC50MW002-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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\BG052215\
Data File : BG017268.D
Acq On : 23 May 2015 6:13
Operator : TP/IZ
Sample : G2255-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AOC50MW002-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

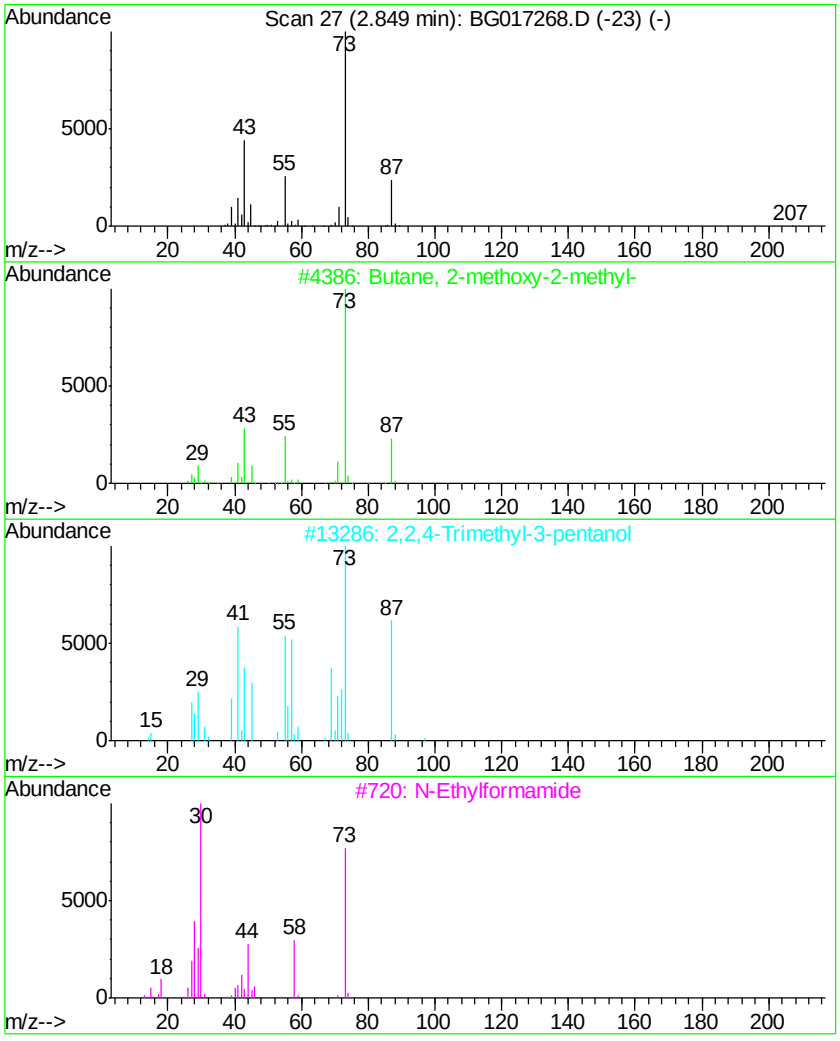
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

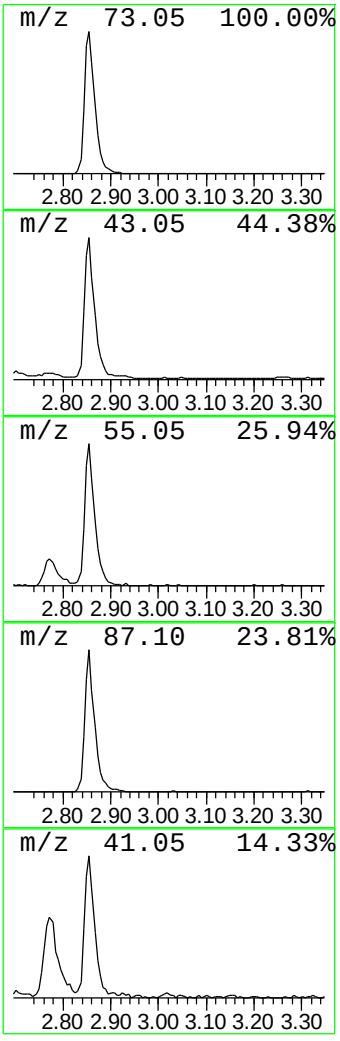
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	25.75 ng	475763	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017268.D
Acq On : 23 May 2015 6:13
Operator : TP/IZ
Sample : G2255-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AOC50MW002-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

