LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018750.D
Acq On : 07 Feb 2019 22:41
Operator : JU/SJ
Sample : K1401-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

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_M\METHODS\8270-BM010919.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	3.263	26	30	41	rVB	426174	476057	3.22%	0.542%
2	4.269	197	201	211	rVB	105366	149240	1.01%	0.170%
3	4.375	215	219	228	rVB	224967	270980	1.83%	0.309%
4	4.816	290	294	298	rBV	174424	212977	1.44%	0.243%
5	4.863	298	302	314	rVB	654453	913947	6.18%	1.041%
6	5.310	371	378	395	rBV	5021164	7348672	49.67%	8.368%
7	6.893	639	647	664	rBV	4478508	7068371	47.77%	8.049%
8	7.251	700	708	717	rBV	5734095	9000690	60.83%	10.249%
9	7.716	780	787	795	rBV	1025434	1630757	11.02%	1.857%
10	8.034	833	841	853	rVB	4291806	6742700	45.57%	7.678%
11	8.881	978	985	999	rBV	3192068	5324493	35.99%	6.063%
12	10.504	1254	1261	1267	rBV	1244951	2083017	14.08%	2.372%
13	12.980	1674	1682	1700	rBV	8287280	11946091	80.74%	13.603%
14	14.363	1911	1917	1926	rBV2	1656246	2601170	17.58%	2.962%
