LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040871.D
Acq On : 11 May 2019 7:26
Operator : HP/JU
Sample : K2647-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-050919-B

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	3.141	5	9	20	rVB	182748	357562	6.39%	1.396%
2	3.241	20	26	37	rVB	678526	1073838	19.20%	4.191%
3	3.535	72	76	87	rVB	90400	120461	2.15%	0.470%
4	4.698	270	274	282	rVB	53737	74287	1.33%	0.290%
5	5.162	348	353	356	rBV2	40798	55954	1.00%	0.218%
6	5.204	356	360	369	rVB	95905	145920	2.61%	0.570%
7	5.668	432	439	448	rBV	1034622	1615558	28.88%	6.305%
8	7.272	704	712	723	rBV	998134	1712904	30.62%	6.685%
9	7.660	770	778	787	rBV	1085211	1835506	32.81%	7.164%
10	8.135	853	859	866	rVB	194458	327091	5.85%	1.277%
11	8.459	906	914	926	rVB	741446	1292228	23.10%	5.043%
12	9.310	1051	1059	1068	rBV	696064	1227586	21.95%	4.791%
13	10.956	1329	1339	1345	rBV	246973	443235	7.92%	1.730%
14	13.388	1745	1753	1761	rBV	1921232	2872526	51.35%	11.211%
15	14.763	1980	1987	1996	rBV2	429788	681371	12.18%	2.659%