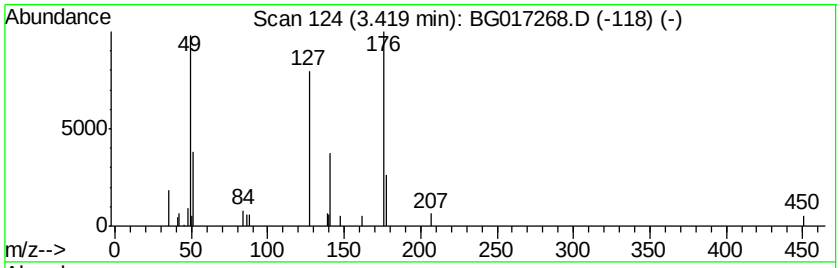
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

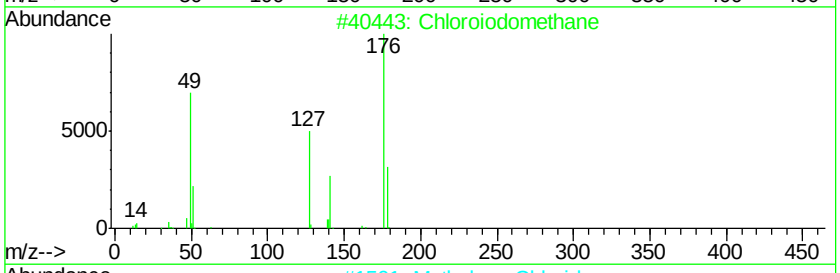
****

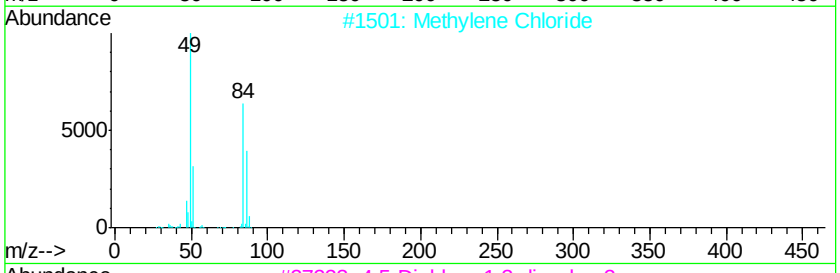
Peak Number 3 Chloroiodomethane Concentration Rank 6

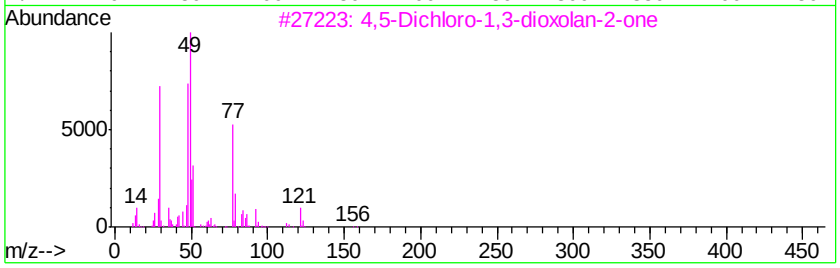
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	2.41 ng	44547	1,4-Dichlorobenzene-d4	7.68

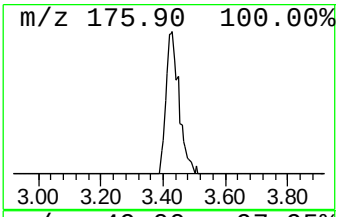
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroiodomethane	176	CH2ClI	000593-71-5	91
2	Methylene Chloride	84	CH2Cl2	000075-09-2	47
3	4,5-Dichloro-1,3-dioxolan-2-one	156	C3H2Cl2O3	003967-55-3	28
4	3,4-Dichlorobutane nitrile	137	C4H5Cl2N	034362-21-5	28
5	Hydrazine, (3,5-dichlorophenyl)-	176	C6H6Cl2N2	039943-56-1	9

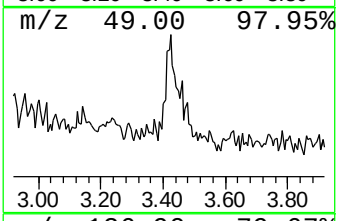


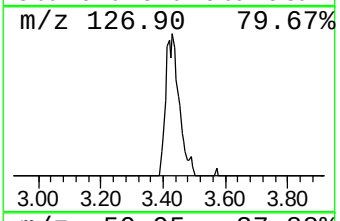


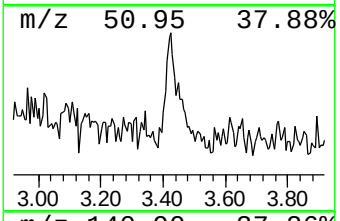


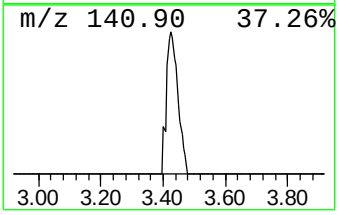












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Data File : BG017268.D
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Operator : TP/IZ
Sample : G2255-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AOC50MW002-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

