LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039777.D
Acq On : 5 Mar 2019 23:24
Operator : JU/SJ
Sample : K1704-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW063-022719

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-BG030419.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	3.211	15	21	30	rBV	213490	405078	11.23%	1.972%
2	3.281	30	33	45	rVB	48494	72077	2.00%	0.351%
3	5.702	438	445	454	rBV	931385	1495789	41.46%	7.282%
4	7.305	710	718	730	rBV	1022305	1801472	49.93%	8.770%
5	7.681	775	782	794	rVB	899148	1593501	44.17%	7.757%
6	8.157	856	863	873	rVB	153619	260949	7.23%	1.270%
7	8.480	910	918	926	rBV	632603	1081417	29.97%	5.264%
8	9.332	1055	1063	1074	rBV	558838	1030179	28.55%	5.015%
9	10.977	1334	1343	1353	rBV	206369	379933	10.53%	1.850%
10	13.403	1749	1756	1764	rBV	1498694	2420734	67.10%	11.784%
11	14.220	1889	1895	1901	rBV	75973	115170	3.19%	0.561%
12	14.783	1984	1991	1999	rBV2	367862	599839	16.63%	2.920%
13	16.270	2237	2244	2258	rBV	1440078	2194029	60.81%	10.681%
14	17.527	2450	2458	2469	rBV	537079	797168	22.10%	3.881%
15	18.379	2594	2603	2613	rBV2	107426	174936	4.85%	0.852%