16	16.249	2233	2240	2258	rBV	1824082	2836631	50.71%	11.071%
17	17.507	2446	2454	2460	rBV2	647072	986188	17.63%	3.849%
18	20.104	2889	2896	2902	rBV	4339406	5593588	100.00%	21.831%
19	21.784	3176	3182	3193	rBV	677228	1205340	21.55%	4.704%
20	25.133	3740	3752	3767	rBV	374944	1164081	20.81%	4.543%

Sum of corrected areas: 25621855

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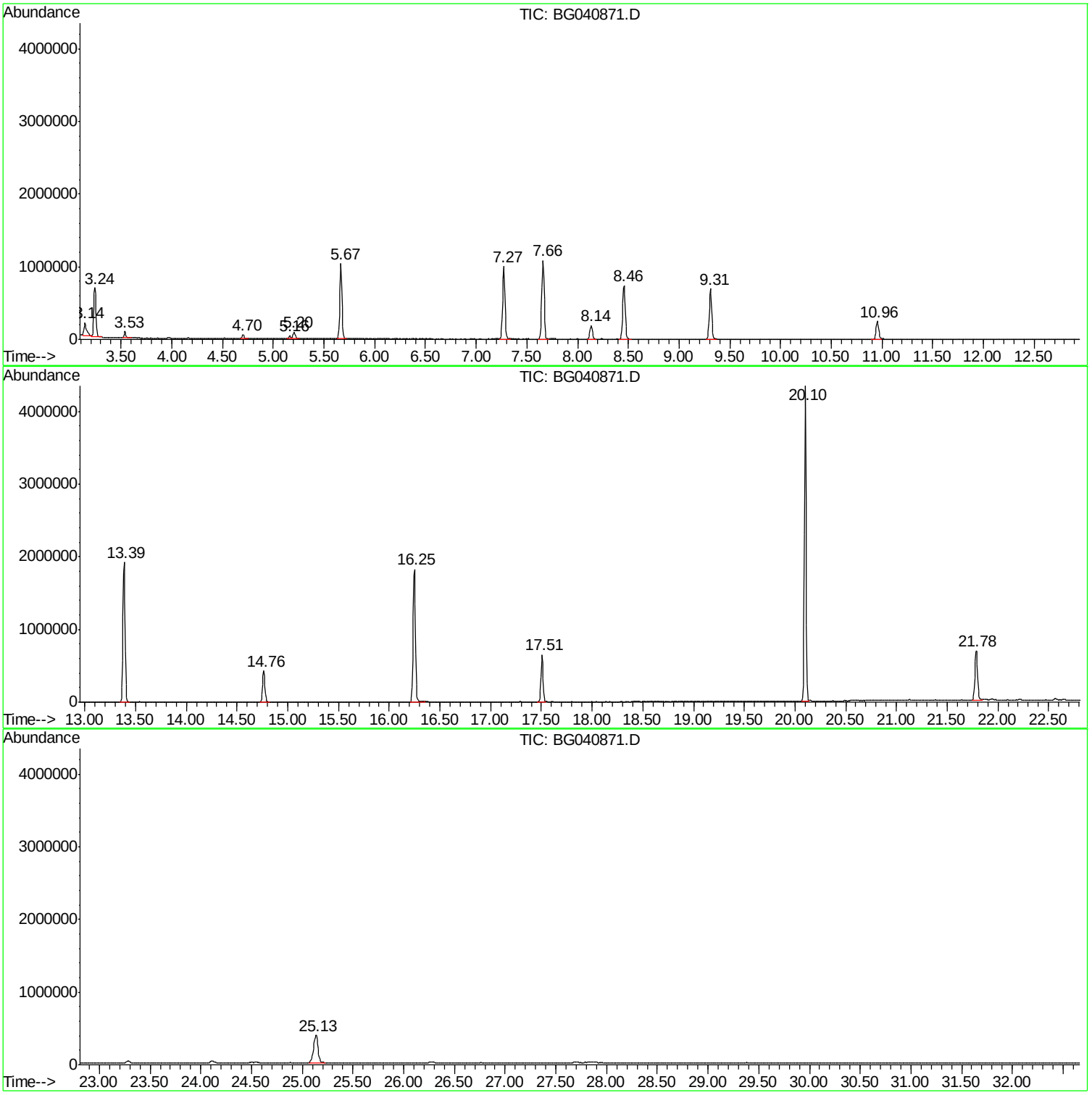
BNA_G
ClientSampleId :
SU-02-050919-B

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



