LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023174.D
Acq On : 19 Jul 2016 13:26
Operator : UM/SJ
Sample : H4044-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9-B2(6-12)C

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-BG070816.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	2.870	3	5	19	rVB2	271890	507265	10.14%	1.409%
2	3.011	23	29	45	rBV	3417441	5001321	100.00%	13.890%
3	3.158	49	54	68	rBV	194676	403627	8.07%	1.121%
4	5.203	397	402	407	rBV	103940	155430	3.11%	0.432%
5	5.679	476	483	493	rBV	944790	1566666	31.33%	4.351%
6	7.295	751	758	767	rBV	1134141	1994638	39.88%	5.540%
7	7.671	813	822	831	rBV	1055042	1833897	36.67%	5.093%
8	8.141	894	902	911	rBV	383708	662266	13.24%	1.839%
9	8.464	950	957	966	rBV	739286	1308059	26.15%	3.633%
10	9.316	1094	1102	1113	rVB	708339	1328419	26.56%	3.689%
11	10.973	1377	1384	1394	rVB	610882	1115336	22.30%	3.098%
12	13.417	1791	1800	1808	rBV	2108988	3379305	67.57%	9.385%
13	14.239	1932	1940	1947	rBV	307217	499229	9.98%	1.386%
14	14.798	2028	2035	2043	rBV2	1172630	1879619	37.58%	5.220%
15	15.620	2170	2175	2179	rBV5	38968	56685	1.13%	0.157%
16	16.290	2283	2289	2299	rBV	1685969	2689155	53.77%	7.468%
17	16.484	2317	2322	2329	rBV3	45972	87740	1.75%	0.244%
18	17.283	2453	2458	2462	rVB3	43899	50865	1.02%	0.141%
19	17.553	2498	2504	2511	rBV	1395579	2206875	44.13%	6.129%
20	18.423	2647	2652	2658	rBV8	37857	69698	1.39%	0.194%
