LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
Data File : VD066566.D
Acq On : 04 Sep 2020 16:40
Operator : VA/SY
Sample : L3876-10
Misc : 1.03G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1451-52

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_D\METHOD\82D090320S.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	2.315	62	67	70	rBV6	15806	22919	1.00%	0.157%
2	4.962	506	517	536	rBV4	51077	198830	8.72%	1.361%
3	5.997	684	693	704	rBV4	13122	39799	1.75%	0.272%
4	7.197	890	897	905	rBV3	16347	46190	2.03%	0.316%
5	7.479	933	945	961	rBV	480931	1253791	54.98%	8.583%
6	7.703	974	983	991	rBV4	16415	47591	2.09%	0.326%
7	7.914	1009	1019	1024	rBV	324465	798161	35.00%	5.464%
8	7.973	1024	1029	1044	rVB	575810	1304889	57.22%	8.933%
9	8.326	1074	1089	1101	rBV2	319370	833402	36.54%	5.705%
10	8.861	1167	1180	1189	rBV	838667	1723415	75.57%	11.798%
11	10.338	1423	1431	1442	rBV	1245188	2280604	100.00%	15.612%
12	10.726	1491	1497	1501	rBV2	26358	44973	1.97%	0.308%
13	11.185	1572	1575	1579	rBV6	14612	25527	1.12%	0.175%
14	11.420	1608	1615	1616	rBV7	13351	25781	1.13%	0.176%
15	11.644	1646	1653	1660	rBV	1068384	1867550	81.89%	12.785%
16	11.744	1665	1670	1676	rVB	70937	124014	5.44%	0.849%
17	12.632	1815	1821	1829	rVB	863277	1442213	63.24%	9.873%
18	12.791	1841	1848	1858	rVB8	99983	339551	14.89%	2.324%
19	13.273	1927	1930	1933	rVB3	28157	33030	1.45%	0.226%
20	13.579	1975	1982	1988	rBV	994498	1667027	73.10%	11.412%
21	13.832	2021	2025	2034	rVB9	74547	202229	8.87%	1.384%
22	15.408	2287	2293	2298	rVB	82353	146021	6.40%	1.000%
23	16.502	2474	2479	2486	rVB3	36751	76412	3.35%	0.523%
24	16.714	2508	2515	2520	rBV7	28580	63717	2.79%	0.436%

