LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040864.D
Acq On : 11 May 2019 3:00
Operator : HP/JU
Sample : K2750-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11995

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	3.140	4	9	20	rVV	193030	386195	6.58%	1.484%
2	3.234	20	25	37	rVB	659377	998730	17.01%	3.838%
3	3.534	71	76	86	rVB	79075	104273	1.78%	0.401%
4	4.703	270	275	280	rBV	47266	64122	1.09%	0.246%
5	5.203	356	360	368	rVB	60689	96890	1.65%	0.372%
6	5.667	431	439	448	rBV	1013605	1574436	26.82%	6.051%
7	7.271	704	712	725	rBV	957246	1680570	28.62%	6.459%
8	7.659	770	778	785	rBV	1104019	1832303	31.21%	7.042%
9	8.135	852	859	867	rBV	192348	323469	5.51%	1.243%
10	8.458	906	914	923	rVB	733626	1264809	21.54%	4.861%
11	9.310	1051	1059	1075	rBV	673432	1230615	20.96%	4.729%
12	10.955	1332	1339	1349	rBV	243390	433508	7.38%	1.666%
13	13.387	1746	1753	1763	rVB	1889375	2888391	49.19%	11.100%
14	14.762	1980	1987	1995	rBV2	423690	683782	11.65%	2.628%
15	16.249	2230	2240	2256	rBV	1876172	2872776	48.93%	11.040%
16	17.506	2447	2454	2469	rBV	696454	1008218	17.17%	3.875%
17	20.103	2890	2896	2902	rBV	4453523	5871415	100.00%	22.565%
