LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015236.D
Acq On : 20 Apr 2020 20:57
Operator : SY/VA
Sample : L2346-06
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

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:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	35	41	47	rBV	9479	17387	22.98%	3.841%
2	2.233	48	54	55	rBV3	3316	5410	7.15%	1.195%
3	3.452	250	254	257	rVB4	531	797	1.05%	0.176%
4	4.306	389	394	400	rVB5	299	867	1.15%	0.192%
5	4.385	402	407	422	rVB	2008	6242	8.25%	1.379%
6	4.922	488	495	496	rBV2	1171	1858	2.46%	0.410%
7	7.129	847	857	867	rBV	7164	21040	27.81%	4.648%
8	7.891	974	982	987	rBV	11157	26610	35.17%	5.878%
9	7.952	987	992	1002	rVB	23090	50982	67.39%	11.262%
10	8.263	1039	1043	1044	rVV3	706	947	1.25%	0.209%
11	8.311	1044	1051	1060	rVB2	9685	20897	27.62%	4.616%
12	8.848	1130	1139	1149	rBV	29086	58527	77.36%	12.928%
13	10.323	1374	1381	1393	rVB	40258	75655	100.00%	16.712%
14	10.476	1401	1406	1408	rBV4	600	1111	1.47%	0.245%
15	10.707	1439	1444	1450	rBV3	3437	5489	7.26%	1.212%
16	11.067	1496	1503	1508	rVV3	1290	2578	3.41%	0.569%
17	11.445	1559	1565	1570	rVB3	2113	3725	4.92%	0.823%
18	11.634	1589	1596	1603	rBV	32733	57383	75.85%	12.676%
19	11.841	1625	1630	1632	rBV3	467	857	1.13%	0.189%
20	12.615	1749	1757	1766	rVB2	28222	53965	71.33%	11.921%
21	12.932	1803	1809	1815	rBV2	1338	2329	3.08%	0.514%
22	13.298	1864	1869	1876	rBV2	1623	2339	3.09%	0.517%
23	13.560	1906	1912	1918	rBV	15151	24809	32.79%	5.480%
24	14.072	1991	1996	2001	rBV3	3321	5394	7.13%	1.192%
25	14.201	2015	2017	2021	rVB4	809	813	1.07%	0.180%
26	14.316	2030	2036	2037	rBV5	744	1318	1.74%	0.291%
27	15.438	2213	2220	2224	rVV6	1343	2201	2.91%	0.486%
28	15.493	2227	2229	2233	rVV4	925	1175	1.55%	0.260%

