LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018598.D
Acq On : 17 Jan 2019 01:23
Operator : JU/SJ
Sample : K1012-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-01-011519-A

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	3.293	31	35	46	rVB	633984	739769	3.17%	0.651%
2	4.404	218	224	231	rBV	367890	496761	2.13%	0.437%
3	4.846	294	299	303	rBV	370538	461417	1.98%	0.406%
4	4.899	303	308	324	rVB	342853	518542	2.22%	0.457%
5	5.340	377	383	392	rBV	5246720	7720026	33.08%	6.797%
6	6.928	645	653	667	rBV	4655540	7299523	31.28%	6.427%
7	7.287	706	714	727	rBV	6268352	10003042	42.87%	8.808%
8	7.745	785	792	800	rBV	1290913	2045986	8.77%	1.801%
9	8.069	839	847	863	rBV	4761330	7762099	33.26%	6.834%
10	8.916	983	991	1002	rBV	3657014	6179180	26.48%	5.441%
11	10.539	1260	1267	1273	rBV	1695500	2790386	11.96%	2.457%
12	13.016	1680	1688	1708	rBV	9755654	15015230	64.35%	13.221%
13	14.398	1916	1923	1931	rBV2	2391863	3768956	16.15%	3.319%
14	15.892	2169	2177	2194	rBV	8062756	11867898	50.86%	10.450%
15	17.145	2383	2390	2403	rBV2	3200027	4663653	19.99%	4.106%
16	19.780	2831	2838	2843	rBV	18869556	23335423	100.00%	20.547%
17	21.333	3097	3102	3112	rBV	3917552	5062039	21.69%	4.457%
18	23.609	3483	3489	3499	rVB2	1991833	3842924	16.47%	3.384%

Sum of corrected areas: 113572854

LSC Report - Integrated Chromatogram

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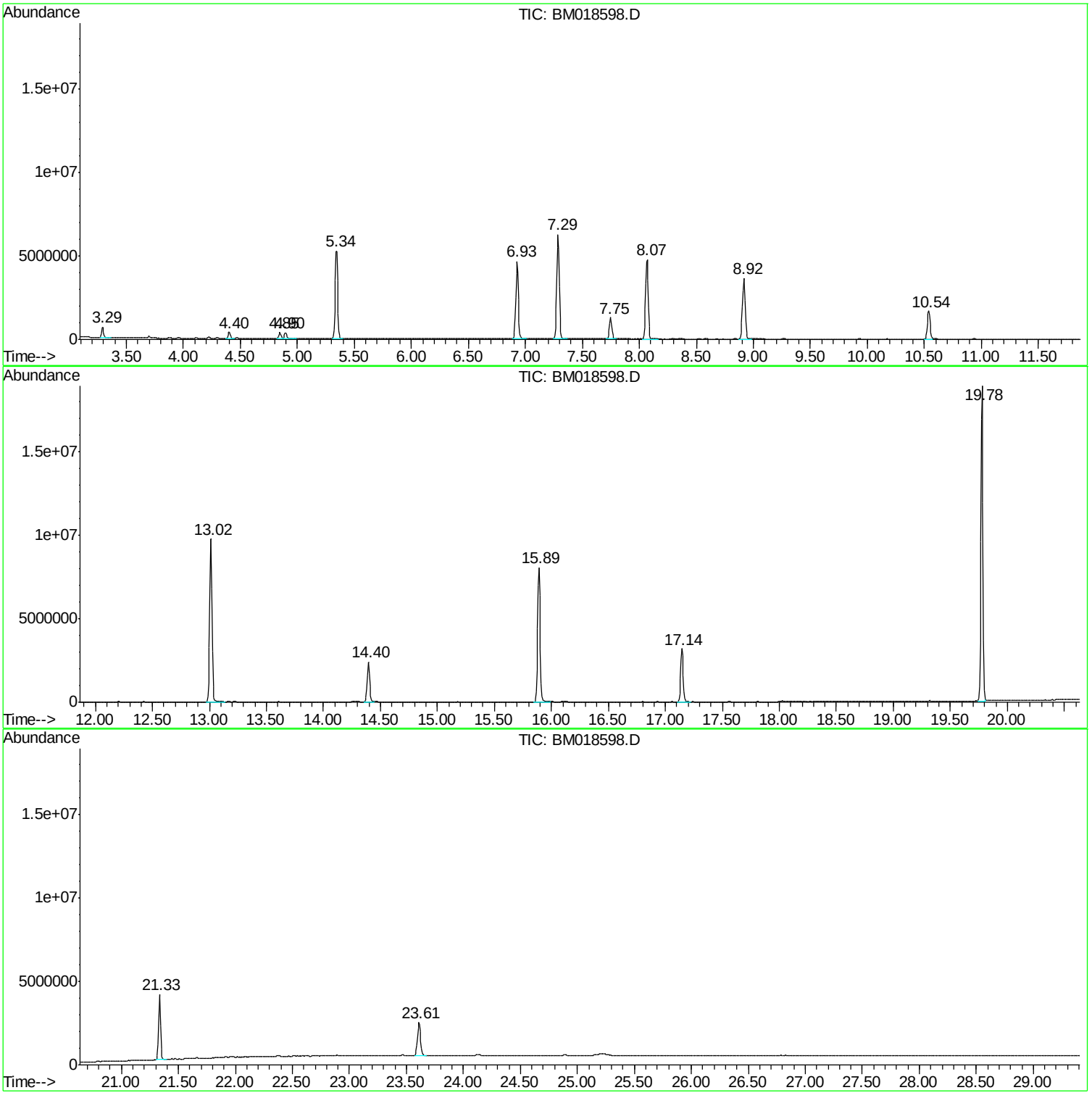
Sample : K1012-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-01-011519-A