16	19.642	2813	2818	2826	rBV6	22286	38508	1.07%	0.187%
17	20.123	2893	2900	2905	rBV	2616785	3607897	100.00%	17.564%
18	21.404	3113	3118	3133	rBV	218732	389213	10.79%	1.895%
19	21.815	3181	3188	3199	rVB	534259	888956	24.64%	4.328%
20	21.962	3207	3213	3219	rBV3	19038	36828	1.02%	0.179%
21	23.307	3435	3442	3450	rBV	32084	54994	1.52%	0.268%
22	23.507	3471	3476	3484	rVB2	25649	52188	1.45%	0.254%
23	24.141	3577	3584	3592	rBV3	34640	78113	2.17%	0.380%
24	25.187	3743	3762	3774	rVB	292843	919815	25.49%	4.478%
25	26.479	3974	3982	3991	rBV	14111	53202	1.47%	0.259%

Sum of corrected areas: 20541985

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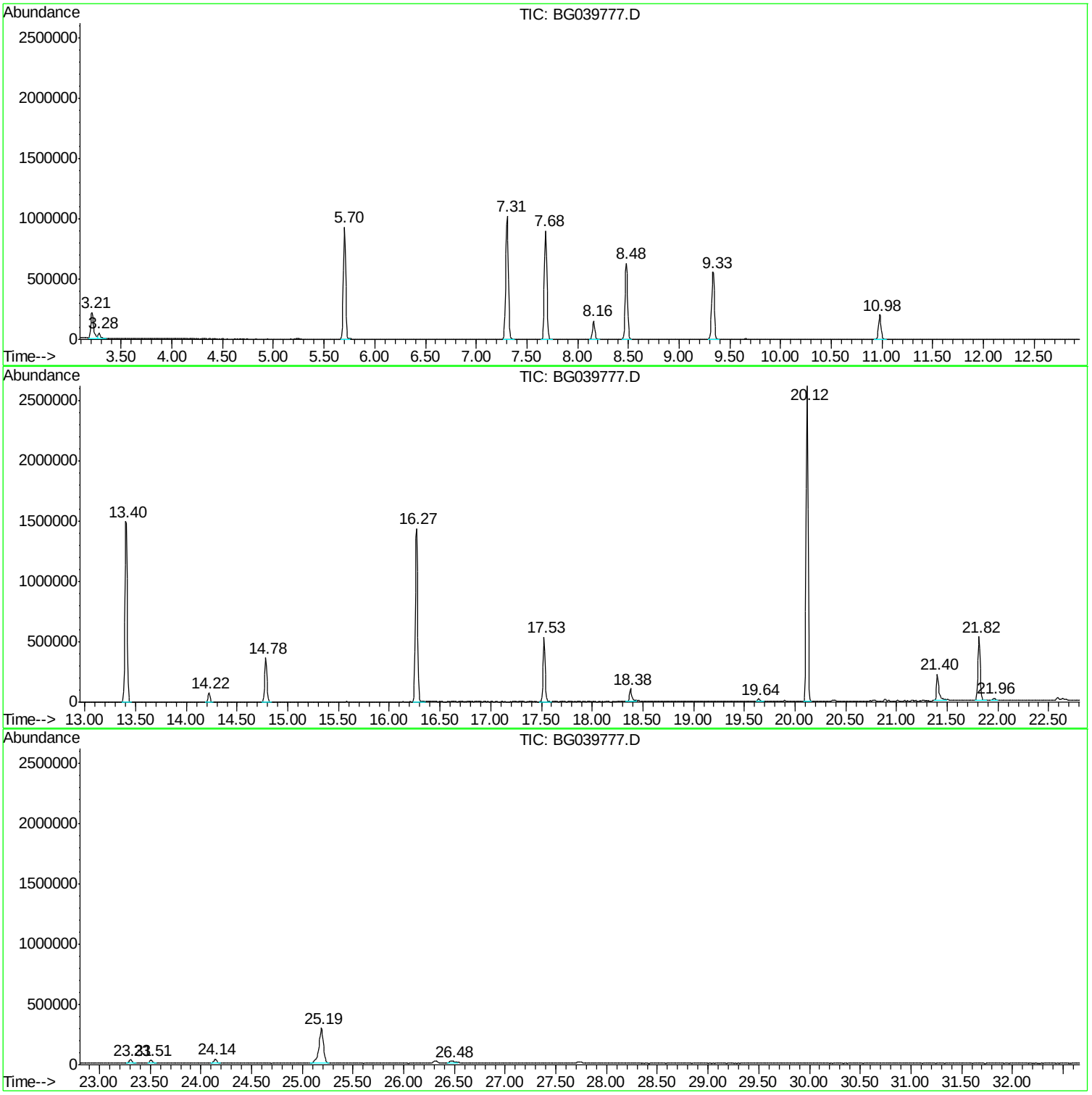
BNA_G
ClientSampleId :
PST-028-SW063-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039777.D
Acq On : 5 Mar 2019 23:24
Operator : JU/SJ
Sample : K1704-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW063-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

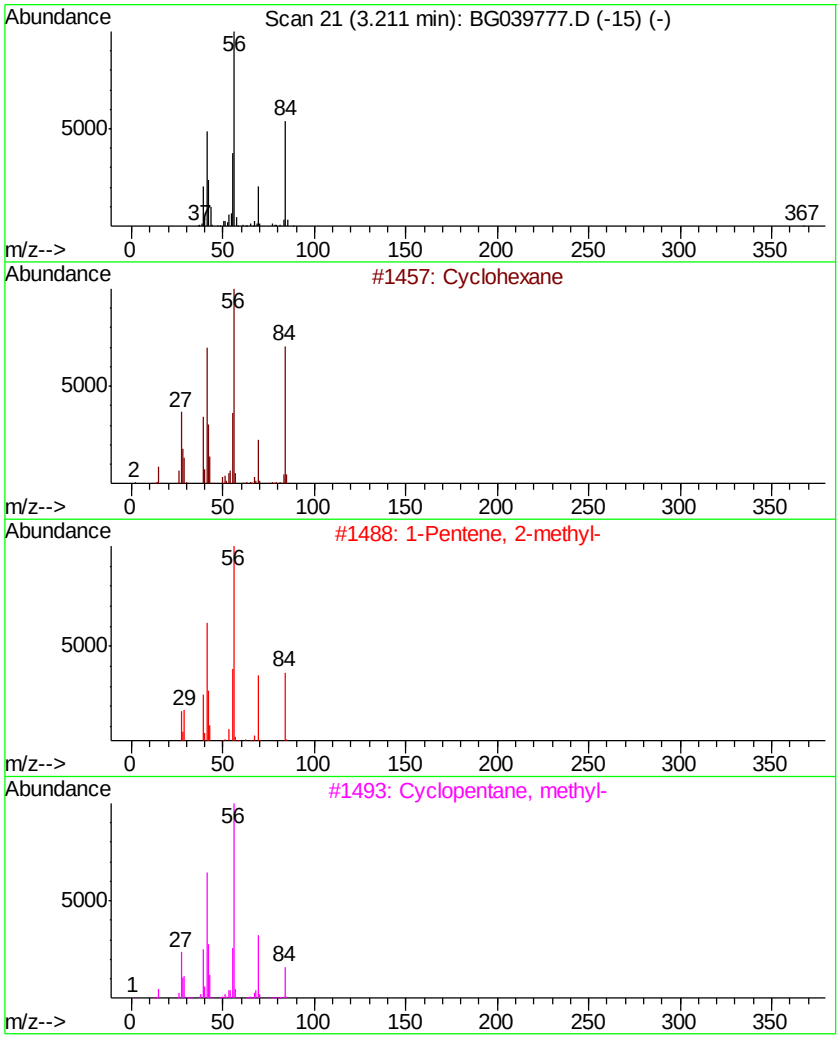
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

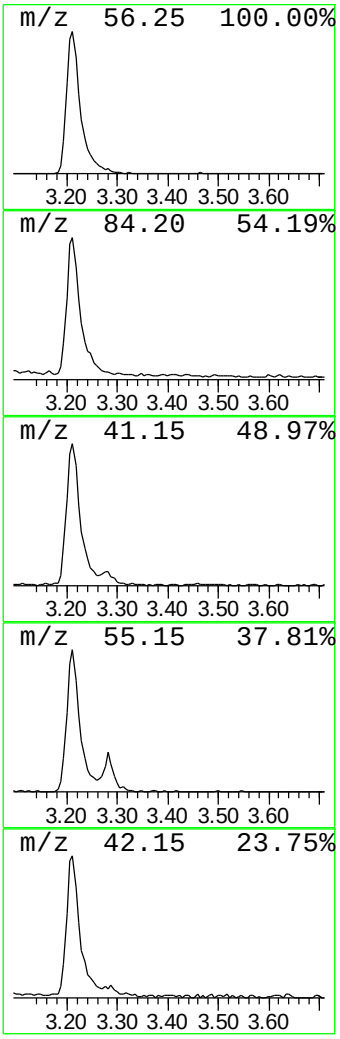