Sum of corrected areas: 452705

LSC Report - Integrated Chromatogram

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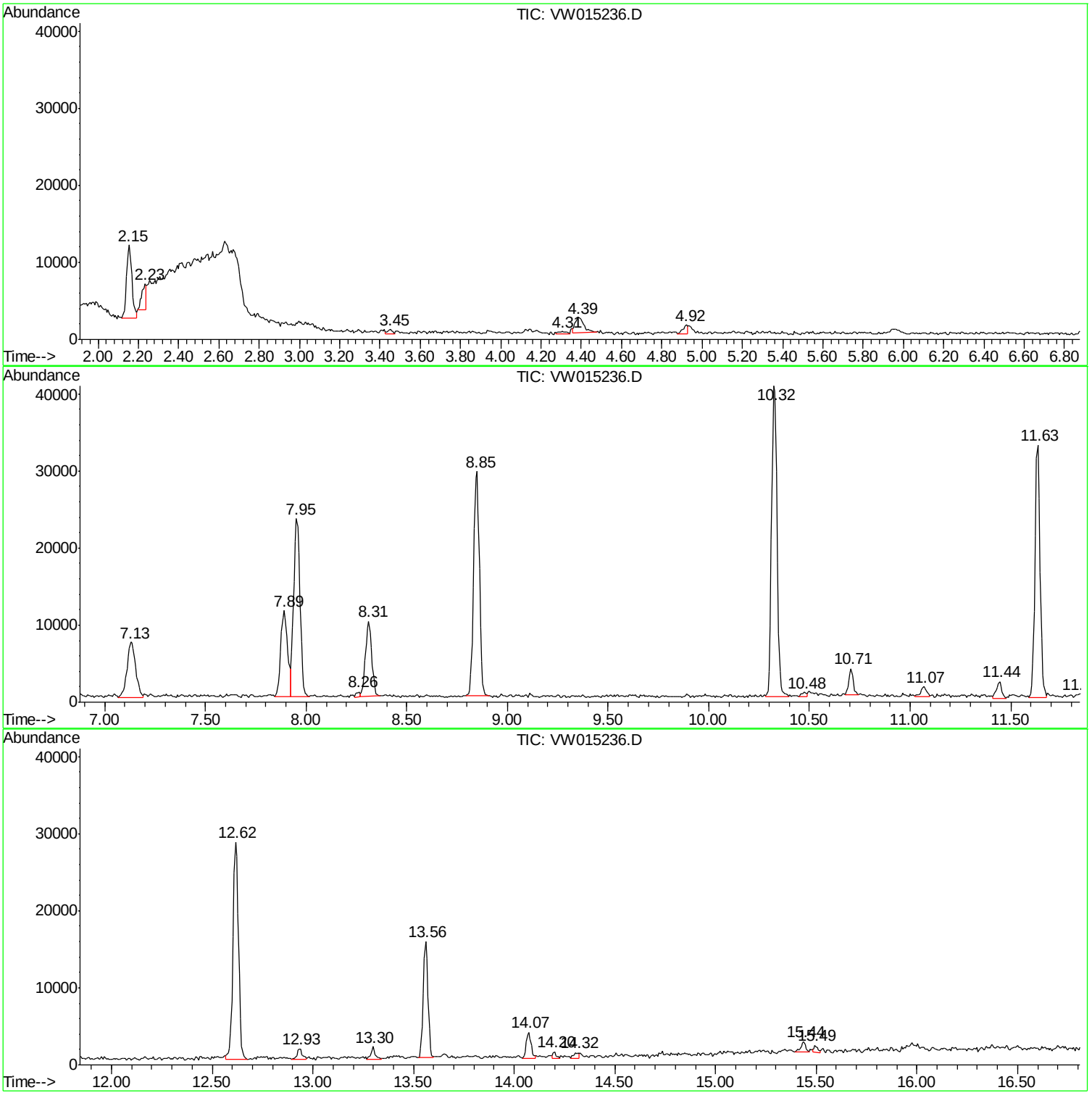
Instrument : MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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ClientSampleId :