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



Library Search Compound Report

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Acq On : 17 Jan 2019 01:23
Operator : JU/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-01-011519-A

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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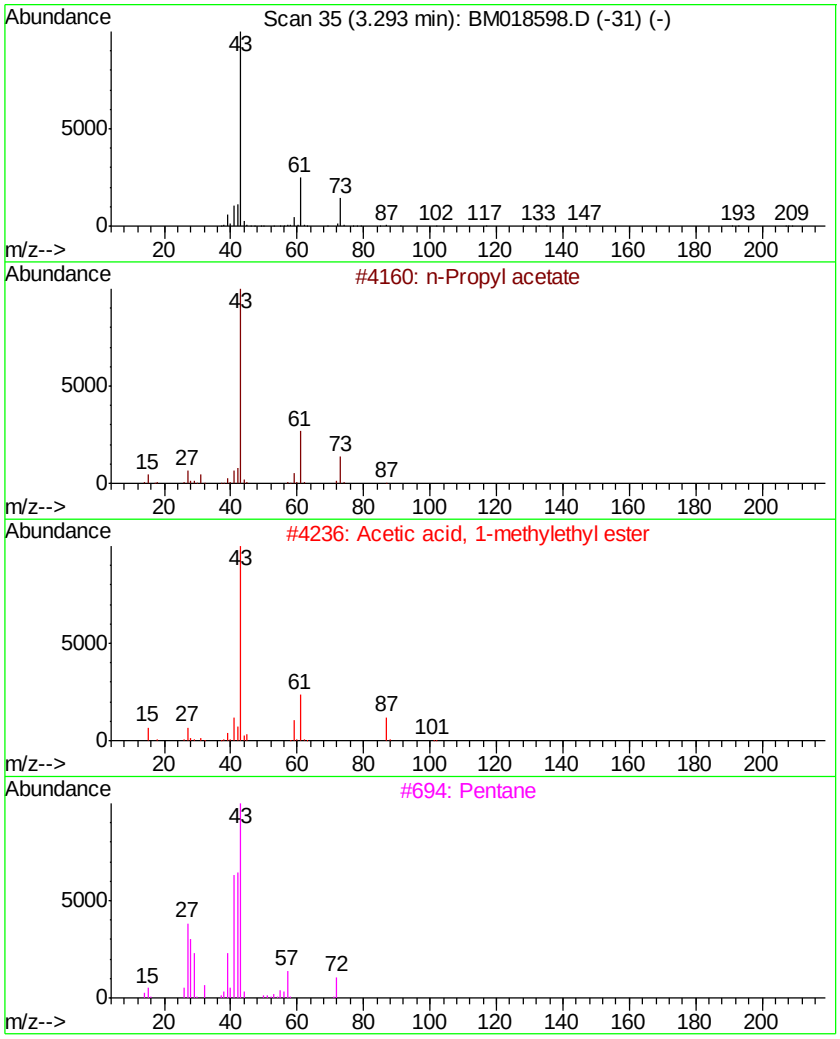
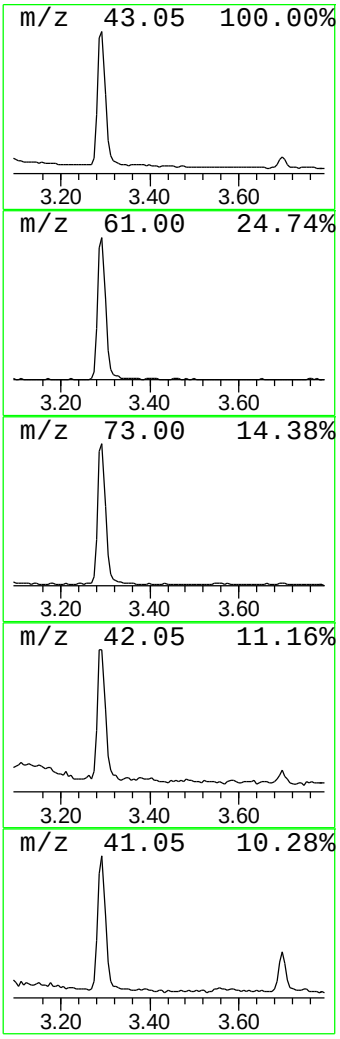
Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	7.23 ng	739769	1,4-Dichlorobenzene-d4	7.75