15	15.857	2165	2171	2191	rBV	5869201	8886106	60.06%	10.119%
16	17.115	2378	2385	2396	rBV	2021185	2900004	19.60%	3.302%
17	19.745	2827	2832	2846	rBV	11962297	14796277	100.00%	16.848%
18	21.303	3092	3097	3107	rBV	2226442	2871381	19.41%	3.270%
19	23.562	3475	3481	3491	rVB2	1341709	2597016	17.55%	2.957%

Sum of corrected areas: 87819946

LSC Report - Integrated Chromatogram

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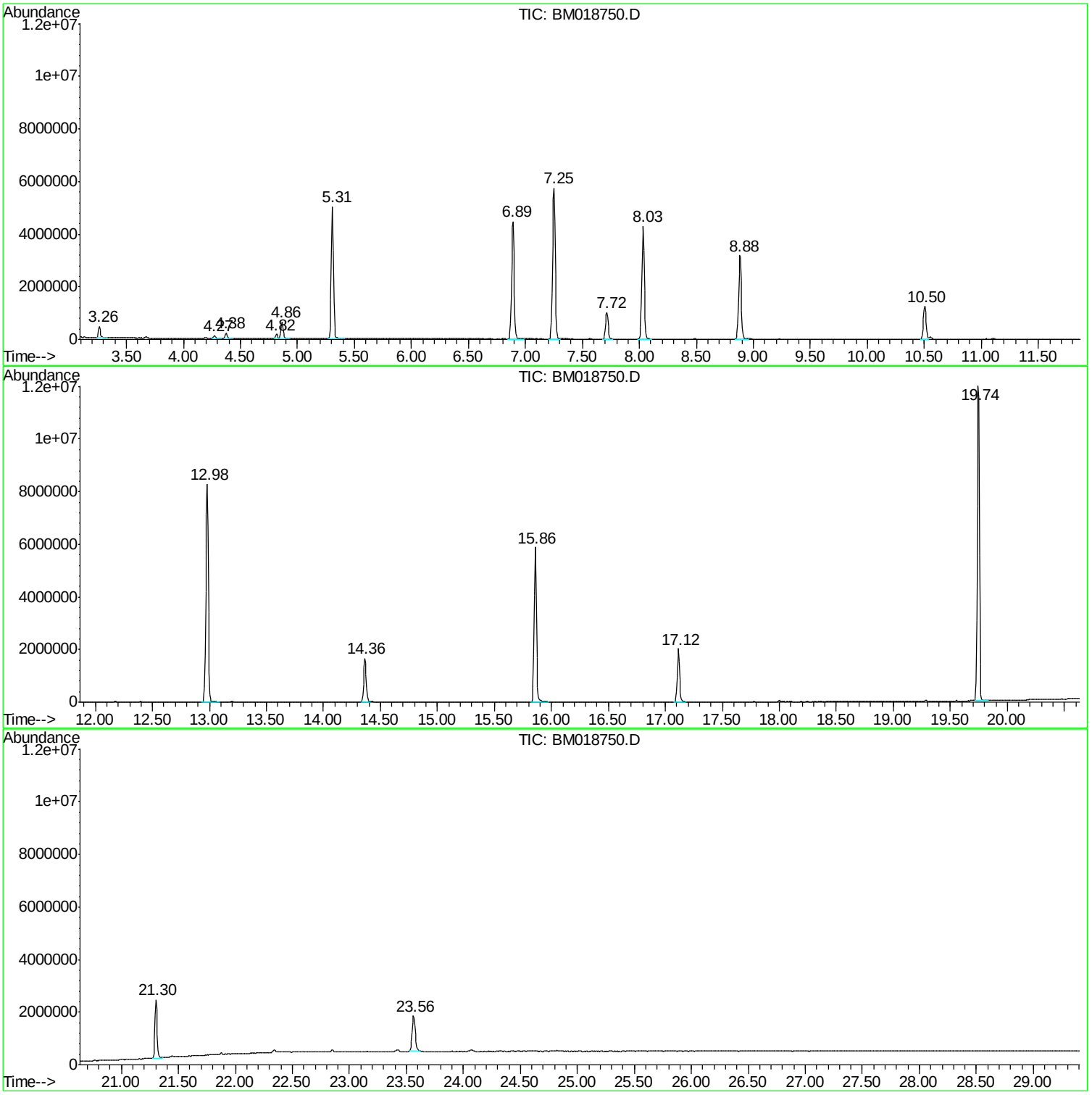
Instrument : BNA_M
ClientSampleId : RBR-200052

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST02.L
