LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040616.D
Acq On : 25 Apr 2019 18:38
Operator : JU/SJ
Sample : K2535-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-ER-2019-1

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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	3.160	7	12	22	rBV	351212	617218	12.03%	2.942%
2	3.236	22	25	31	rVB	73603	102001	1.99%	0.486%
3	5.681	435	441	449	rBV	410667	643446	12.54%	3.067%
4	7.285	707	714	724	rVB	277408	463995	9.05%	2.212%
5	7.678	772	781	790	rBV	768003	1321219	25.76%	6.298%
6	8.154	855	862	872	rVB	185726	319602	6.23%	1.524%
7	8.477	910	917	925	rBV	682381	1157939	22.58%	5.520%
8	9.329	1054	1062	1070	rBV	649473	1160330	22.62%	5.531%
9	10.980	1335	1343	1351	rVB	243012	433624	8.45%	2.067%
10	13.407	1748	1756	1763	rBV	1690397	2617222	51.03%	12.477%
11	14.782	1981	1990	2000	rBV2	412331	693027	13.51%	3.304%
12	16.268	2234	2243	2253	rBV	1658836	2469044	48.14%	11.770%
13	17.526	2451	2457	2468	rVB	646684	982308	19.15%	4.683%
14	17.972	2527	2533	2537	rBV2	48257	68194	1.33%	0.325%
15	18.383	2597	2603	2611	rBV3	43166	70848	1.38%	0.338%
16	20.128	2893	2900	2906	rBV	3908201	5129261	100.00%	24.452%
17	21.421	3116	3120	3127	rVB5	42511	53906	1.05%	0.257%
18	21.815	3181	3187	3196	rVB2	691374	1135095	22.13%	5.411%
19	22.625	3320	3325	3332	rBV3	34839	55237	1.08%	0.263%
20	23.348	3443	3448	3456	rVB4	47940	93991	1.83%	0.448%
21	24.200	3587	3593	3601	rVB2	50229	113148	2.21%	0.539%
22	25.193	3748	3762	3772	rBV2	386782	1198245	23.36%	5.712%
23	26.403	3962	3968	3975	rVB5	31755	77873	1.52%	0.371%