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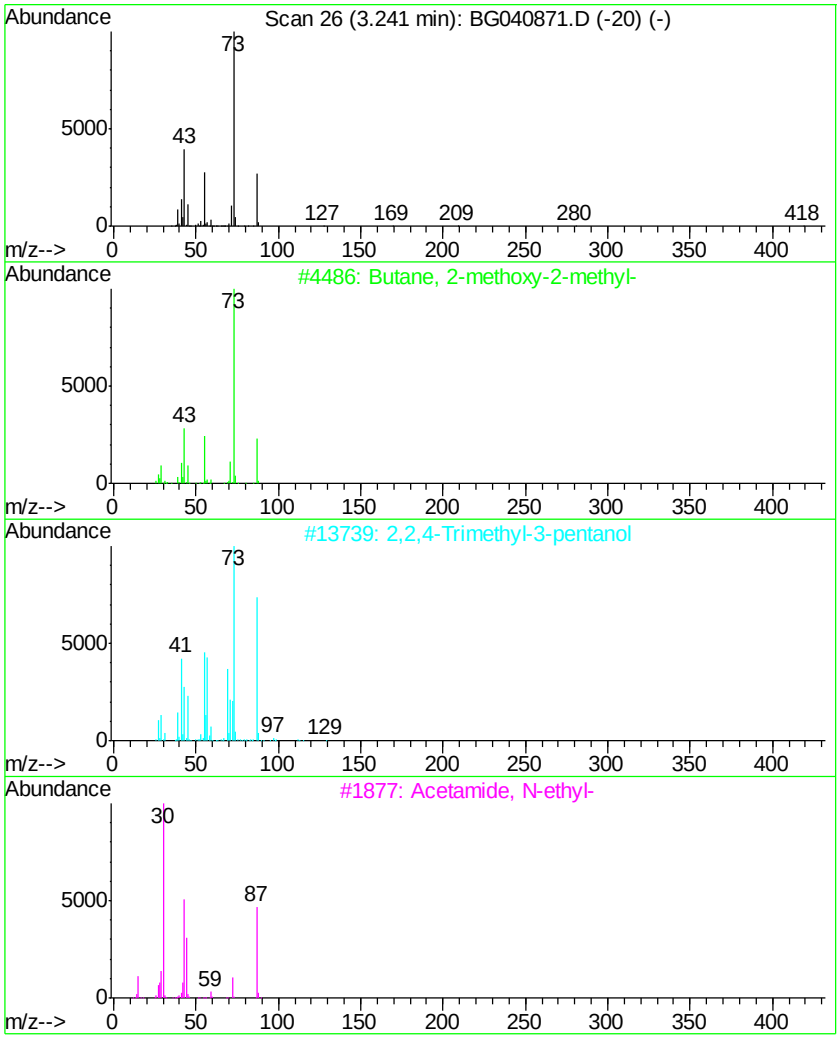
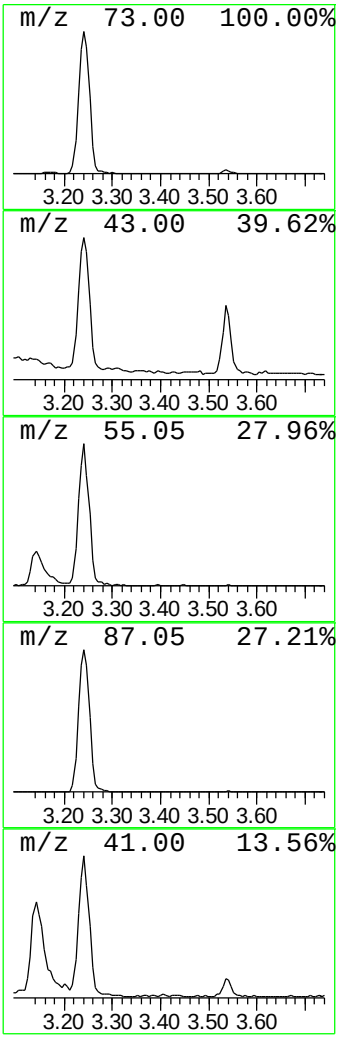
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	65.66 ng	1073840	1,4-Dichlorobenzene-d4	8.14

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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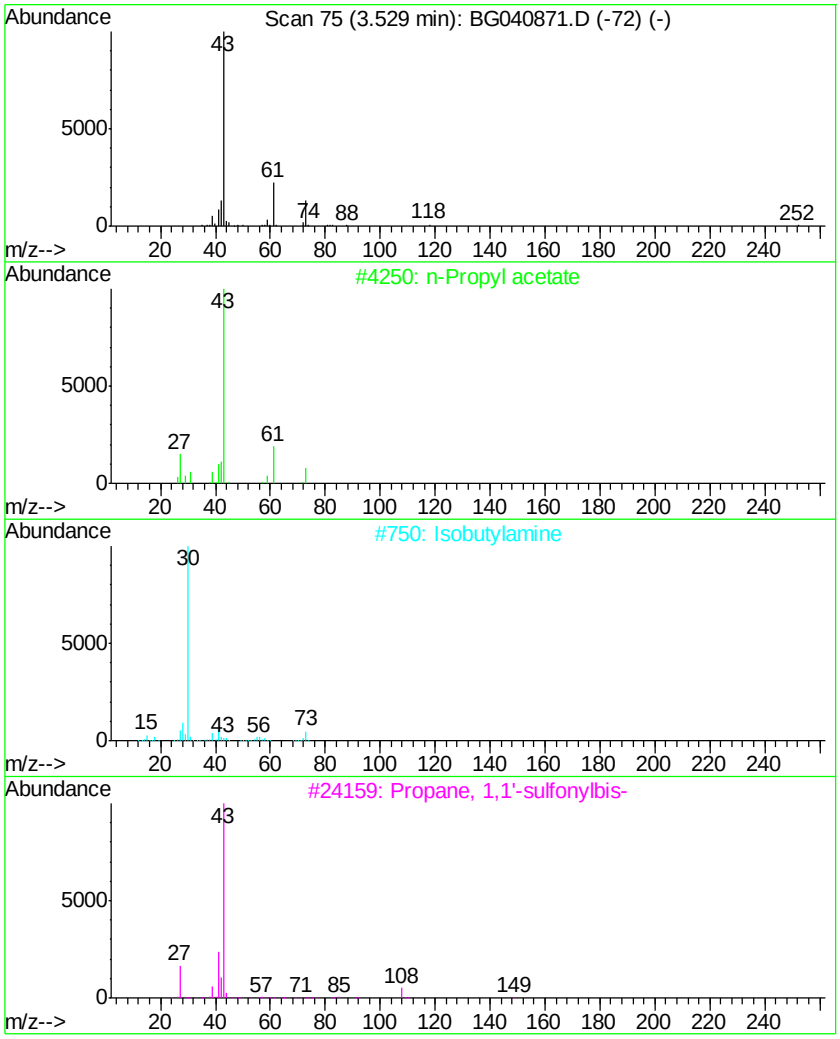
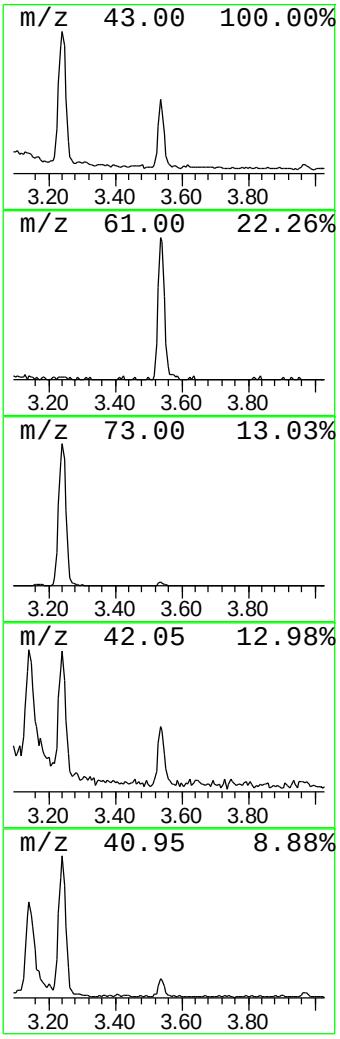
****

Peak Number 3 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	7.37 ng	120461	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	56