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	38
3	Pentane	72	C5H12	000109-66-0	5
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	1-Butanamine	73	C4H11N	000109-73-9	5





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Instrument : BNA_M
ClientSampleId : EO-01-011519-A

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

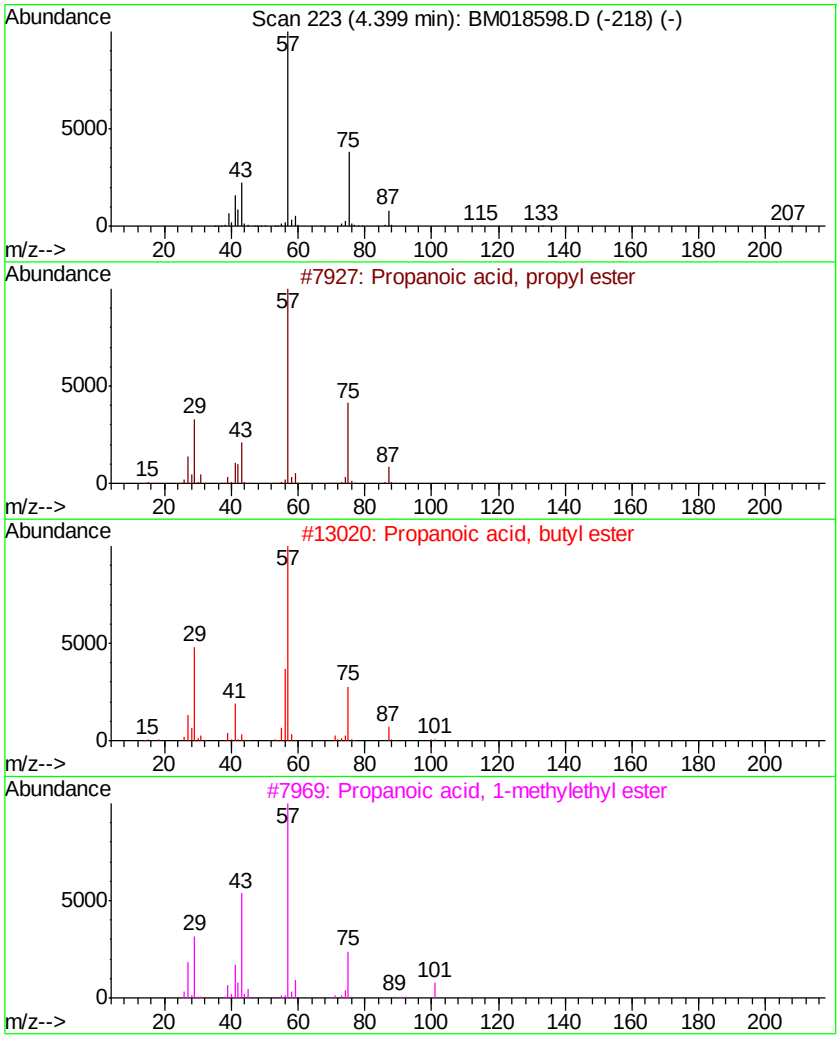
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