18	21.789	3176	3183	3190	rBV	750267	1259944	21.46%	4.842%
19	22.565	3309	3315	3323	rBV4	34568	65332	1.11%	0.251%
20	23.282	3431	3437	3443	rBV3	37742	73581	1.25%	0.283%
21	24.116	3571	3579	3586	rBV4	34563	77998	1.33%	0.300%
22	25.132	3740	3752	3766	rVB	411160	1229110	20.93%	4.724%

Sum of corrected areas: 26020467

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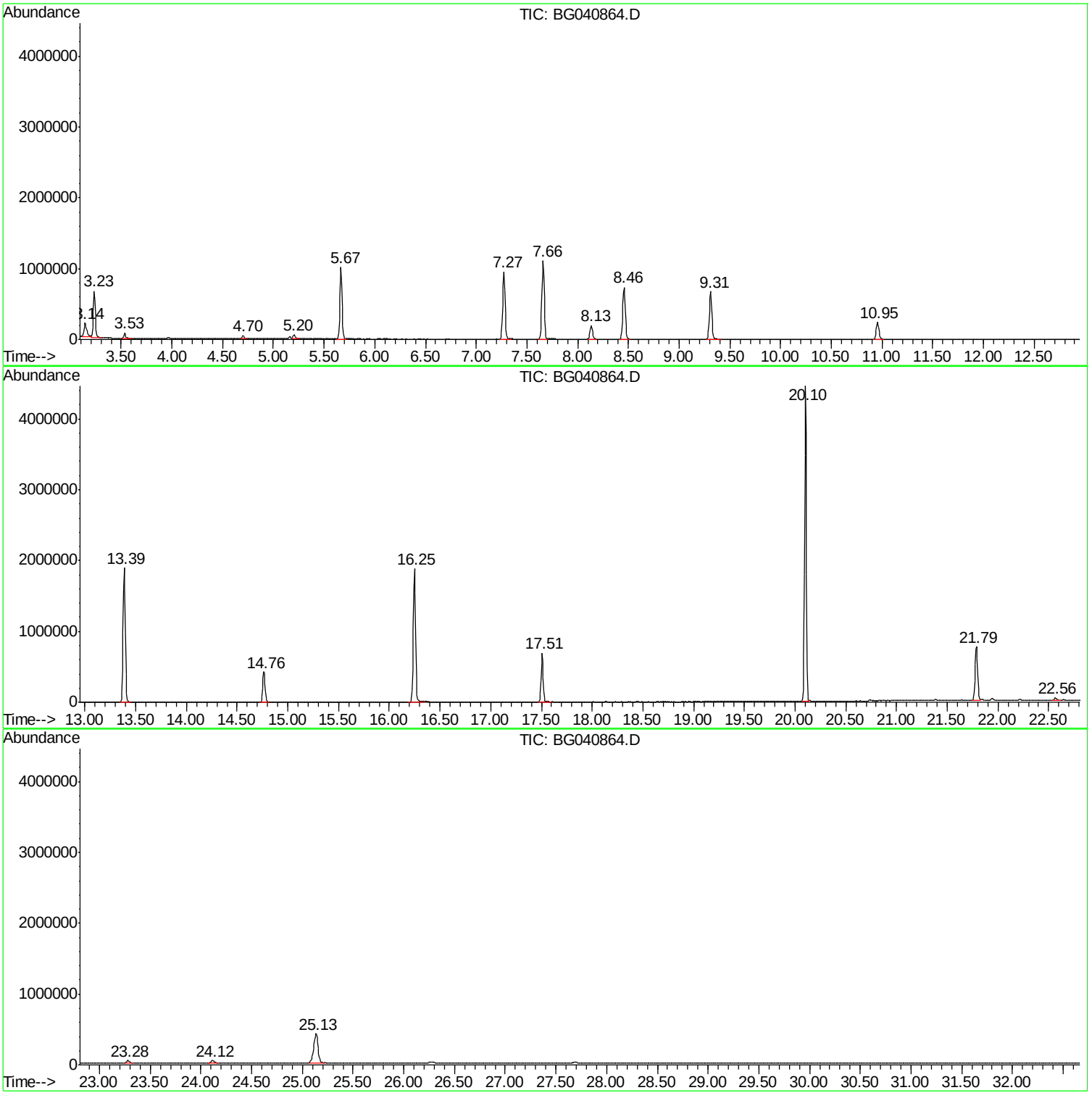
Instrument :
BNA_G
ClientSampleId :
72-11995

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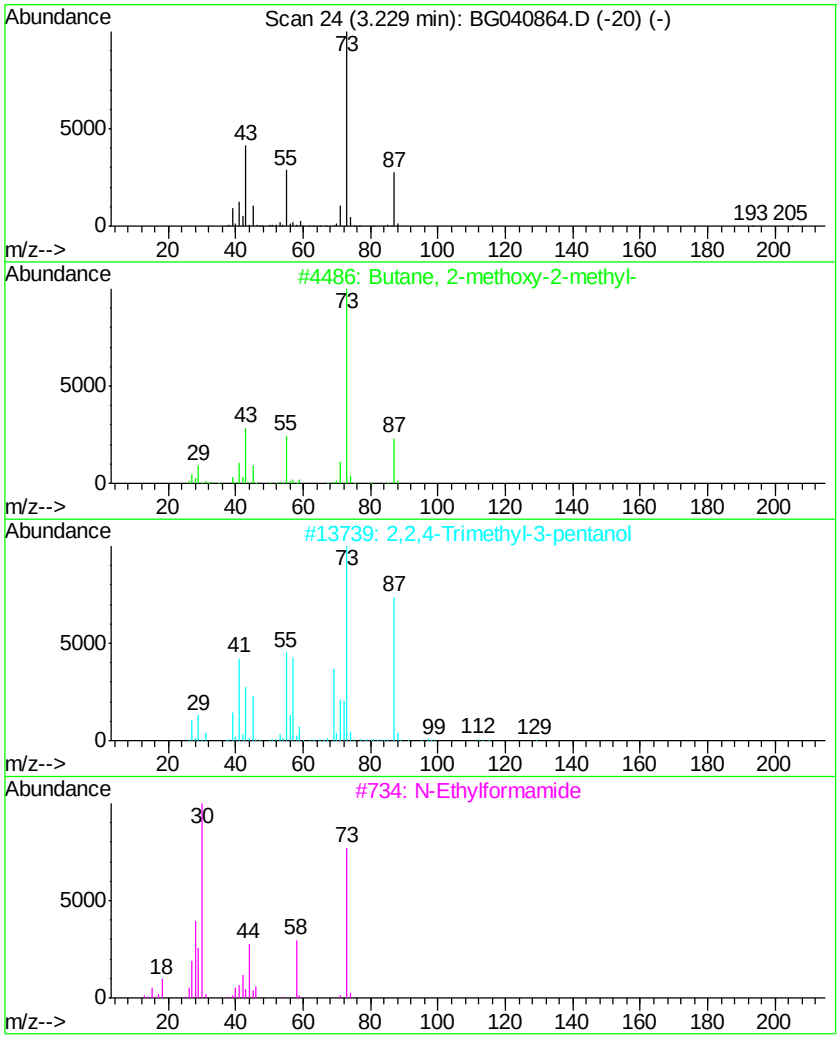
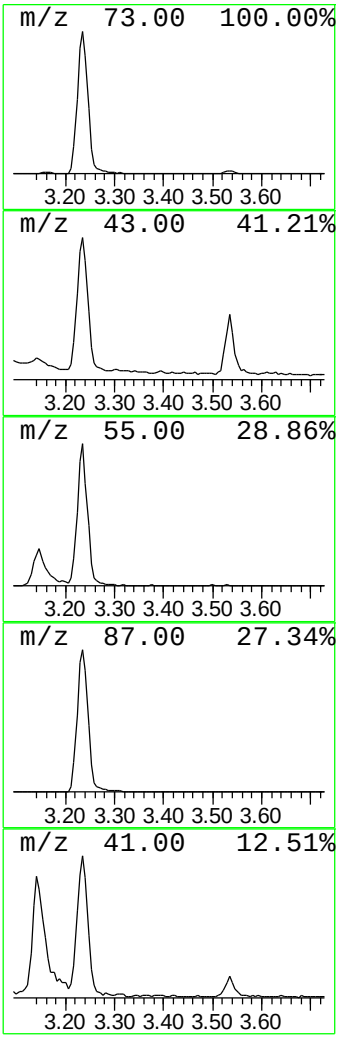