Sum of corrected areas: 20976773

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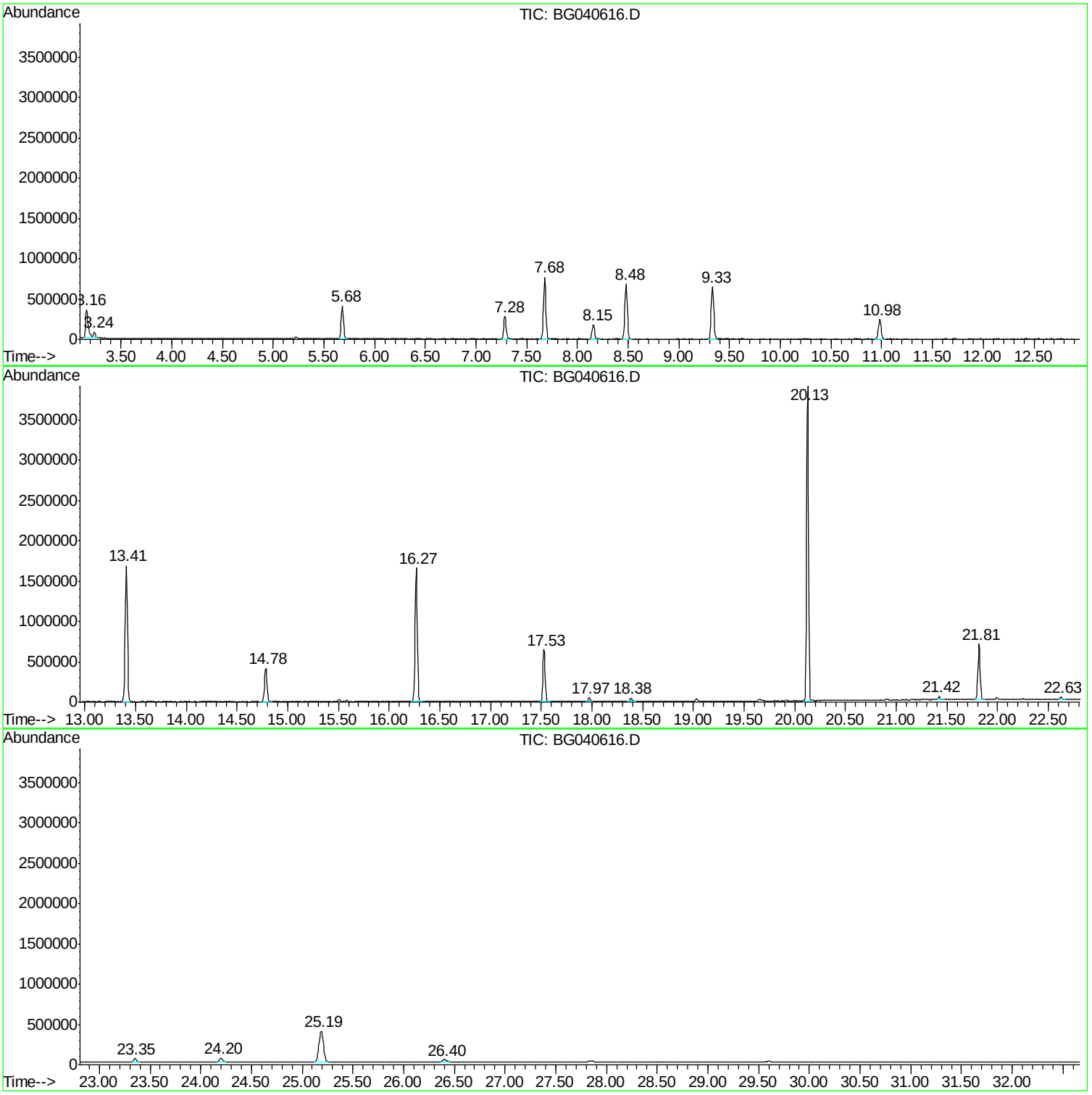
Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040616.D
Acq On : 25 Apr 2019 18:38
Operator : JU/SJ
Sample : K2535-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-ER-2019-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

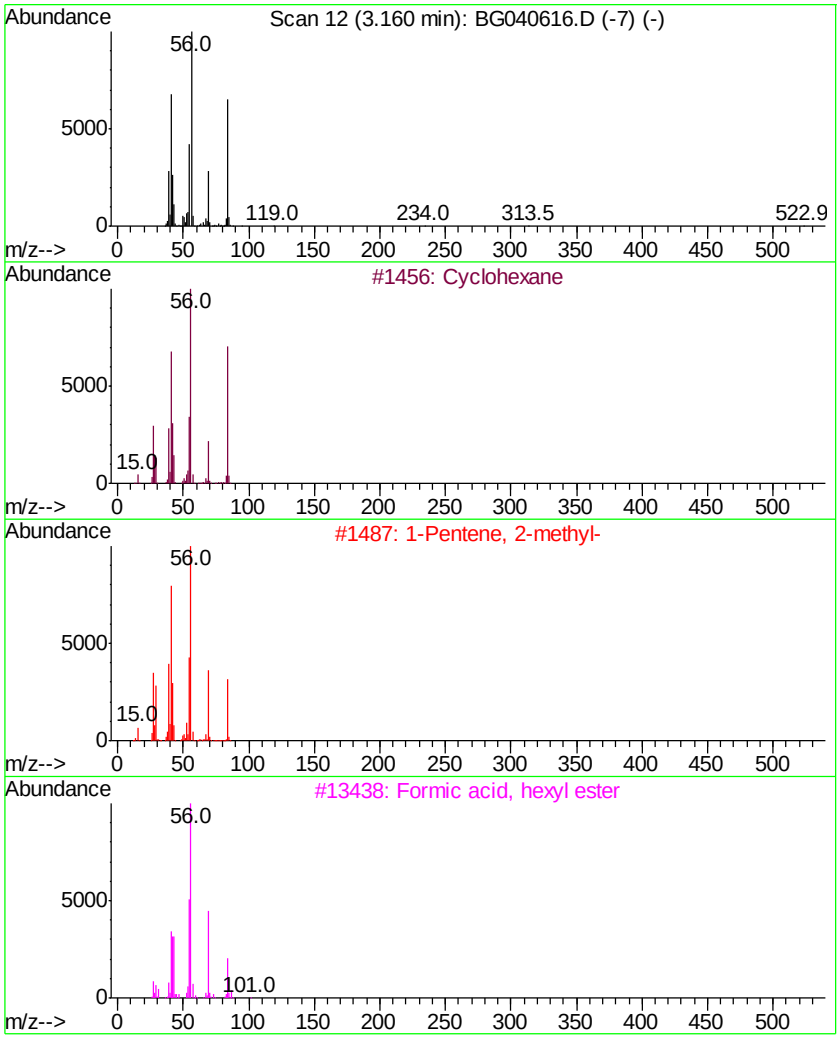
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