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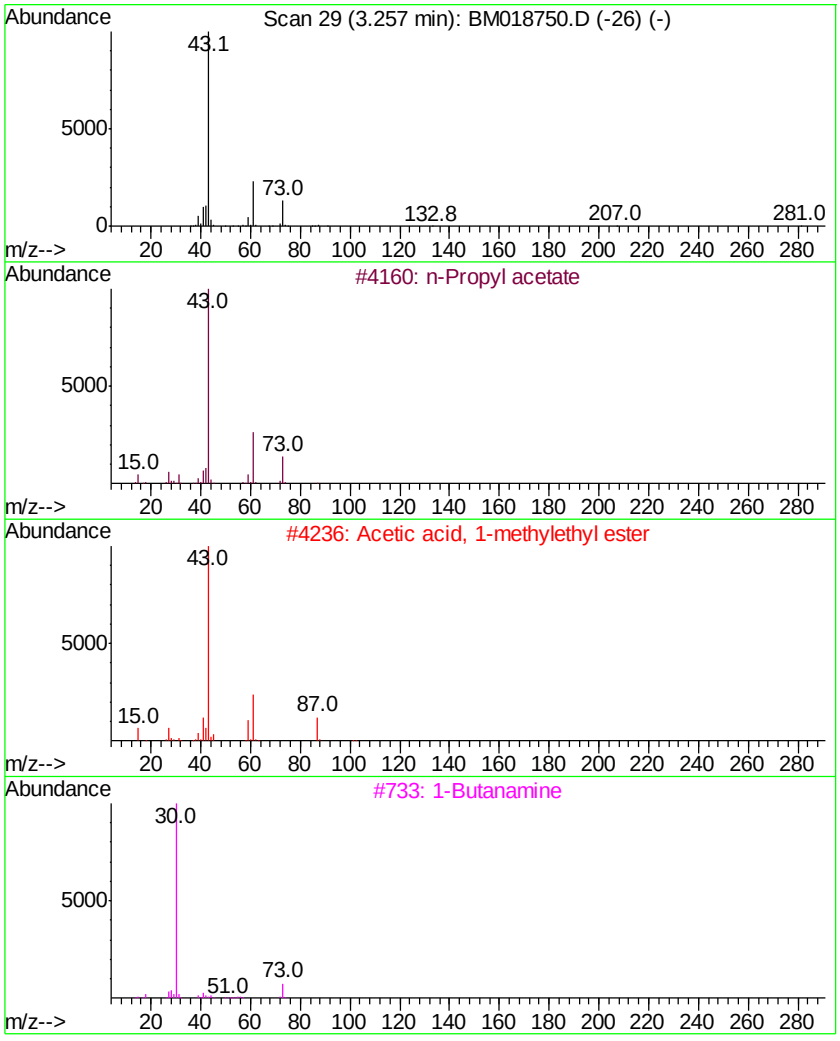
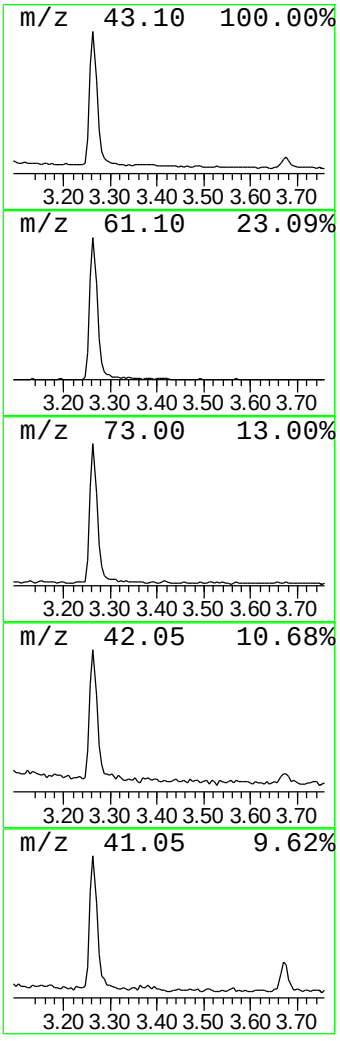
Peak Number 1 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	5.84 ng	476057	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	36
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	Pentane	72	C5H12	000109-66-0	5





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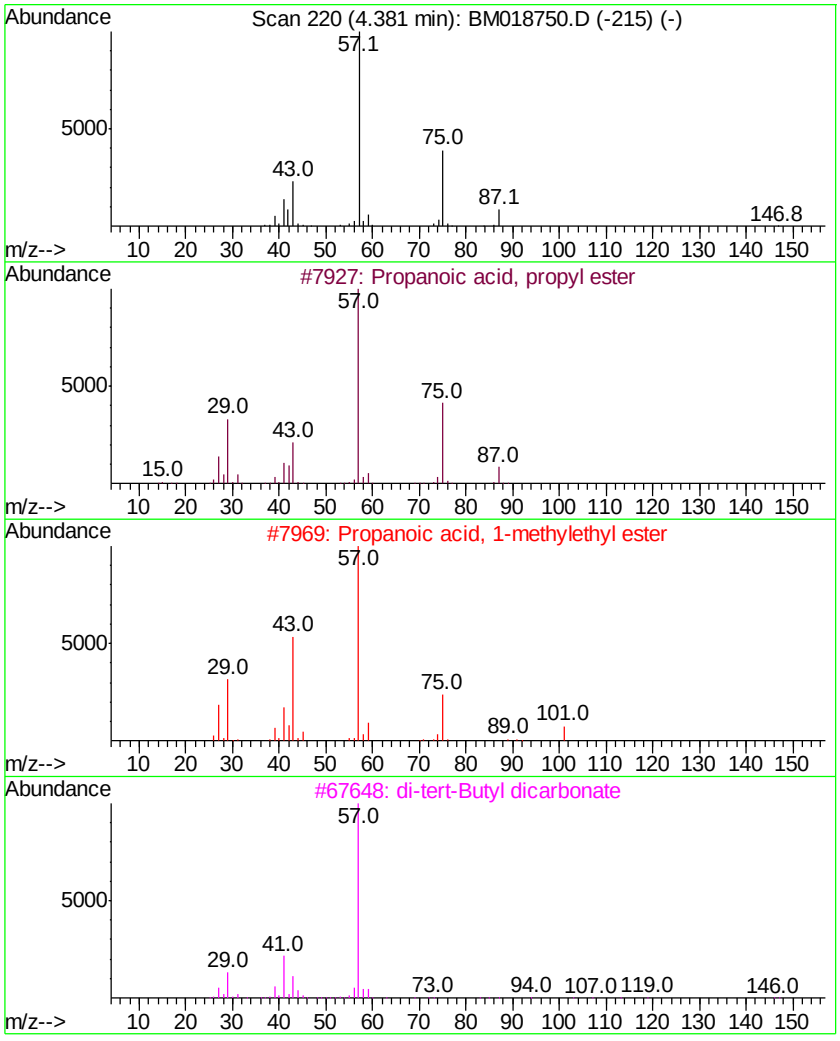
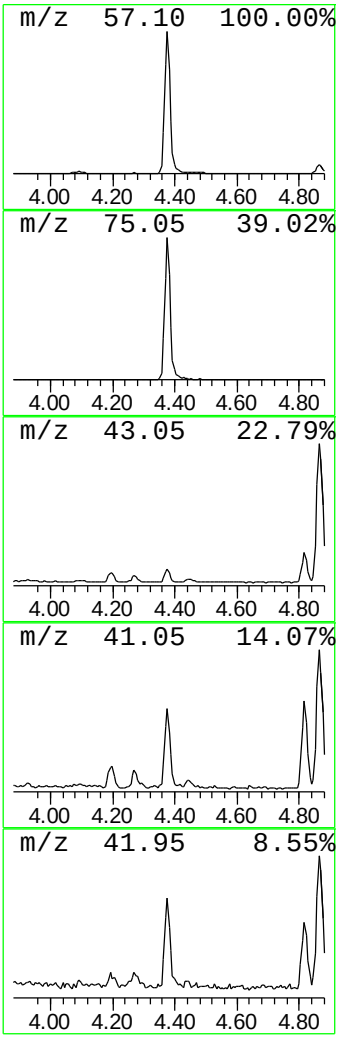