Sum of corrected areas: 14607636

LSC Report - Integrated Chromatogram

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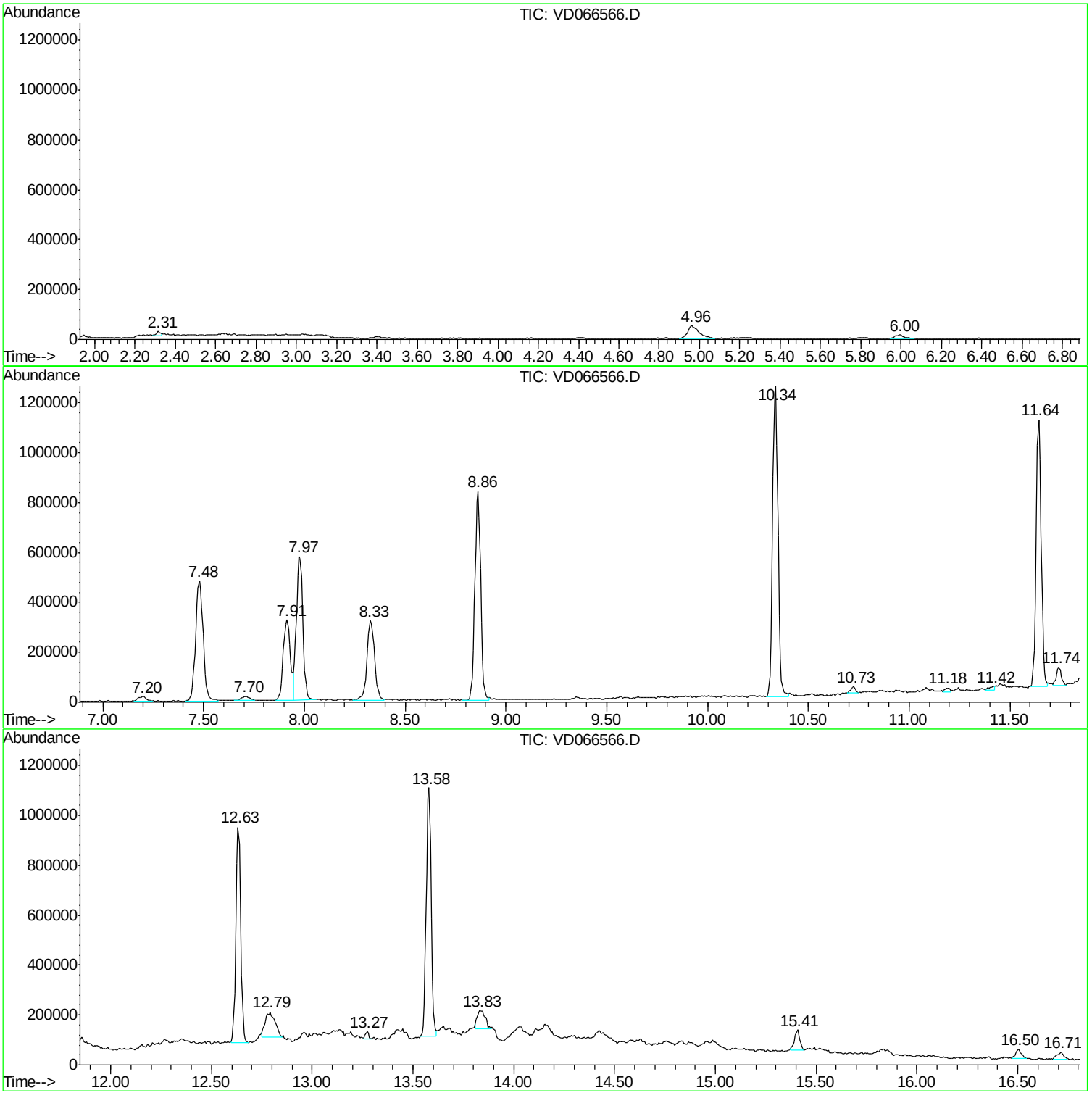
Instrument :
MSVOA_D
ClientSampleId :
1451-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Operator : VA/SY
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Instrument : MSVOA_D
ClientSampleId : 1451-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260

