LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040608.D
Acq On : 25 Apr 2019 13:36
Operator : JU/SJ
Sample : K2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0016

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-BG042319.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	3.162	6	12	22	rBV	377556	671364	13.38%	3.217%
2	3.238	22	25	33	rVB	76435	108274	2.16%	0.519%
3	5.682	433	441	449	rBV	424346	658365	13.12%	3.155%
4	7.286	707	714	721	rBV	285817	476622	9.50%	2.284%
5	7.680	773	781	790	rBV	777501	1331104	26.53%	6.378%
6	8.156	856	862	868	rBV	186911	308911	6.16%	1.480%
7	8.479	909	917	925	rBV	631282	1092880	21.78%	5.237%
8	9.331	1055	1062	1070	rBV	643256	1151055	22.94%	5.516%
9	10.165	1197	1204	1210	rBV2	25930	54272	1.08%	0.260%
10	10.982	1334	1343	1353	rBV	264335	463167	9.23%	2.219%
11	13.408	1747	1756	1764	rBV	1644884	2574639	51.31%	12.337%
12	14.783	1984	1990	1999	rVB2	440794	716077	14.27%	3.431%
13	16.270	2234	2243	2253	rBV	1581814	2521771	50.26%	12.084%
14	17.527	2450	2457	2464	rBV2	656661	1035393	20.64%	4.961%
15	18.385	2598	2603	2608	rBV3	72475	115346	2.30%	0.553%