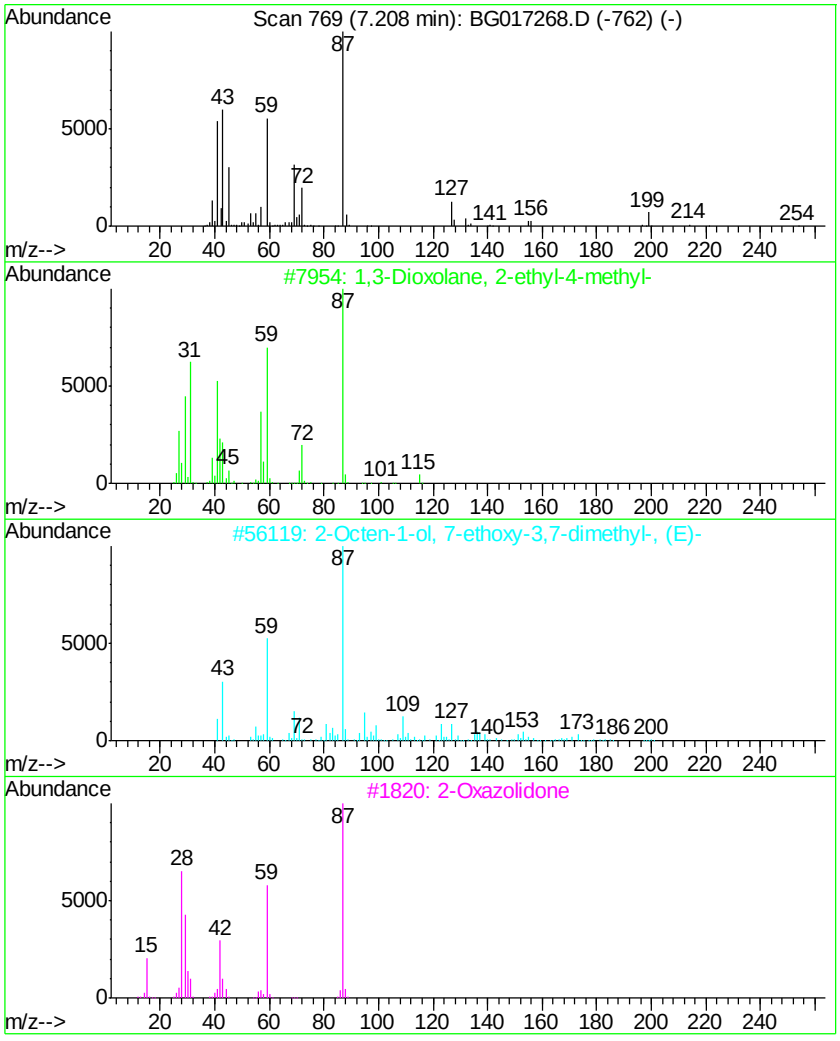
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

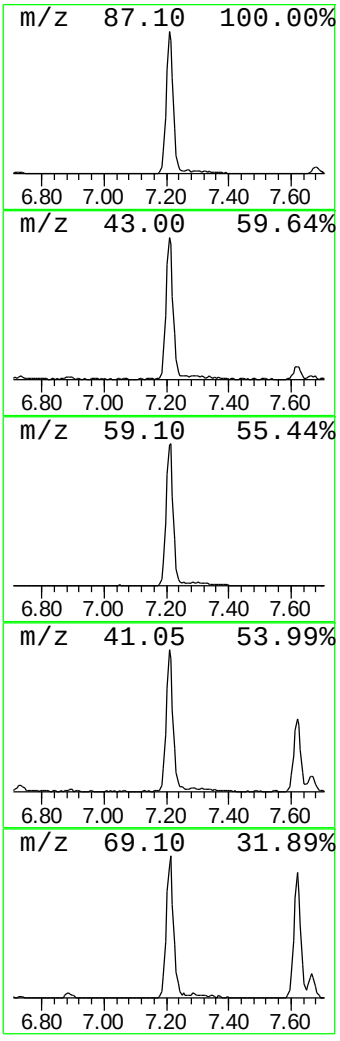
****

Peak Number 4 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	33.06 ng	610818	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	53
2	2-Octen-1-ol, 7-ethoxy-3,7-dimet...	200	C12H24O2	1000132-19-5	50
3	2-Oxazolidone	87	C3H5NO2	000497-25-6	47
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	46
5	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	37