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

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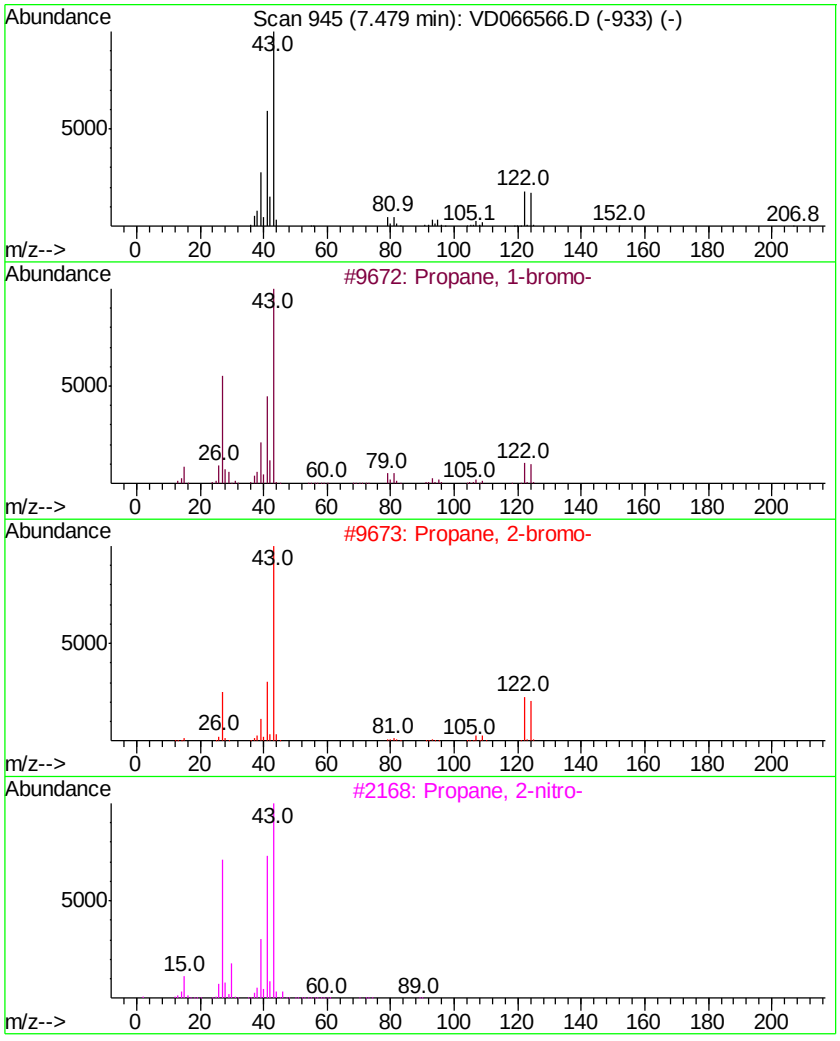
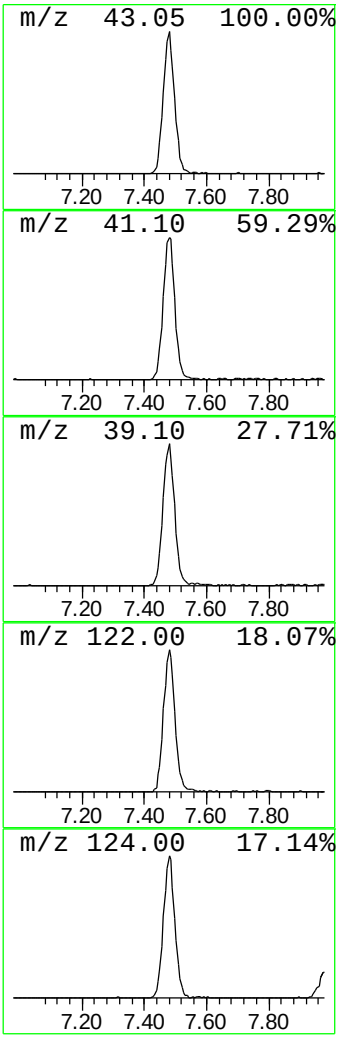
Peak Number 2 Propane, 1-bromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	48.04 ug/l	1253790	Pentafluorobenzene	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-	122	C3H7Br	000106-94-5	91
2	Propane, 2-bromo-	122	C3H7Br	000075-26-3	53
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	23
4	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	9
5	Bromoacetone	136	C3H5BrO	000598-31-2	9





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1451-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260

