LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023107.D
Acq On : 14 Jul 2016 18:54
Operator : UM/SJ
Sample : H4006-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-23A-9-11-DEEP

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	3.040	29	34	57	rBV	3691743	5602143	83.41%	12.261%
2	5.225	400	406	412	rBV	185406	281417	4.19%	0.616%
3	5.701	480	487	499	rVB	1417224	2296747	34.19%	5.027%
4	7.311	753	761	771	rBV	1614716	2842221	42.32%	6.221%
5	7.681	817	824	832	rBV	1451861	2601674	38.73%	5.694%
6	8.157	896	905	917	rBV	385876	702125	10.45%	1.537%
7	8.480	948	960	968	rBV	1046768	1820146	27.10%	3.984%
8	9.326	1095	1104	1114	rBV	1028958	1857106	27.65%	4.065%
9	10.983	1377	1386	1394	rBV	595993	1103182	16.42%	2.414%
10	13.422	1791	1801	1811	rBV	2669976	4304249	64.08%	9.420%
11	14.244	1934	1941	1948	rBV	483188	702345	10.46%	1.537%
12	14.802	2028	2036	2045	rBV2	1063378	1798697	26.78%	3.937%
13	16.295	2283	2290	2302	rBV	2488012	4074096	60.66%	8.917%
14	17.276	2452	2457	2462	rBV2	85989	121113	1.80%	0.265%
15	17.552	2497	2504	2518	rBV	1409695	2367865	35.25%	5.182%
16	18.022	2579	2584	2589	rVB2	77686	102853	1.53%	0.225%
17	18.157	2601	2607	2611	rBV4	61564	89218	1.33%	0.195%
18	18.422	2646	2652	2659	rBV2	145223	227862	3.39%	0.499%
19	20.155	2941	2947	2955	rBV	5126796	6716761	100.00%	14.701%
20	21.471	3166	3171	3177	rBV5	99397	223439	3.33%	0.489%
21	21.683	3203	3207	3208	rBV	130481	147747	2.20%	0.323%