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	61.75 ng	998730	1,4-Dichlorobenzene-d4	8.13

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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





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Instrument : BNA_G
ClientSampleId : 72-11995

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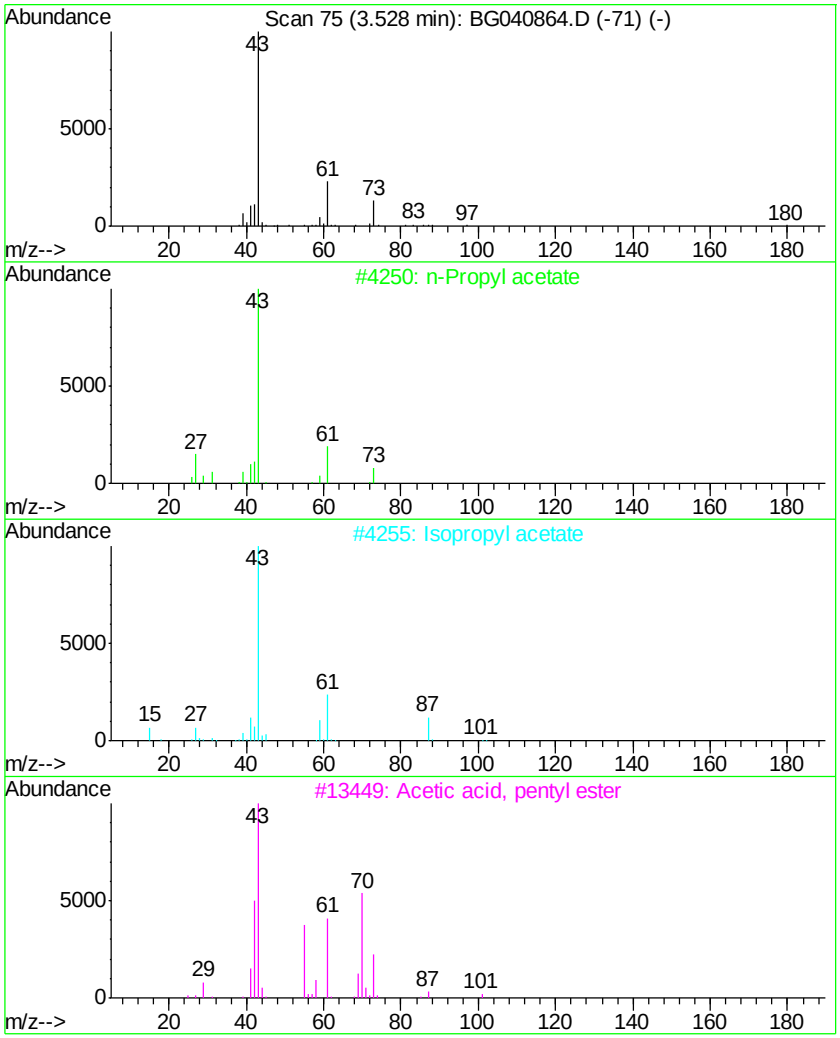
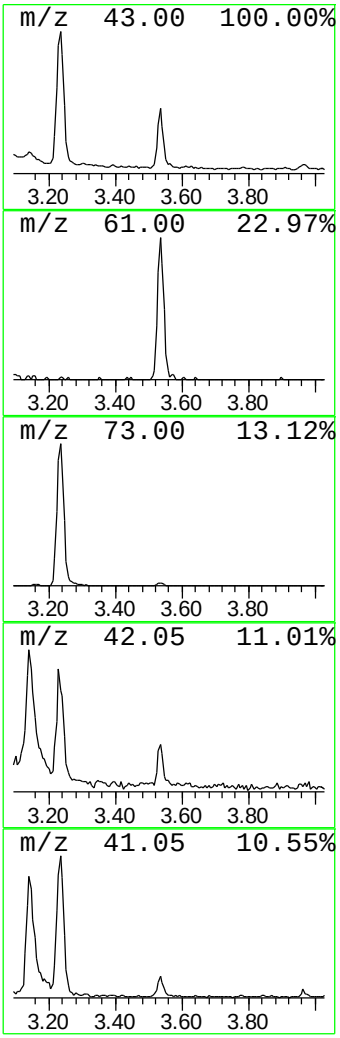
Peak Number 3 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	6.45 ng	104273	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	64