2	Isobutylamine	73	C4H11N	000078-81-9	9
3	Propane, 1,1'-sulfonylbis-	150	C6H14O2S	000598-03-8	9
4	1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	9
5	1-Pentanol, 5-chloro-, acetate	164	C7H13ClO2	020395-28-2	9





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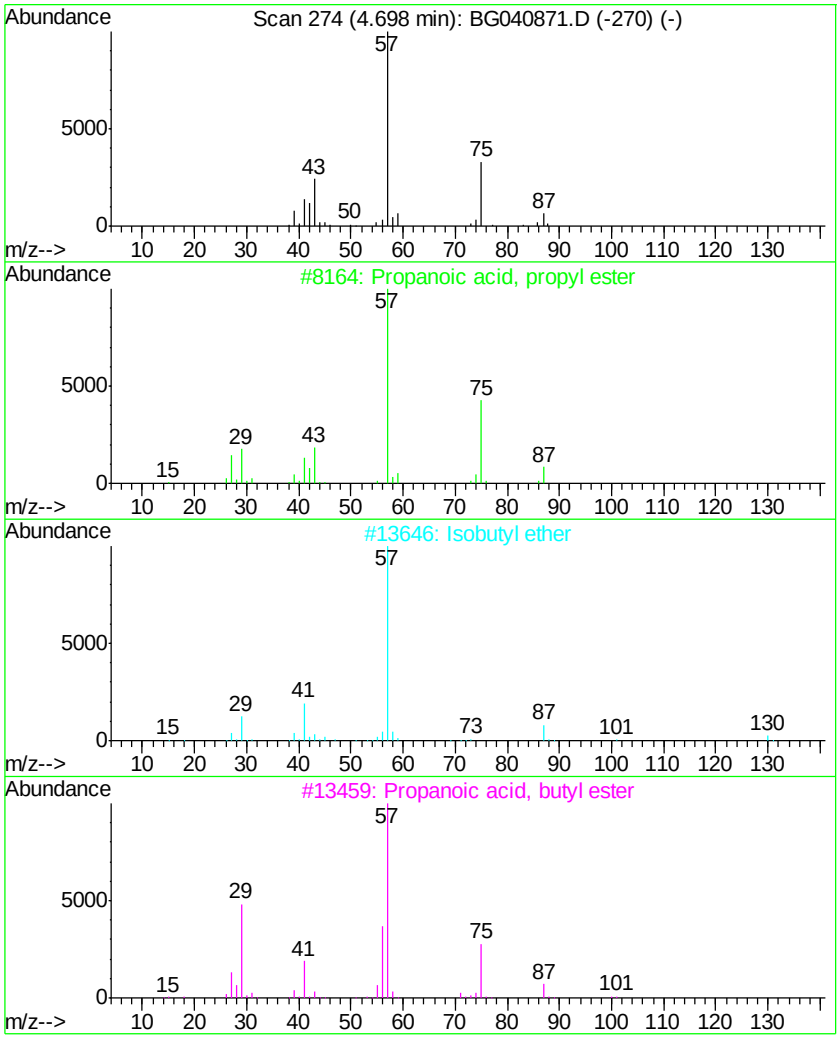
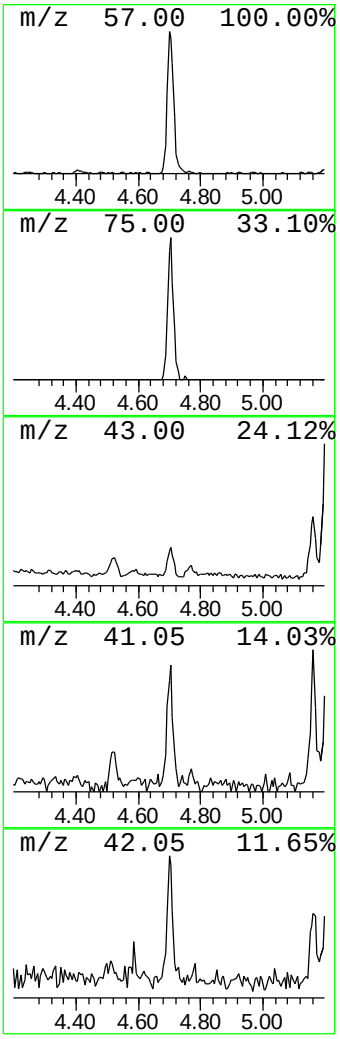
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	4.54 ng	74287	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
