LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012159.D
Acq On : 14 Oct 2017 06:15
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-59(5-7)-100317

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.834	461	467	471	rVB3	6803	12756	9.40%	1.141%
2	6.798	627	631	635	rBV5	10676	14901	10.99%	1.332%
3	6.957	653	658	661	rBV4	7388	15435	11.38%	1.380%
4	7.004	662	666	678	rVB3	27640	68197	50.28%	6.098%
5	7.163	686	693	699	rBV	32438	68692	50.64%	6.142%
6	7.363	721	727	734	rBV	47169	88610	65.33%	7.923%
7	7.469	741	745	751	rVB	21491	34495	25.43%	3.084%
8	7.828	801	806	819	rVB	65291	135635	100.00%	12.128%
9	7.939	819	825	831	rBV5	9414	21550	15.89%	1.927%
10	8.545	922	928	937	rBV4	24171	55946	41.25%	5.002%
11	9.004	999	1006	1017	rBV2	30887	77367	57.04%	6.918%
12	9.722	1122	1128	1138	rBV2	23340	52543	38.74%	4.698%
13	10.269	1215	1221	1231	rBV4	12700	30418	22.43%	2.720%
14	10.628	1276	1282	1289	rBV2	52421	105095	77.48%	9.397%
15	13.880	1830	1835	1840	rBV	19789	32091	23.66%	2.869%
16	13.927	1840	1843	1848	rVB2	8494	12673	9.34%	1.133%
17	14.168	1879	1884	1890	rBV3	25905	45062	33.22%	4.029%
18	14.321	1902	1910	1923	rBV3	21199	55845	41.17%	4.993%
19	14.474	1932	1936	1942	rBV2	29267	46882	34.56%	4.192%