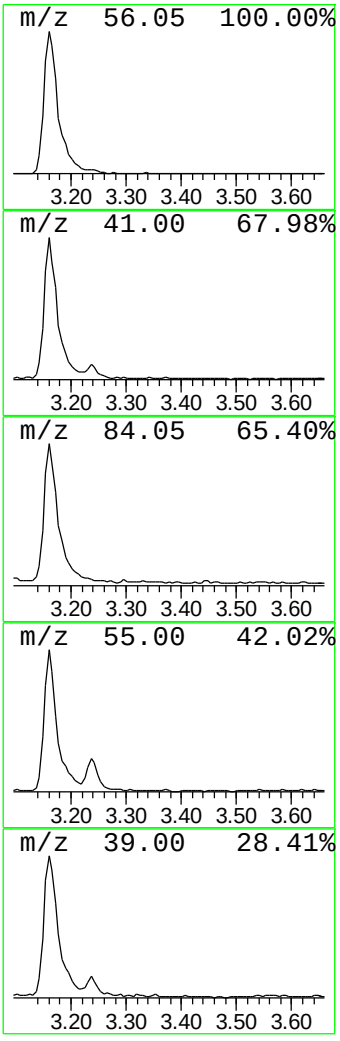
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	38.62 ng	617218	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	64
4	2-Acetylpiperidine	127	C7H13NO	097073-22-8	59
5	1-Hexene	84	C6H12	000592-41-6	53





