LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043733.D
Acq On : 20 Nov 2019 18:30
Operator : JU
Sample : K5904-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 12-(4-6)

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-BG102119.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	3.146	5	10	22	rVB	75794	112373	5.07%	1.055%
2	5.091	333	341	349	rBV	94380	150509	6.79%	1.413%
3	5.579	417	424	439	rBV	416234	727820	32.83%	6.834%
4	7.183	689	697	710	rBV	426881	855932	38.61%	8.037%
5	7.529	748	756	768	rBV	454097	822283	37.09%	7.721%
6	7.988	827	834	844	rBV	89771	157358	7.10%	1.478%
7	8.311	881	889	903	rBV	334452	594607	26.82%	5.583%
8	9.151	1023	1032	1047	rBV	219321	466680	21.05%	4.382%
9	10.796	1304	1312	1332	rBV	85670	207842	9.37%	1.952%
10	13.240	1721	1728	1738	rBV	611113	1064077	47.99%	9.992%
11	14.075	1862	1870	1883	rBV2	48014	103785	4.68%	0.975%
12	14.621	1956	1963	1977	rBV2	181156	319361	14.40%	2.999%
13	16.114	2210	2217	2232	rBV	547252	997621	45.00%	9.368%
14	17.365	2424	2430	2447	rBV	225912	432100	19.49%	4.057%
15	17.483	2447	2450	2460	rVB5	16384	29621	1.34%	0.278%
16	19.974	2868	2874	2887	rBV	1600343	2217098	100.00%	20.819%
17	21.278	3091	3096	3098	rBV6	13834	24429	1.10%	0.229%
18	21.631	3146	3156	3170	rBV2	283147	562835	25.39%	5.285%
19	22.406	3283	3288	3294	rVB	17316	24075	1.09%	0.226%
20	23.082	3396	3403	3410	rBV4	22896	38340	1.73%	0.360%
21	23.869	3532	3537	3544	rVB2	25200	48446	2.19%	0.455%
22	24.803	3684	3696	3715	rBV2	199648	619795	27.96%	5.820%
23	25.902	3874	3883	3891	rBV6	17989	48455	2.19%	0.455%