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

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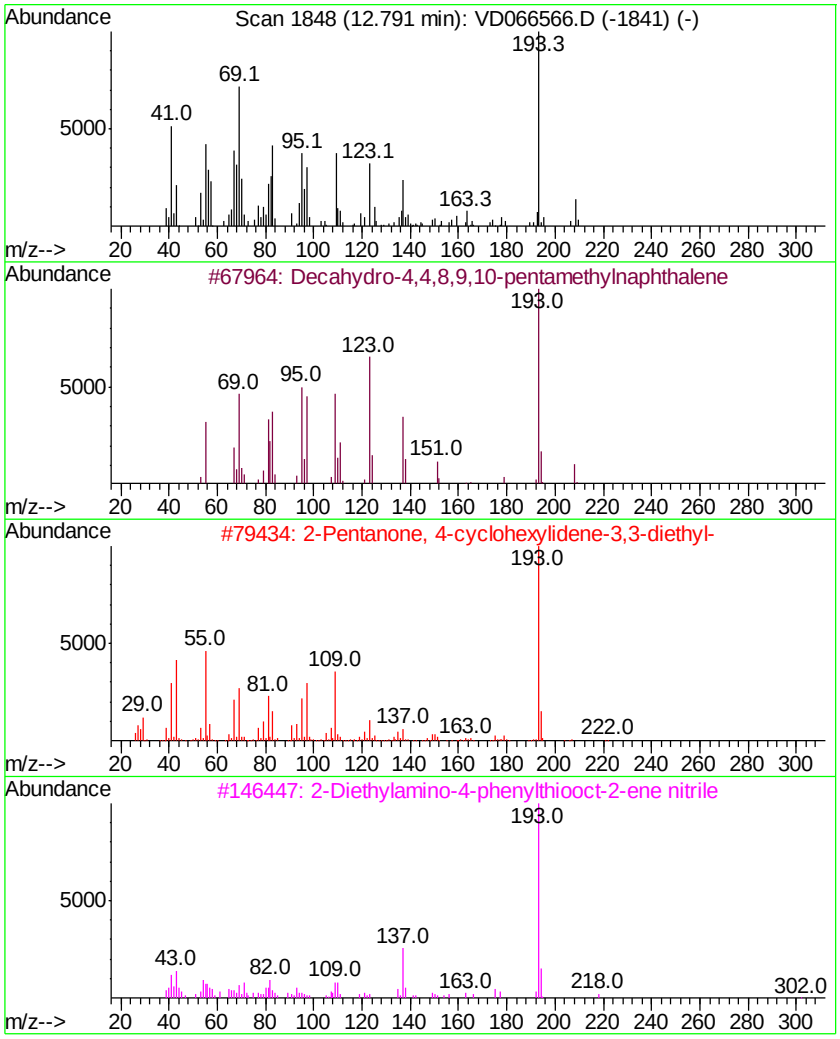
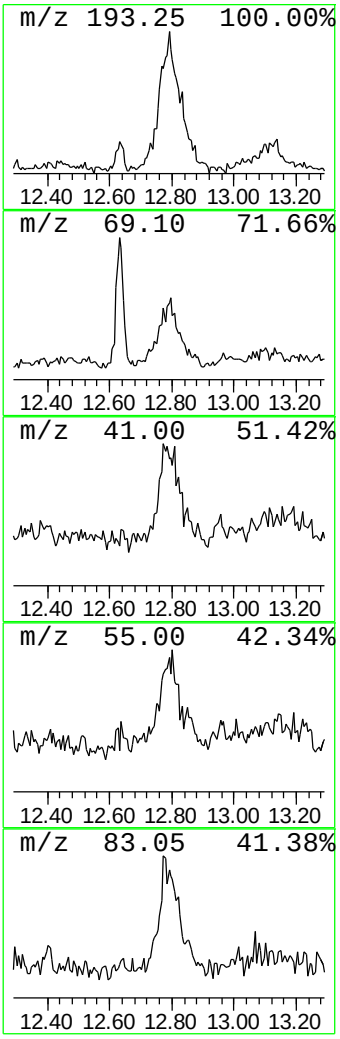
Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	10.18 ug/l	339551	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
3	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	16
4	2-Anthracenamine	193	C14H11N	000613-13-8	14
5	1,1':3',1''-Tercyclopentane	206	C15H26	006051-40-7	14





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1451-52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260