22	21.706	3208	3211	3218	rVB4	177103	317984	4.73%	0.696%
23	21.859	3230	3237	3252	rVB	1607443	2737703	40.76%	5.992%
24	24.227	3637	3640	3651	rVB	41833	103148	1.54%	0.226%
25	25.237	3800	3812	3822	rBV2	806644	2548489	37.94%	5.578%

Sum of corrected areas: 45690330

LSC Report - Integrated Chromatogram

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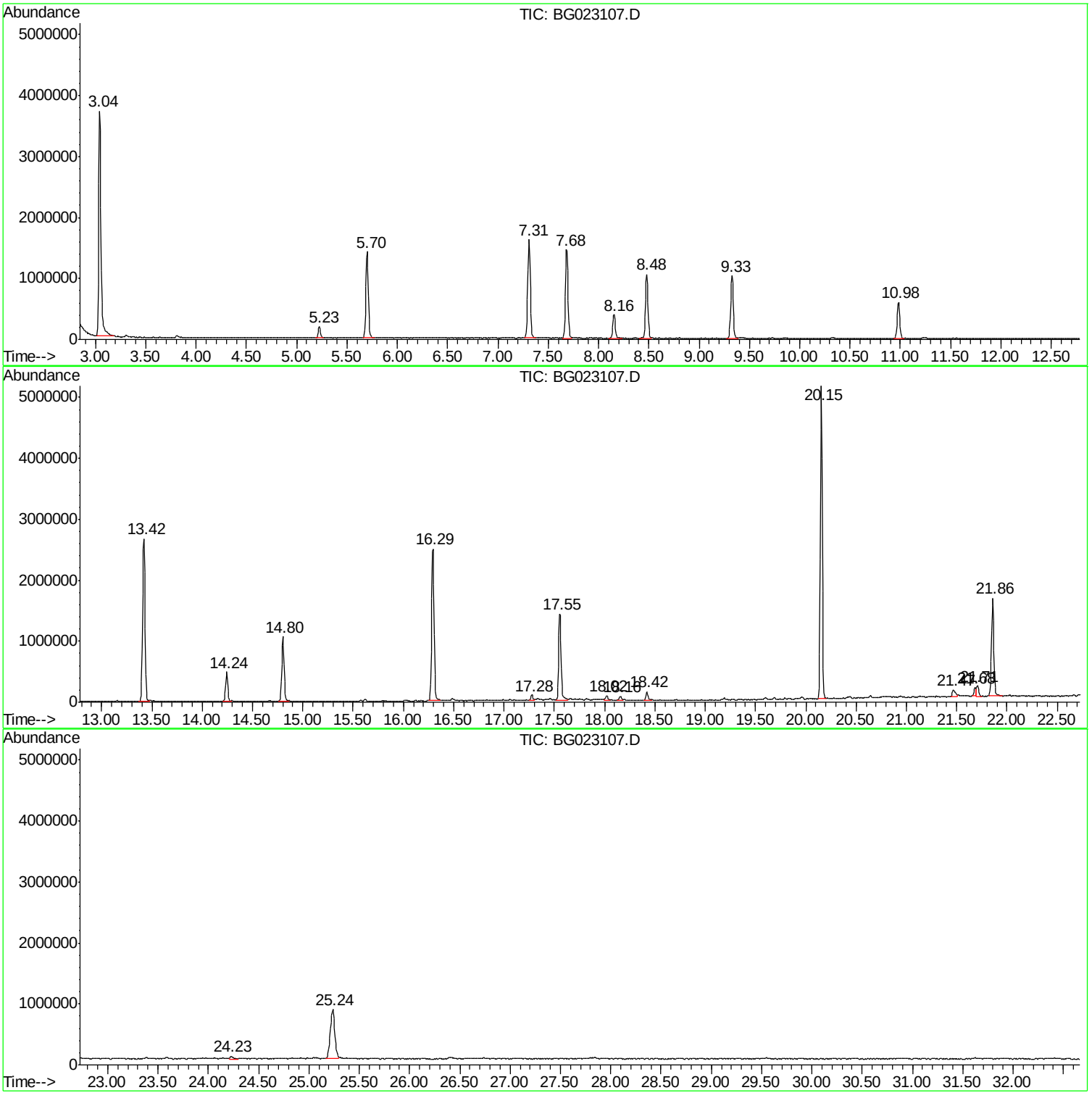
BNA_G
ClientSampleId :
LOCATION-23A-9-11-DEEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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Instrument : BNA_G
ClientSampleId : LOCATION-23A-9-11-DEEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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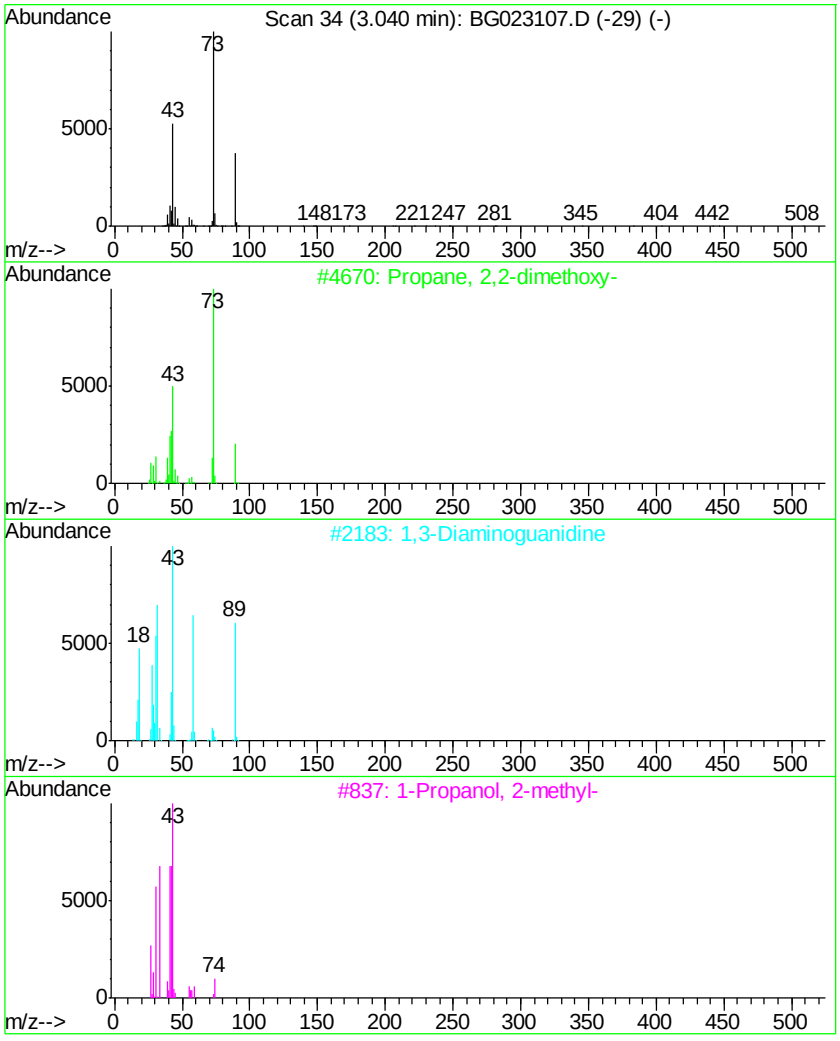