2	Isopropyl acetate	102	C5H10O2	000108-21-4	33
3	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
4	4-Fluoro-4-methylpentane-2,3-dione	132	C6H9FO2	1000367-34-8	9
5	Cyclobutylamine	71	C4H9N	002516-34-9	9





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Misc :
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Instrument : BNA_G
ClientSampleId : 72-11995

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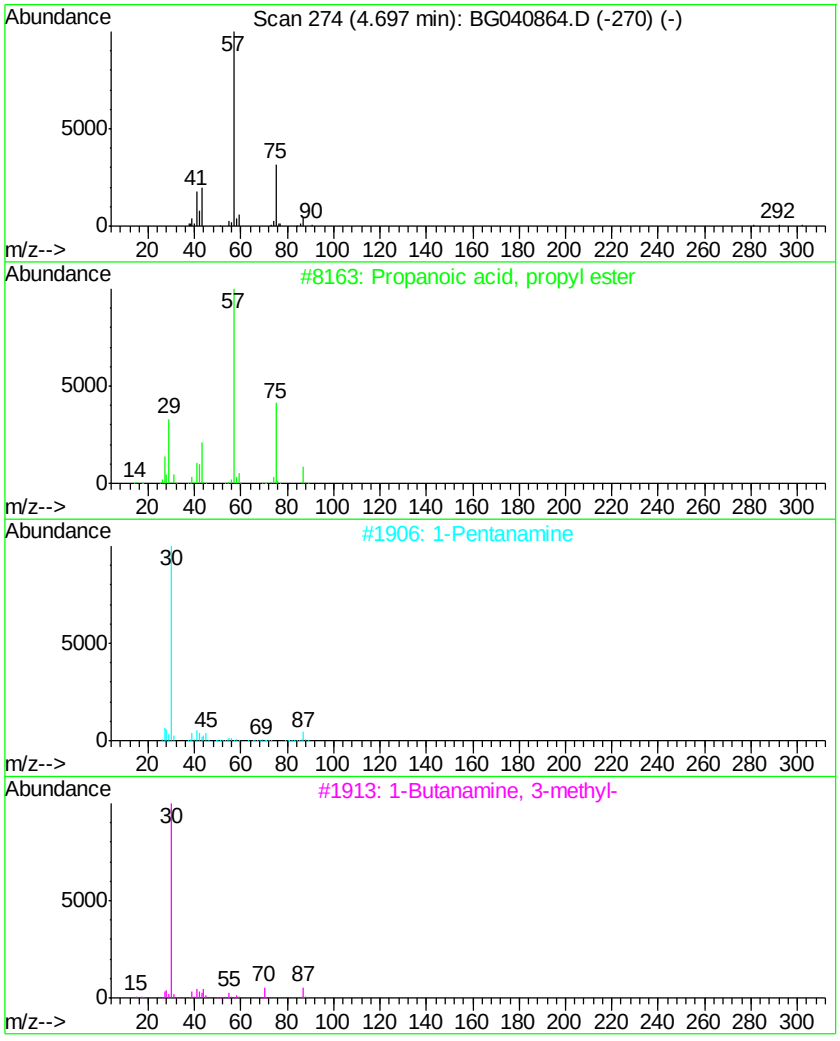
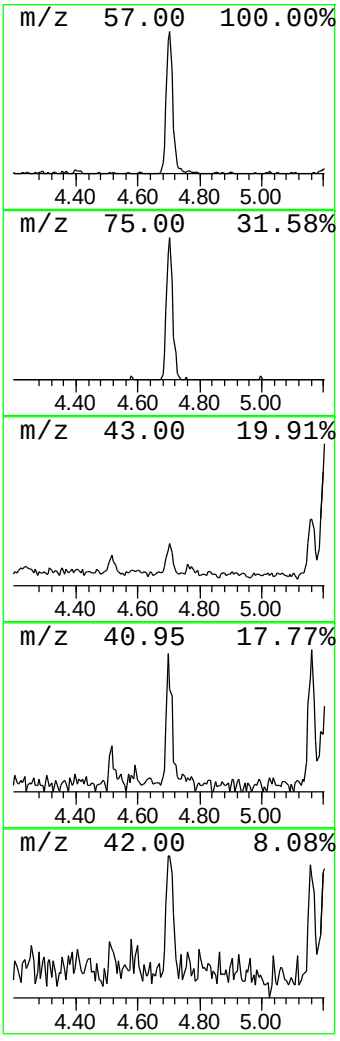