21	19.833	2889	2892	2897	rBV5	66671	87314	1.75%	0.242%
22	20.162	2942	2948	2954	rBV	3465148	4637077	92.72%	12.878%
23	20.885	3068	3071	3075	rVB6	56027	60073	1.20%	0.167%
24	21.872	3232	3239	3247	rBV2	1366164	2357952	47.15%	6.549%
25	25.268	3807	3817	3828	rBV	655416	2068538	41.36%	5.745%

Sum of corrected areas: 36007049

LSC Report - Integrated Chromatogram

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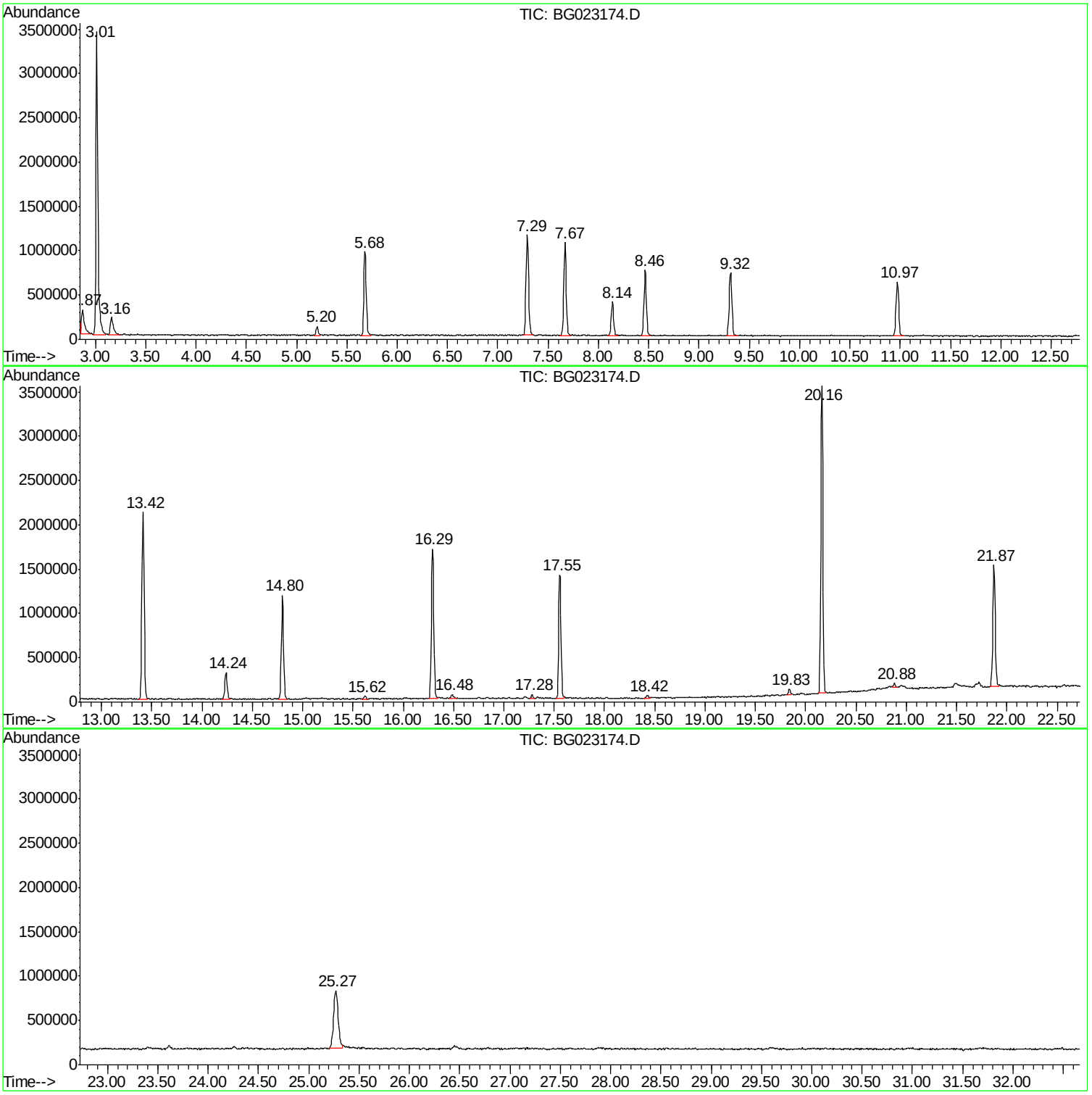
Instrument : BNA_G
ClientSampleId : G9-B2(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023174.D
Acq On : 19 Jul 2016 13:26
Operator : UM/SJ
Sample : H4044-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9-B2(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