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Quant Title : SW846 8260

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

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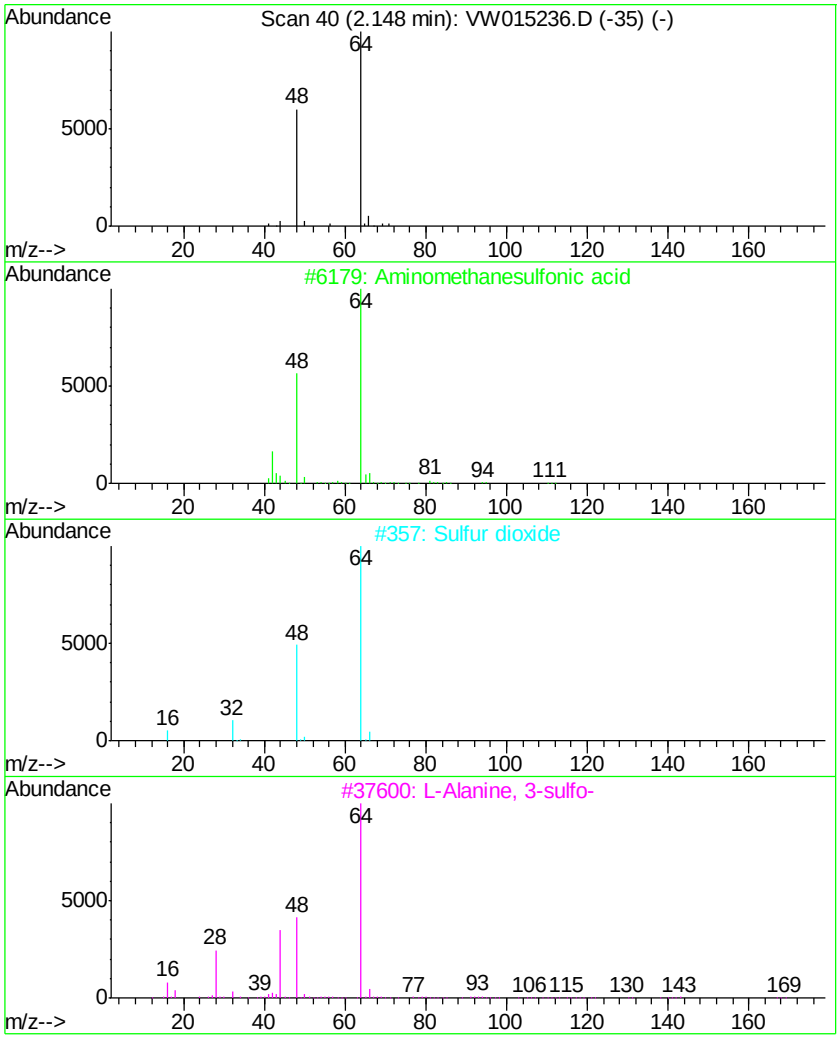
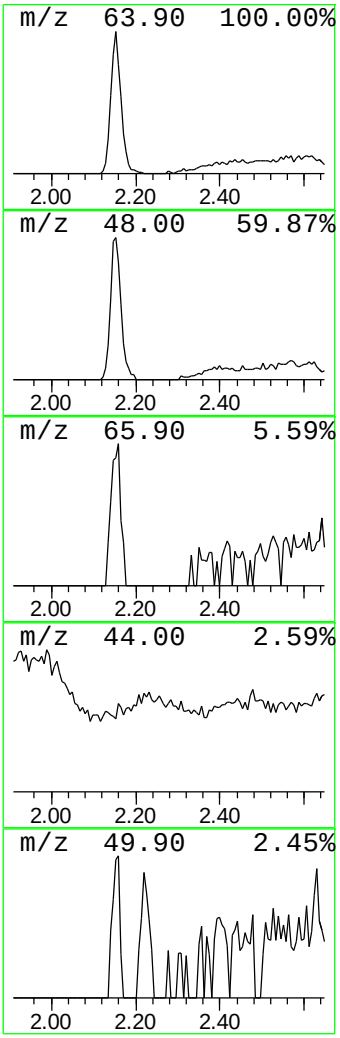
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	17.05 ug/l	17387	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4





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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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

