LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017976.D
Acq On : 20 Jul 2015 2:26
Operator : TP/UM
Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7D12

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-BG071715.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	2.788	13	17	25	rVB2	34237	55875	1.86%	0.203%
2	2.864	25	30	34	rBV	359765	428970	14.26%	1.556%
3	4.151	244	249	255	rBV	36181	49460	1.64%	0.179%
4	4.732	342	348	357	rVB	715361	1011929	33.63%	3.672%
5	5.197	420	427	434	rBV	1103943	1633283	54.29%	5.926%
6	5.796	523	529	536	rBV	68226	102351	3.40%	0.371%
7	6.771	687	695	706	rBV	1163047	1821756	60.55%	6.610%
8	7.124	747	755	764	rBV	1201228	1910793	63.51%	6.933%
9	7.582	825	833	842	rBV	409047	661147	21.98%	2.399%
10	7.899	879	887	894	rBV	828729	1346437	44.75%	4.885%
11	8.739	1022	1030	1038	rBV	685767	1137153	37.80%	4.126%
12	10.361	1297	1306	1314	rBV	615647	1040003	34.57%	3.773%
13	12.858	1724	1731	1739	rBV	1630958	2341140	77.82%	8.494%
14	13.704	1869	1875	1882	rBV	341143	470581	15.64%	1.707%
15	14.245	1959	1967	1975	rBV2	981106	1504075	49.99%	5.457%
16	15.737	2214	2221	2237	rBV	1560891	2189948	72.79%	7.946%
17	16.771	2393	2397	2401	rBV4	23439	30127	1.00%	0.109%
18	16.994	2428	2435	2446	rBV2	1298587	1864816	61.98%	6.766%
19	17.911	2586	2591	2597	rBV2	69467	98753	3.28%	0.358%
20	19.063	2783	2787	2793	rBV	26628	39554	1.31%	0.144%
21	19.204	2807	2811	2822	rBV9	31447	66888	2.22%	0.243%
22	19.351	2833	2836	2841	rVB2	44625	50816	1.69%	0.184%
23	19.433	2841	2850	2853	rBV3	28888	48632	1.62%	0.176%
24	19.644	2880	2886	2896	rVB	2370915	3008563	100.00%	10.916%
25	20.402	3012	3015	3021	rVB3	32936	43682	1.45%	0.158%
26	20.925	3099	3104	3110	rBV3	55279	89931	2.99%	0.326%
27	20.996	3113	3116	3120	rVB2	31552	35989	1.20%	0.131%
28	21.195	3144	3150	3165	rVV	1581001	2105428	69.98%	7.639%
29	21.366	3175	3179	3182	rVB5	26255	31625	1.05%	0.115%
30	21.795	3248	3252	3255	rBV	70948	85567	2.84%	0.310%
31	22.758	3411	3416	3422	rVB3	89939	129881	4.32%	0.471%
32	23.416	3520	3528	3538	rBV	1086015	2076851	69.03%	7.535%
33	23.963	3618	3621	3630	rVB	22494	49208	1.64%	0.179%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017976.D
Acq On : 20 Jul 2015 2:26
Operator : TP/UM
Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7D12

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-BG071715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