20	15.474	2100	2106	2112	rBV2	22149	39372	29.03%	3.520%
21	17.227	2399	2404	2407	rBV2	14633	23912	17.63%	2.138%
22	17.268	2407	2411	2415	rVB2	12826	19557	14.42%	1.749%
23	17.321	2417	2420	2427	rBV4	13304	28804	21.24%	2.575%
24	18.098	2547	2552	2557	rBV9	15655	32557	24.00%	2.911%

Sum of corrected areas: 1118395

LSC Report - Integrated Chromatogram

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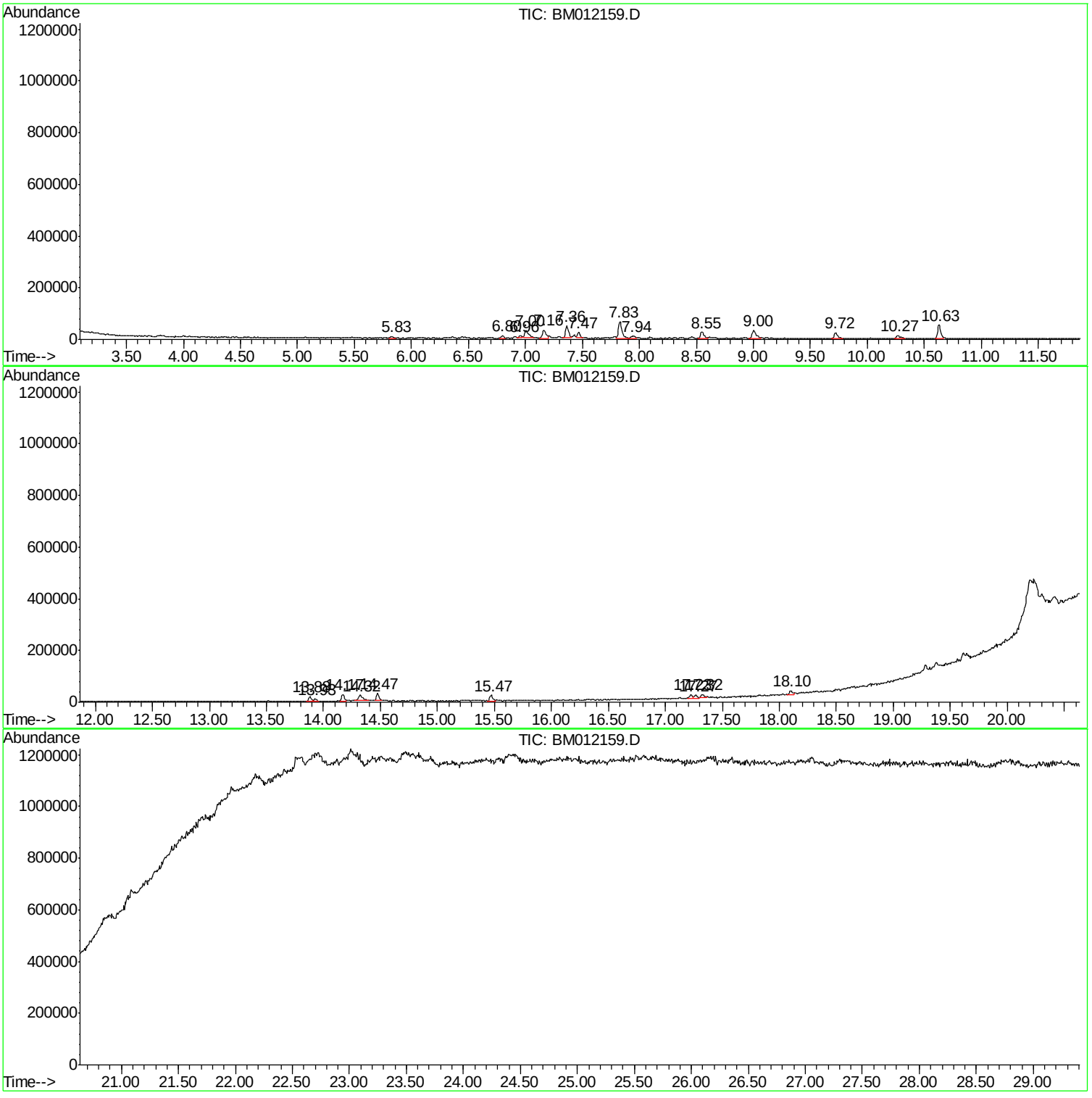
Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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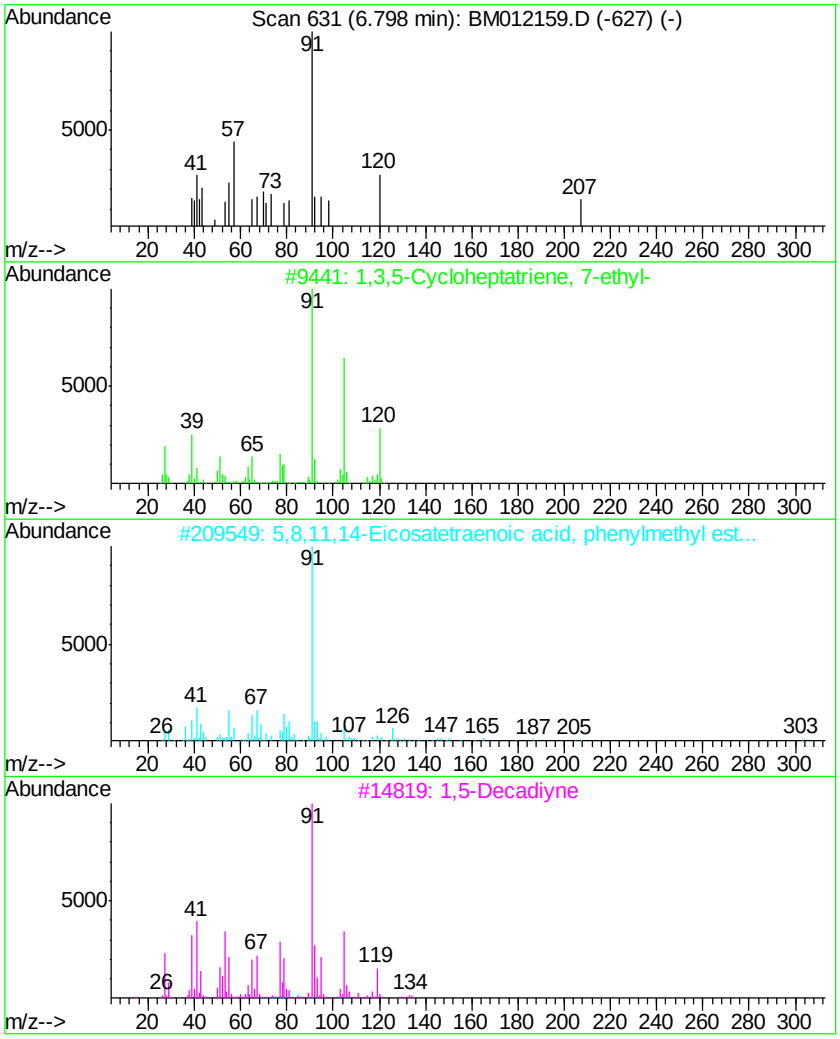