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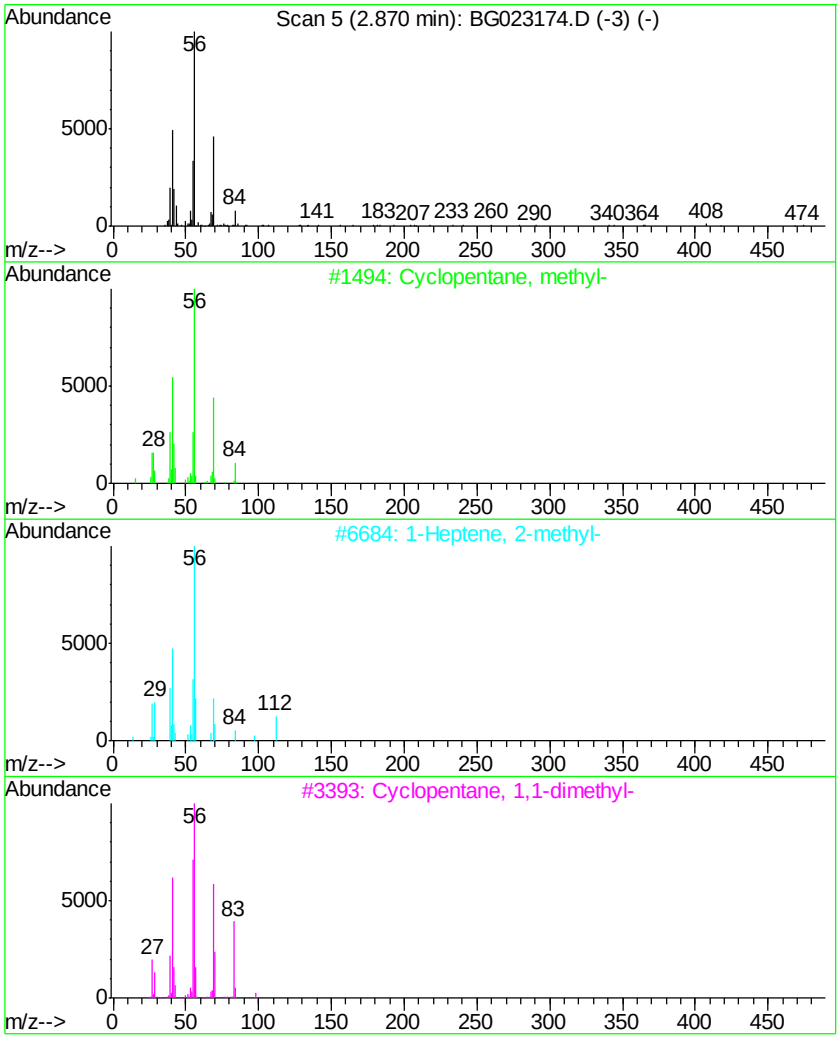
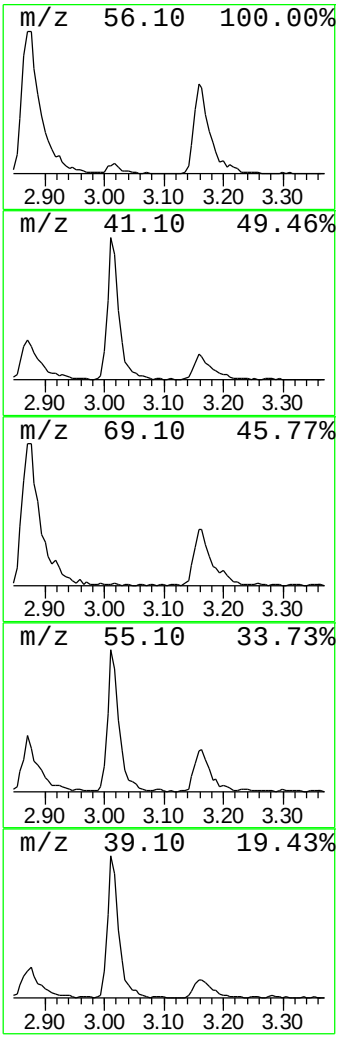
Peak Number 1 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	15.32 ng	507265	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
2	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	50
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	40
4	1-Octene, 7-methyl-	126	C9H18	013151-06-9	40
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	40





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9-B2(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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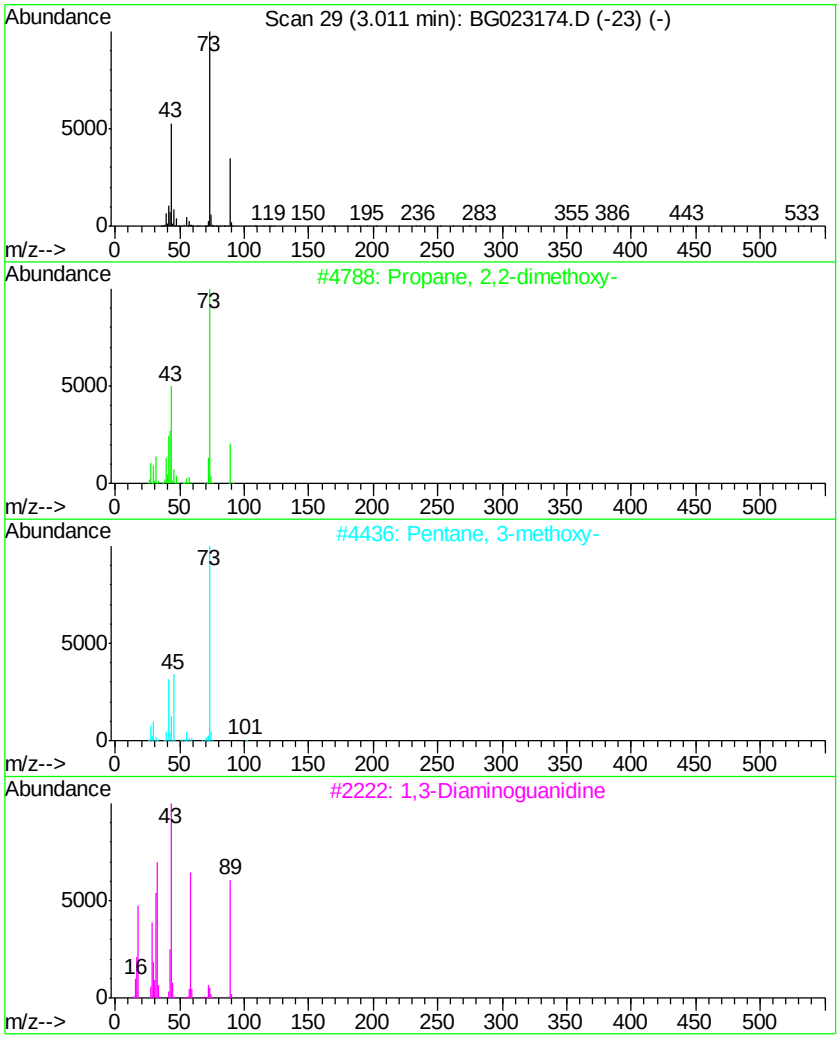