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	31.05 ng	405078	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
4	1-Hexene	84	C6H12	000592-41-6	45
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	40





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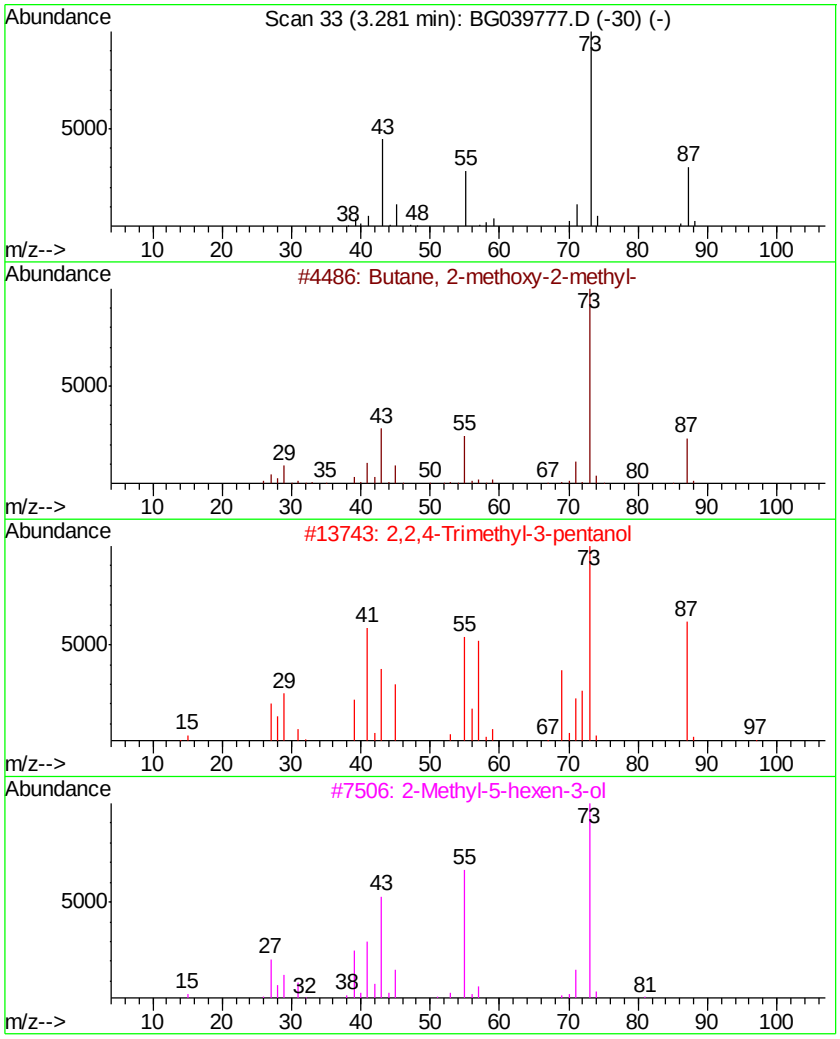
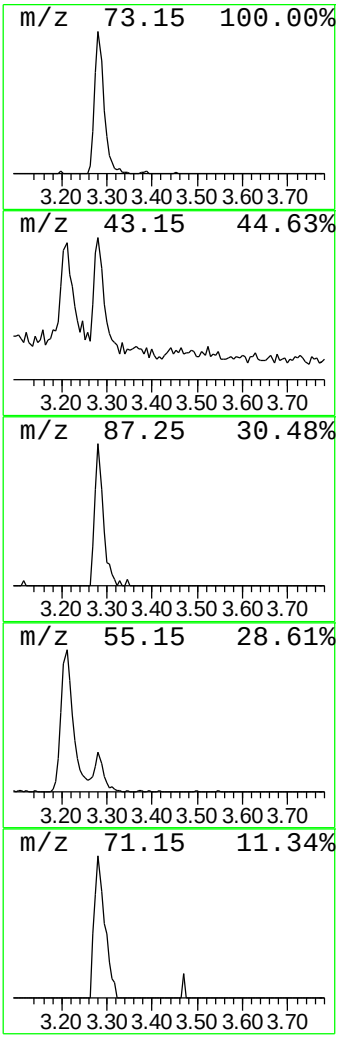
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	5.52 ng	72077	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