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	3.96 ng	64122	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	1-Pentanamine	87	C5H13N	000110-58-7	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	9





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Instrument : BNA_G
ClientSampleId : 72-11995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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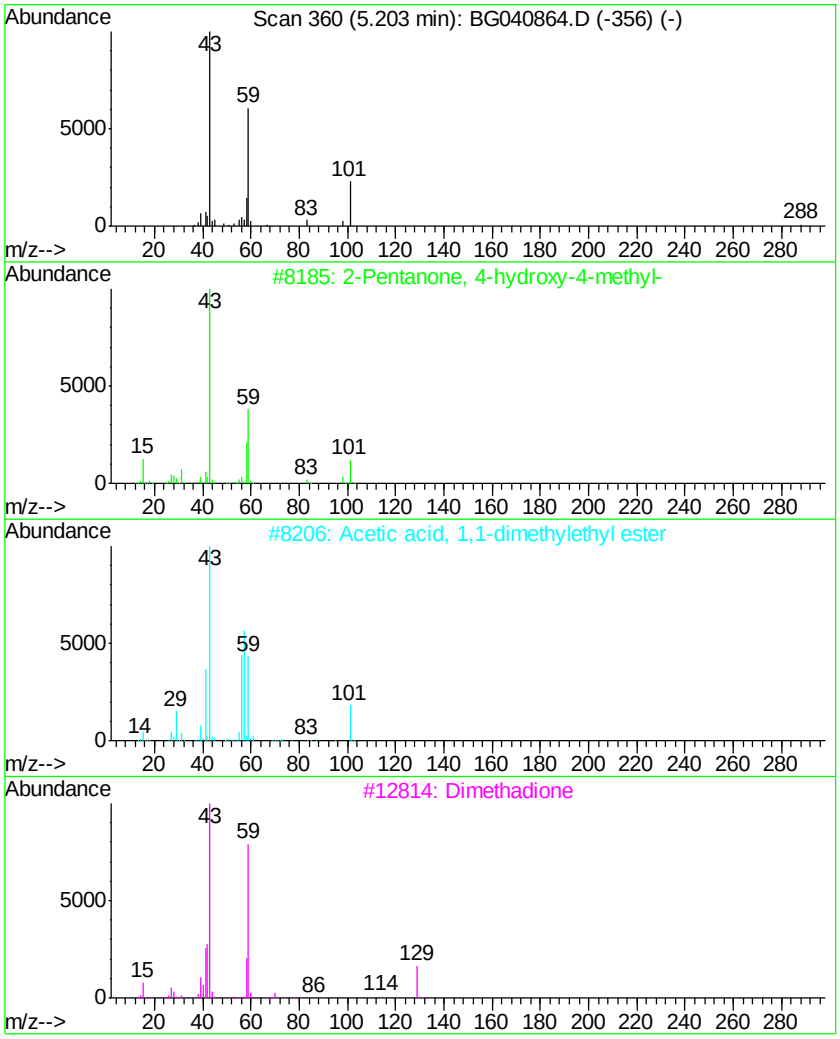
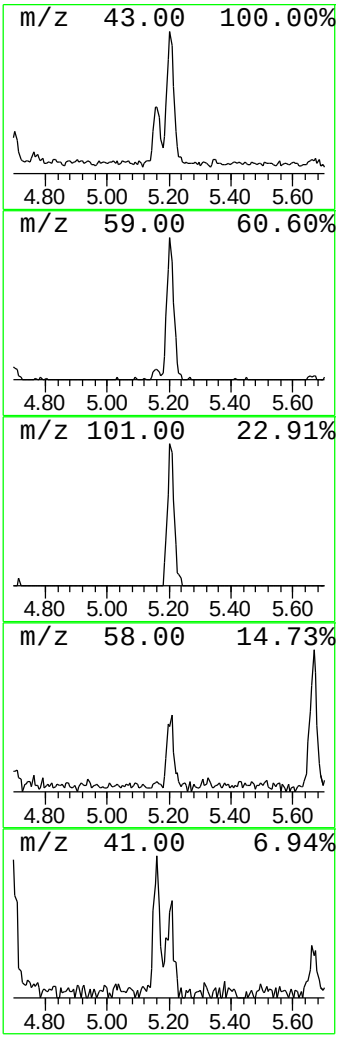
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.99 ng	96890	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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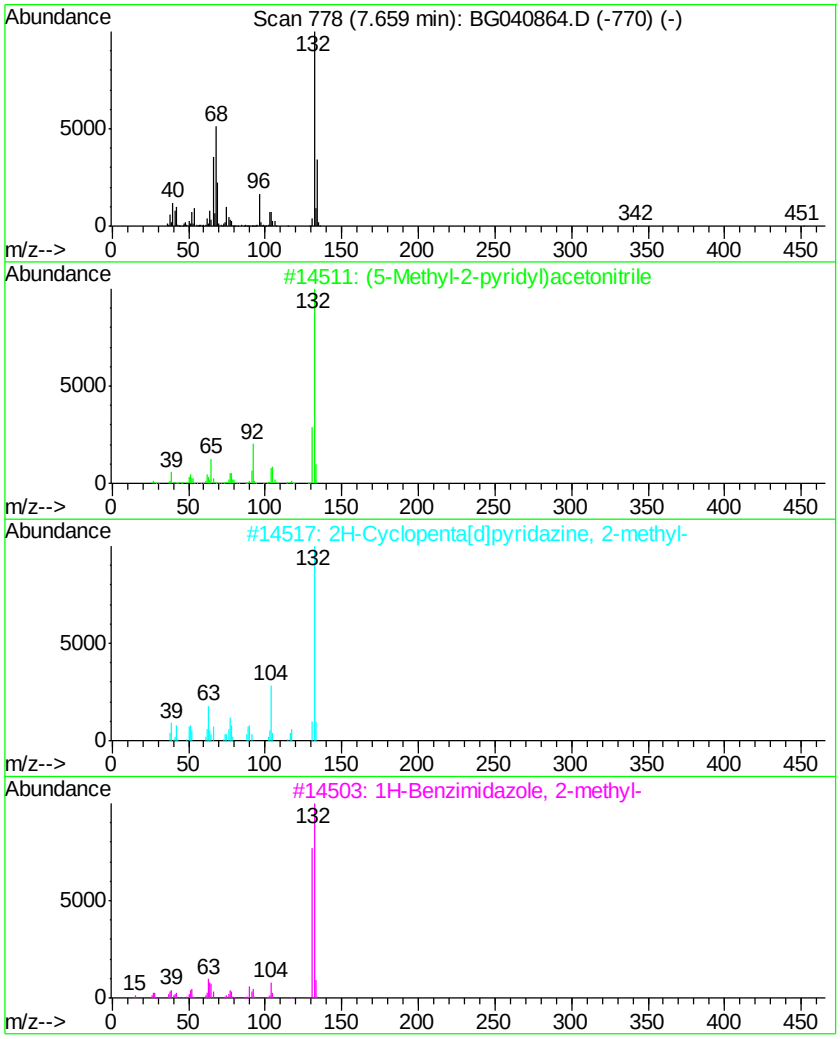