24	27.224	4099	4108	4115	rBV6	7897	24011	1.08%	0.225%

Sum of corrected areas: 10649453

LSC Report - Integrated Chromatogram

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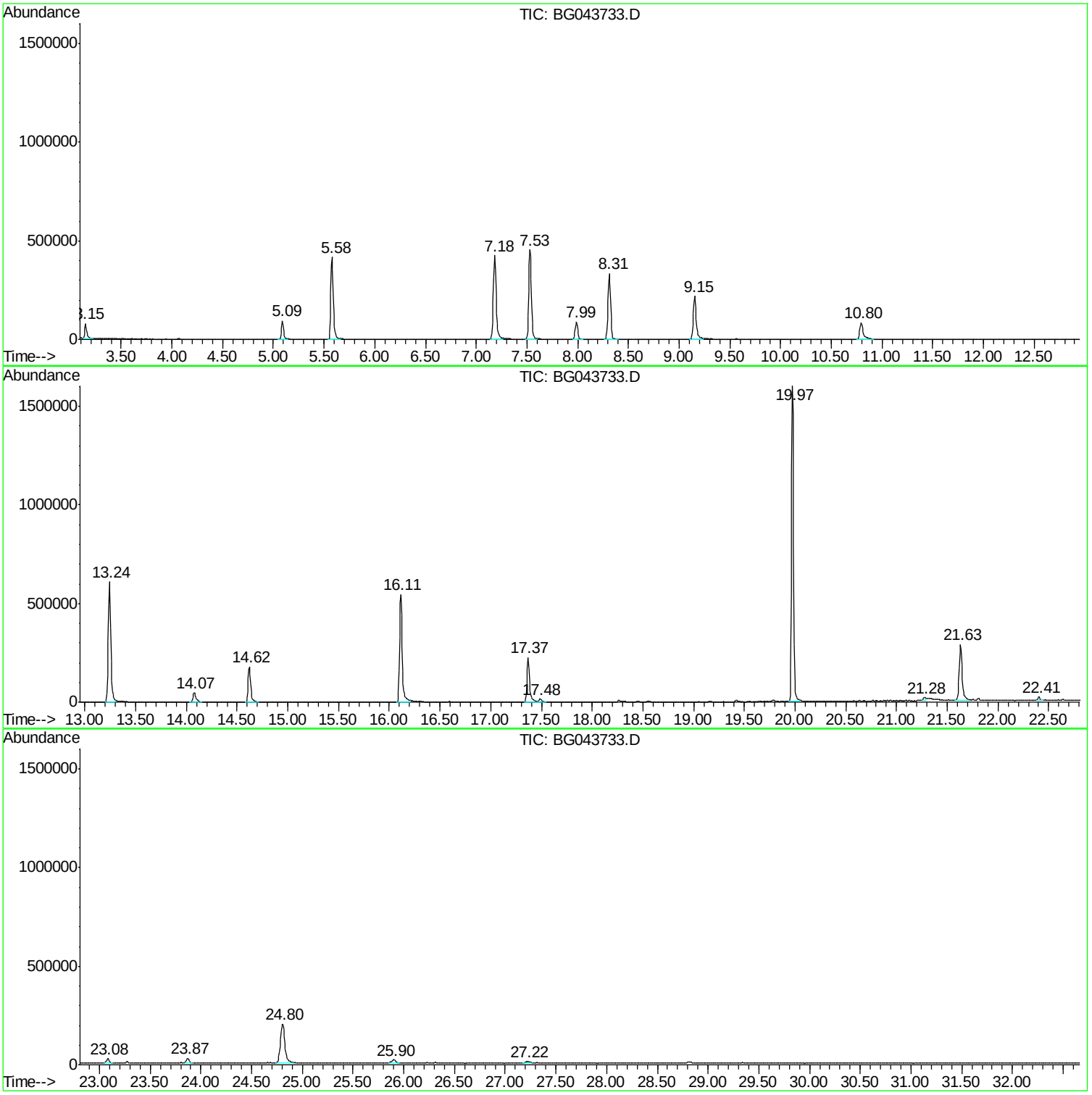
Instrument : BNA_G
ClientSampleId : 12-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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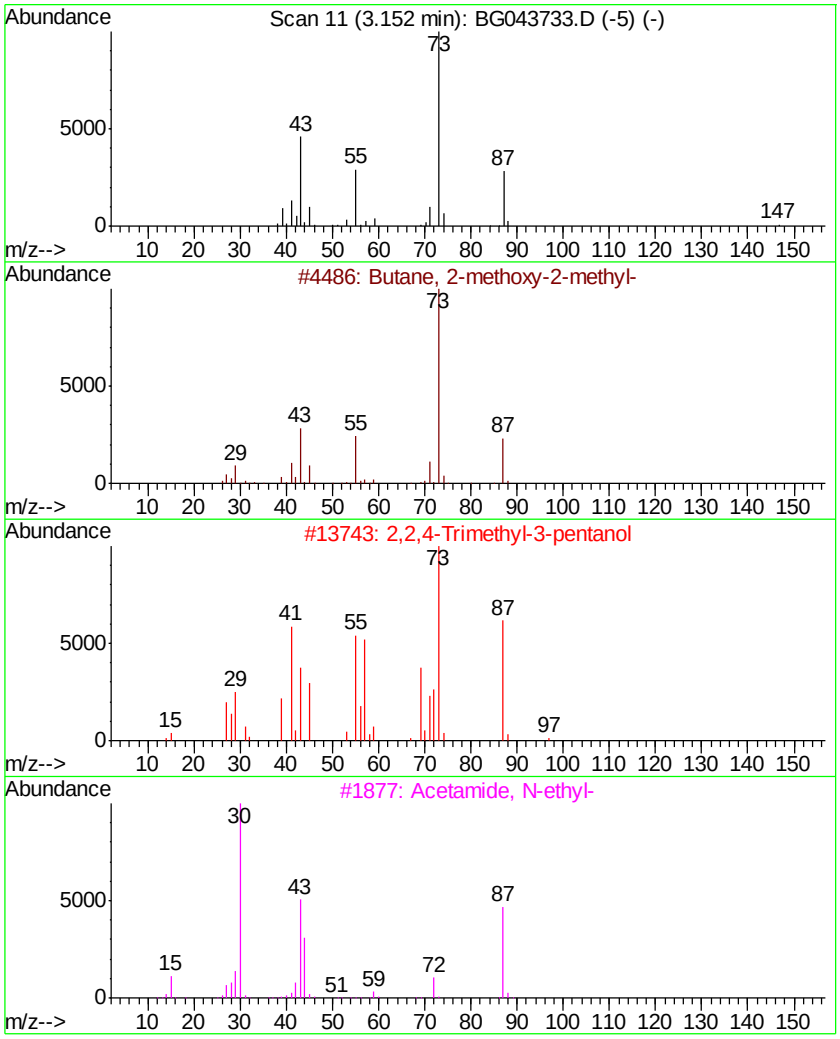
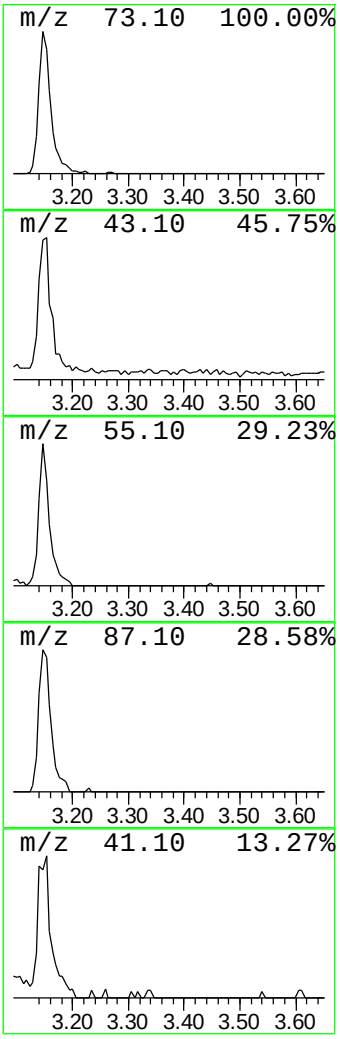
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	14.28 ng	112373	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_G
ClientSampleId : 12-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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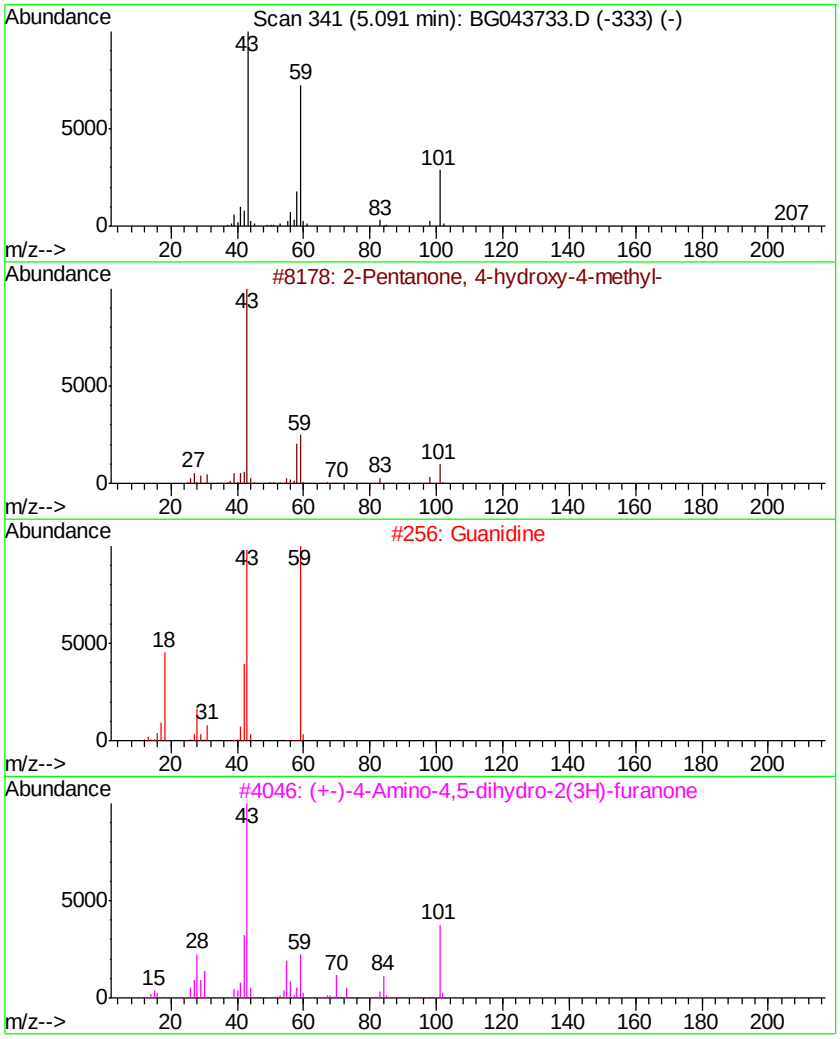