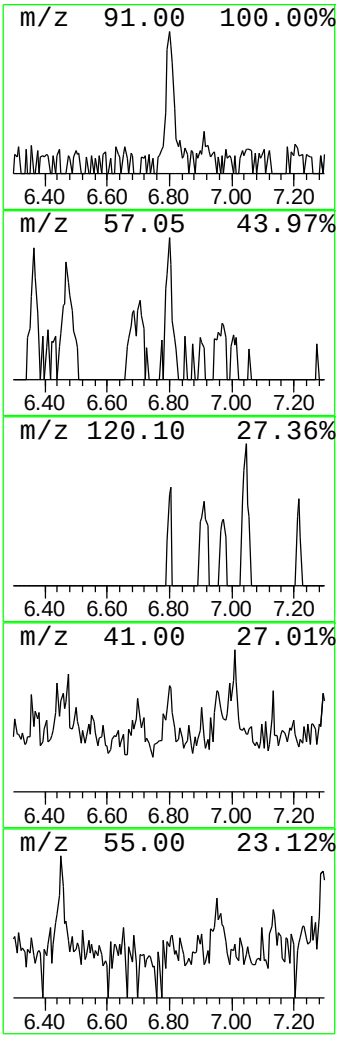
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	2.20 ng/ul	14901	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	38
2	5,8,11,14-Eicosatetraenoic acid,...	394	C27H38O2	077509-05-8	17
3	1,5-Decadiyne	134	C10H14	053963-03-4	12
4	1,5-Decadiyne	134	C10H14	053963-03-4	10
5	1,6-Heptadiyne	92	C7H8	002396-63-6	9





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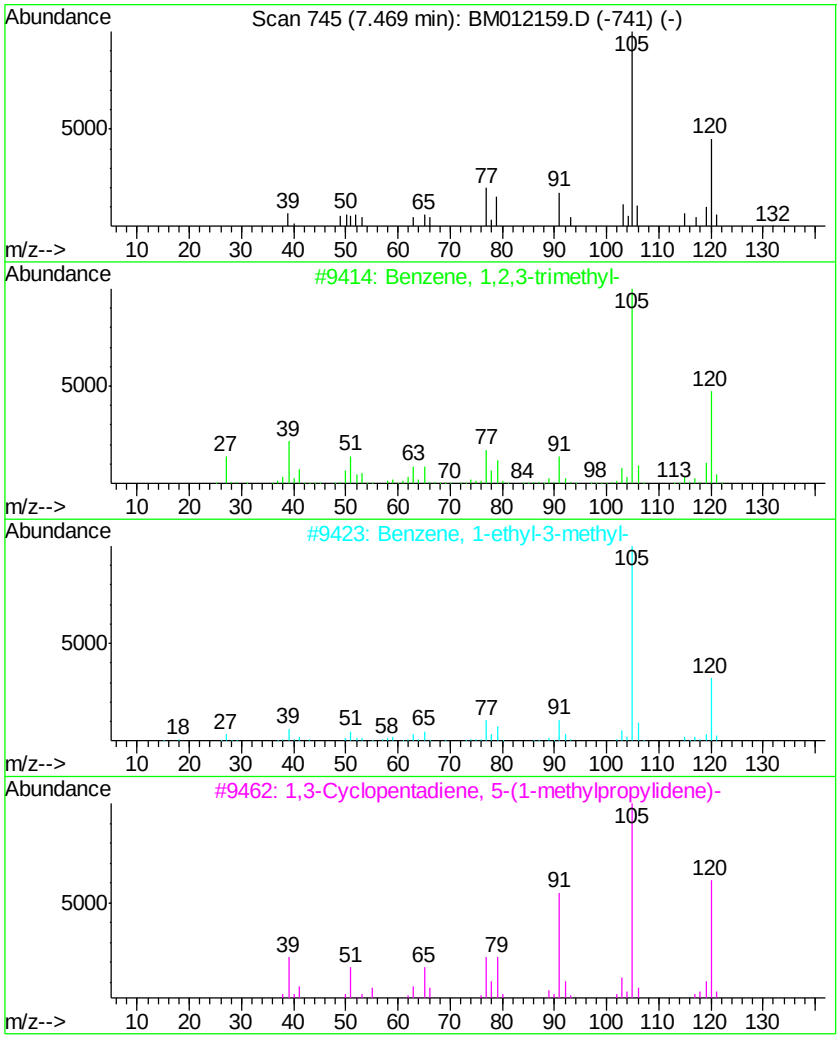
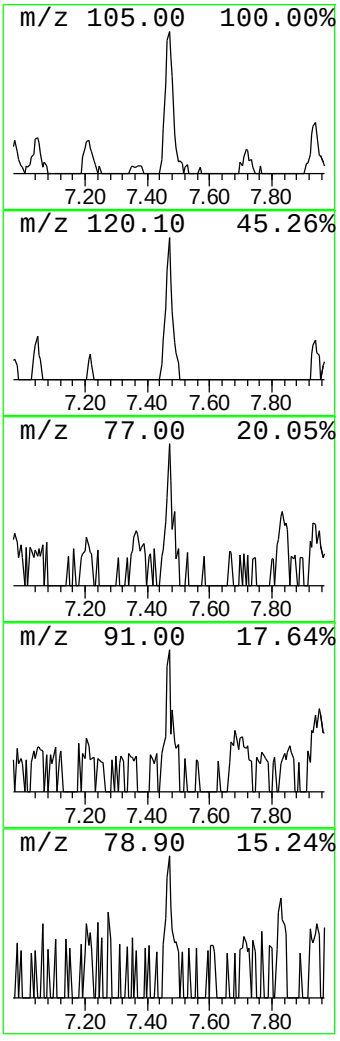
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	5.09 ng/ul	34495	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Instrument : BNA_M