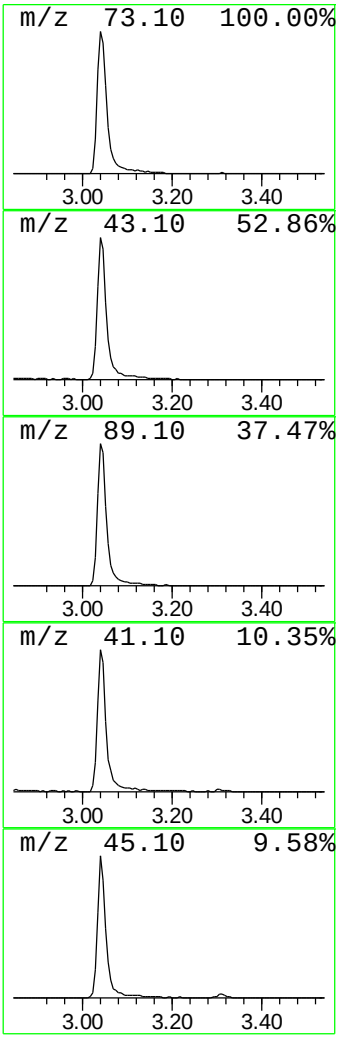
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	159.58 ng	5602140	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	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Instrument : BNA_G
ClientSampleId : LOCATION-23A-9-11-DEEP

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

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TIC Integration Parameters: LSCINT.P

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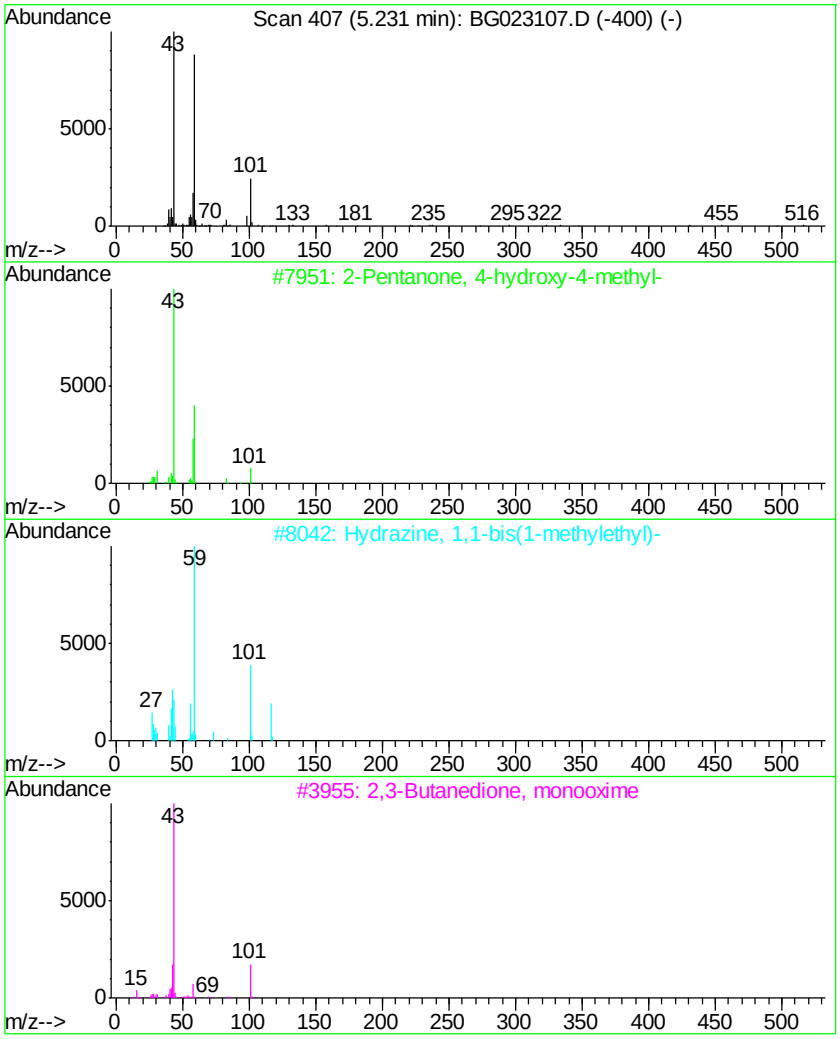
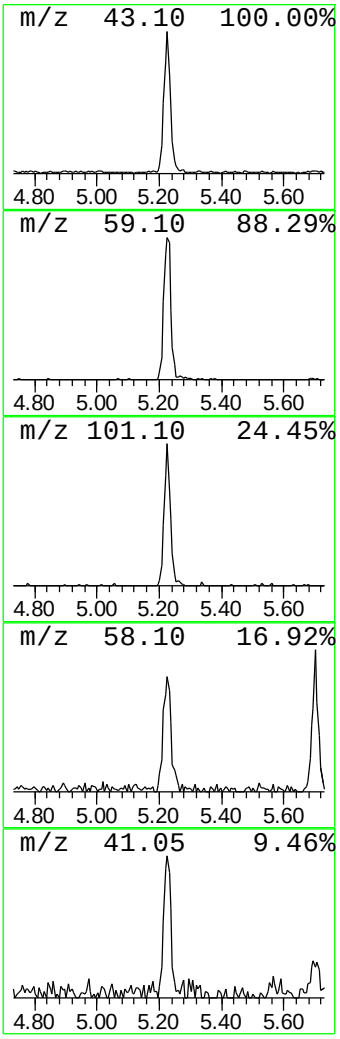
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	8.02 ng	281417	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	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	17