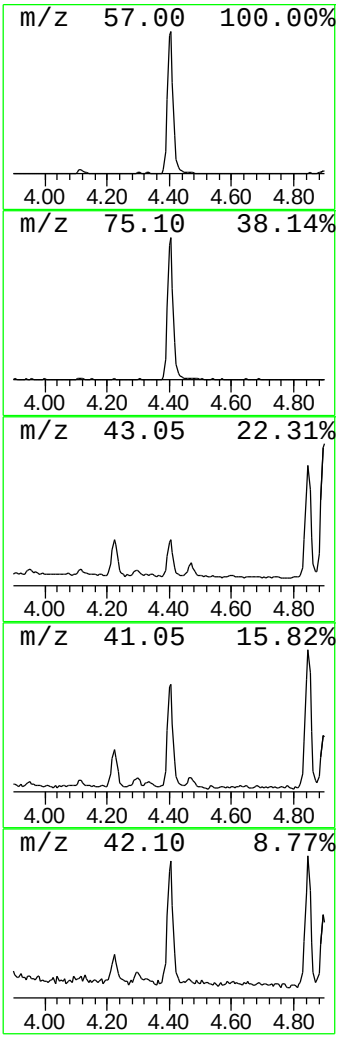
****

Peak Number 2 Propanoic acid, propyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.86 ng	496761	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	25
4	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	9
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9





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Instrument : BNA_M
ClientSampleId : EO-01-011519-A