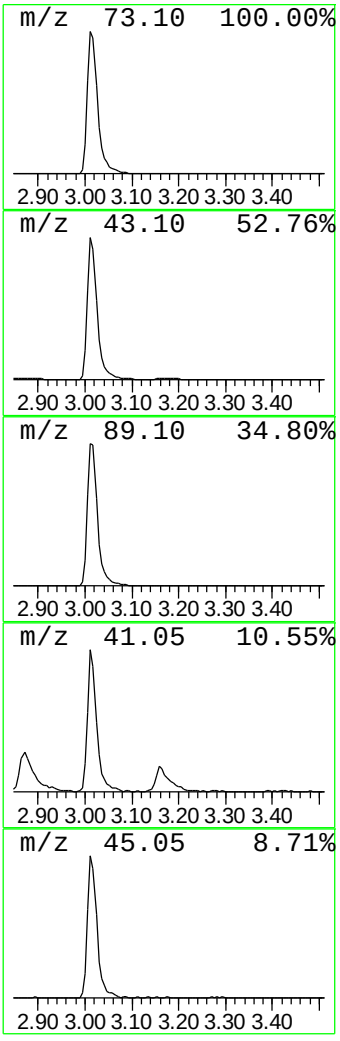
Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	151.04 ng	5001320	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Acq On : 19 Jul 2016 13:26
Operator : UM/SJ
Sample : H4044-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9-B2(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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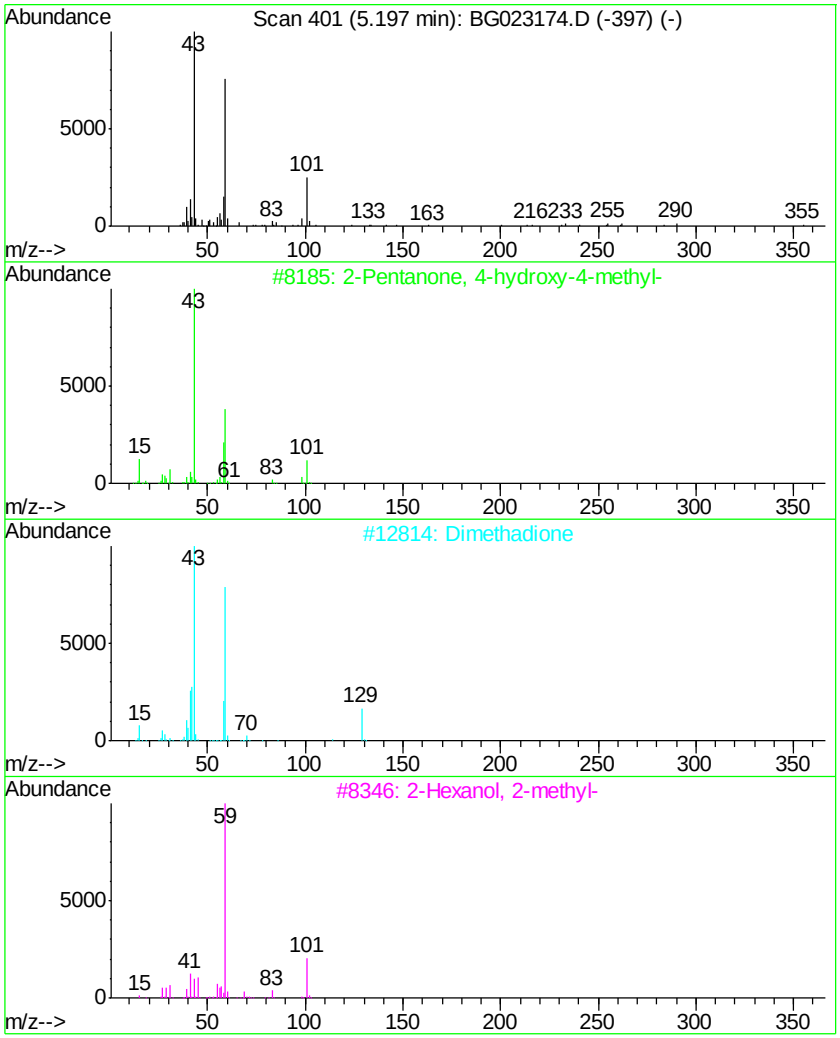
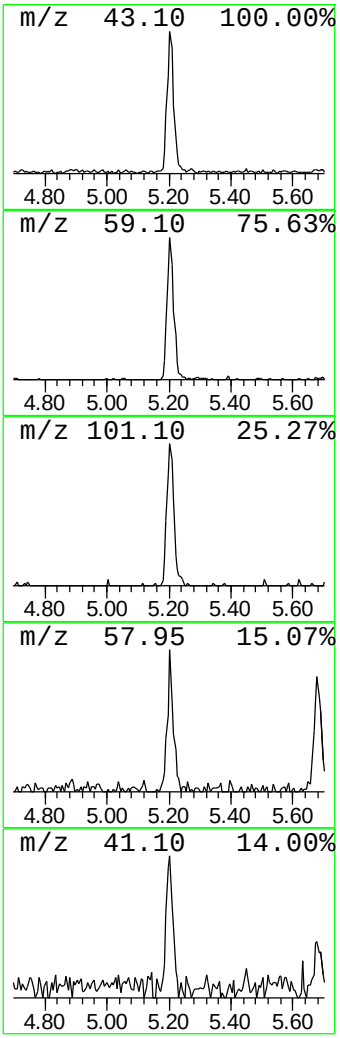
Peak Number 4 unknown5.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.69 ng	155430	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Dimethadione	129	C5H7NO3	000695-53-4	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Instrument : BNA_G