2	Isobutyl ether	130	C8H18O	000628-55-7	37
3	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	16
5	1-Pentanamine	87	C5H13N	000110-58-7	9





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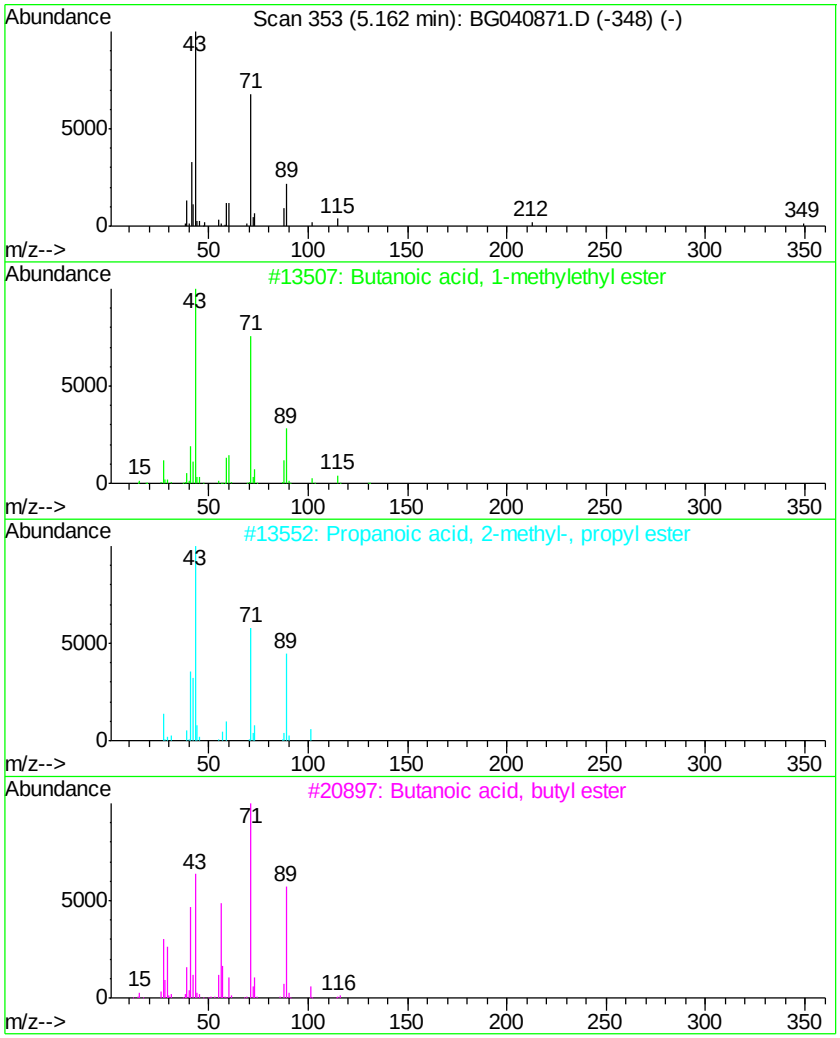
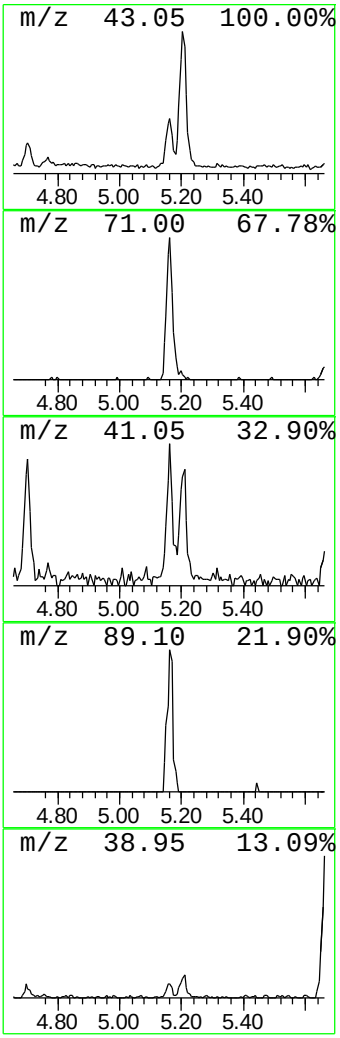
Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	3.42 ng	55954	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	45
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	45