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ClientSampleId : S37-ER-2019-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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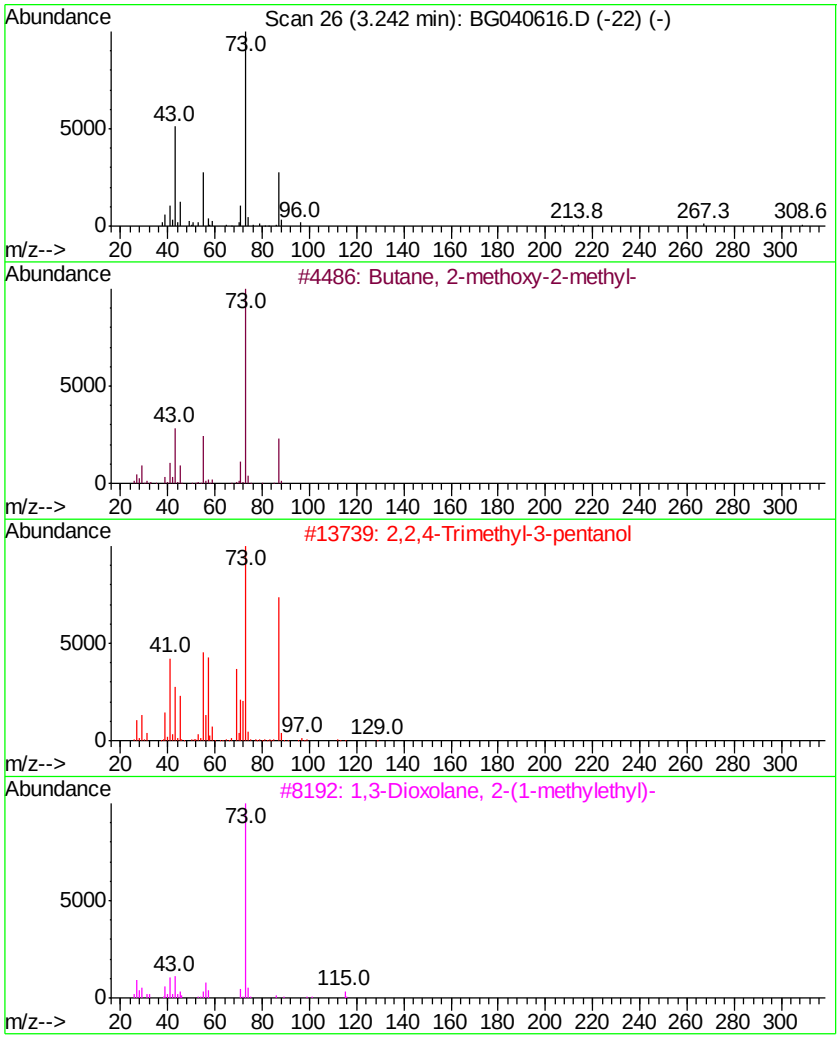
TIC Integration Parameters: LSCINT.P

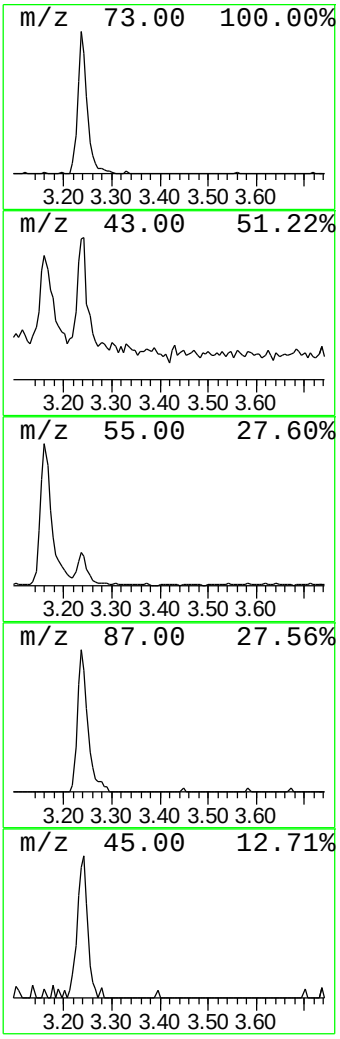
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	6.38 ng	102001	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	35
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	23
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	12





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Sample : K2535-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-ER-2019-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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TIC Integration Parameters: LSCINT.P