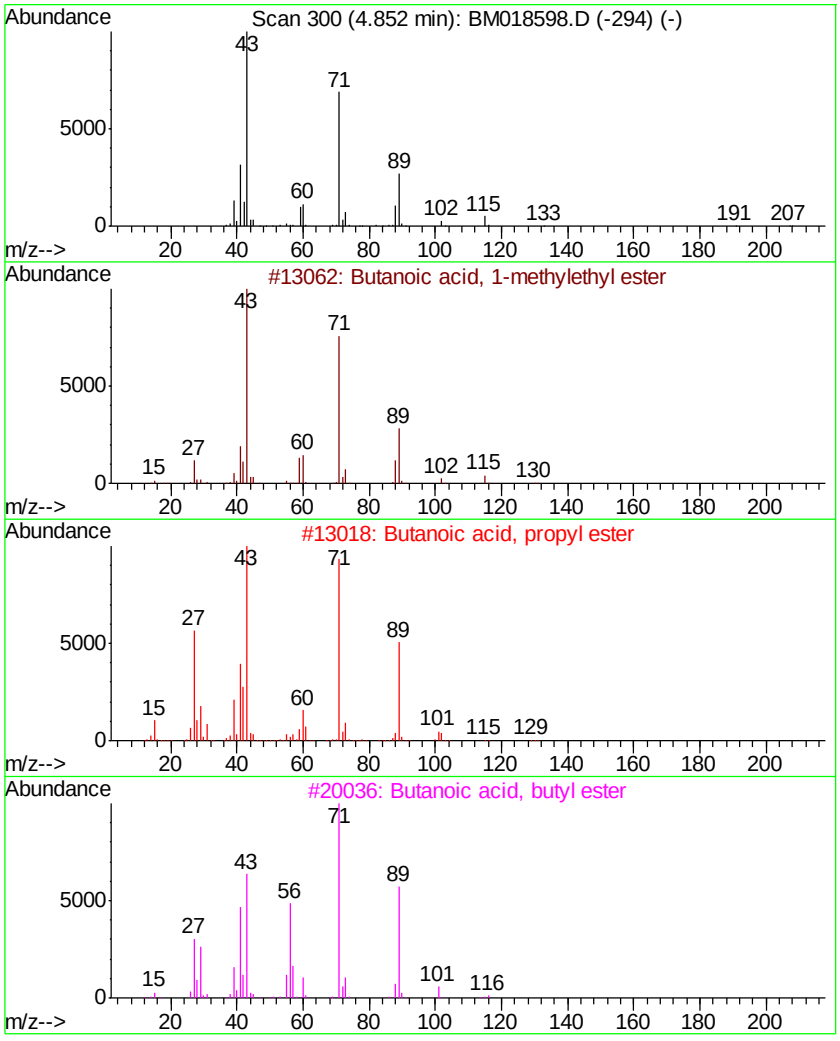
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

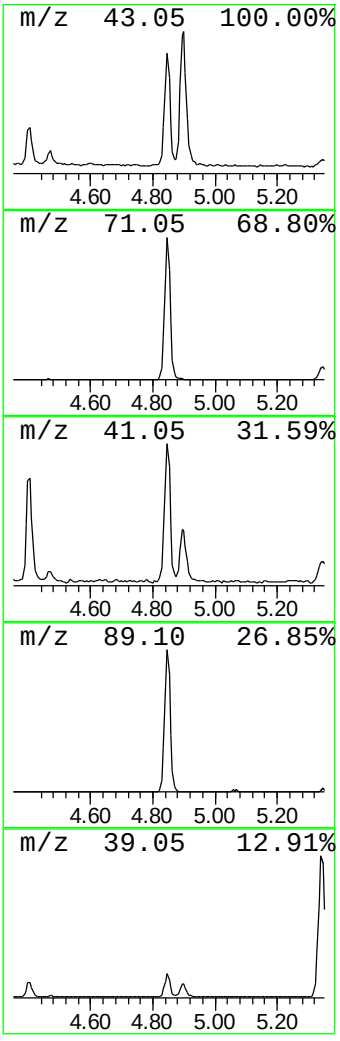
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	4.51 ng	461417	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	59
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	53
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-01-011519-A

