LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039670.D
Acq On : 28 Feb 2019 21:35
Operator : JU/SJ
Sample : K1628-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-2-0.5-1.0

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-BG012919.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	3.218	17	22	31	rBV	81827	166159	4.19%	0.697%
2	3.294	31	35	41	rVB	54364	76280	1.92%	0.320%
3	4.851	293	300	309	rBV	121122	199381	5.03%	0.837%
4	5.250	361	368	378	rBV	70169	110834	2.80%	0.465%
5	5.708	439	446	460	rBV	989036	1594974	40.25%	6.693%
6	7.312	711	719	731	rBV	1239499	2216605	55.93%	9.302%
7	7.694	776	784	798	rBV	1144583	1953050	49.28%	8.196%
8	8.164	857	864	877	rVB	211300	361209	9.11%	1.516%
9	8.487	910	919	927	rBV	810738	1428699	36.05%	5.995%
10	9.345	1056	1065	1075	rBV	737215	1318205	33.26%	5.532%
11	10.984	1337	1344	1353	rBV	289968	527313	13.31%	2.213%
12	13.410	1748	1757	1766	rBV	1743143	2798377	70.61%	11.743%
13	14.226	1887	1896	1903	rBV	127721	192458	4.86%	0.808%
14	14.790	1984	1992	2001	rBV	483242	781419	19.72%	3.279%
15	16.270	2238	2244	2259	rBV	1193810	1853682	46.77%	7.779%
16	17.534	2452	2459	2469	rBV	636915	1005007	25.36%	4.217%
17	18.156	2560	2565	2572	rVB	46503	63547	1.60%	0.267%