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ClientSampleId : PST-028-SW063-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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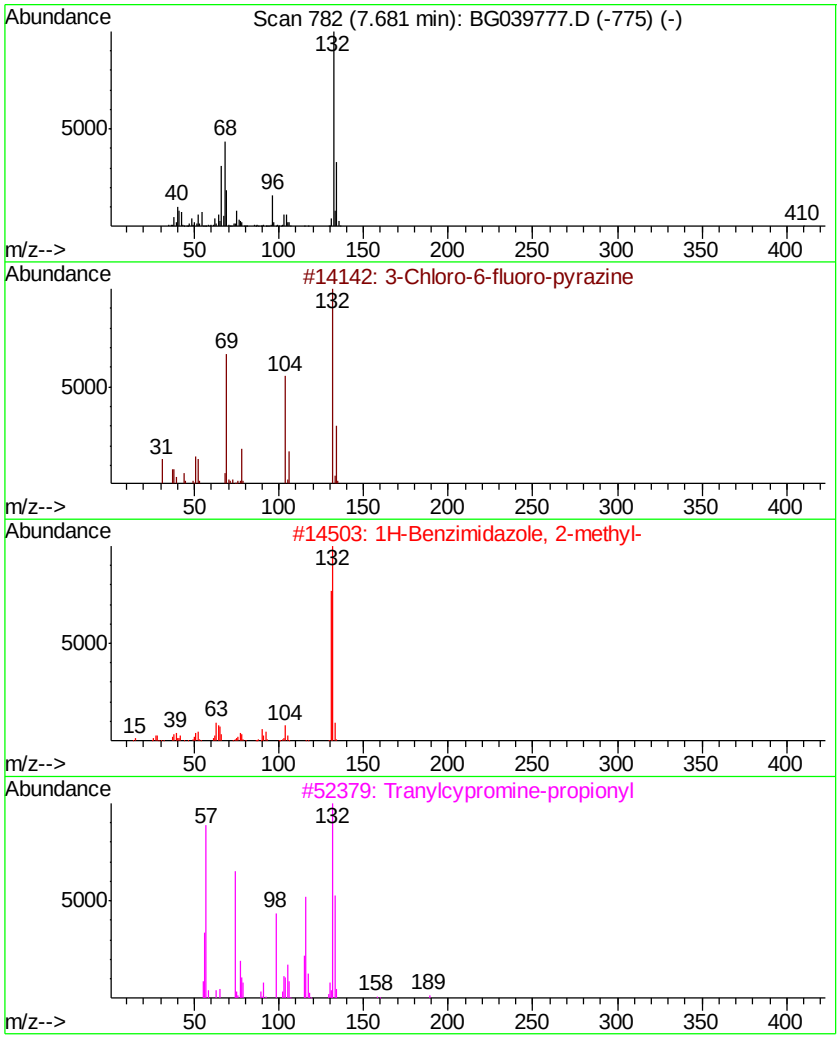
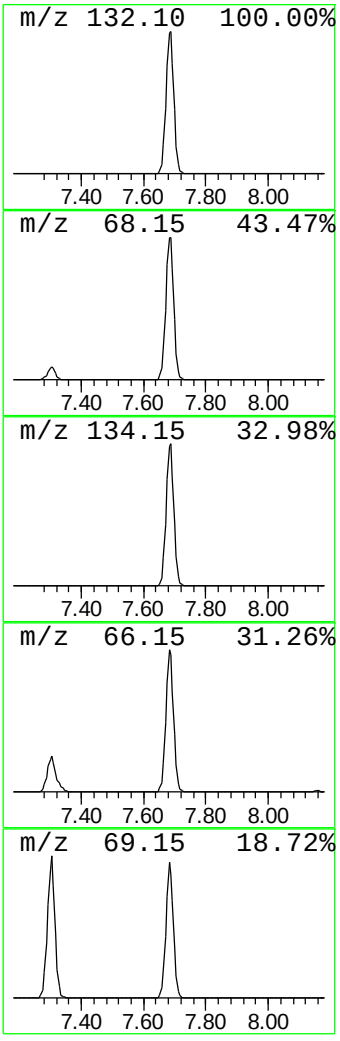
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	122.13 ng	1593500	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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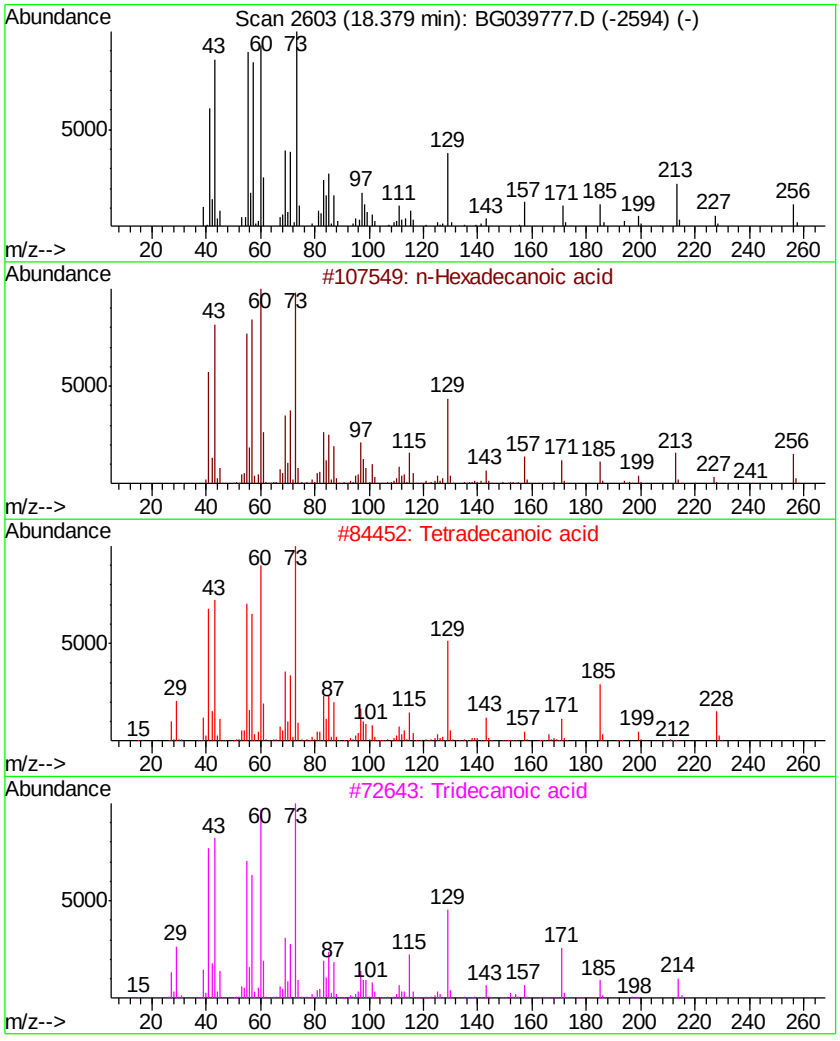
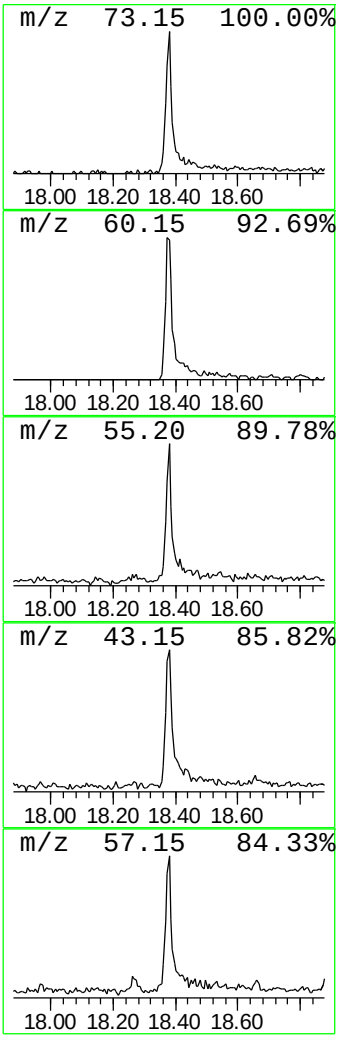
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.39 ng	174936	