LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012229.D
Acq On : 16 Oct 2017 23:18
Operator : SJ/JU
Sample : I5829-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-B-63

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	6.969	652	660	673	rBV	114094	222422	4.59%	0.569%
2	7.128	680	687	698	rBV	405289	667857	13.78%	1.708%
3	7.328	714	721	736	rBV	483947	863727	17.82%	2.208%
4	7.793	794	800	814	rVV	449597	809579	16.71%	2.070%
5	7.922	817	822	830	rVB2	30613	52358	1.08%	0.134%
6	8.004	830	836	843	rBV2	58673	96937	2.00%	0.248%
7	8.510	915	922	933	rBV	364394	693930	14.32%	1.774%
8	8.963	992	999	1011	rBV	553455	1001459	20.67%	2.561%
9	9.687	1115	1122	1135	rBV	499902	908316	18.74%	2.323%
10	10.228	1207	1214	1233	rBV	628849	1351751	27.89%	3.456%
11	10.598	1269	1277	1283	rBV	650801	1150874	23.75%	2.943%
12	12.251	1552	1558	1568	rBV	89090	181454	3.74%	0.464%
13	13.857	1824	1831	1844	rBV	1474139	2136777	44.09%	5.464%
14	14.145	1873	1880	1894	rBV	1650799	2550838	52.64%	6.522%
15	14.316	1900	1909	1915	rBV2	43585	118497	2.45%	0.303%
16	14.451	1925	1932	1941	rBV2	1036047	1617490	33.38%	4.136%
17	14.704	1970	1975	1988	rVV3	53373	148983	3.07%	0.381%
18	14.827	1991	1996	2000	rBV3	58554	96401	1.99%	0.246%
19	15.192	2051	2058	2065	rBV	295987	462543	9.54%	1.183%
20	15.445	2094	2101	2116	rVV	2165746	3155156	65.11%	8.068%
21	15.586	2120	2125	2137	rVV	561528	911265	18.80%	2.330%
22	15.686	2138	2142	2152	rVB	30947	52409	1.08%	0.134%