18	18.379	2599	2603	2612	rBV2	64308	108984	2.75%	0.457%
19	19.449	2780	2785	2791	rBV	51278	59203	1.49%	0.248%
20	19.789	2839	2843	2849	rVB2	67822	75007	1.89%	0.315%
21	20.124	2894	2900	2909	rBV	2899168	3963080	100.00%	16.631%
22	20.829	3015	3020	3026	rBV	132686	157124	3.96%	0.659%
23	21.416	3114	3120	3131	rBV3	53233	125552	3.17%	0.527%
24	21.822	3182	3189	3196	rBV2	636632	1098460	27.72%	4.610%
25	22.597	3315	3321	3327	rBV2	38049	65019	1.64%	0.273%
26	23.314	3437	3443	3452	rVB	49726	92531	2.33%	0.388%
27	24.154	3579	3586	3594	rVB2	48923	106261	2.68%	0.446%
28	25.194	3748	3763	3780	rVB2	348292	1167005	29.45%	4.897%
29	26.327	3946	3956	3965	rBV3	33815	101488	2.56%	0.426%
30	27.755	4192	4199	4211	rVB3	18514	63226	1.60%	0.265%

Sum of corrected areas: 23830139

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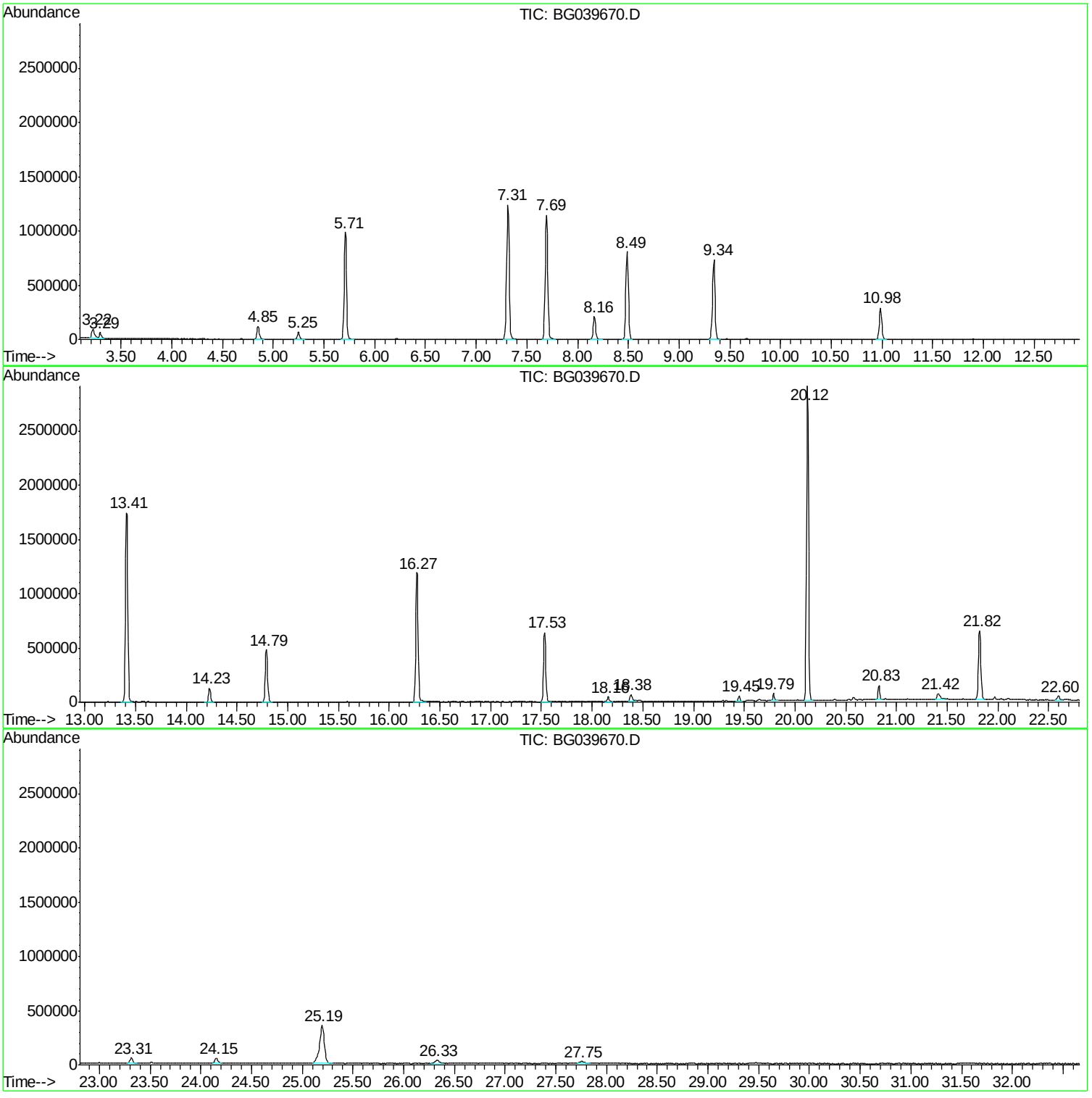
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

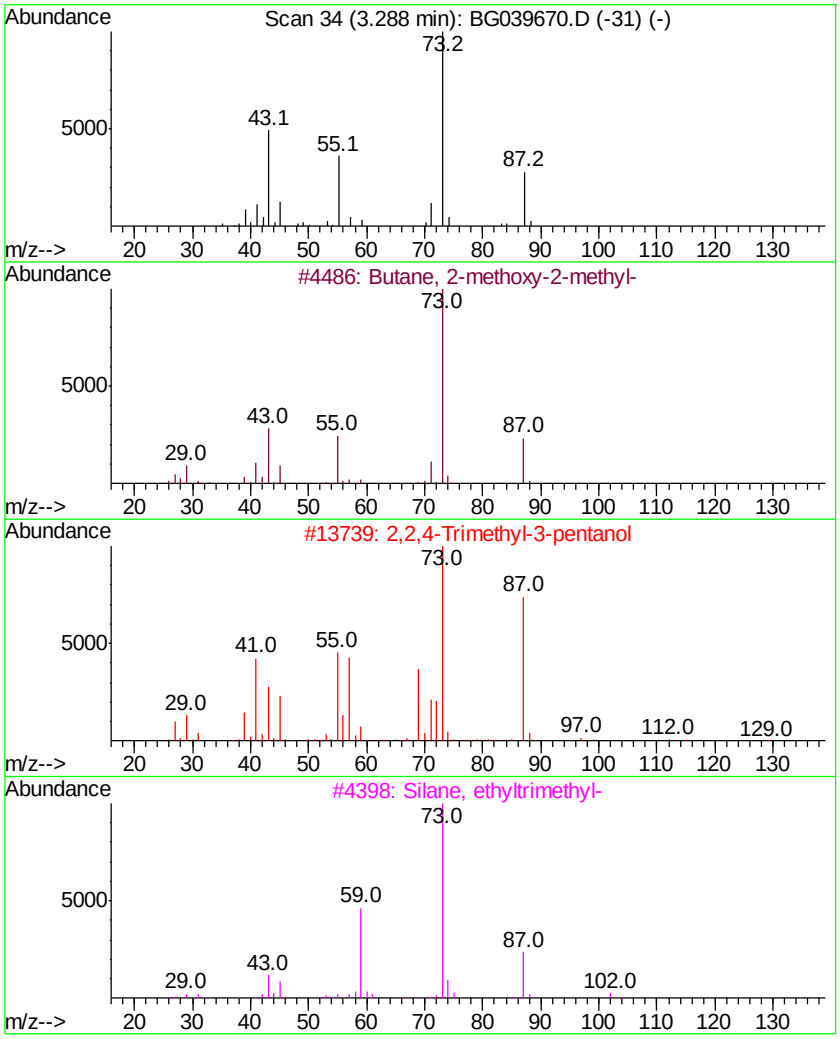
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

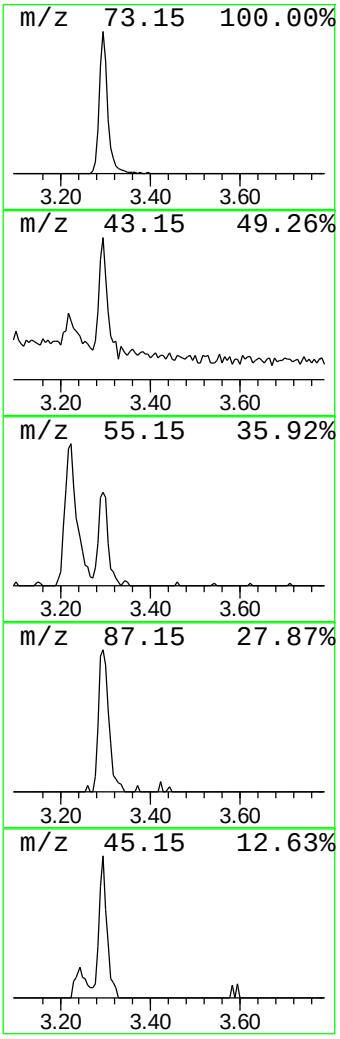
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.22 ng	76280	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	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	10