ClientSampleId : B-59(5-7)-100317

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
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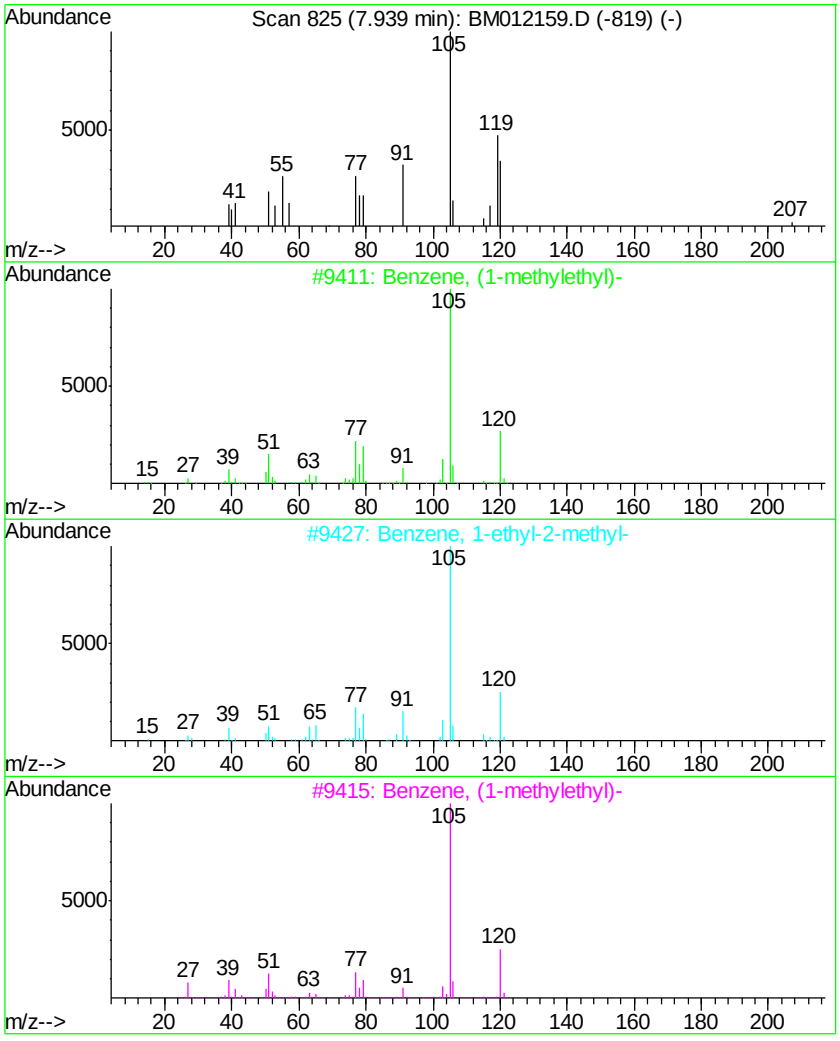
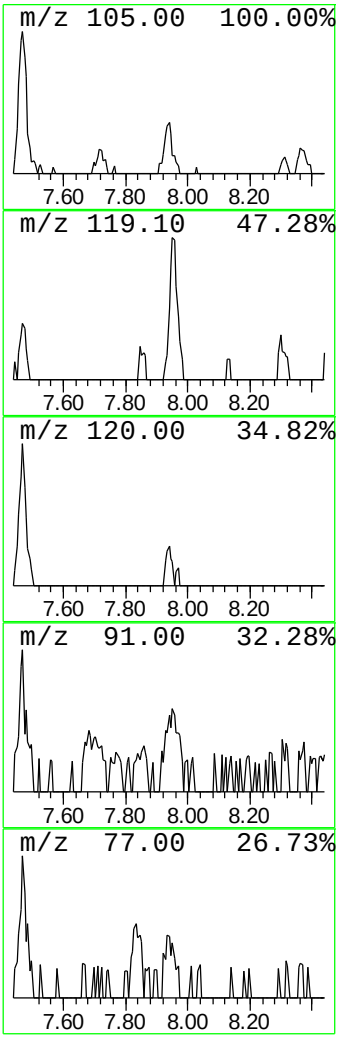
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	3.18 ng/ul	21550	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	43
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	35





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Instrument : BNA_M
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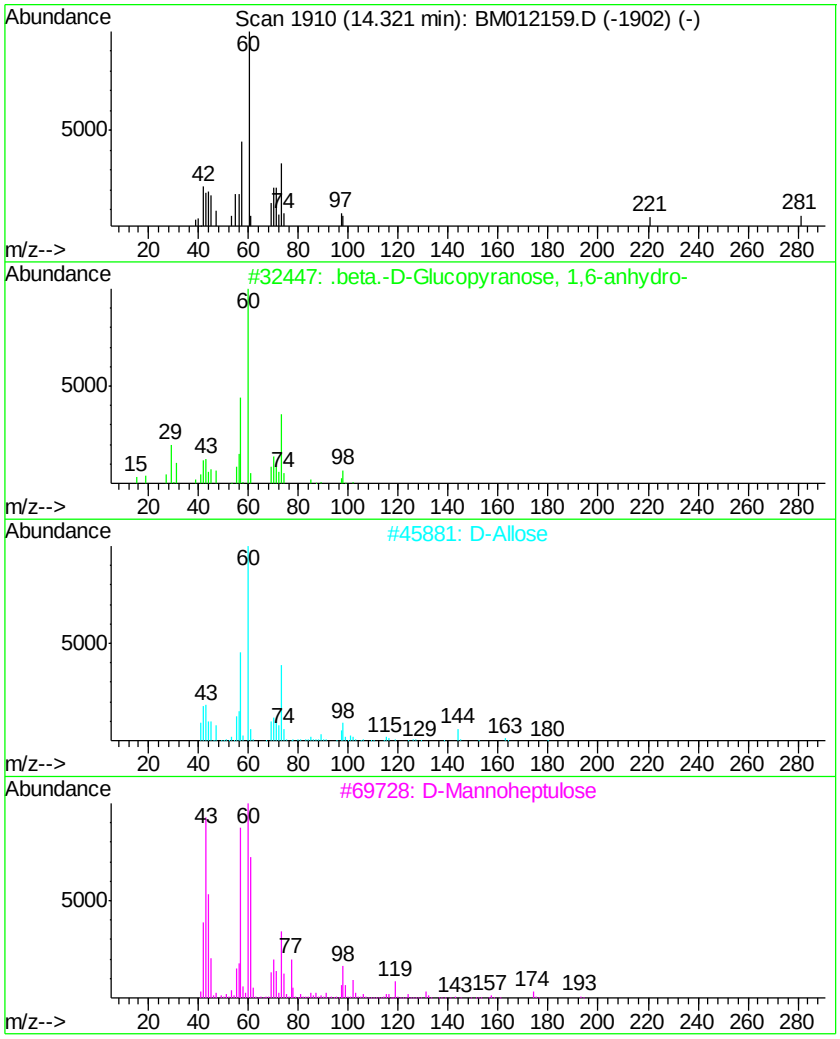