23	16.686	2307	2312	2326	rBV	177981	323094	6.67%	0.826%
24	17.198	2392	2399	2409	rBV2	1367611	2048628	42.27%	5.238%
25	17.298	2409	2416	2425	rVV	2343958	3383633	69.82%	8.652%
26	18.074	2544	2548	2554	rVB3	68504	101555	2.10%	0.260%
27	19.351	2761	2765	2774	rBV3	105323	171586	3.54%	0.439%
28	19.592	2800	2806	2817	rBV	3091423	4225626	87.20%	10.805%
29	19.815	2840	2844	2848	rBV	77193	105469	2.18%	0.270%
30	21.380	3105	3110	3118	rBV	1736306	2335088	48.19%	5.971%
31	23.533	3470	3476	3493	rVB2	2281536	4846032	100.00%	12.391%
32	23.680	3495	3501	3511	rVB	1175722	2317558	47.82%	5.926%

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Title : SVOA CALIBRATION

Sum of corrected areas: 39109292

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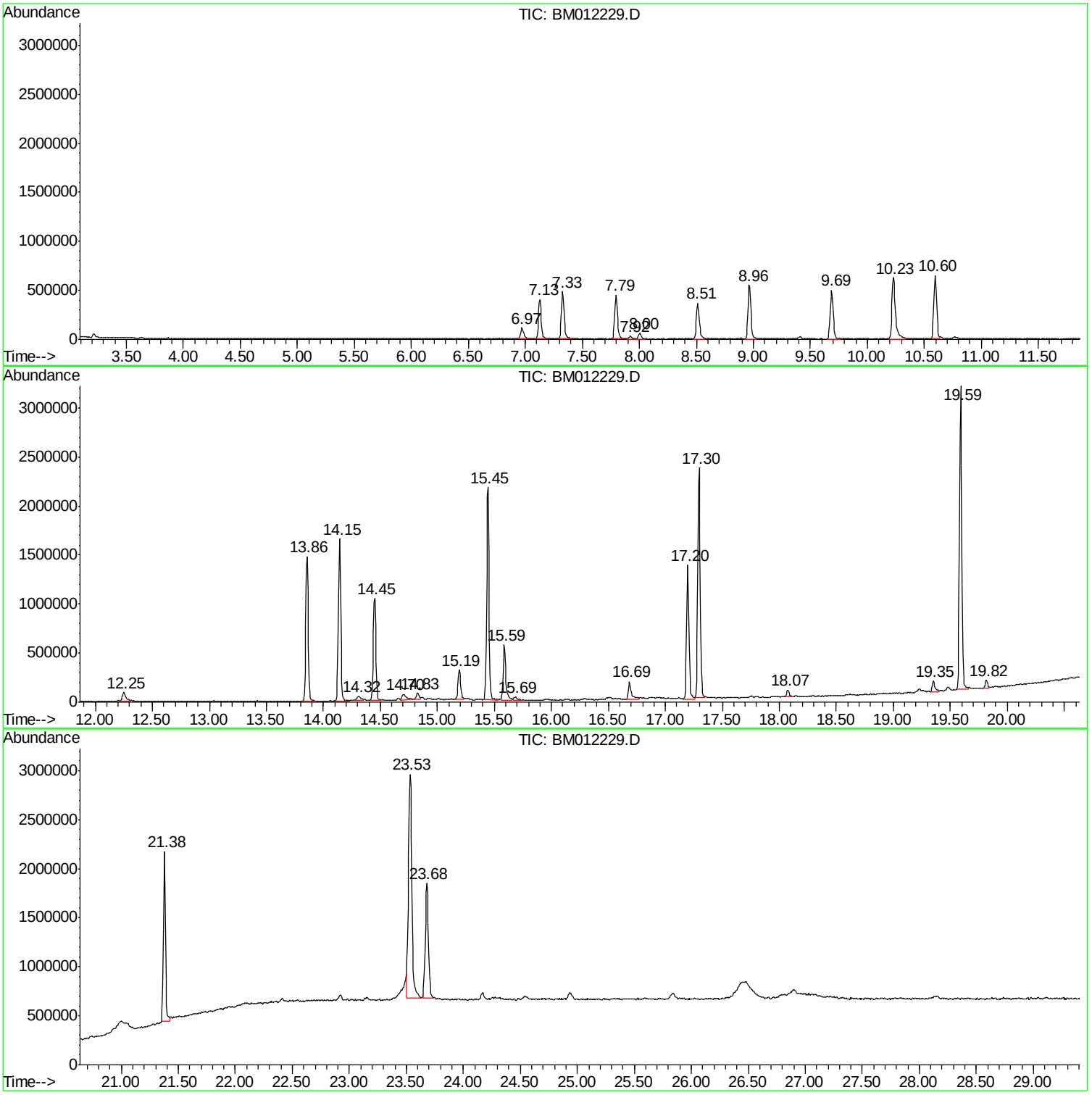