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : A0C5-2-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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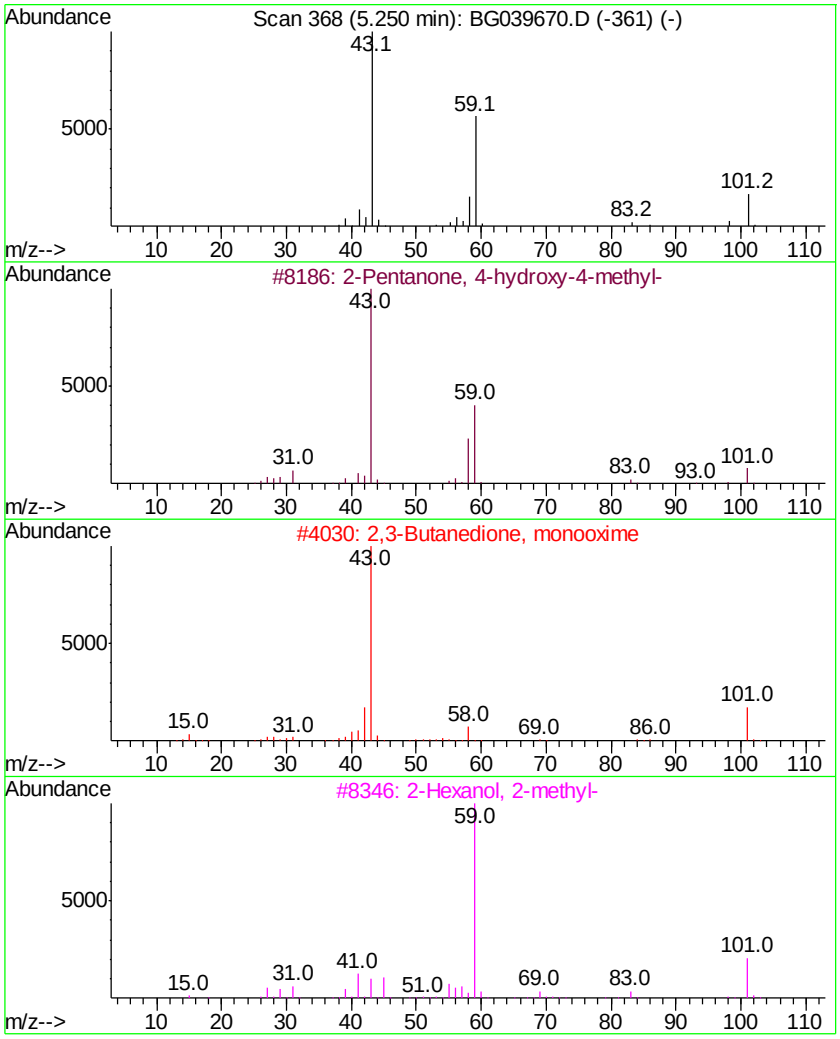
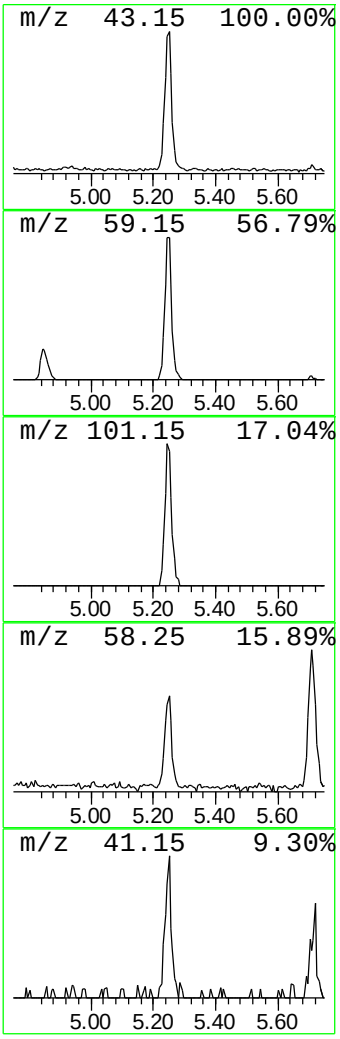
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	6.14 ng	110834	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Butane	58	C4H10	000106-97-8	9





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Instrument : BNA_G
ClientSampleId : A0C5-2-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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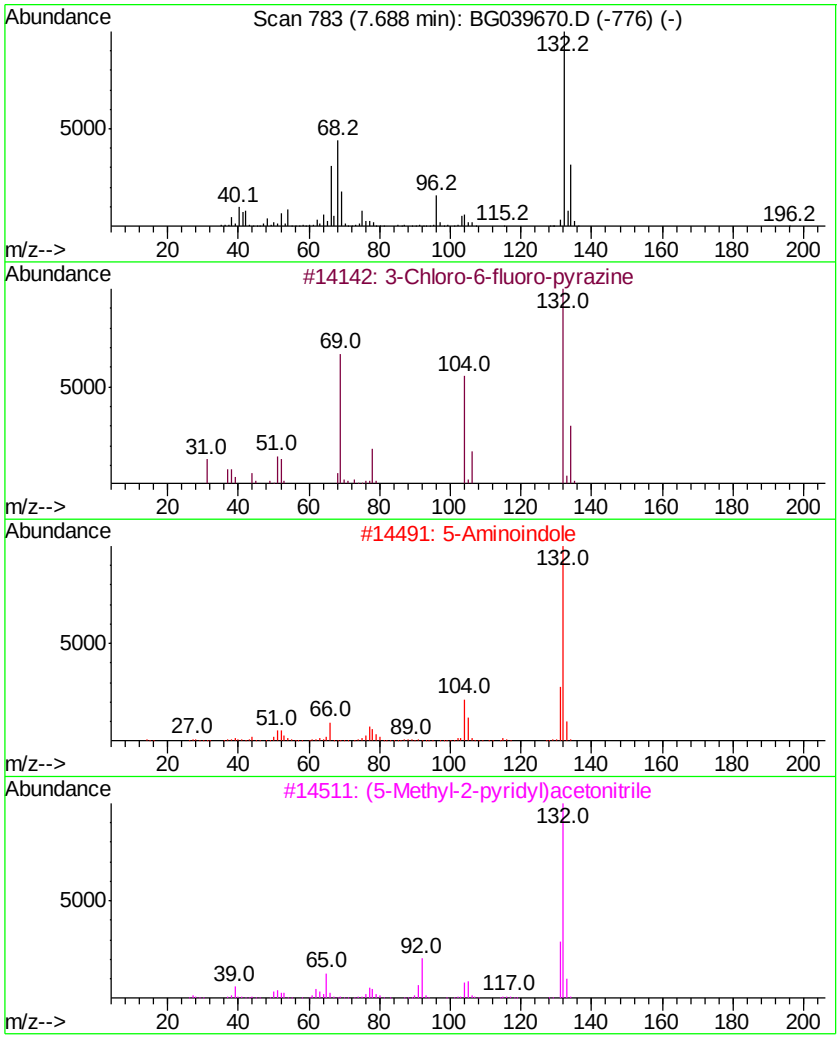