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

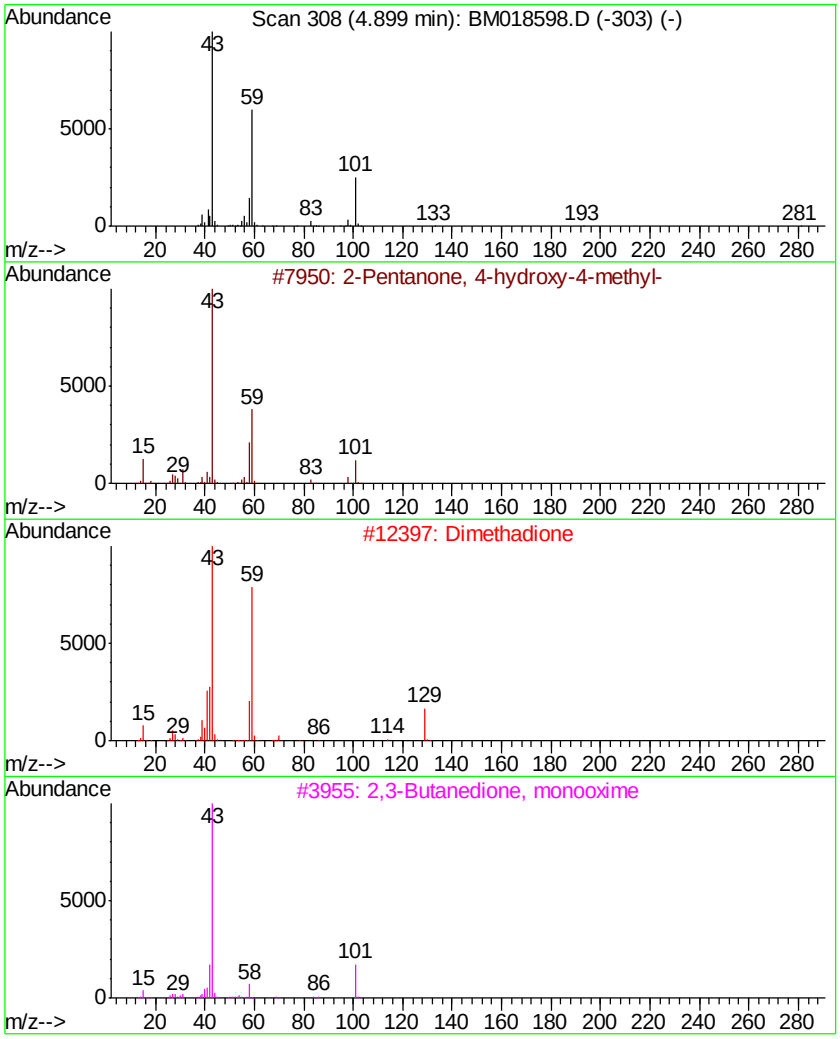
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