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

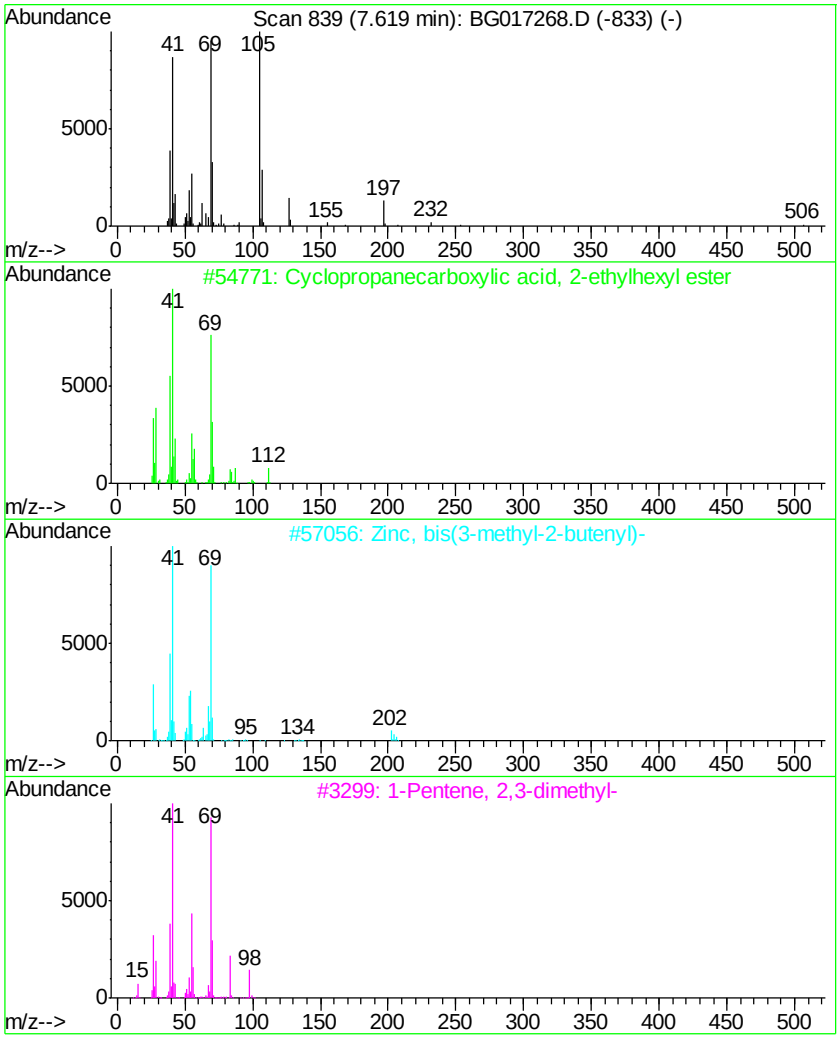
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

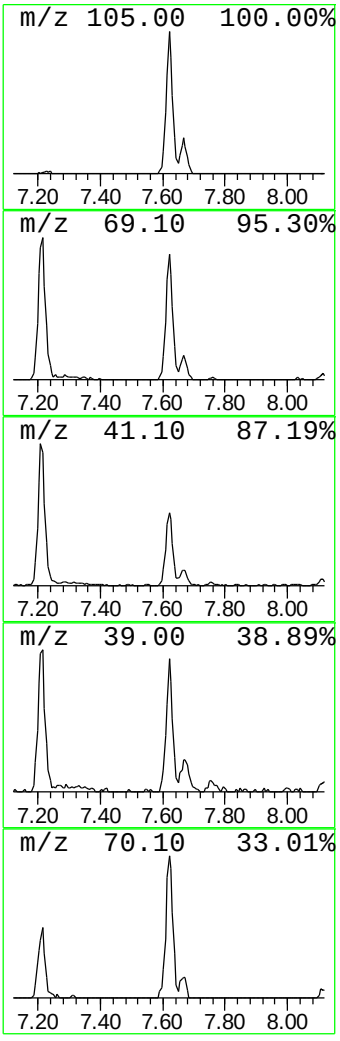
****

Peak Number 5 Cyclopropanecarboxylic acid... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	11.22 ng	207358	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	50
2	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	38
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	33
4	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	27
5	2-Pentene, 4-bromo-	148	C5H9Br	001809-26-3	25





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
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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
Butane, 2-methoxy...	2.85	25.8	ng	475763	1	7.68	369488	20.0
Chloroiodomethane	3.42	2.4	ng	44547	1	7.68	369488	20.0
1,3-Dioxolane, 2-...	7.21	33.1	ng	610818	1	7.68	369488	20.0
Cyclopropanecarbo...	7.62	11.2	ng	207358	1	7.68	369488	20.0