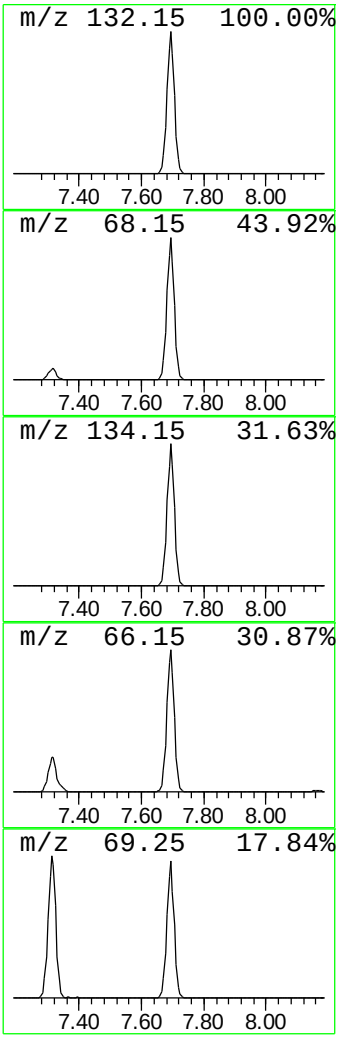
Peak Number 5 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	108.14 ng	1953050	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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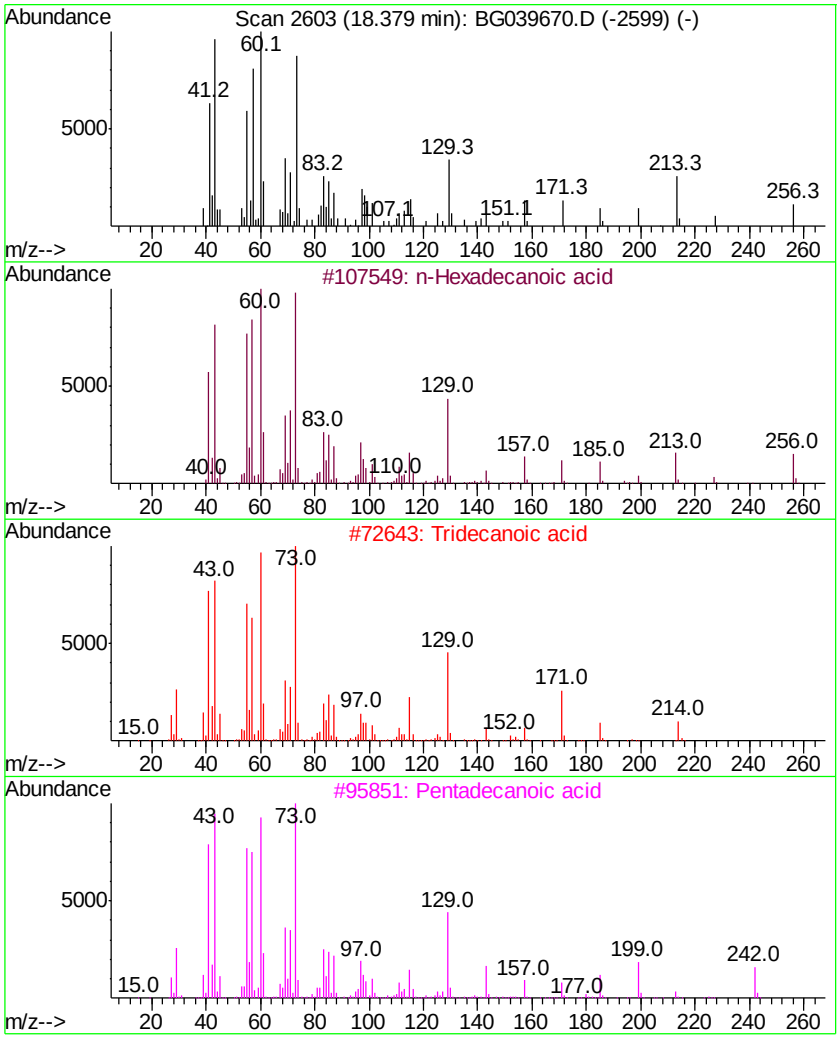
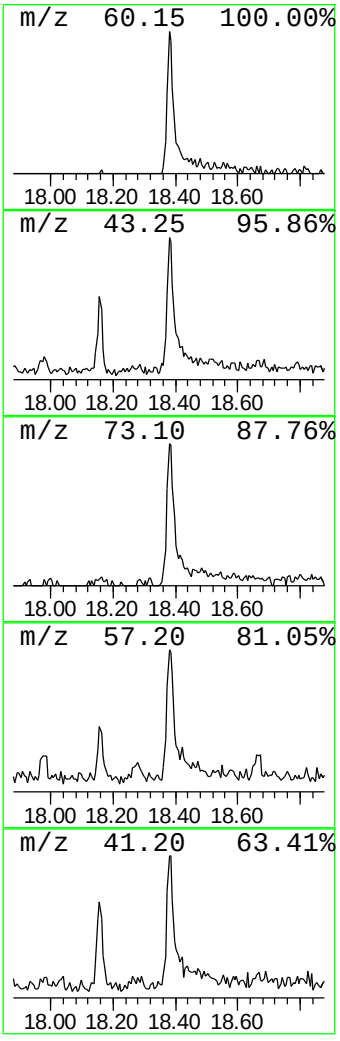
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.17 ng	108984	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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ClientSampleId : A0C5-2-0.5-1.0

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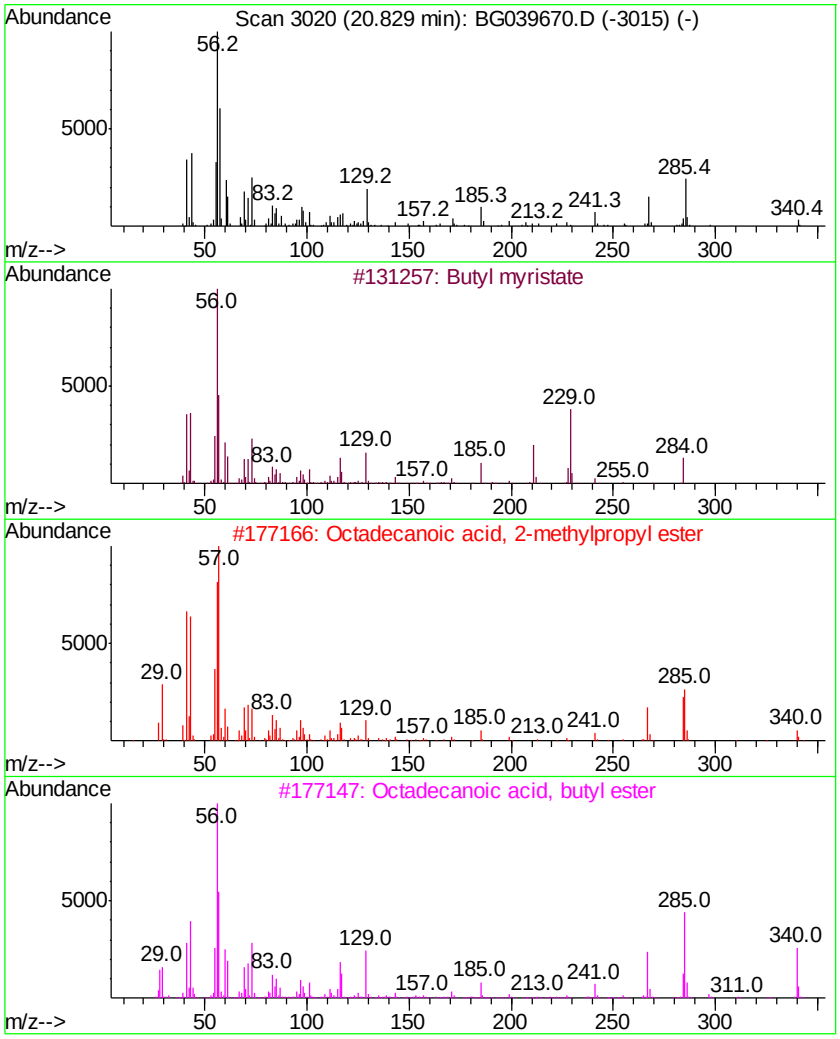