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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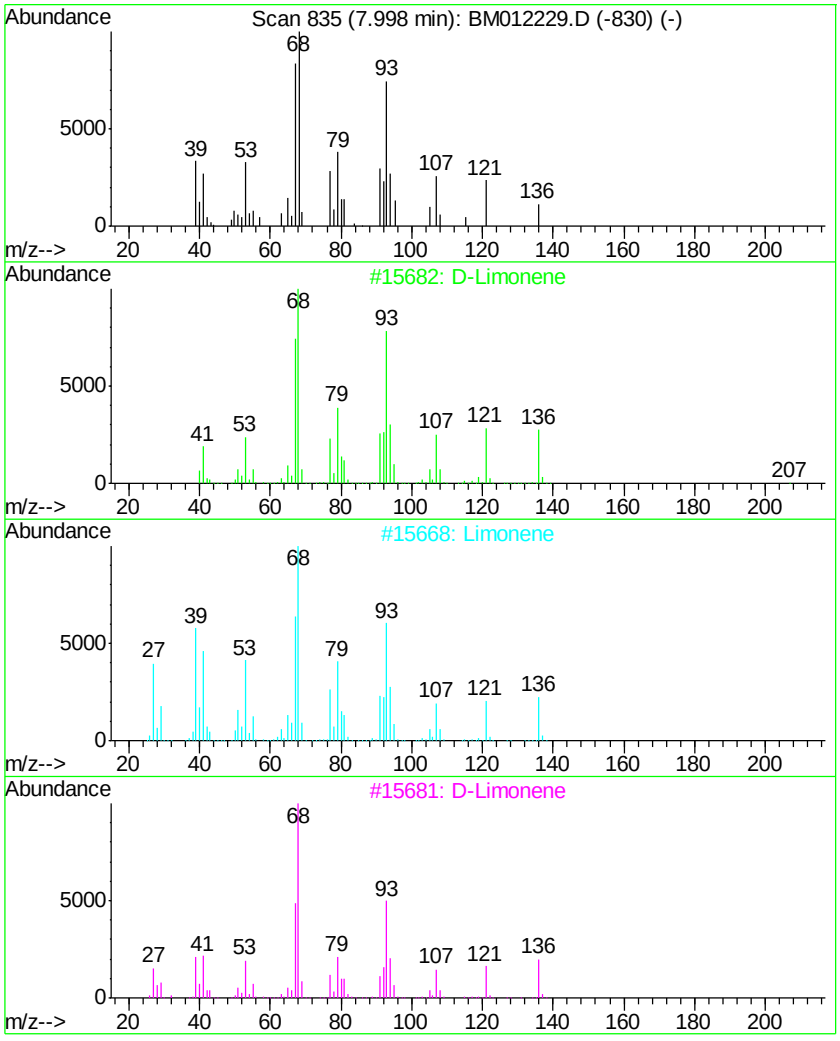
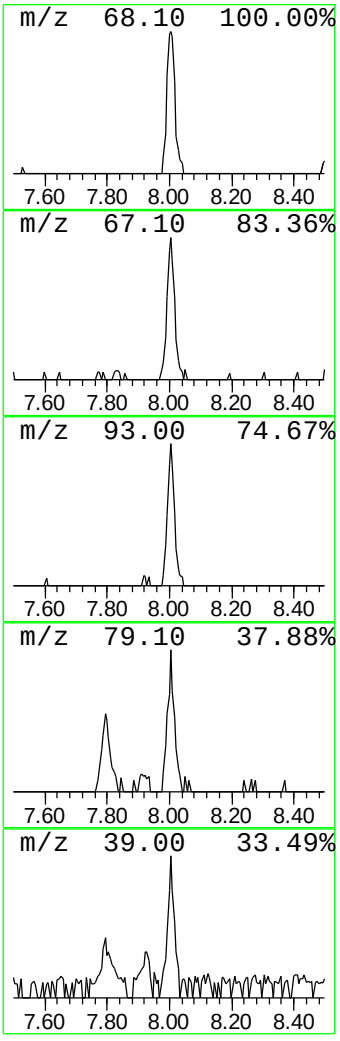
Peak Number 1 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.39 ng/ul	96937	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Limonene	136	C10H16	000138-86-3	94
3	D-Limonene	136	C10H16	005989-27-5	93
4	Limonene	136	C10H16	000138-86-3	89
5	D-Limonene	136	C10H16	005989-27-5	87





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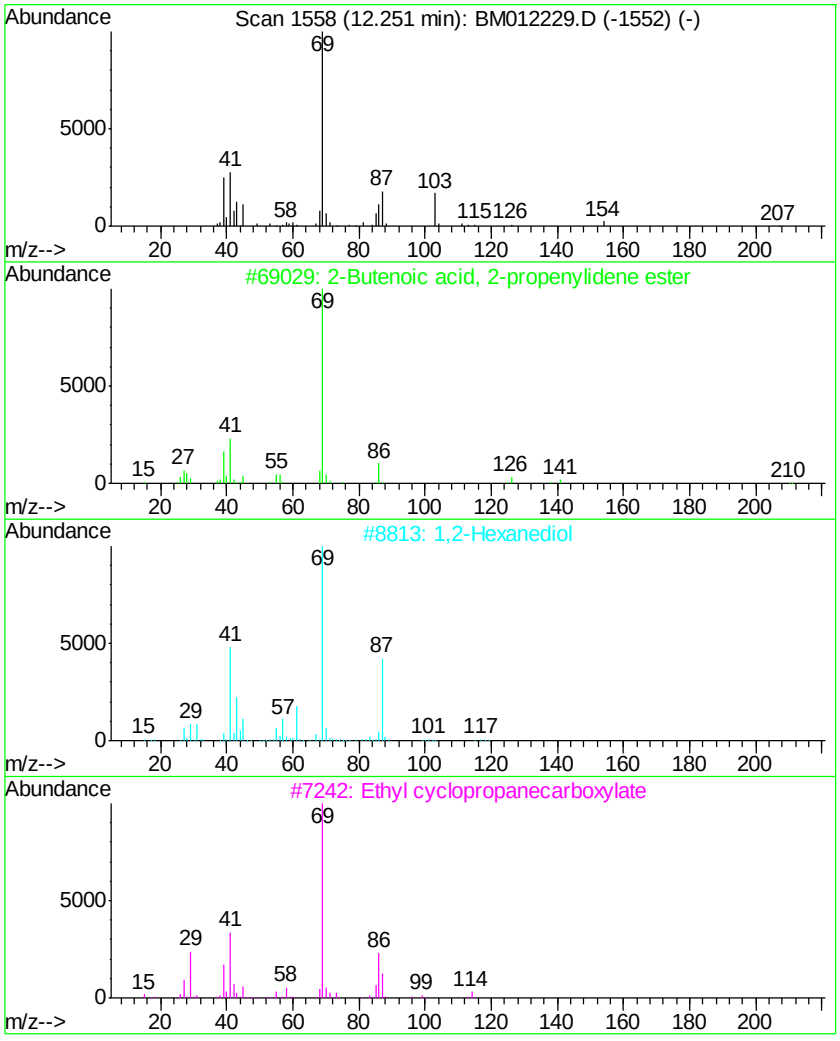
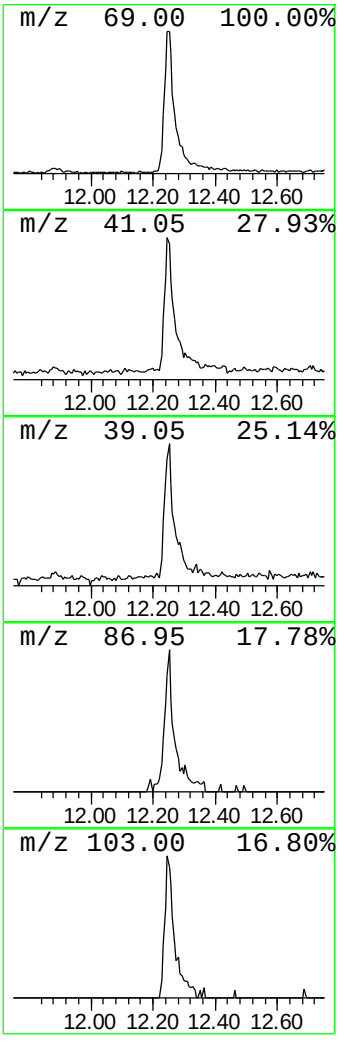