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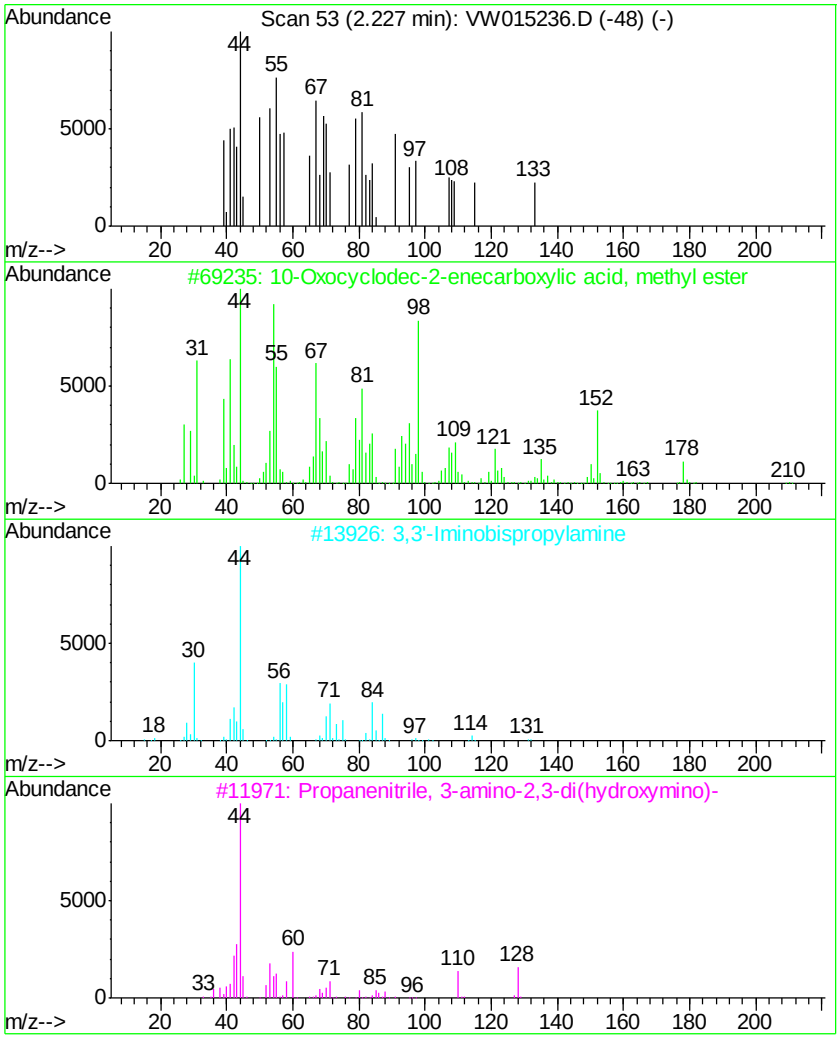
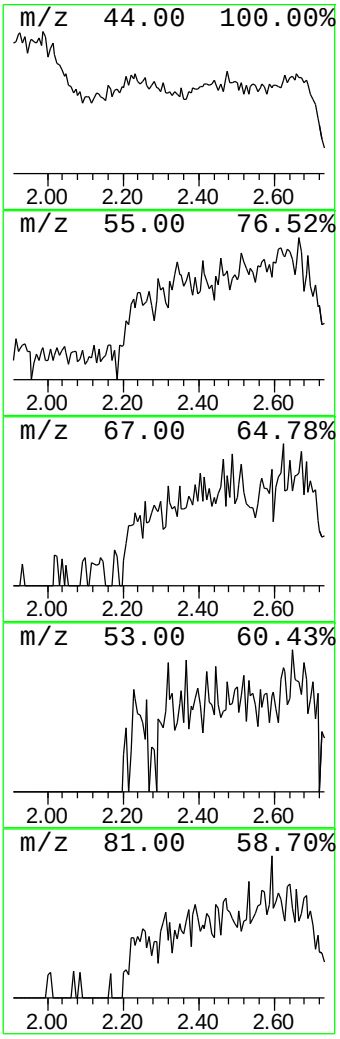
Peak Number 2 unknown2.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	5.31 ug/l	5410	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Oxocyclodec-2-enecarboxylic a...	210	C12H18O3	1000193-65-2	23
2	3,3'-Iminobispropylamine	131	C6H17N3	000056-18-8	14
3	Propanenitrile, 3-amino-2,3-di(h...	128	C3H4N4O2	206363-14-6	12
4	Adenine-9-propanoic acid, .alpha...	322	C13H18N6O4	055387-36-5	9
5	3,5-Dimethylamphetamine	163	C11H17N	075659-63-1	9





Library Search Compound Report

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Instrument : MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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