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.32 ng	270980	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	28
3	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	10
4	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	9
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	9





Library Search Compound Report

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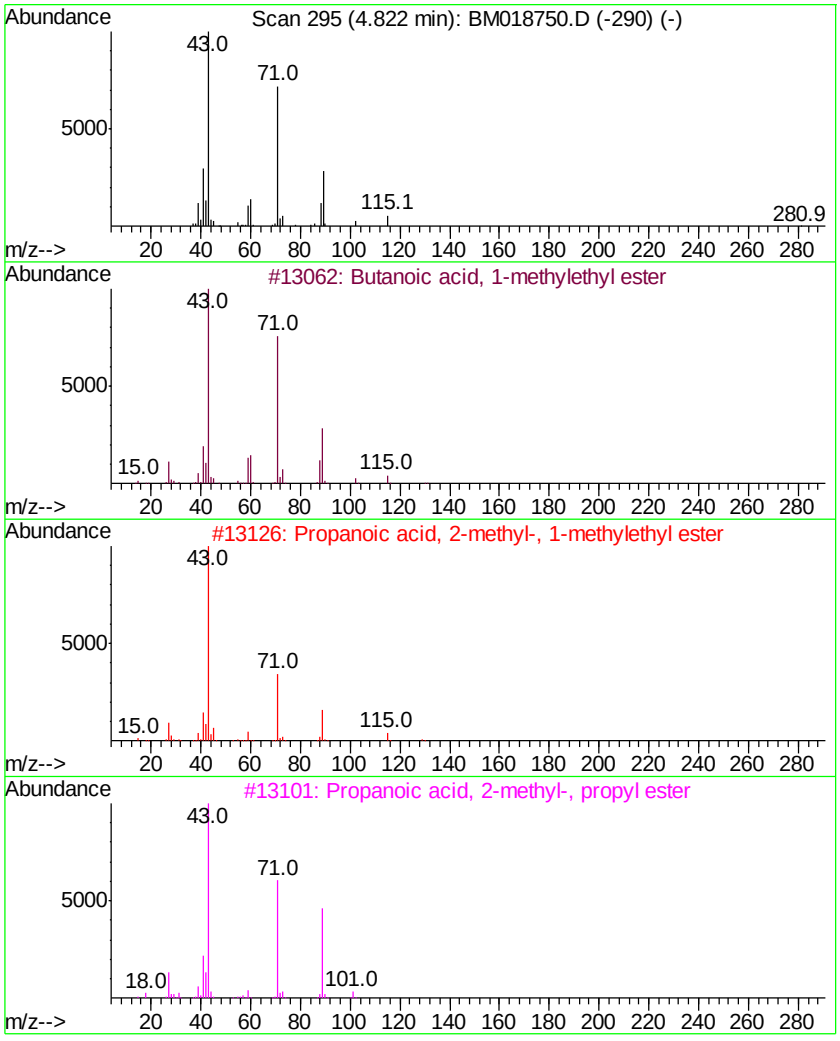
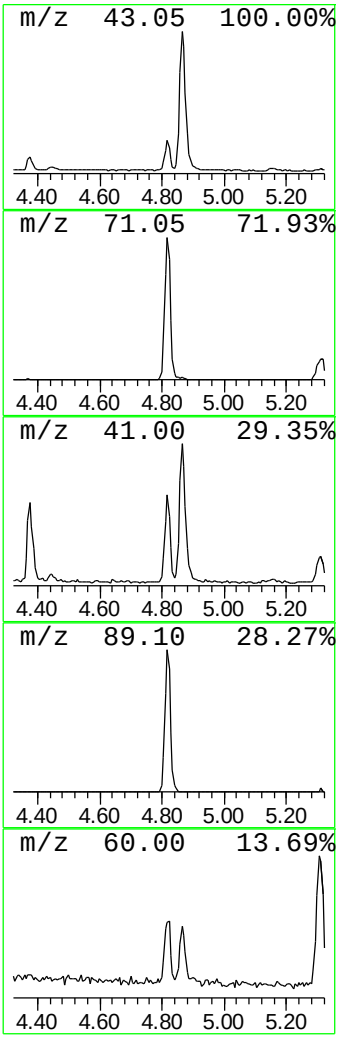
Peak Number 3 Butanoic acid, 1-methylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.61 ng	212977	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	53