16	19.654	2814	2819	2828	rBV2	112429	185644	3.70%	0.890%
17	20.130	2893	2900	2905	rBV	3731009	5017585	100.00%	24.043%
18	21.816	3180	3187	3194	rVB2	711209	1157632	23.07%	5.547%
19	24.202	3589	3593	3598	rVB5	29335	58740	1.17%	0.281%
20	25.189	3751	3761	3776	rVB2	393373	1170337	23.32%	5.608%

Sum of corrected areas: 20869178

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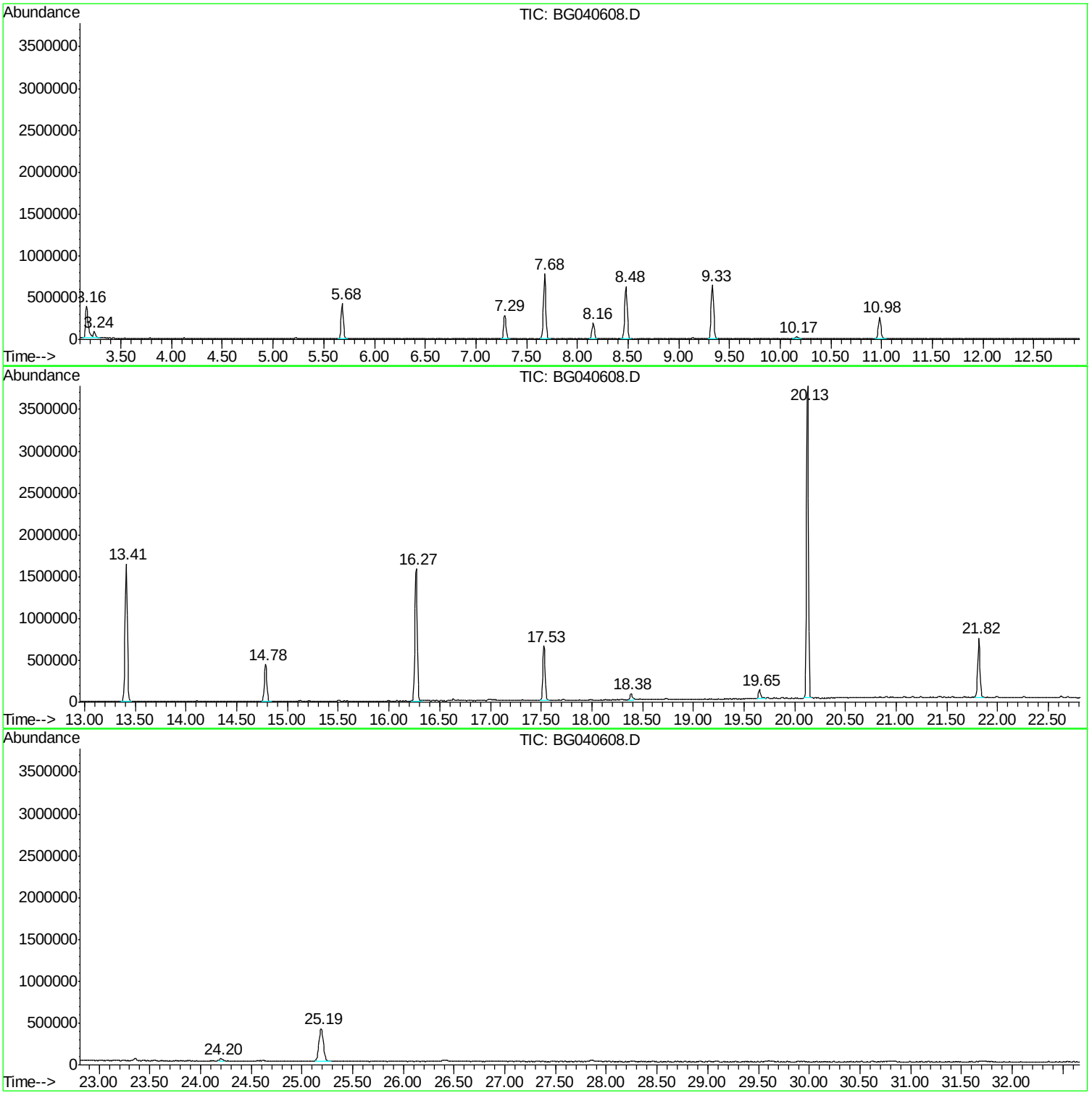
Instrument : BNA_G
ClientSampleId : S37-0016

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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