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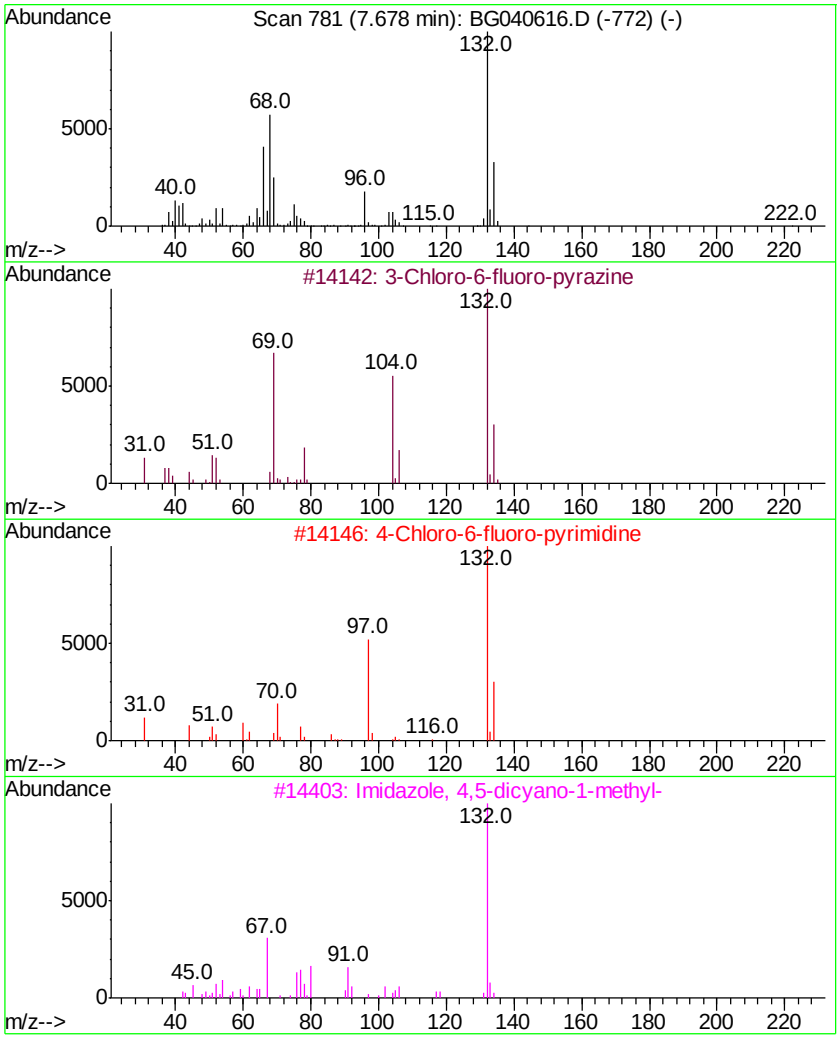
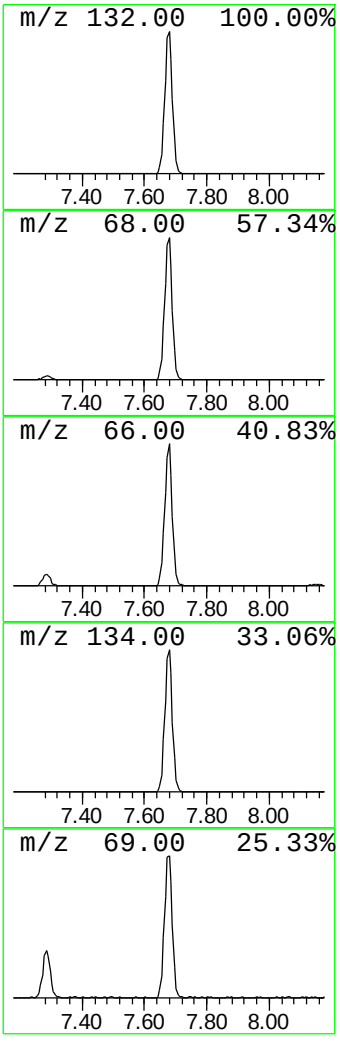
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	82.68 ng	1321220	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	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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
1-Pentene, 2-methyl-	3.16	38.6	ng	617218	1	8.15	319602	20.0
Butane, 2-methoxy...	3.24	6.4	ng	102001	1	8.15	319602	20.0
unknown7.68	7.68	82.7	ng	1321220	1	8.15	319602	20.0