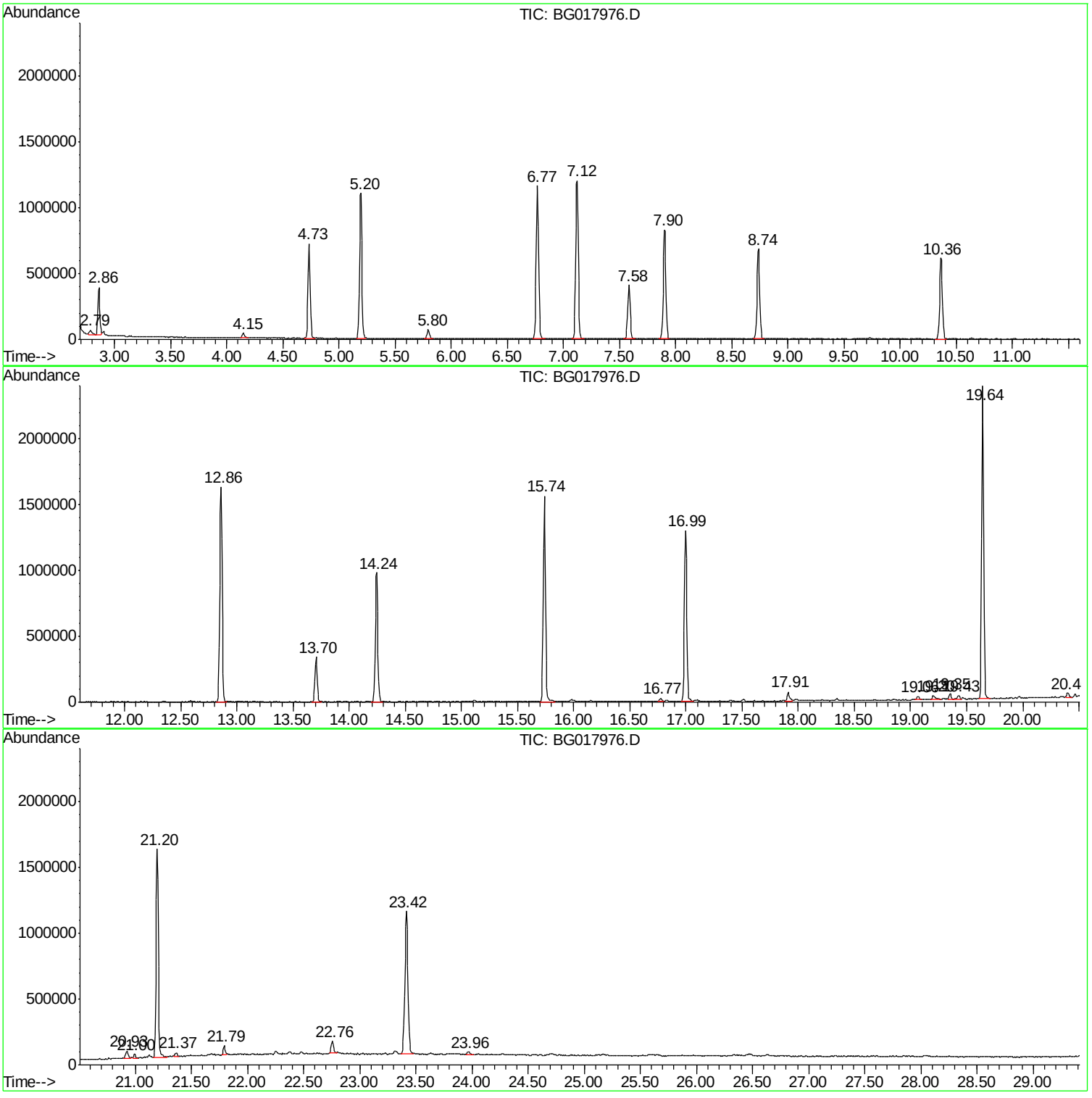
Sum of corrected areas: 27561212

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017976.D
Acq On : 20 Jul 2015 2:26
Operator : TP/UM
Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7D12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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\BG071915\
Data File : BG017976.D
Acq On : 20 Jul 2015 2:26
Operator : TP/UM
Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7D12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