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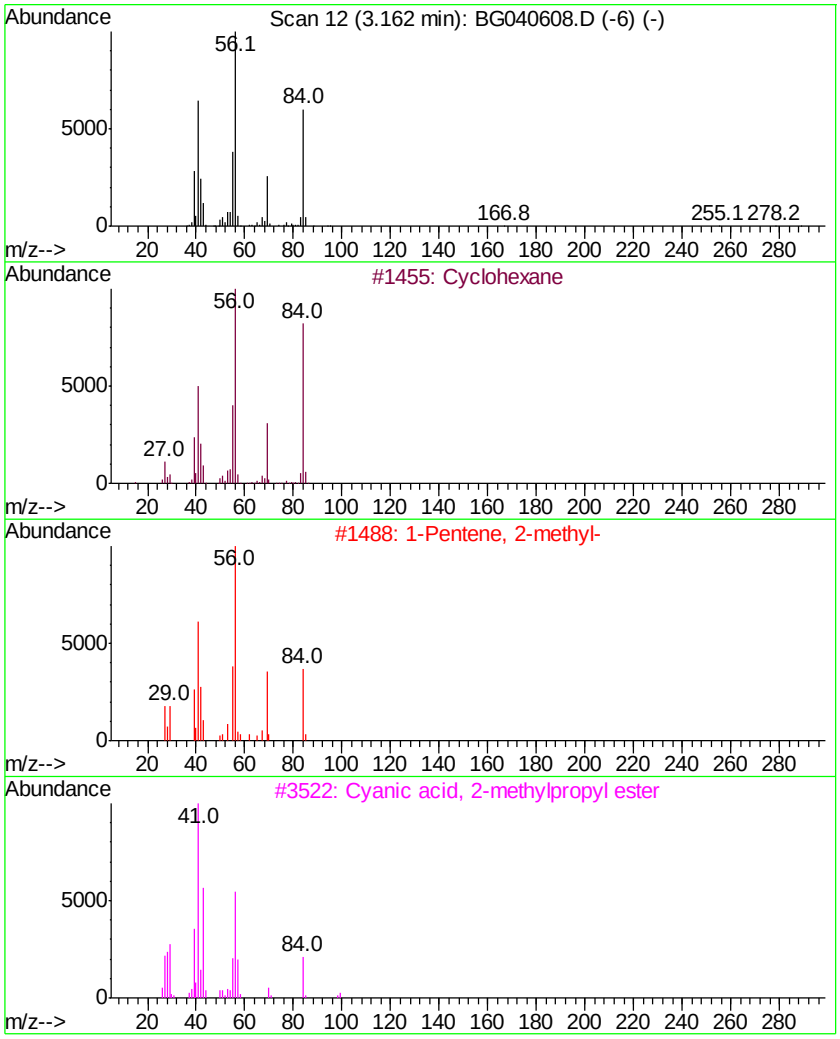
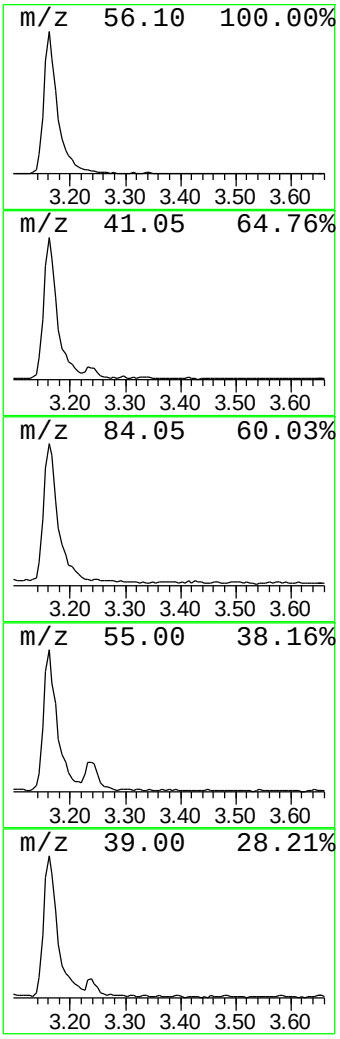
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	43.47 ng	671364	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
4	1-Hexene	84	C6H12	000592-41-6	59
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : S37-0016

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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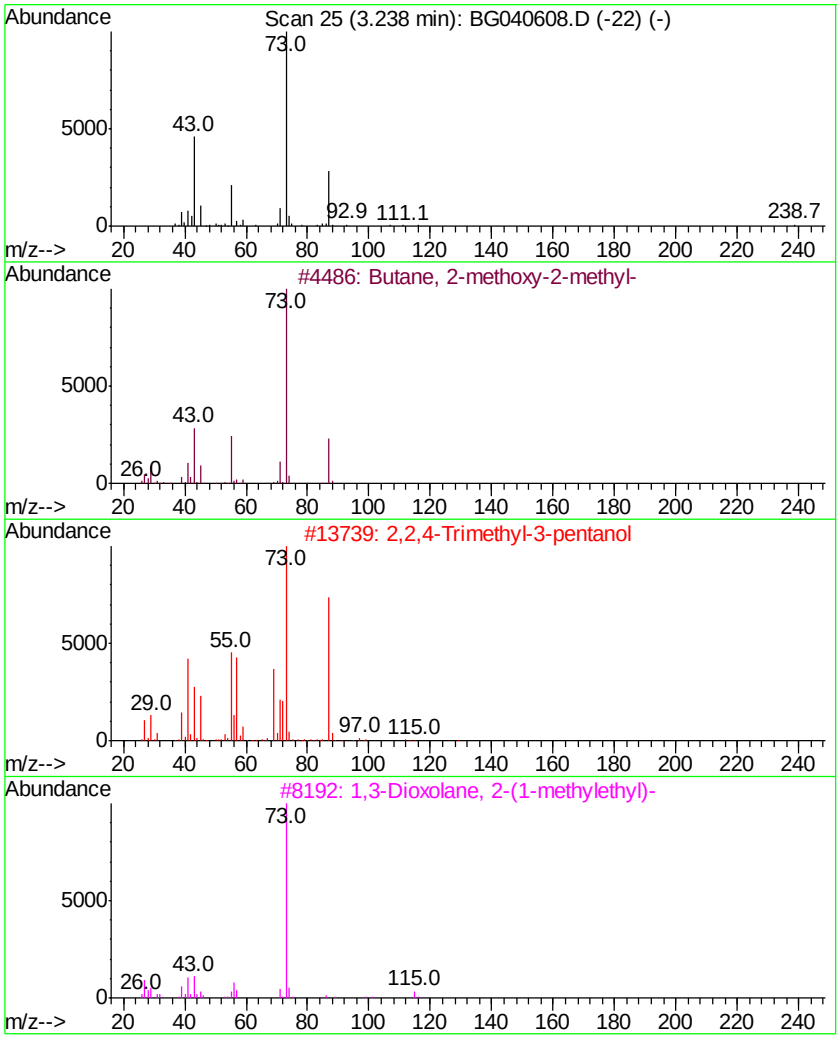
