LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012472.D
Acq On : 26 Oct 2017 14:12
Operator : SJ/JU
Sample : I5882-01 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAHH0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.881	808	815	820	rBV	2092258	3387305	1.60%	1.194%
2	7.945	820	826	831	rVV	3011482	4420834	2.09%	1.558%
3	8.098	845	852	858	rBV	2441496	3645003	1.73%	1.284%
4	8.310	882	888	892	rBV	3569272	5391342	2.55%	1.900%
5	9.216	1028	1042	1052	rBV	1238675	3513487	1.66%	1.238%
6	10.669	1282	1289	1296	rBV	3460109	6191835	2.93%	2.182%
7	14.510	1935	1942	1949	rBV2	4315858	6691364	3.17%	2.358%
8	15.133	2043	2048	2059	rVB	14211680	20354031	9.64%	7.172%
9	16.927	2342	2353	2358	rBV2	103866259	211142404	100.00%	74.401%
10	17.251	2403	2408	2413	rBV2	5020877	7159622	3.39%	2.523%
11	21.421	3112	3117	3122	rBV	4533737	5833562	2.76%	2.056%
12	23.727	3503	3509	3517	rVB	3193919	6057742	2.87%	2.135%

Sum of corrected areas: 283788531

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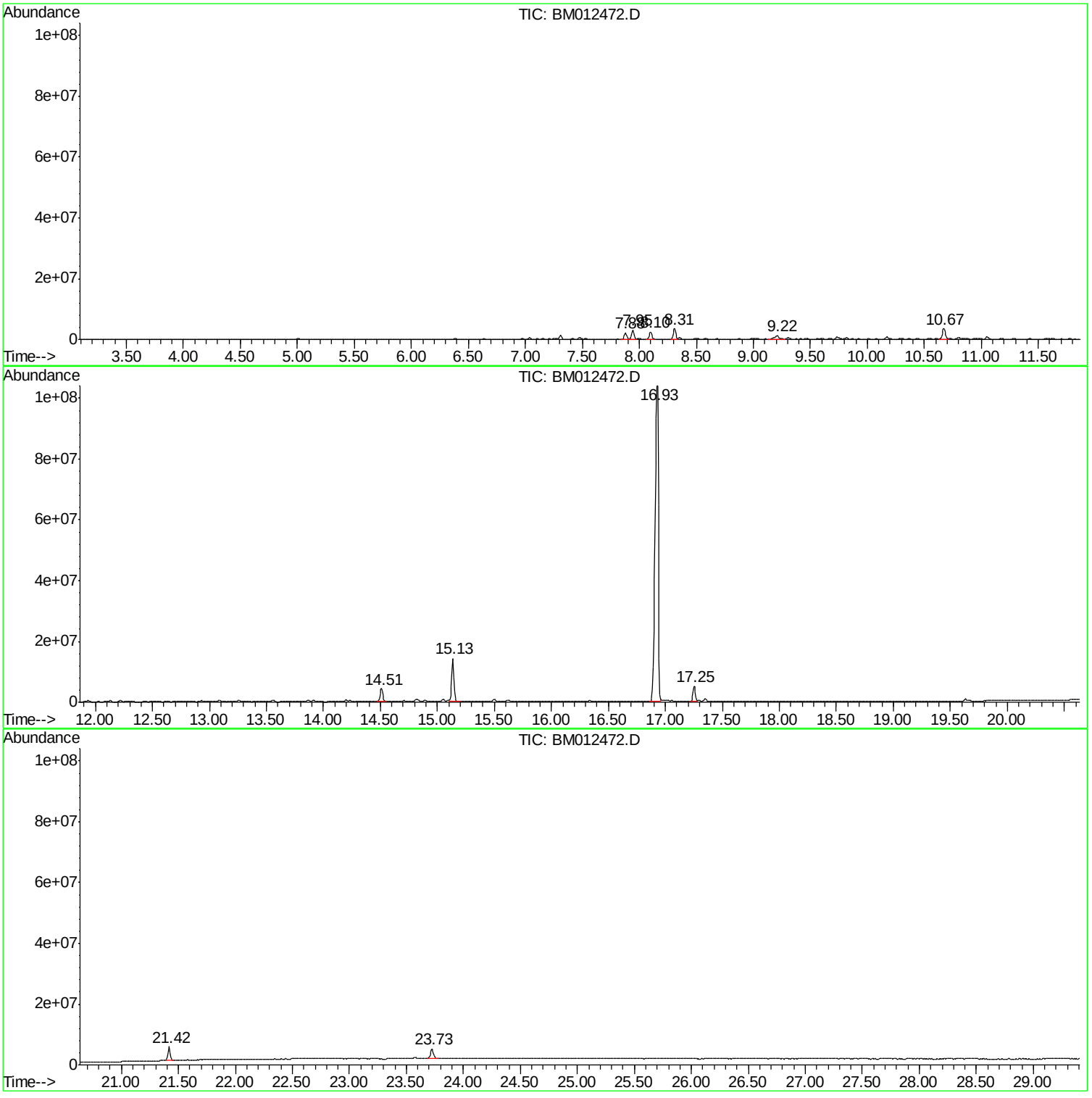
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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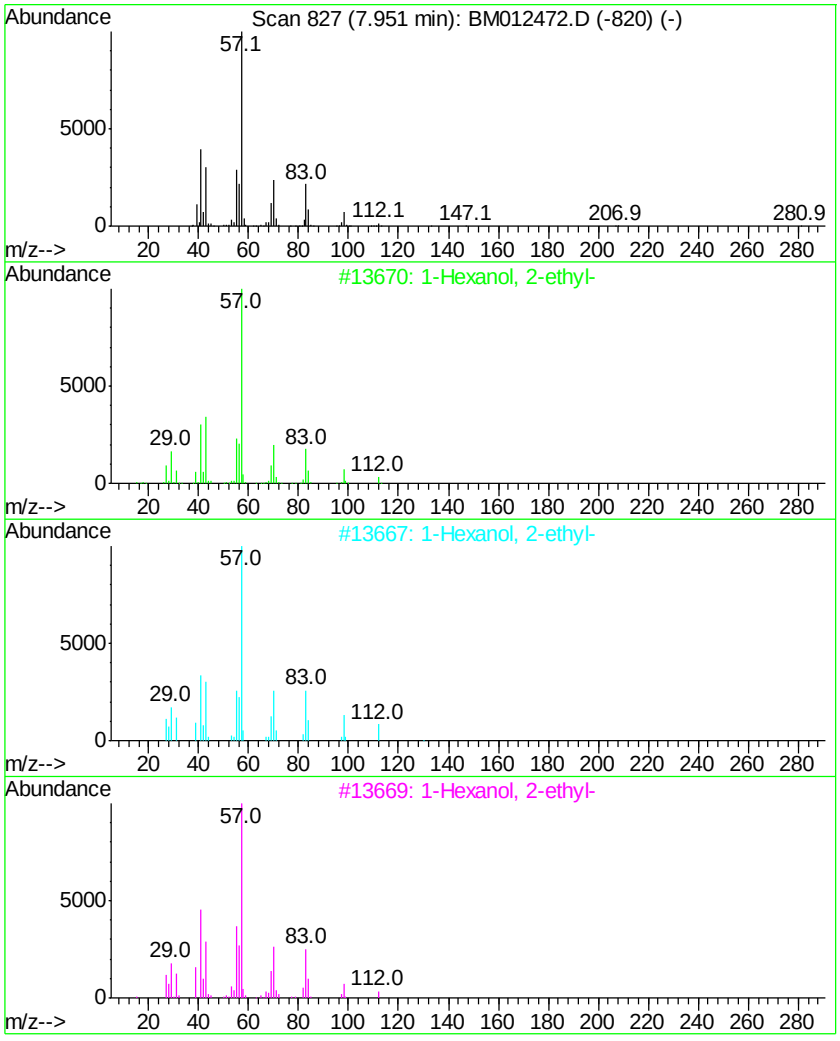
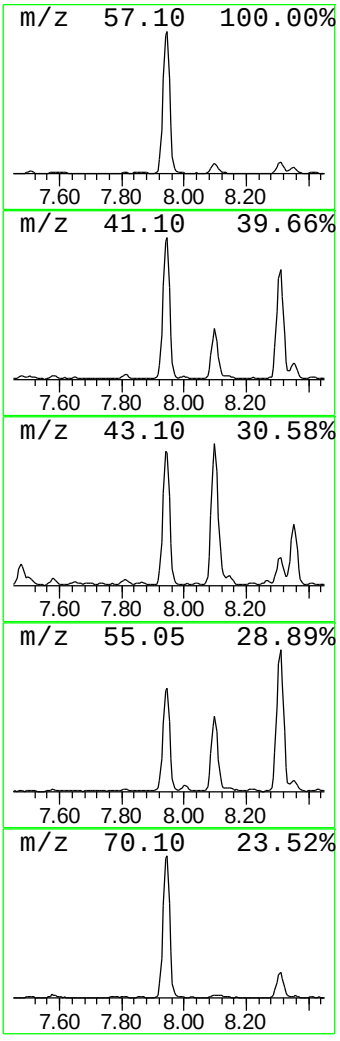
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	26.10 ng/ul	4420830	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