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50





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Instrument : BNA_M
ClientSampleId : RBR-200052

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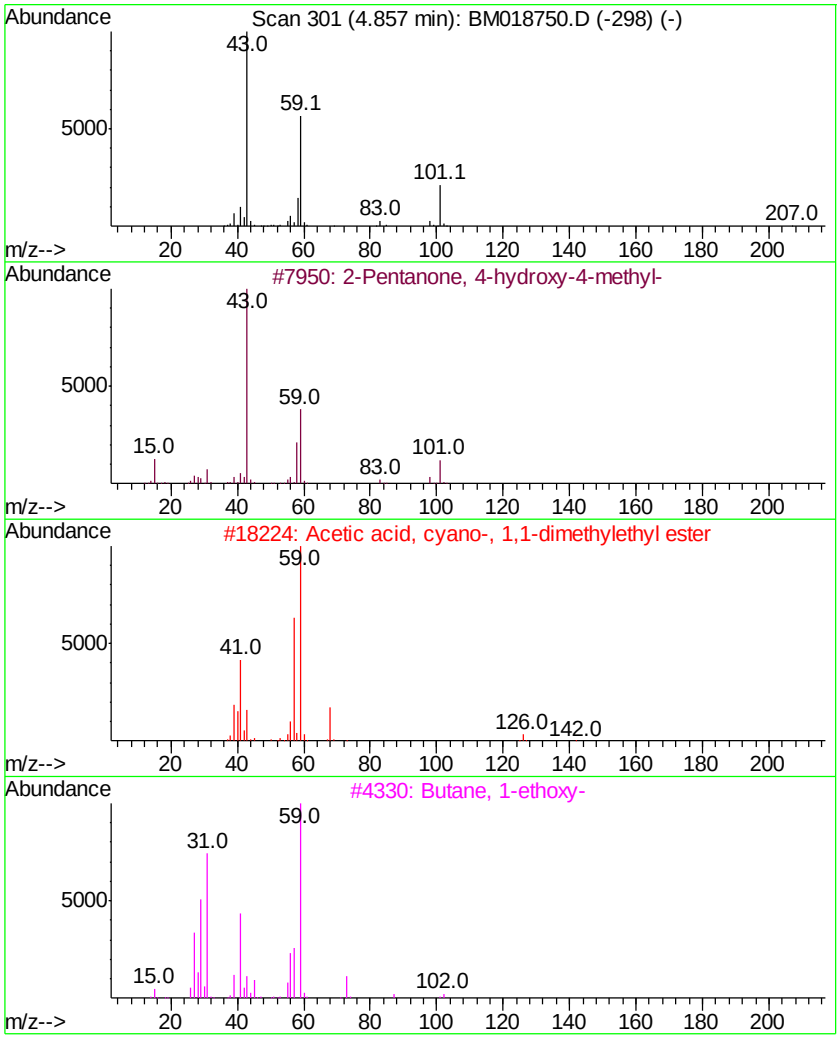
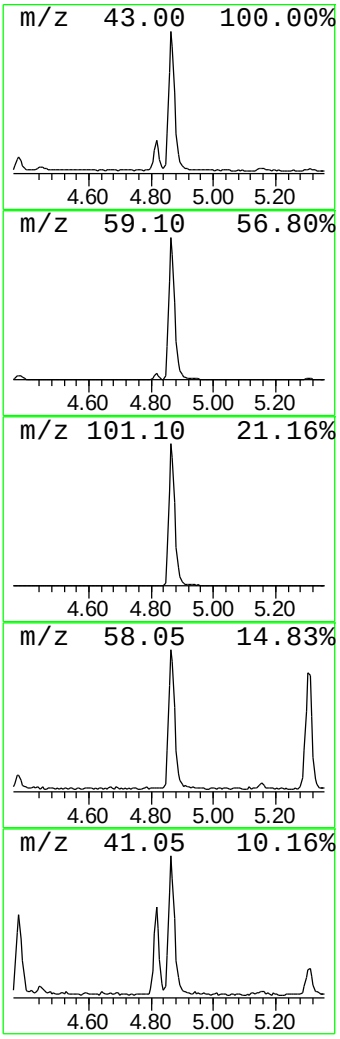
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	11.21 ng	913947	1,4-Dichlorobenzene-d4	7.72