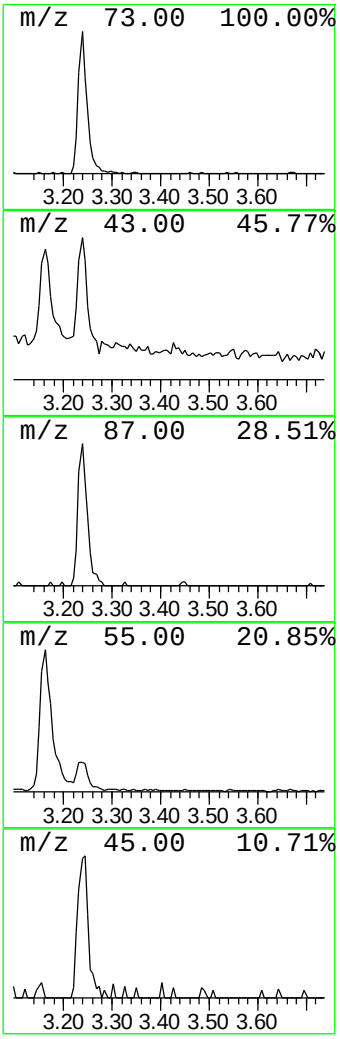
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	7.01 ng	108274	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	40
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : S37-0016

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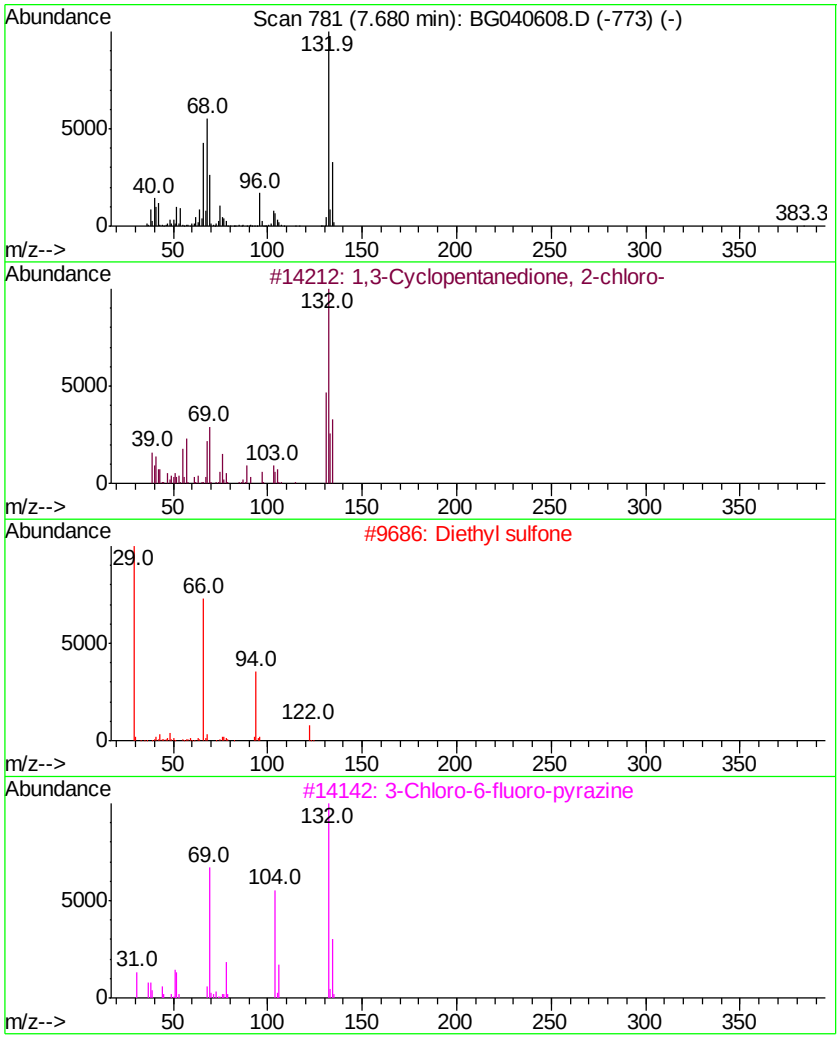
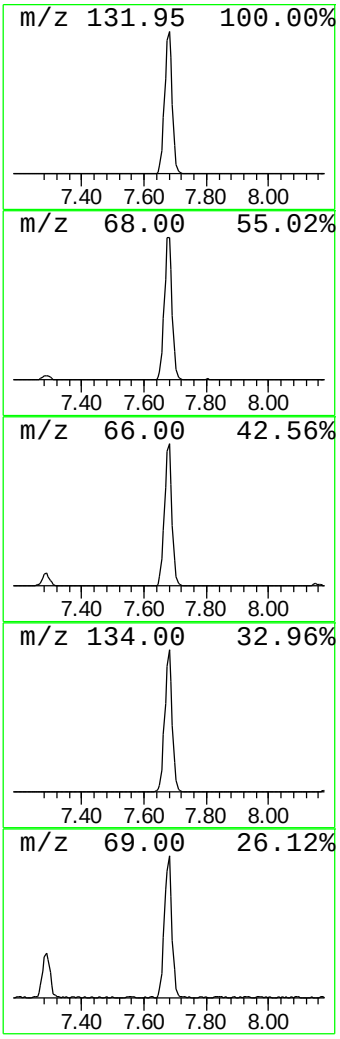
****

Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	86.18 ng	1331100	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	Diethyl sulfone	122	C4H10O2S	000597-35-3	23