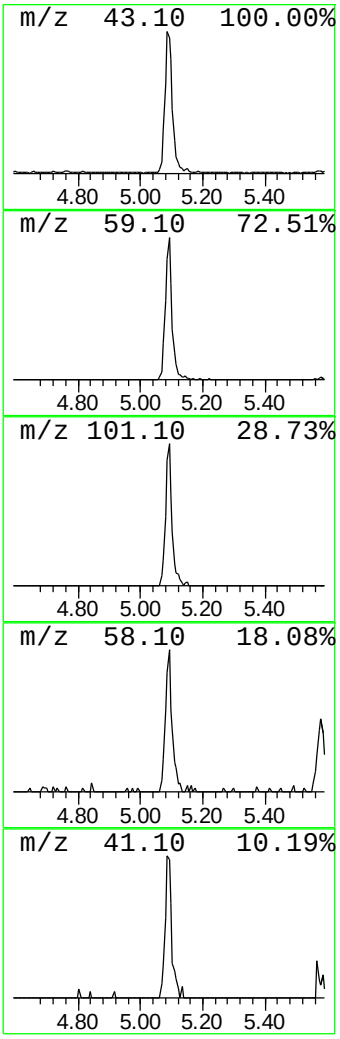
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	19.13 ng	150509	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	43
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
4	Dimethadione	129	C5H7NO3	000695-53-4	33
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 12-(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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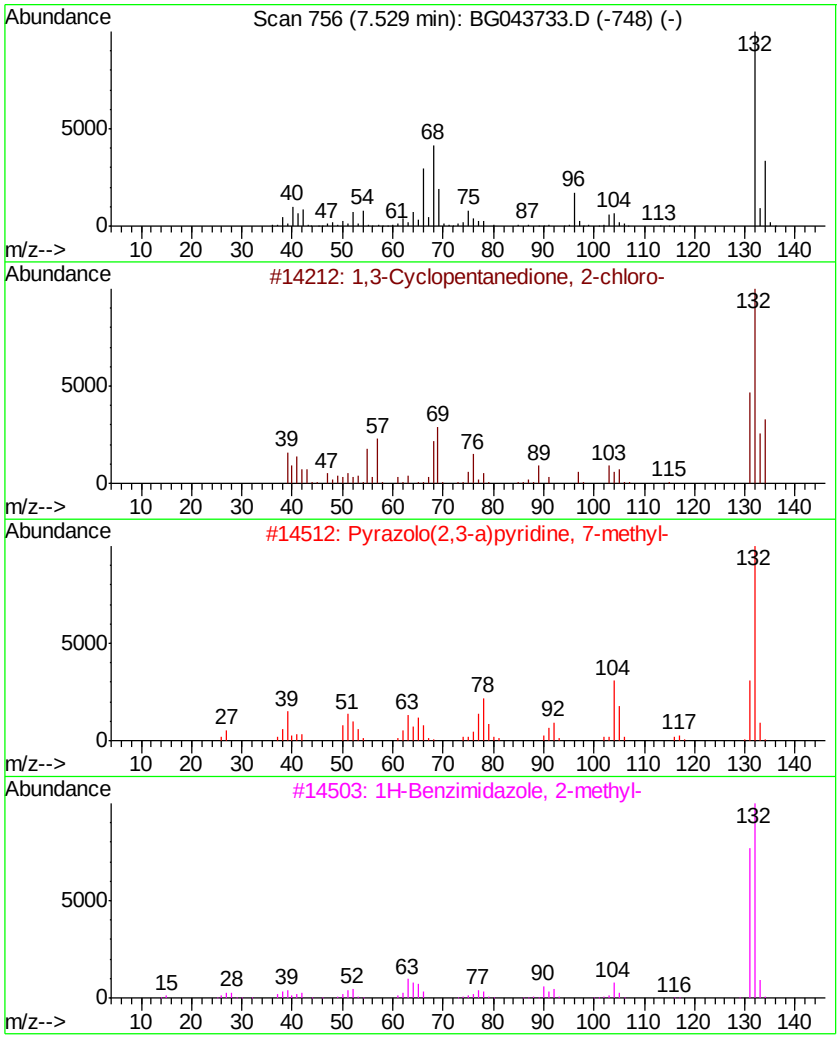
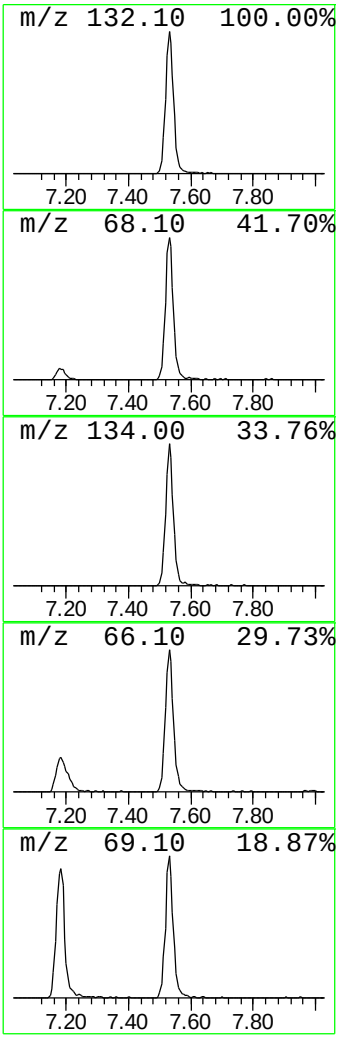
Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	104.51 ng	822283	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	14.3	ng	112373	1	7.99	157358	20.0
2-Pentanone, 4-hy...	5.09	19.1	ng	150509	1	7.99	157358	20.0
unknown7.53	7.53	104.5	ng	822283	1	7.99	157358	20.0