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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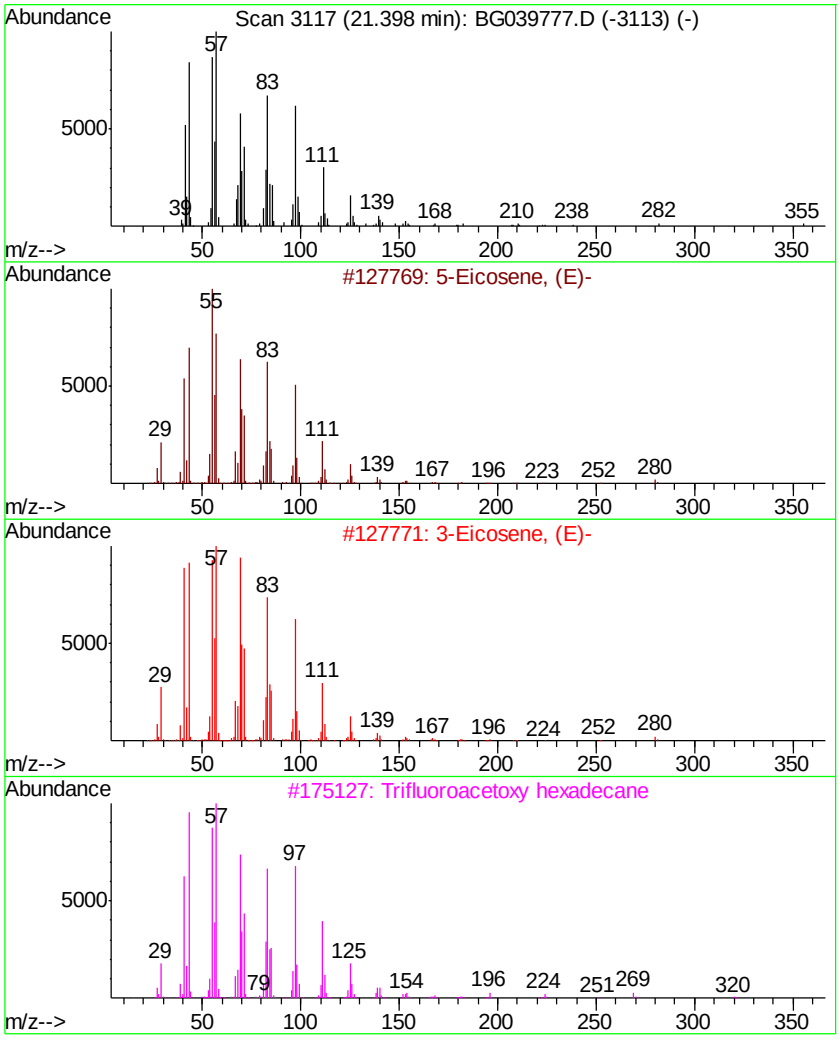
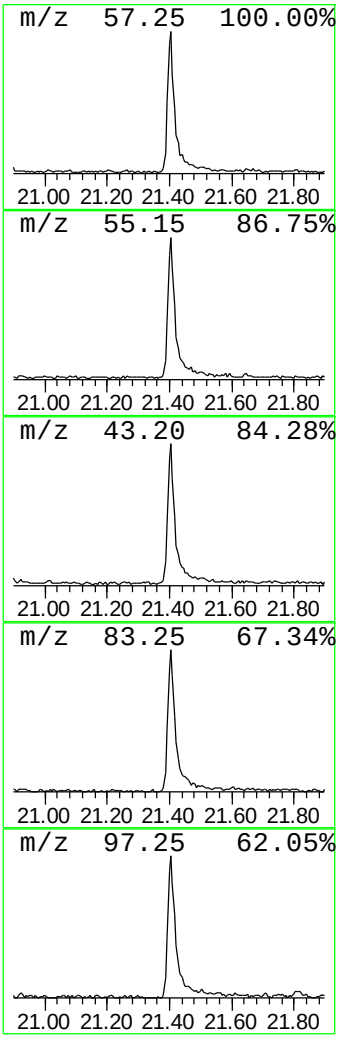
Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	8.76 ng	389213	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.21	31.1	ng	405078	1	8.16	260949	20.0
Butane, 2-methoxy...	3.28	5.5	ng	72077	1	8.16	260949	20.0
unknown7.68	7.68	122.1	ng	1593500	1	8.16	260949	20.0
n-Hexadecanoic acid	18.38	4.4	ng	174936	4	17.53	797168	20.0
5-Eicosene, (E)-	21.40	8.8	ng	389213	5	21.82	888956	20.0