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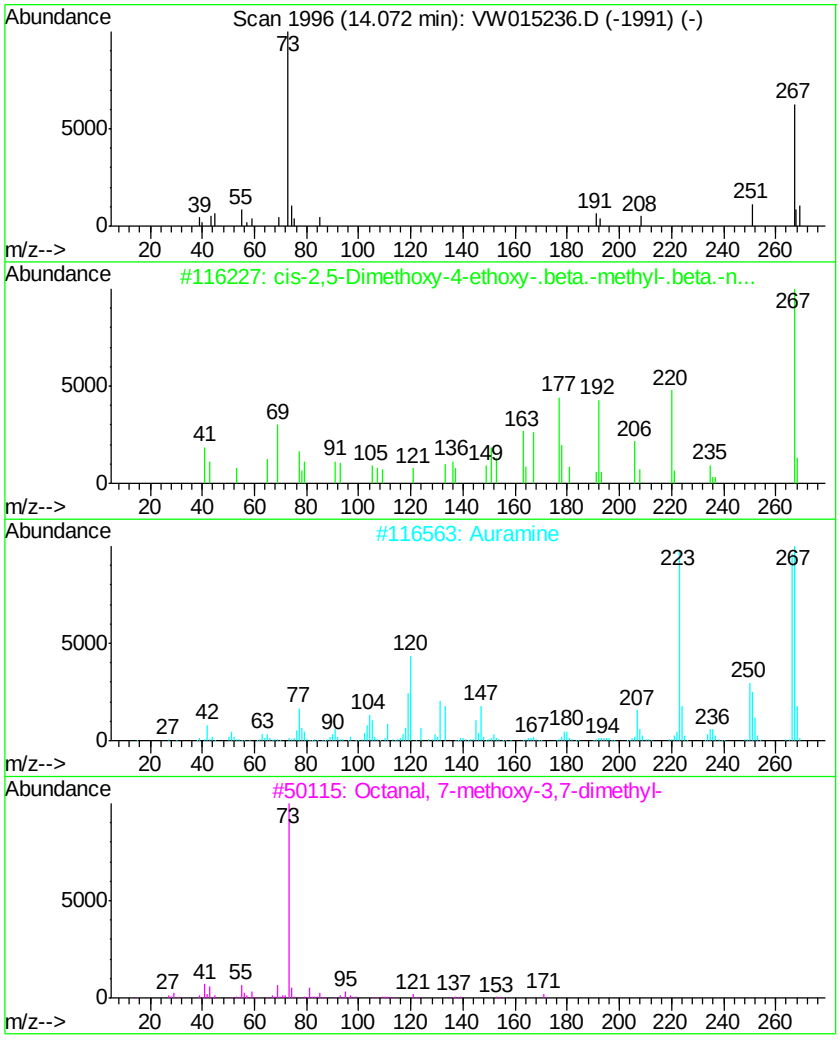
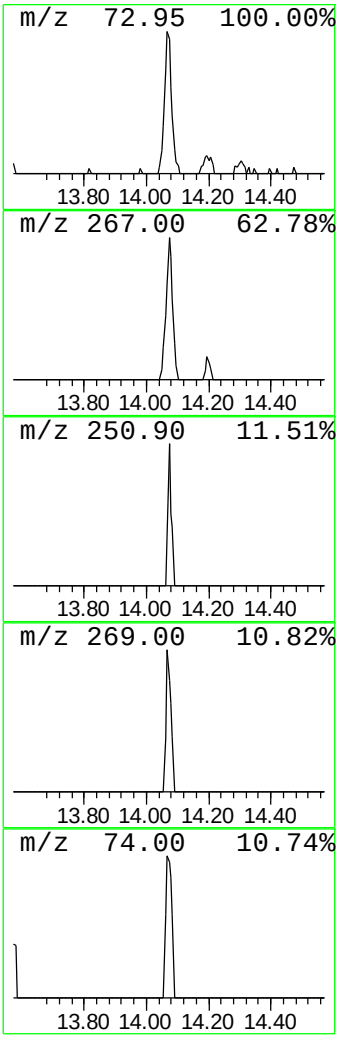
Peak Number 5 unknown14.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	10.87 ug/l	5394	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,5-Dimethoxy-4-ethoxy-.beta...	267	C13H17NO5	017229-51-5	38
2	Auramine	267	C17H21N3	000492-80-8	32
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	9
4	1,3-Dioxolane, 2-(5-bromopentyl)-	222	C8H15BrO2	056741-68-5	9
5	3-Amino-2-[2-methoxyphenyl]-4H-1...	267	C16H13NO3	187585-10-0	7





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aminomethanesulfo...	2.15	17.1	ug/l	17387	1	7.95	50982	50.0
unknown2.23	2.23	5.3	ug/l	5410	1	7.95	50982	50.0
unknown14.07	14.07	10.9	ug/l	5394	4	13.56	24809	50.0