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	10





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Instrument : BNA_G
ClientSampleId : LOCATION-23A-9-11-DEEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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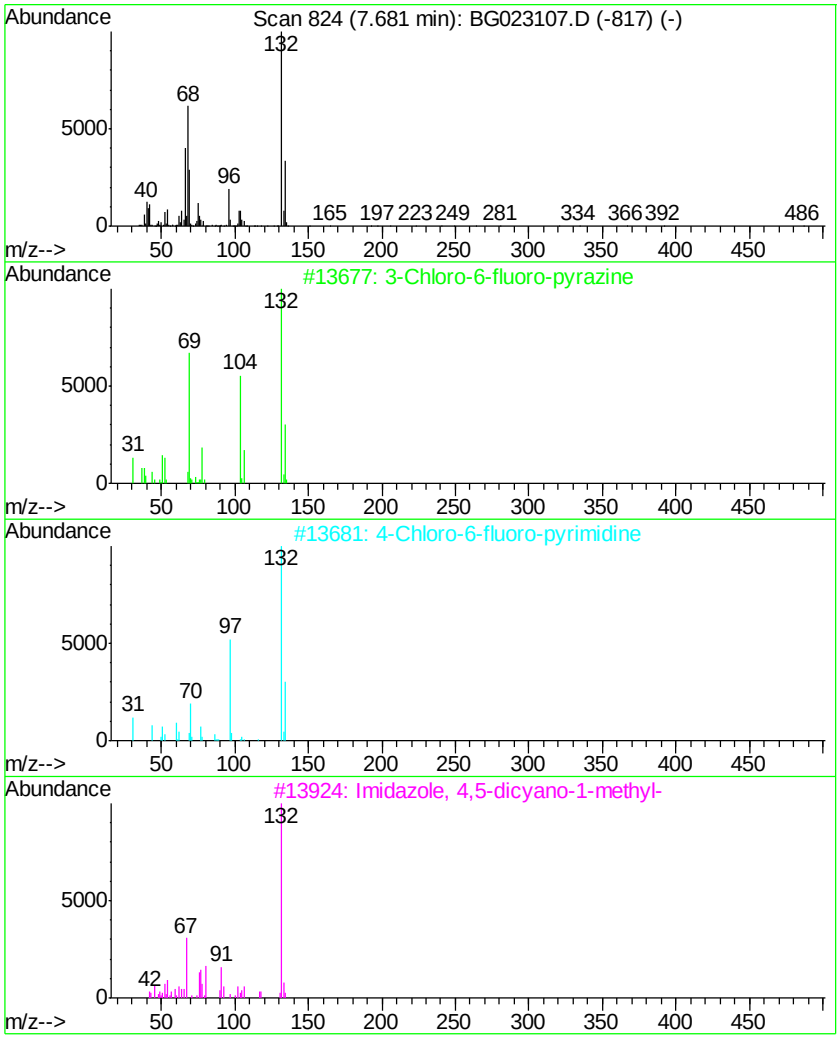
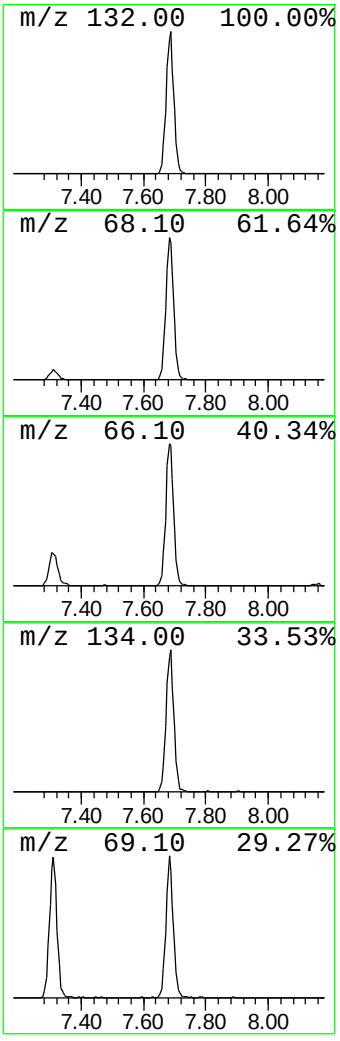
Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	74.11 ng	2601670	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	159.6	ng	5602140	1	8.15	702125	20.0
2-Pentanone, 4-hy...	5.23	8.0	ng	281417	1	8.15	702125	20.0
unknown7.68	7.68	74.1	ng	2601670	1	8.15	702125	20.0