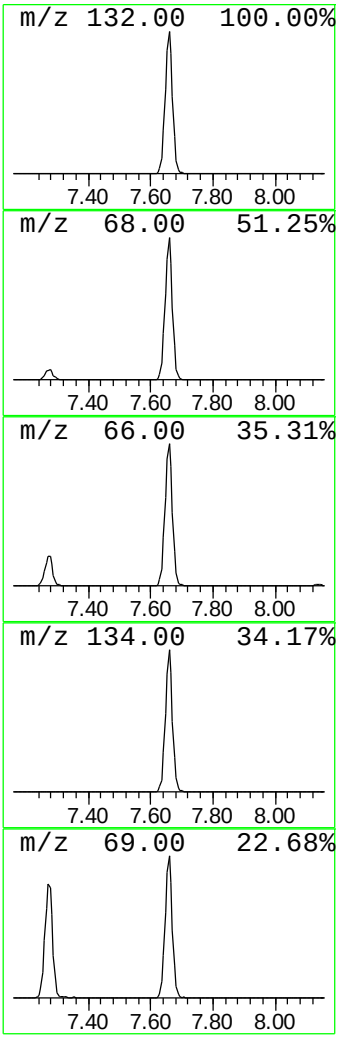
****

Peak Number 6 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	113.29 ng	1832300	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	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...	3.23	61.8	ng	998730	1	8.13	323469	20.0
n-Propyl acetate	3.53	6.5	ng	104273	1	8.13	323469	20.0
Propanoic acid, p...	4.70	4.0	ng	64122	1	8.13	323469	20.0
2-Pentanone, 4-hy...	5.20	6.0	ng	96890	1	8.13	323469	20.0
unknown7.66	7.66	113.3	ng	1832300	1	8.13	323469	20.0