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

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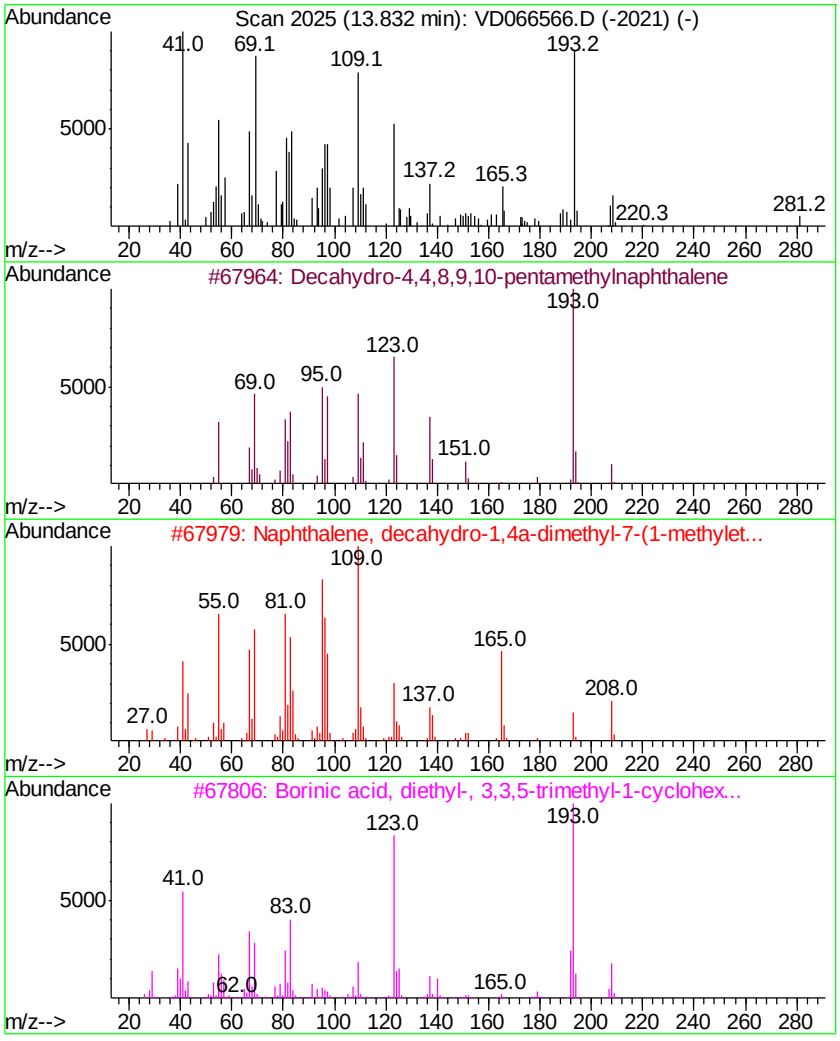
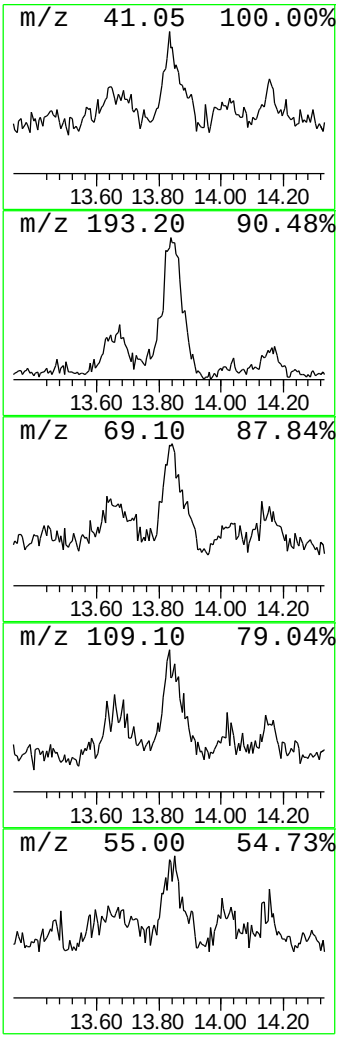
Peak Number 4 unknown13.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.07 ug/l	202229	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	35
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	30
4	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1000195-30-1	22
5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	14





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
Propane, 1-bromo-	7.48	48.0	ug/l	1253790	1	7.97	1304890	50.0
Decahydro-4,4,8,9...	12.79	10.2	ug/l	339551	4	13.58	1667030	50.0
unknown13.83	13.83	6.1	ug/l	202229	4	13.58	1667030	50.0