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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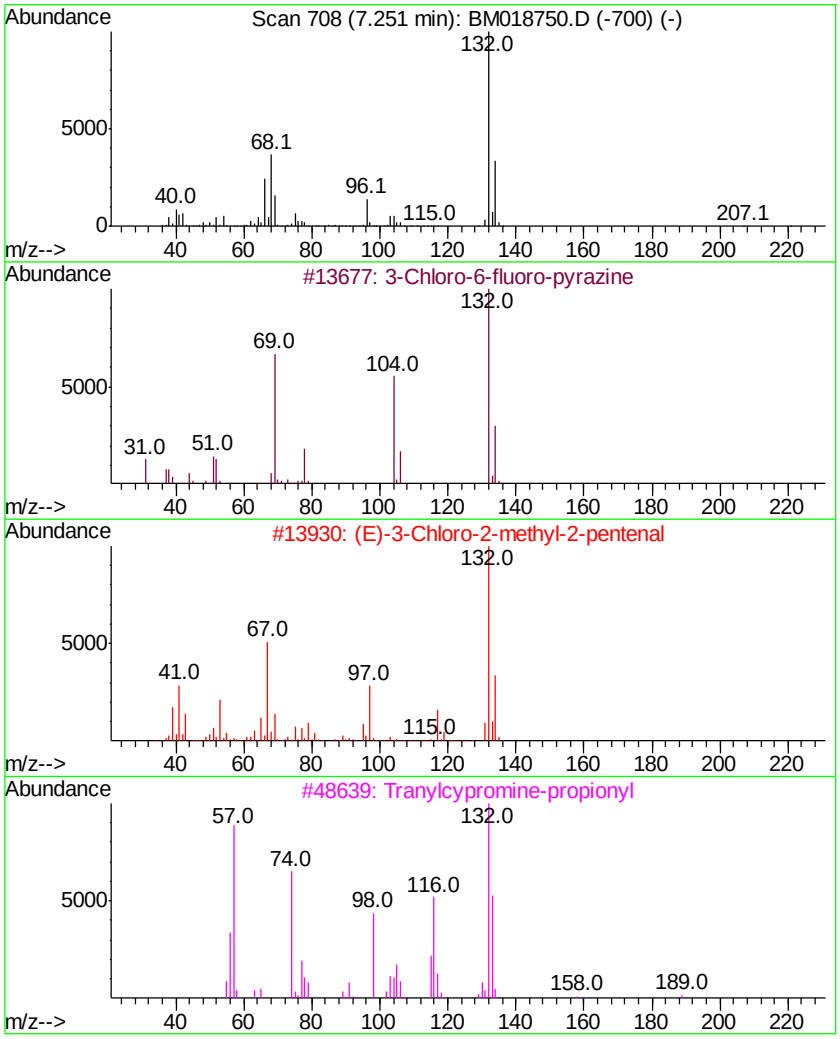
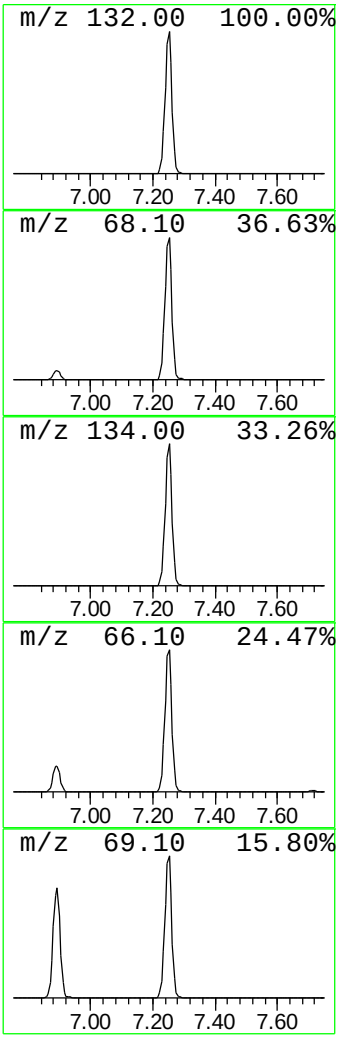
Peak Number 5 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	110.39 ng	9000690	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	3.26	5.8	ng	476057	1	7.72	1630760	20.0
Propanoic acid, p...	4.38	3.3	ng	270980	1	7.72	1630760	20.0
Butanoic acid, 1-...	4.82	2.6	ng	212977	1	7.72	1630760	20.0
2-Pentanone, 4-hy...	4.86	11.2	ng	913947	1	7.72	1630760	20.0
unknown7.25	7.25	110.4	ng	9000690	1	7.72	1630760	20.0