ClientSampleId : G9-B2(6-12)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST11.L
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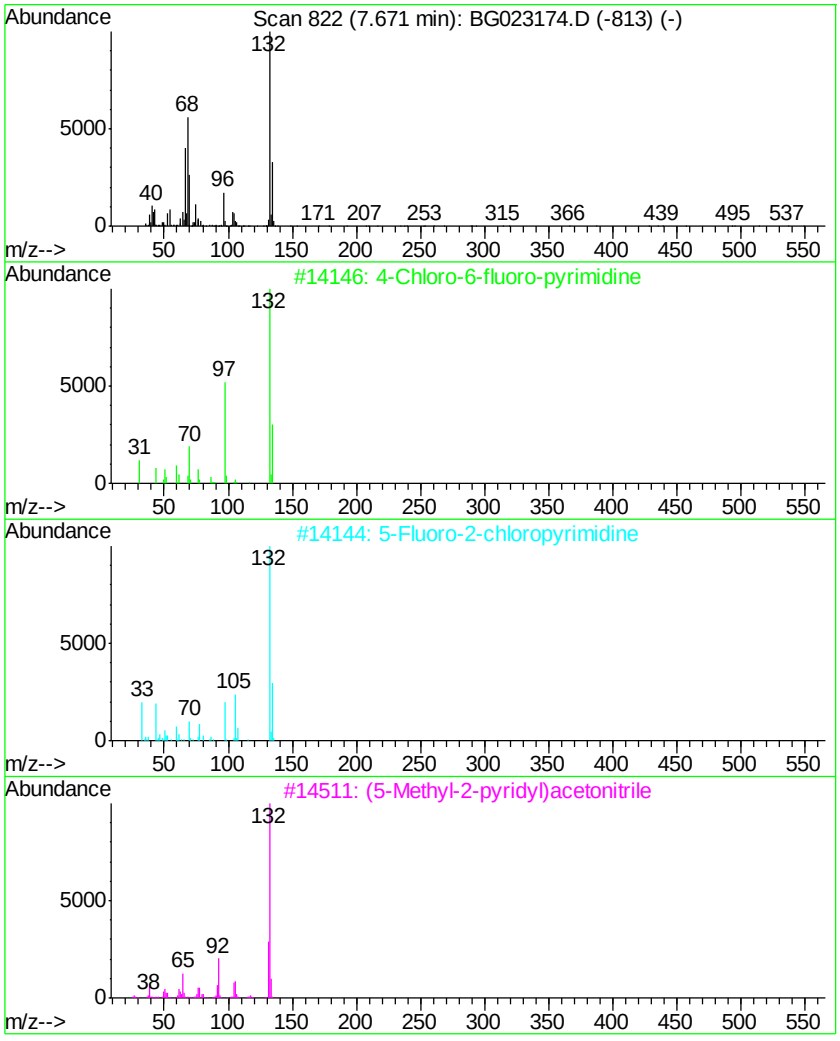
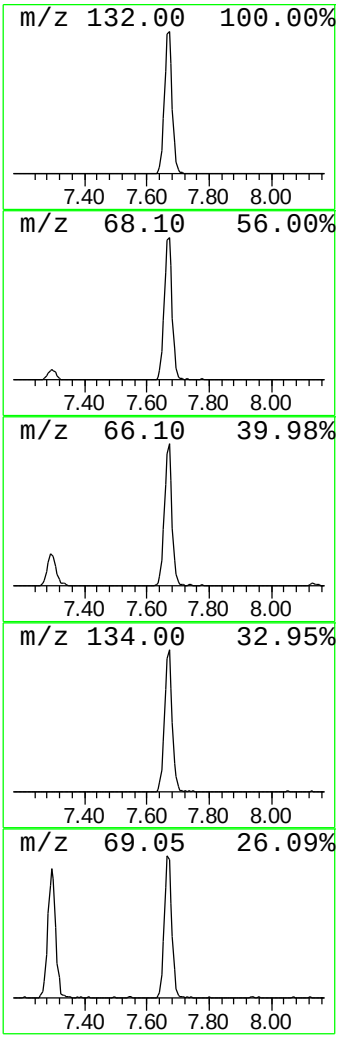
Peak Number 5 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	55.38 ng	1833900	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	9
5	Xenon	132	Xe	007440-63-3	9





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
Cyclopentane, met...	2.87	15.3	ng	507265	1	8.14	662266	20.0
Propane, 2,2-dime...	3.01	151.0	ng	5001320	1	8.14	662266	20.0
unknown5.20	5.20	4.7	ng	155430	1	8.14	662266	20.0
unknown7.67	7.67	55.4	ng	1833900	1	8.14	662266	20.0