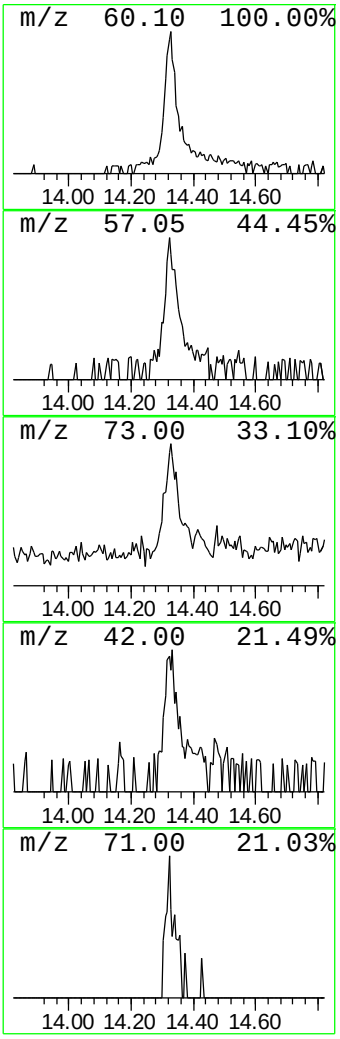
Peak Number 4 .beta.-D-Glucopyranose, 1,6... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	23.82 ng/ul	55845	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	53
2	D-Allose	180	C6H12O6	002595-97-3	50
3	D-Mannoheptulose	210	C7H14O7	003615-44-9	42
4	3,4-Altrosan	162	C6H10O5	1000129-76-4	38
5	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	38





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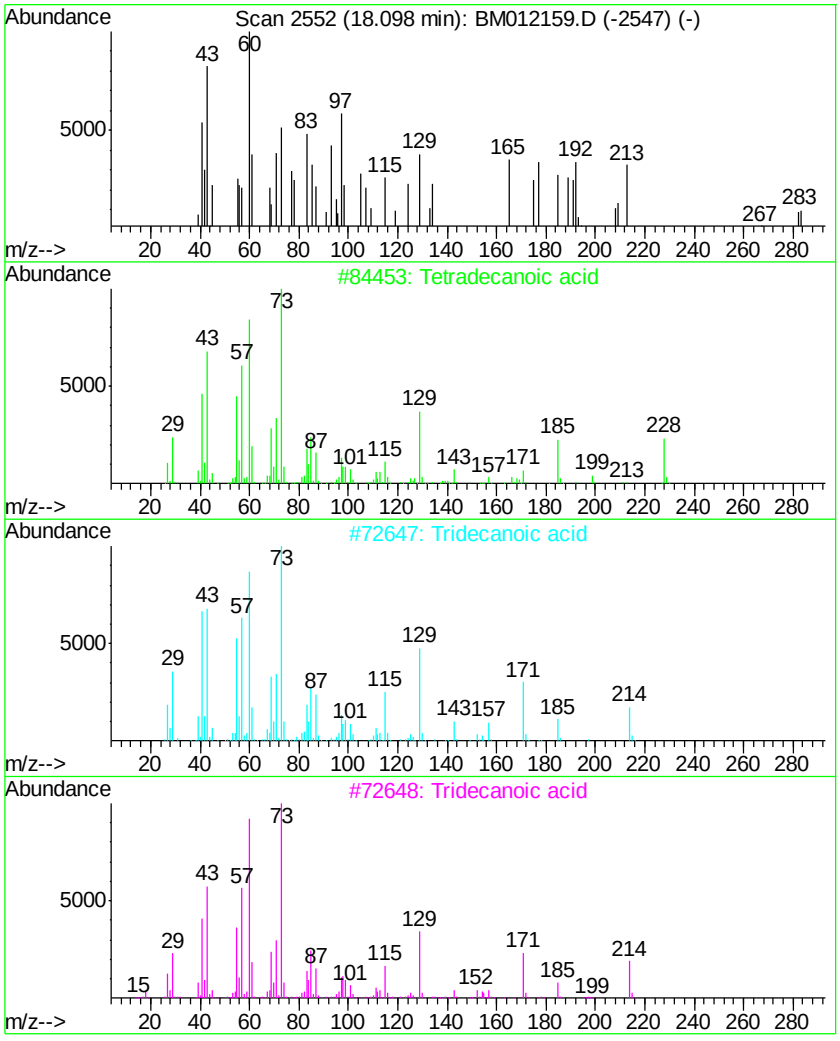
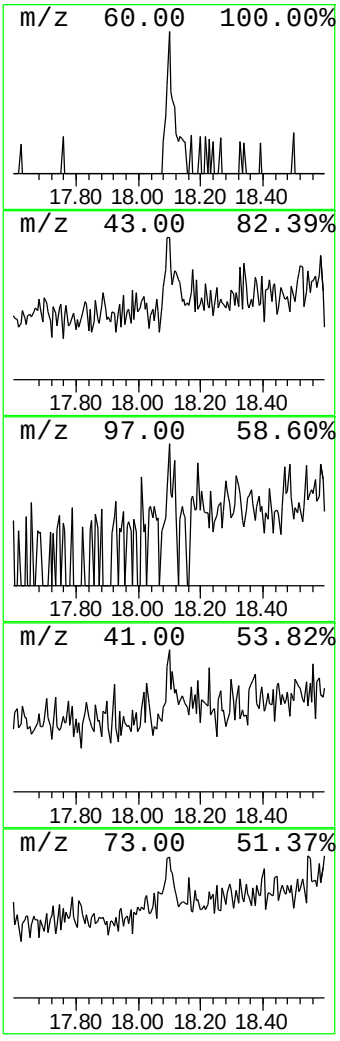
****

Peak Number 5 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	27.23 ng/ul	32557	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	32
2	Tridecanoic acid	214	C13H26O2	000638-53-9	25
3	Tridecanoic acid	214	C13H26O2	000638-53-9	25
4	Tridecanoic acid	214	C13H26O2	000638-53-9	25
5	Tridecanoic acid	214	C13H26O2	000638-53-9	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	6.80	2.2	ng/ul	14901	1	7.83	135635	20.0
Benzene, 1,2,3-tr...	7.47	5.1	ng/ul	34495	1	7.83	135635	20.0
Benzene, (1-methy...	7.94	3.2	ng/ul	21550	1	7.83	135635	20.0
.beta.-D-Glucopyr...	14.32	23.8	ng/ul	55845	3	14.47	46882	20.0
unknown-02	18.10	27.2	ng/ul	32557	4	17.22	23912	20.0