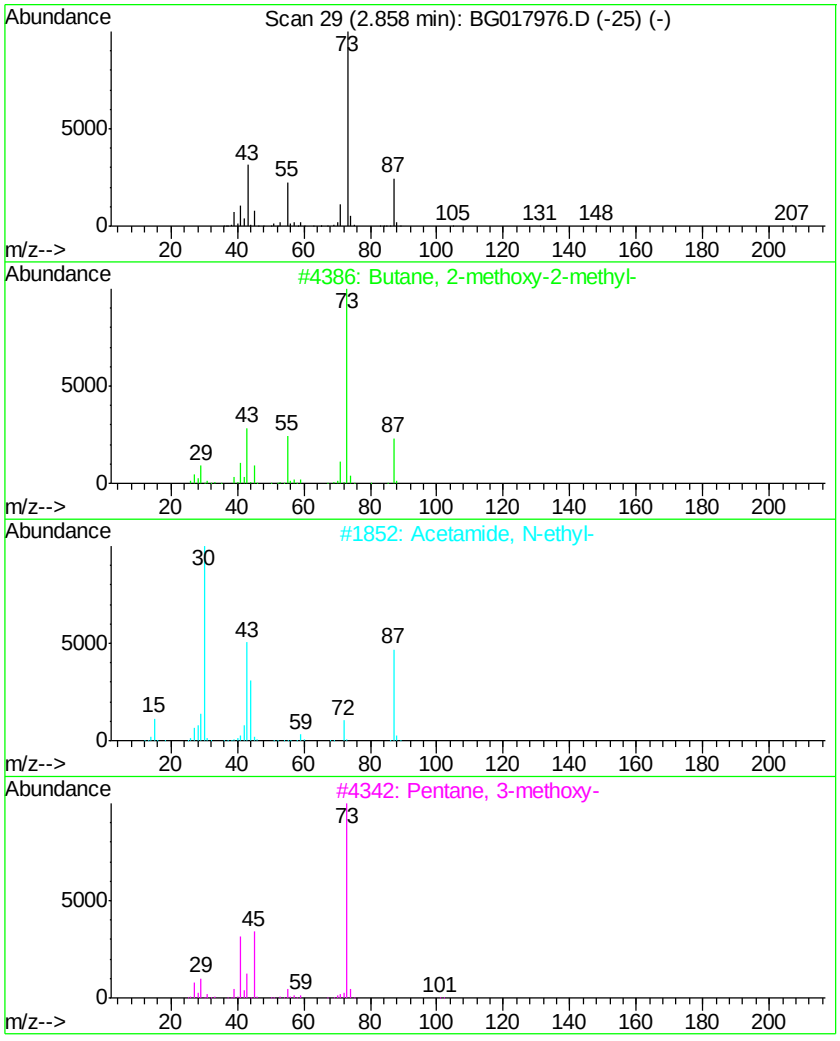
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

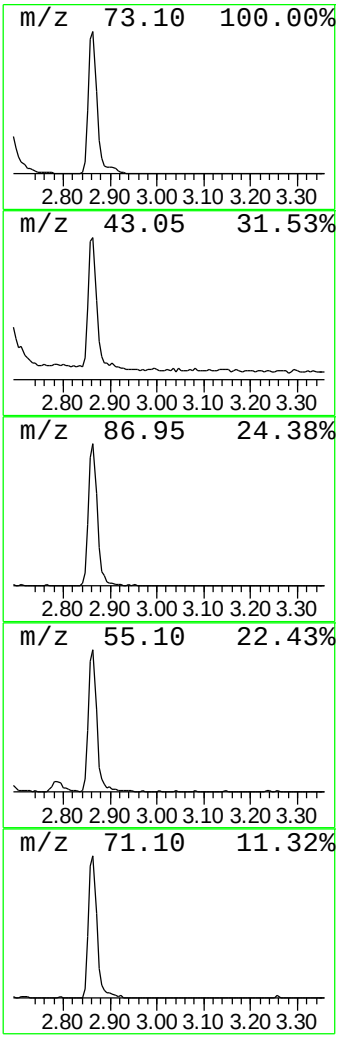
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	12.98 ng	428970	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017976.D
Acq On : 20 Jul 2015 2:26
Operator : TP/UM
Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7D12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