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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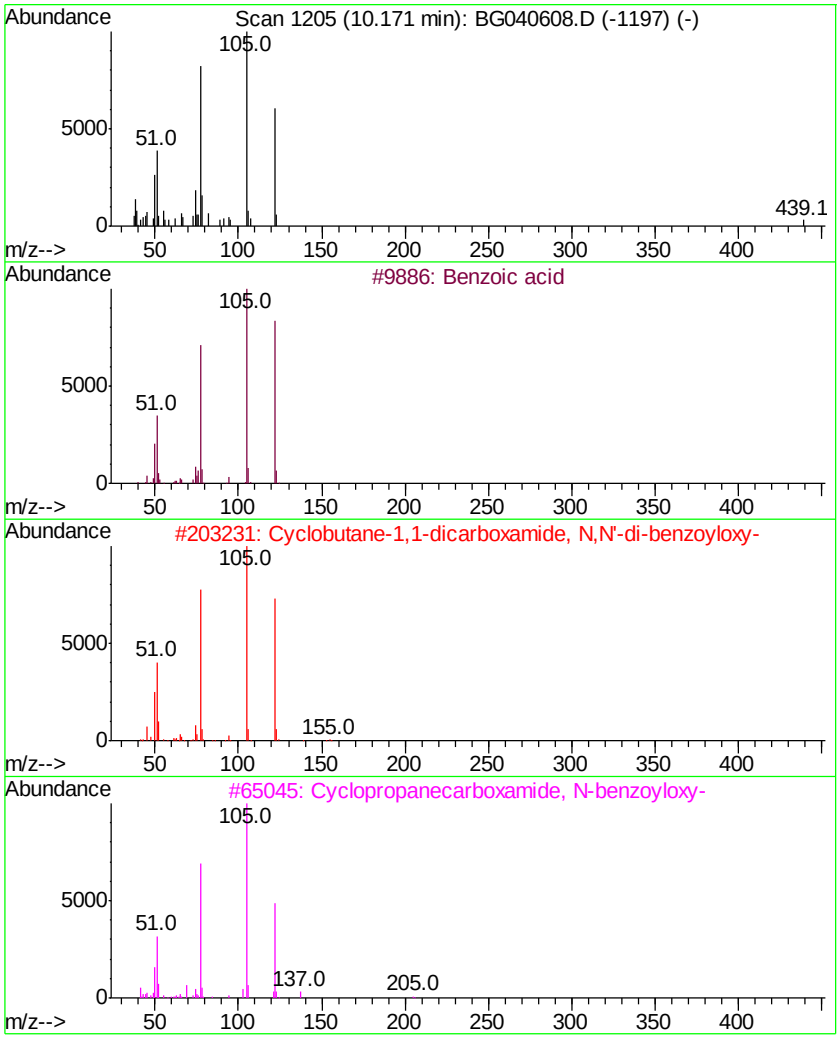
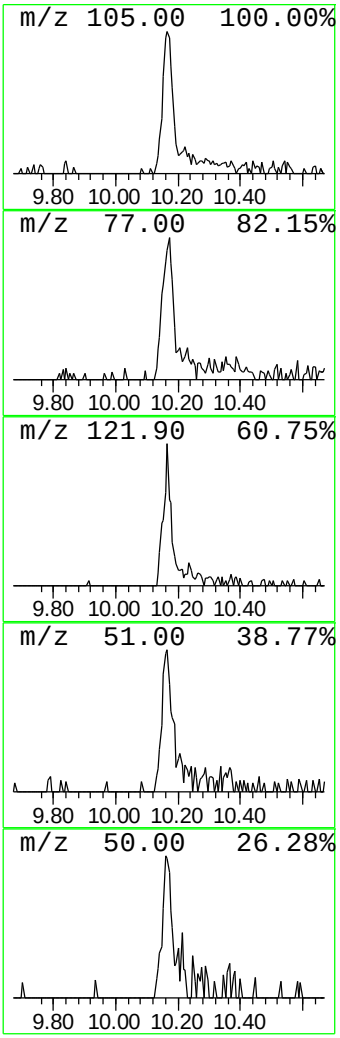
****

Peak Number 5 Cyclobutane-1,1-dicarboxami... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.34 ng	54272	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	93
2	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	80
3	Cyclopropanecarboxamide, N-benzo...	205	C11H11NO3	1000253-25-4	78
4	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	72