4	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	38
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	36





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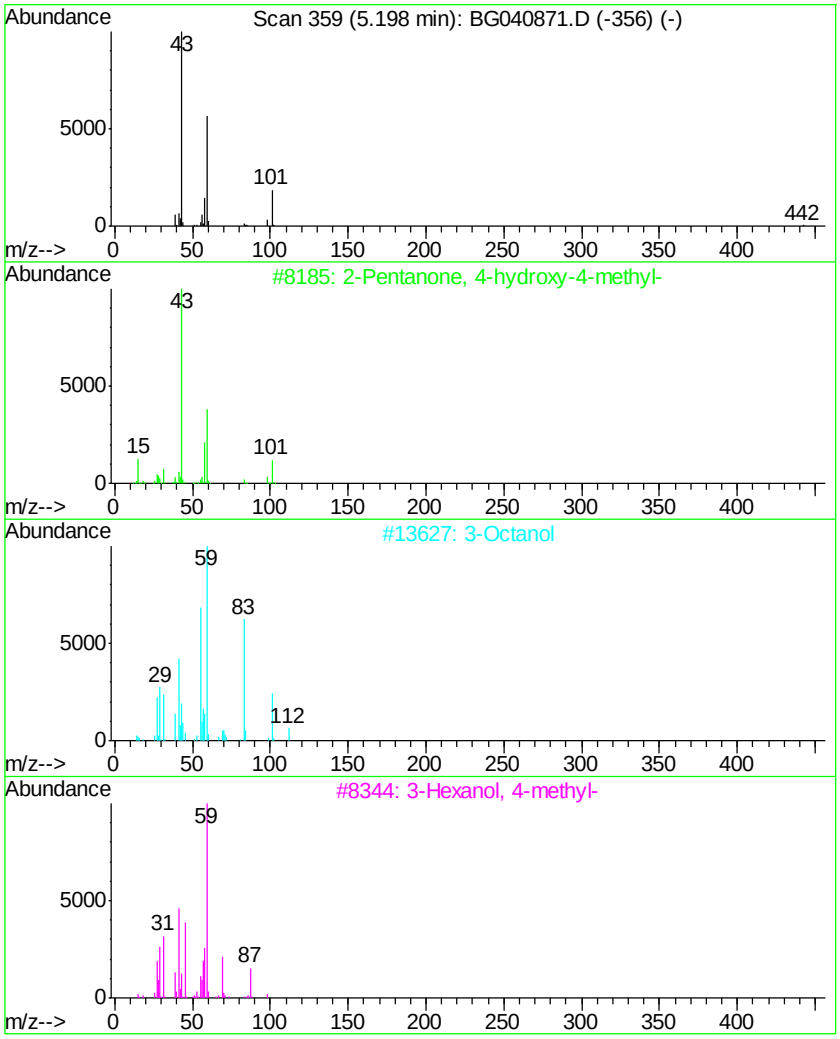
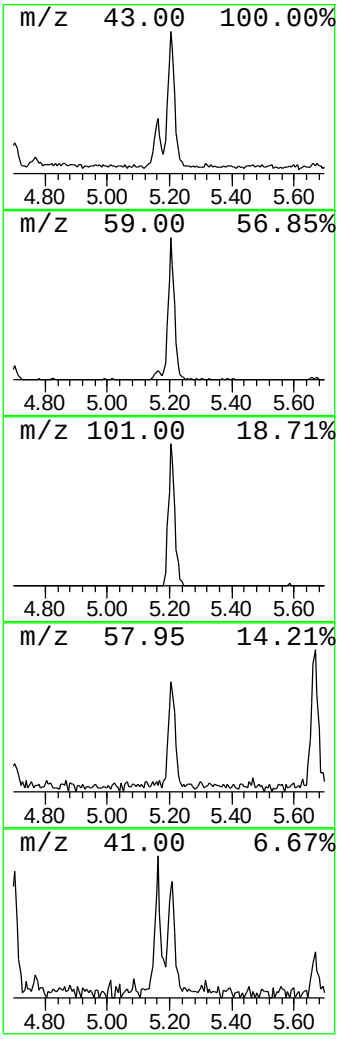
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	8.92 ng	145920	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Octanol	130	C8H18O	000589-98-0	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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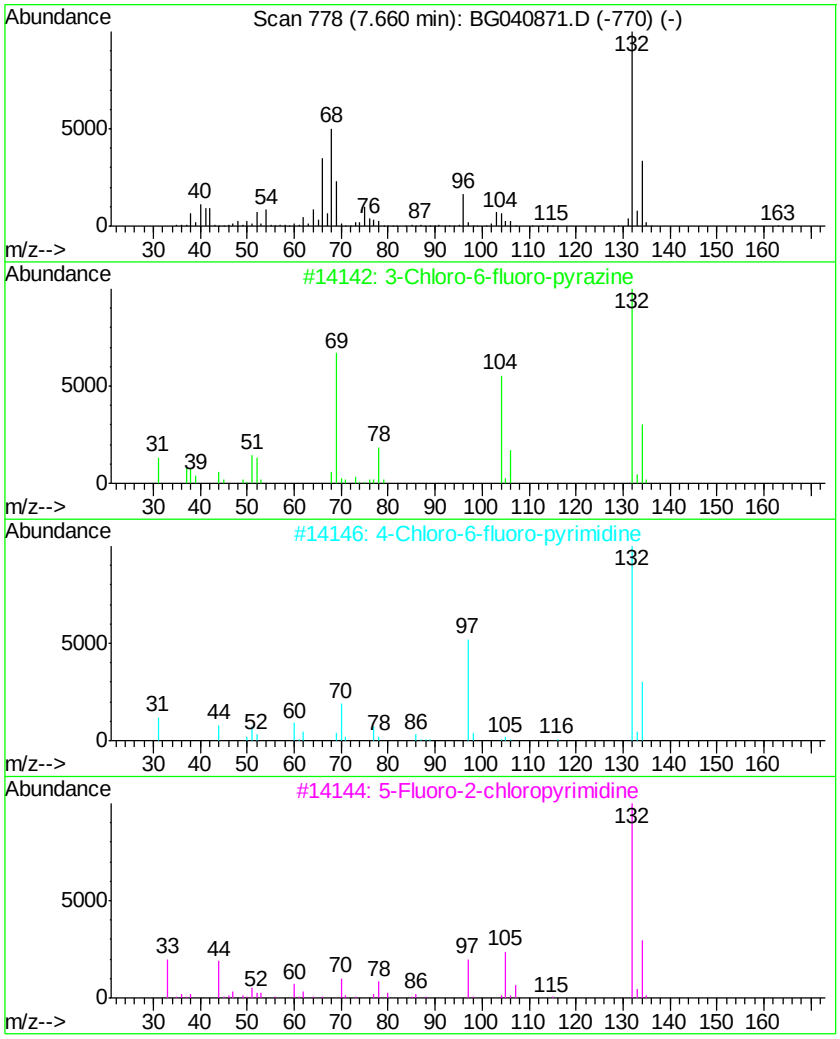