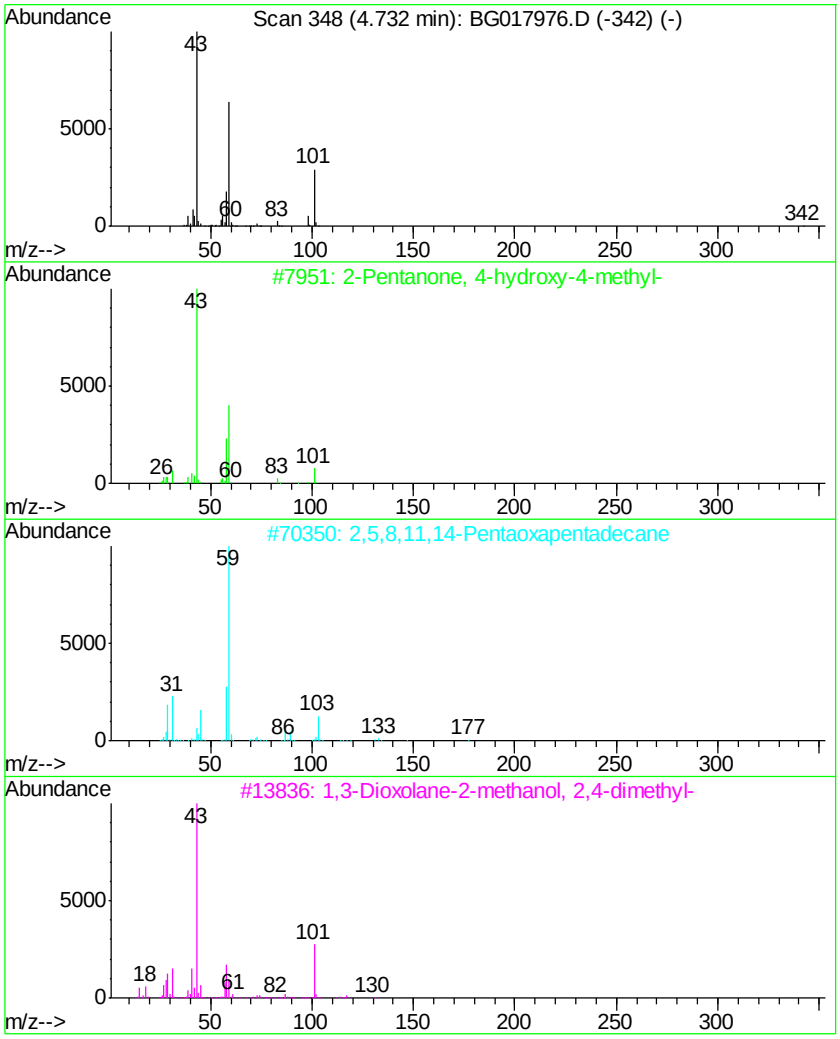
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

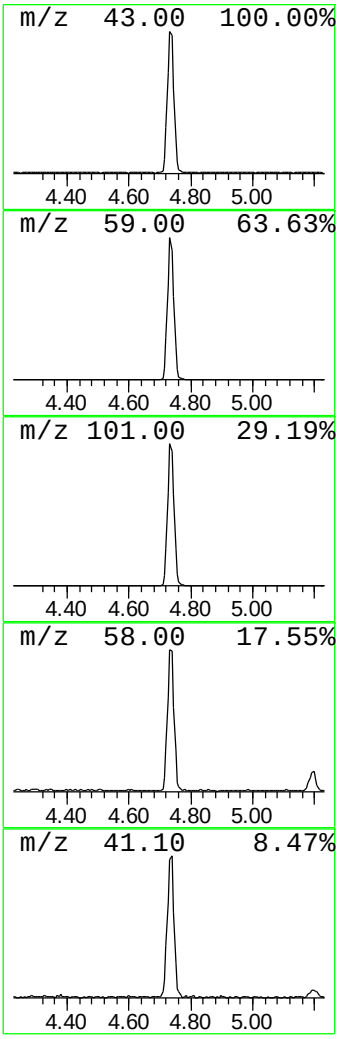
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	30.61 ng	1011930	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017976.D
Acq On : 20 Jul 2015 2:26
Operator : TP/UM
Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7D12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