5	1,2-Ethanediol, monobenzoate	166	C9H10O3	000094-33-7	59





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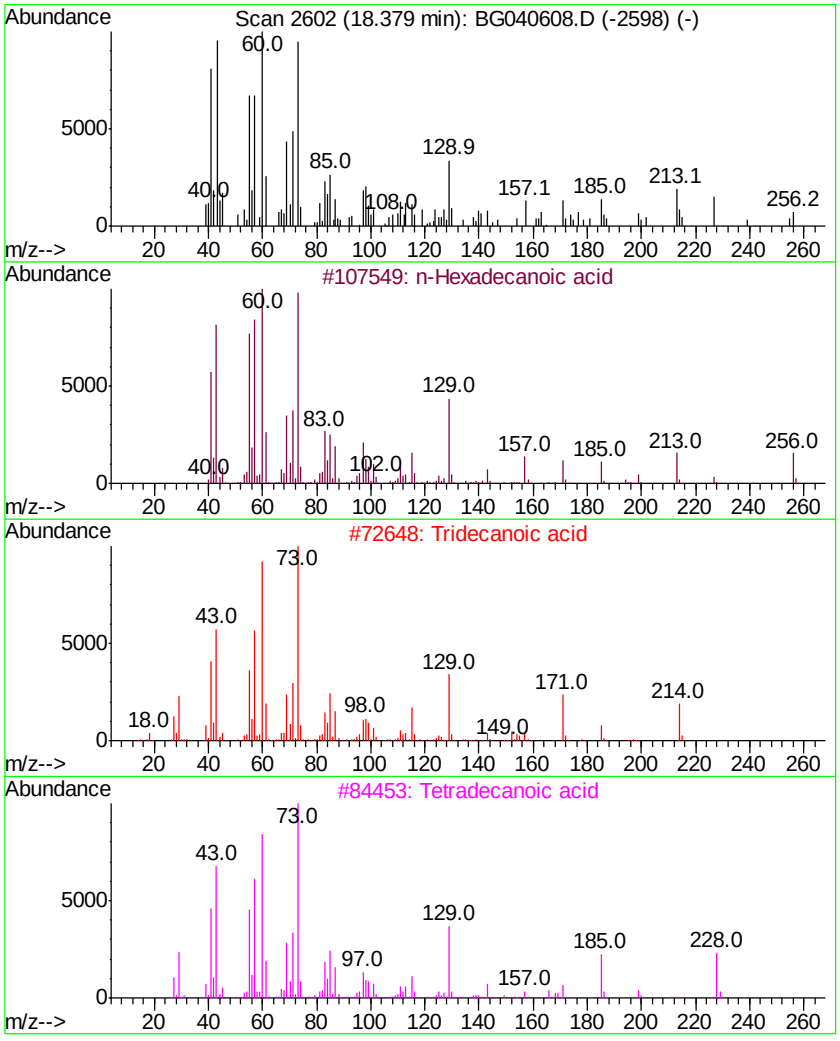
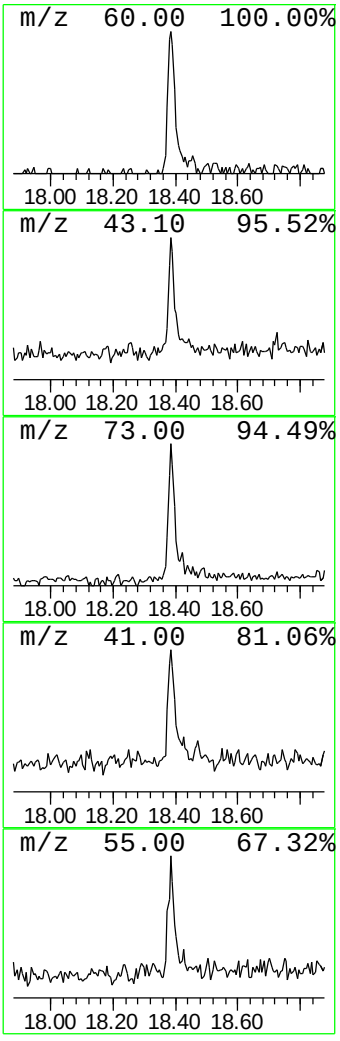
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.23 ng	115346	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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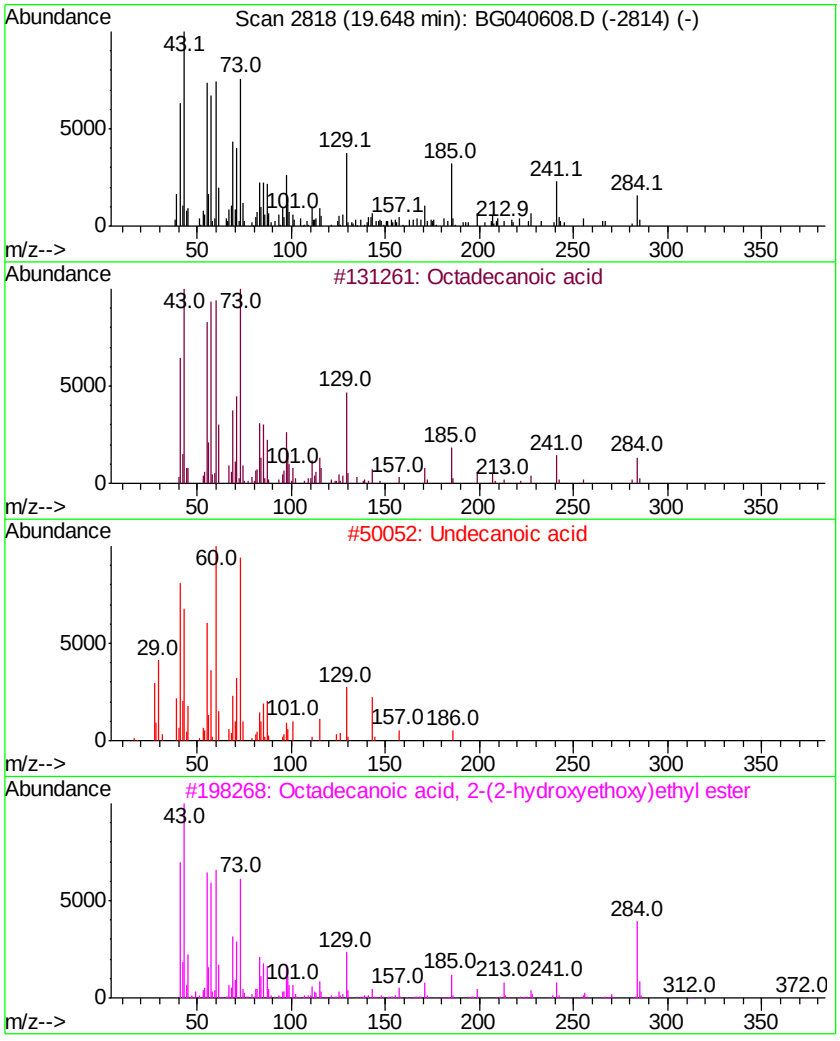
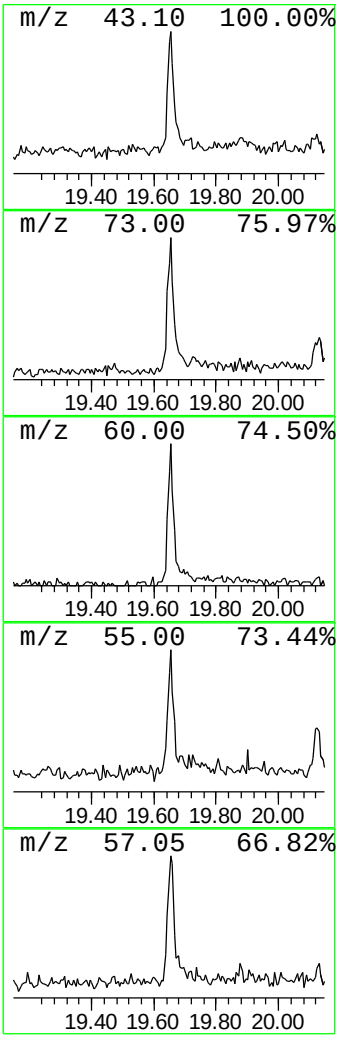
Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	3.59 ng	185644	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Undecanoic acid	186	C11H22O2	000112-37-8	78
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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
1-Pentene, 2-methyl-	3.16	43.5	ng	671364	1	8.16	308911	20.0
Butane, 2-methoxy...	3.24	7.0	ng	108274	1	8.16	308911	20.0
unknown7.68	7.68	86.2	ng	1331100	1	8.16	308911	20.0
Cyclobutane-1,1-d...	10.17	2.3	ng	54272	2	10.98	463167	20.0
n-Hexadecanoic acid	18.38	2.2	ng	115346	4	17.53	1035390	20.0
Octadecanoic acid	19.65	3.6	ng	185644	4	17.53	1035390	20.0