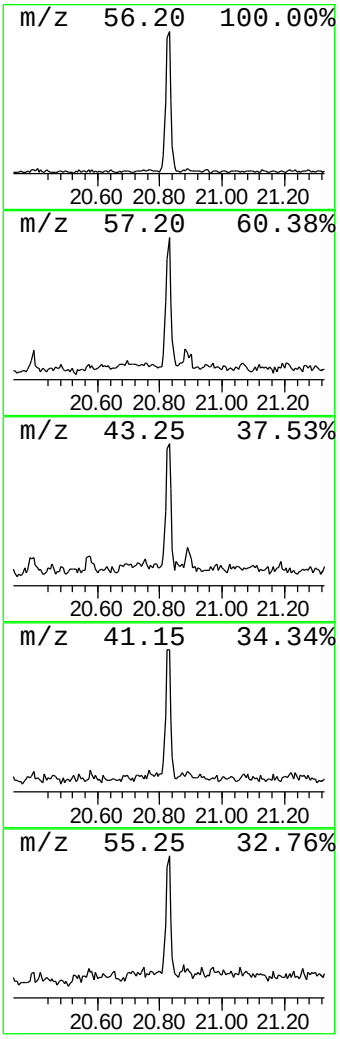
****

Peak Number 8 Butyl myristate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.86 ng	157124	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	64
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	40
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27





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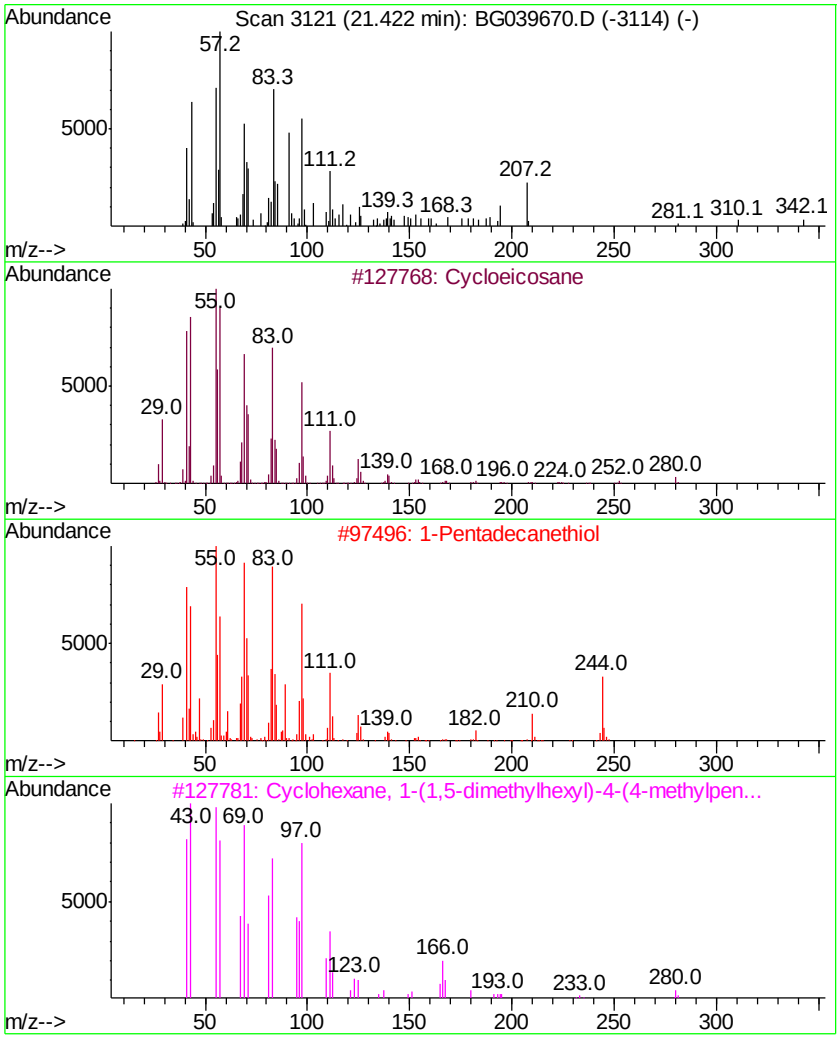
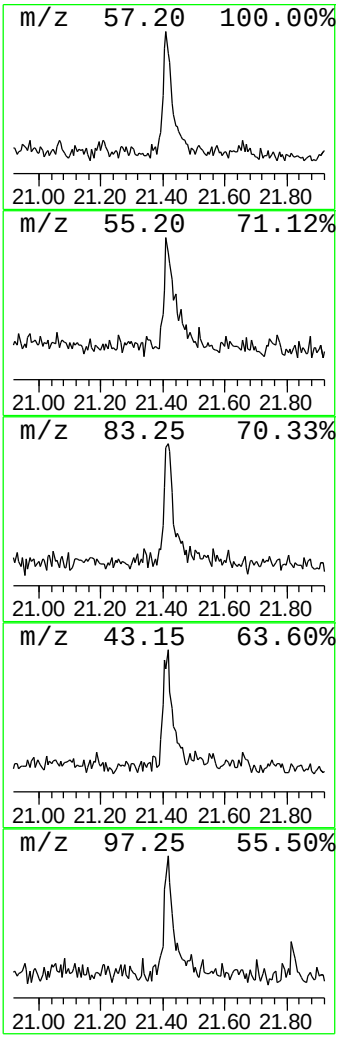
****

Peak Number 9 Cycloeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.29 ng	125552	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	90
2	1-Pentadecanethiol	244	C15H32S	025276-70-4	74
3	Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	64
4	Fumaric acid, hexadecyl 2-methyl...	394	C24H42O4	1000330-55-5	64
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	60





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	4.2	ng	76280	1	8.16	361209	20.0
2-Pentanone, 4-hy...	5.25	6.1	ng	110834	1	8.16	361209	20.0
unknown7.69	7.69	108.1	ng	1953050	1	8.16	361209	20.0
n-Hexadecanoic acid	18.38	2.2	ng	108984	4	17.53	1005010	20.0
Butyl myristate	20.83	2.9	ng	157124	5	21.82	1098460	20.0
Cycloeicosane	21.42	2.3	ng	125552	5	21.82	1098460	20.0