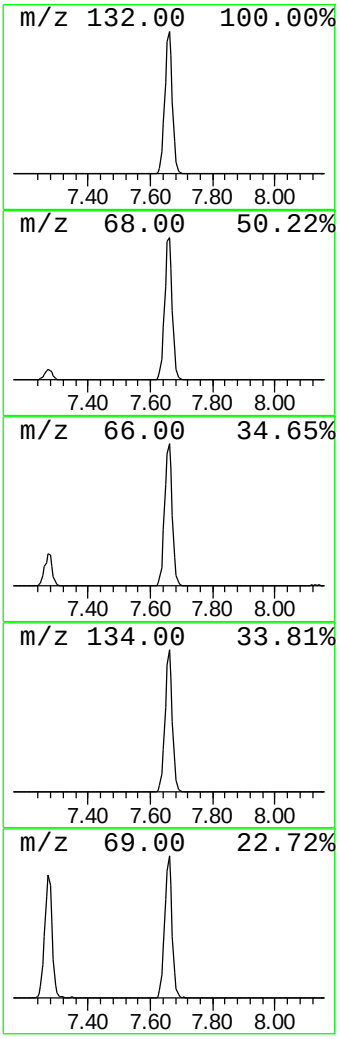
Peak Number 7 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	112.23 ng	1835510	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.24	65.7	ng	1073840	1	8.14	327091	20.0
n-Propyl acetate	3.53	7.4	ng	120461	1	8.14	327091	20.0
Propanoic acid, p...	4.70	4.5	ng	74287	1	8.14	327091	20.0
Butanoic acid, 1-...	5.16	3.4	ng	55954	1	8.14	327091	20.0
2-Pentanone, 4-hy...	5.20	8.9	ng	145920	1	8.14	327091	20.0
unknown7.66	7.66	112.2	ng	1835510	1	8.14	327091	20.0