Peak Number 2 2-Butenoic acid, 2-propenyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.15 ng/ul	181454	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	50
2	1,2-Hexanediol	118	C6H14O2	006920-22-5	45
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
4	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	33
5	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	28





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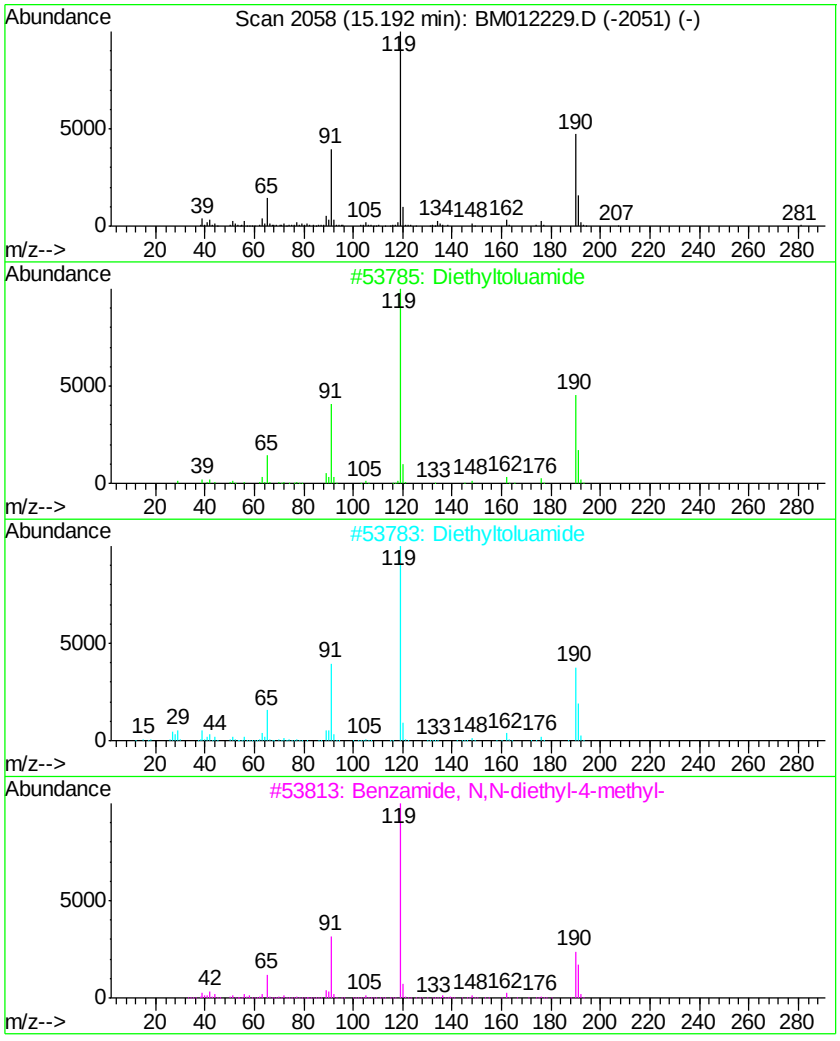
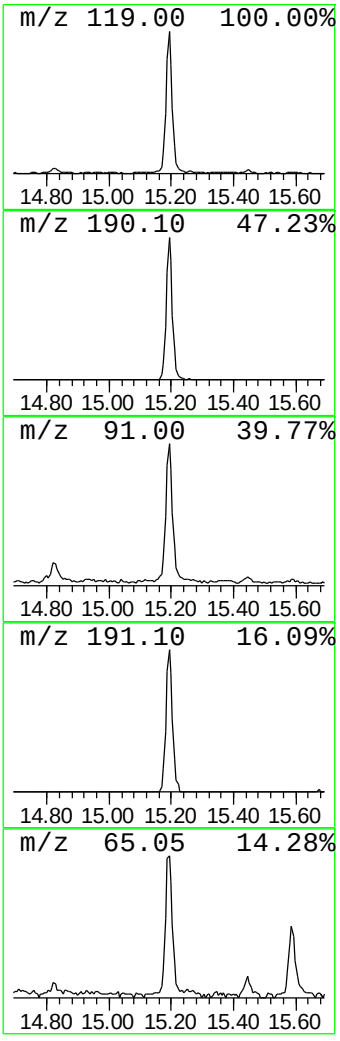
Peak Number 3 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.72 ng/ul	462543	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
4	Diethyltoluamide	191	C12H17NO	000134-62-3	81
5	Diethyltoluamide	191	C12H17NO	000134-62-3	64