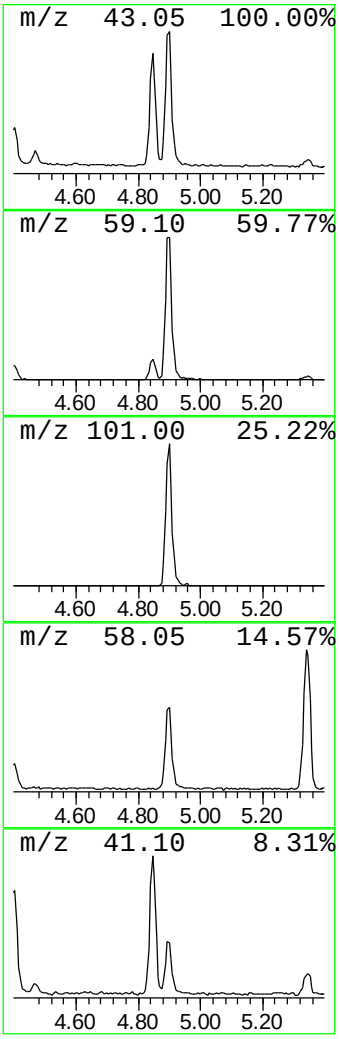
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	5.07 ng	518542	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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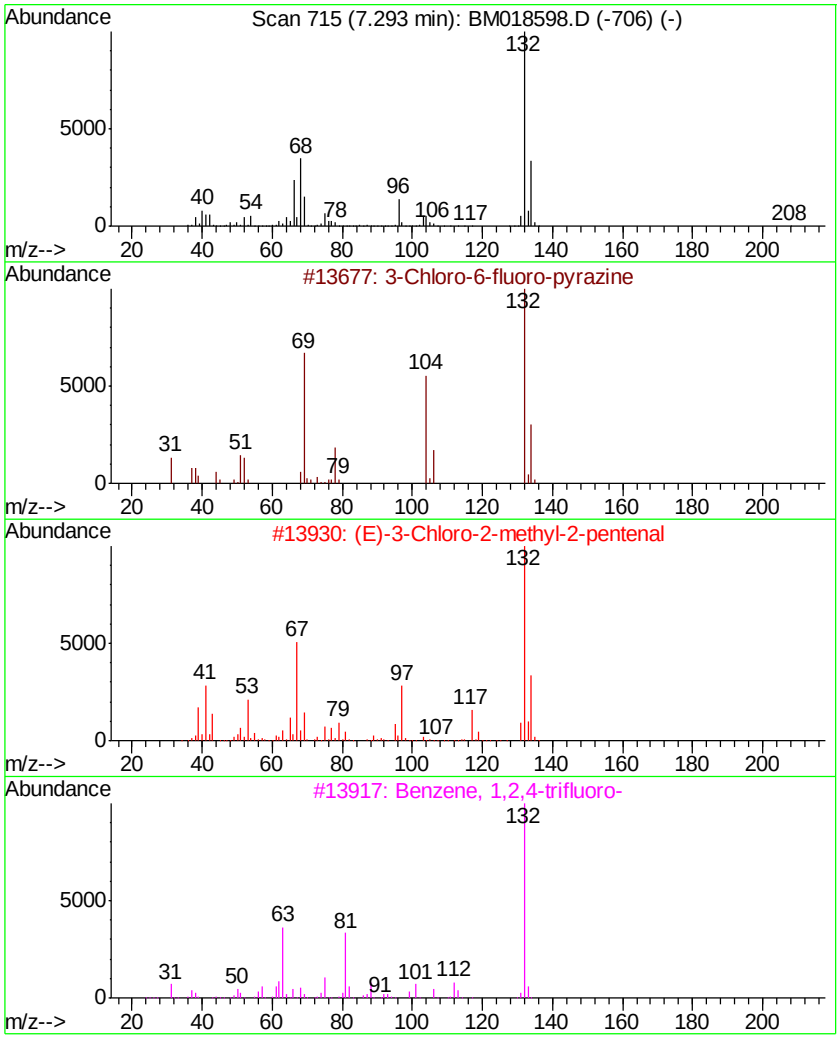
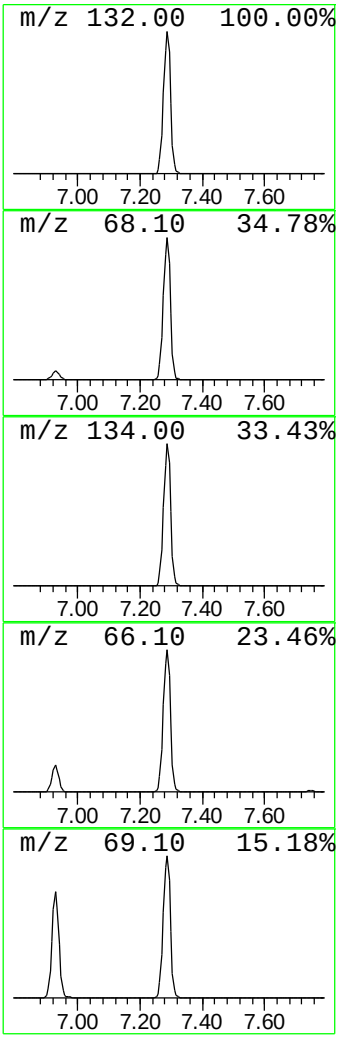
****

Peak Number 5 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	97.78 ng	10003000	1,4-Dichlorobenzene-d4	7.75

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	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
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 Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	3.29	7.2	ng	739769	1	7.75	2045990	20.0
Propanoic acid, p...	4.40	4.9	ng	496761	1	7.75	2045990	20.0
Butanoic acid, 1-...	4.85	4.5	ng	461417	1	7.75	2045990	20.0
2-Pentanone, 4-hy...	4.90	5.1	ng	518542	1	7.75	2045990	20.0
unknown7.29	7.29	97.8	ng	10003000	1	7.75	2045990	20.0