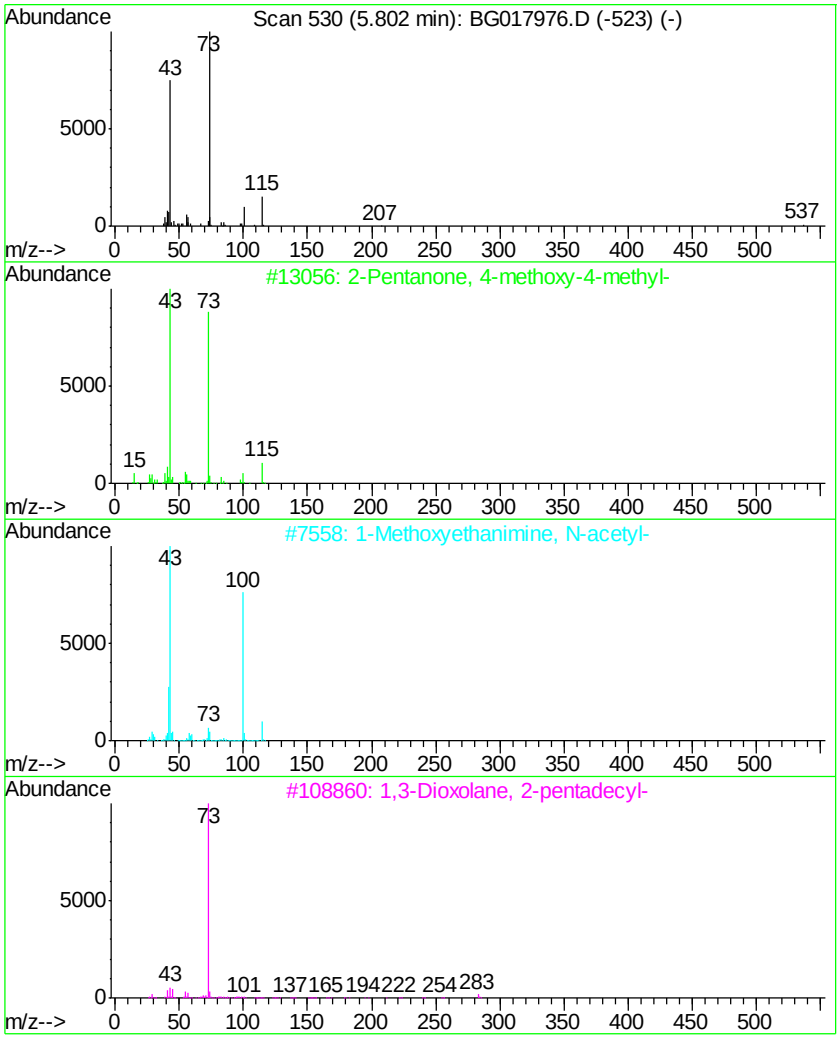
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

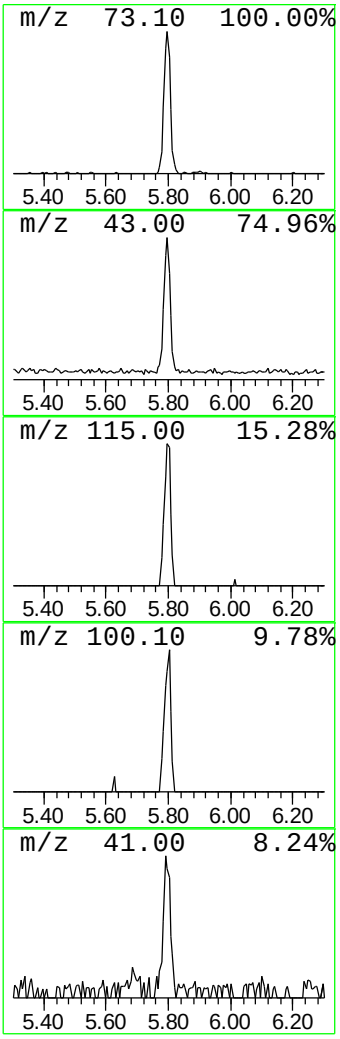
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	3.10 ng	102351	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	17
4	2-Methyl-2,4-dimethoxybutane	132	C7H16O2	039836-89-0	12
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10





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Sample : G2973-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7D12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