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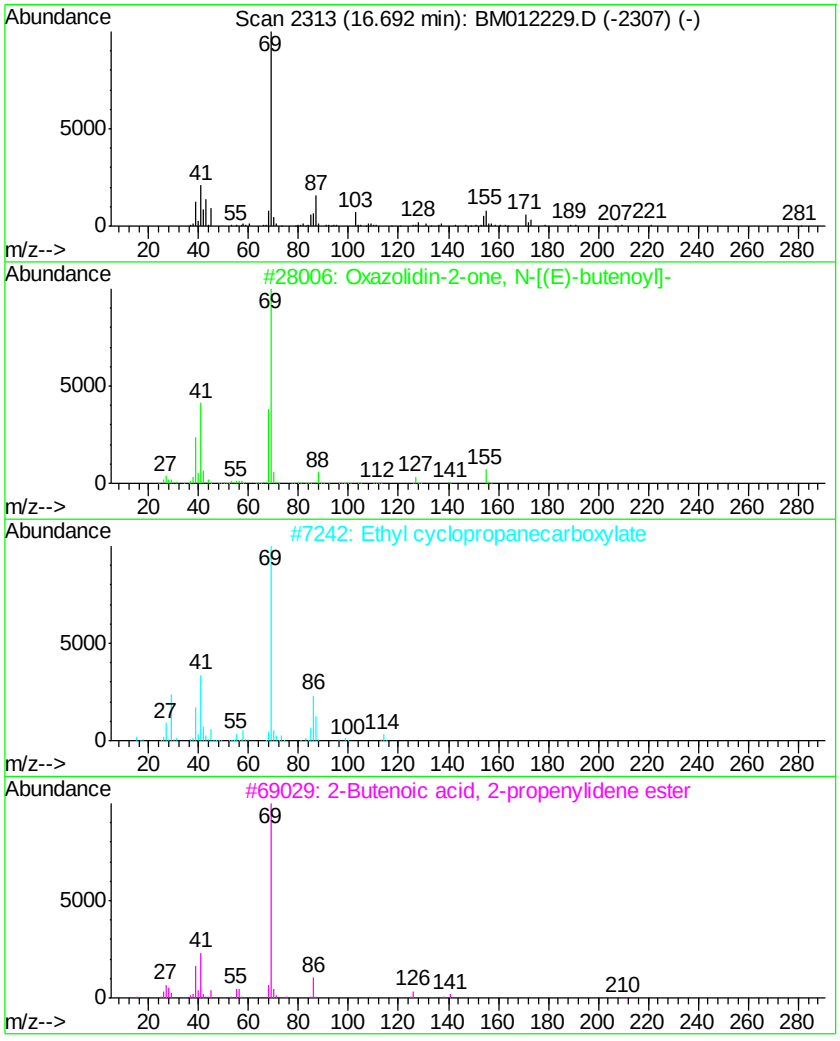
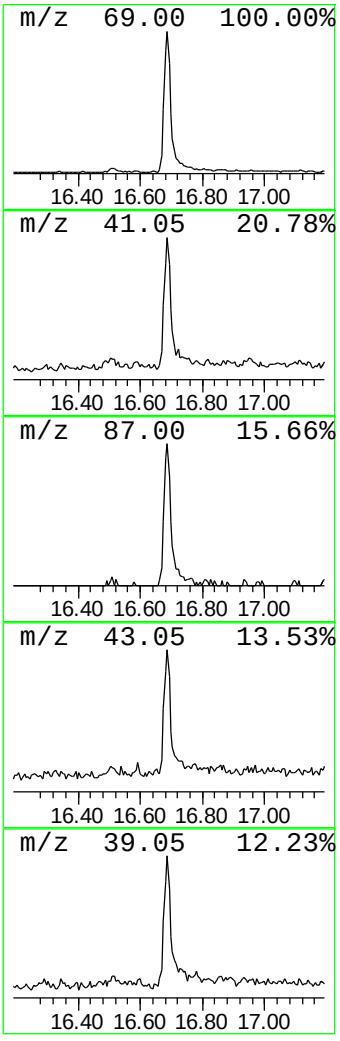
Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.15 ng/ul	323094	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	40
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	36
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	33
4	2-Decene, 2-methyl-	154	C11H22	023381-92-2	33
5	2,4-Dinitrophenyl crotonate	252	C10H8N2O6	069817-88-5	28





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
D-Limonene	8.00	2.4	ng/ul	96937	1	7.79	809579	20.0
2-Butenoic acid, ...	12.25	3.1	ng/ul	181454	2	10.60	1150870	20.0
Diethyltoluamide	15.19	5.7	ng/ul	462543	3	14.45	1617490	20.0
unknown-01	16.69	3.1	ng/ul	323094	4	17.20	2048630	20.0