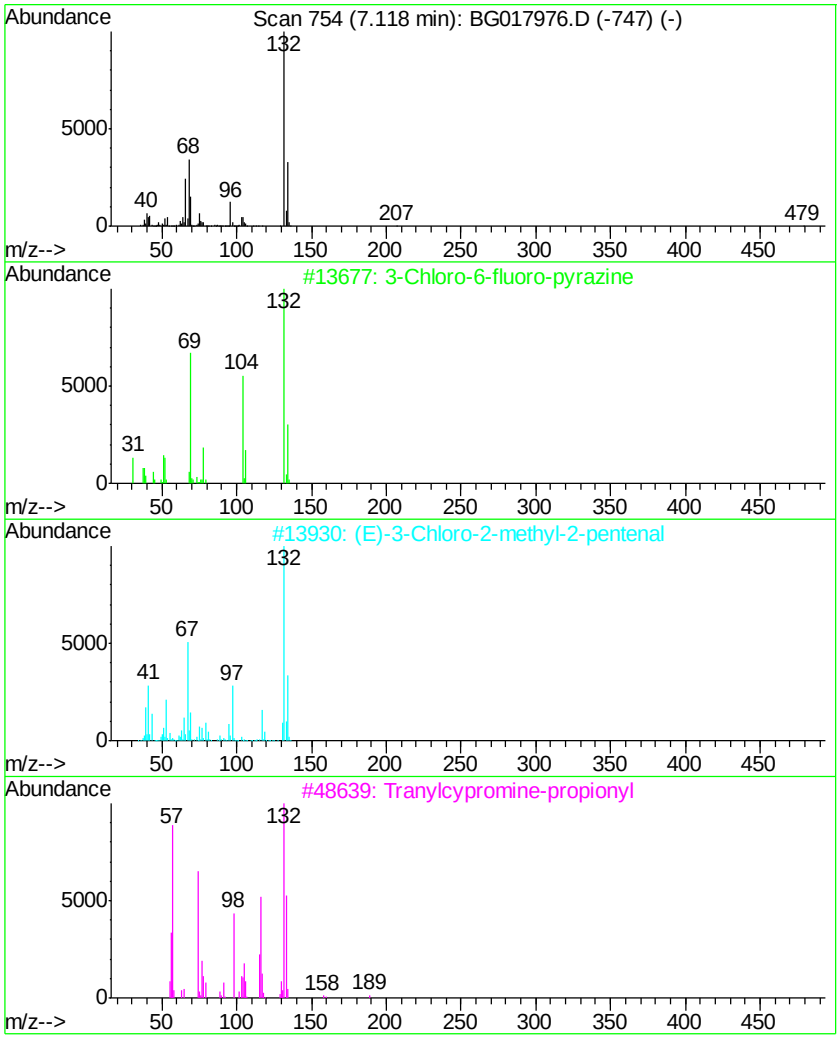
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

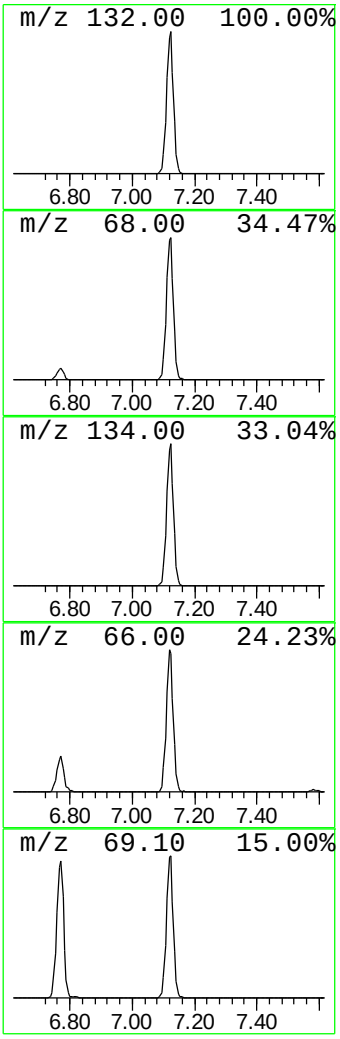
****

Peak Number 4 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	57.80 ng	1910790	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Tentatively Identified Compound (LSC) summary

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Acq On : 20 Jul 2015 2:26
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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
Butane, 2-methoxy...	2.86	13.0	ng	428970	1	7.59	661147	20.0
2-Pentanone, 4-hy...	4.73	30.6	ng	1011930	1	7.59	661147	20.0
2-Pentanone, 4-me...	5.80	3.1	ng	102351	1	7.59	661147	20.0
unknown7.12	7.12	57.8	ng	1910790	1	7.59	661147	20.0