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

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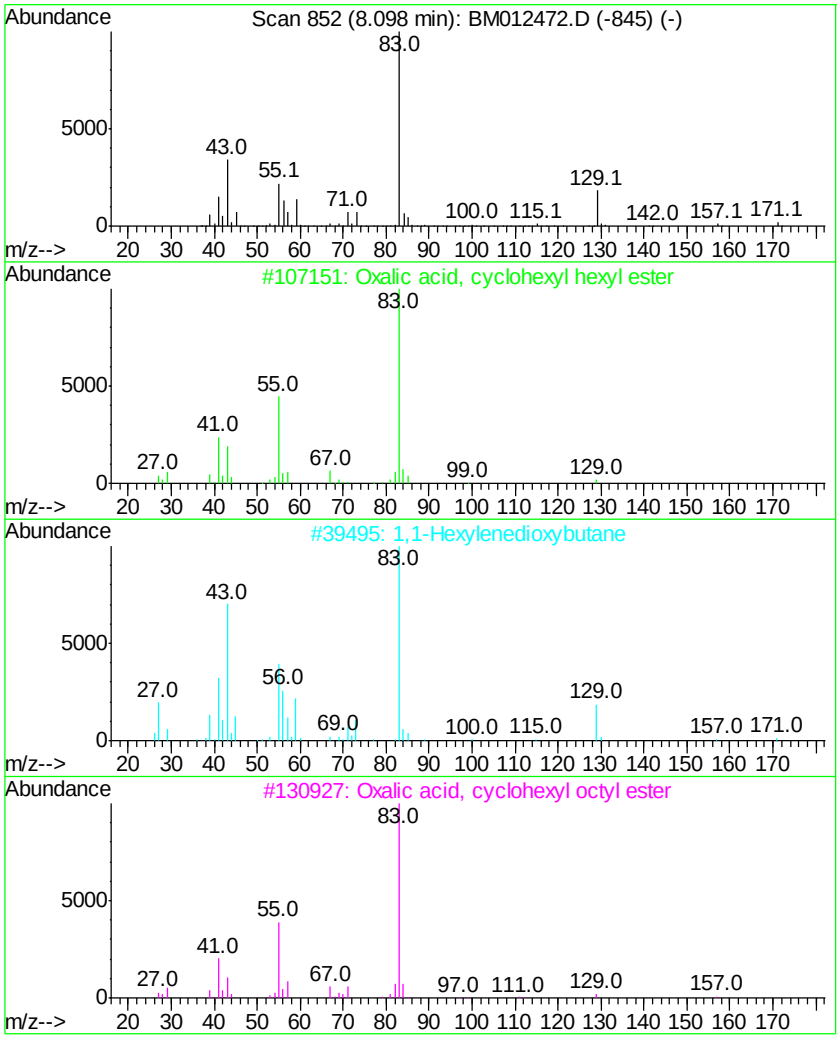
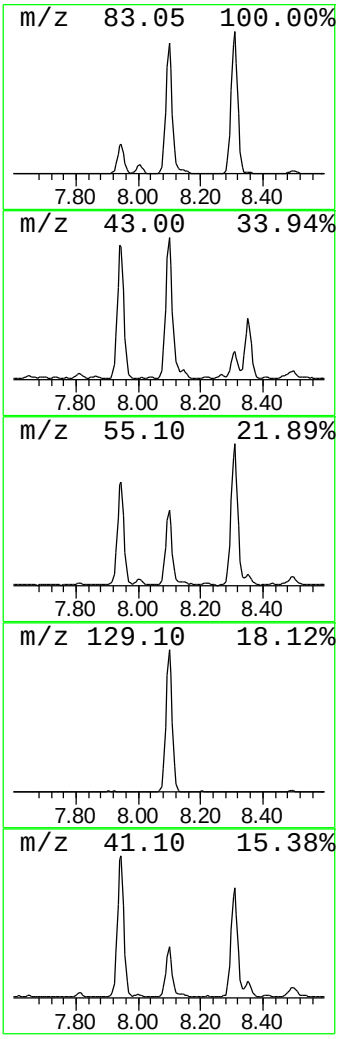
Peak Number 2 Oxalic acid, cyclohexyl hex... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	21.52 ng/ul	3645000	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	53
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	47
3	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	42
4	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	42
5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39





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Instrument : BNA_M
ClientSampleId : DAHH0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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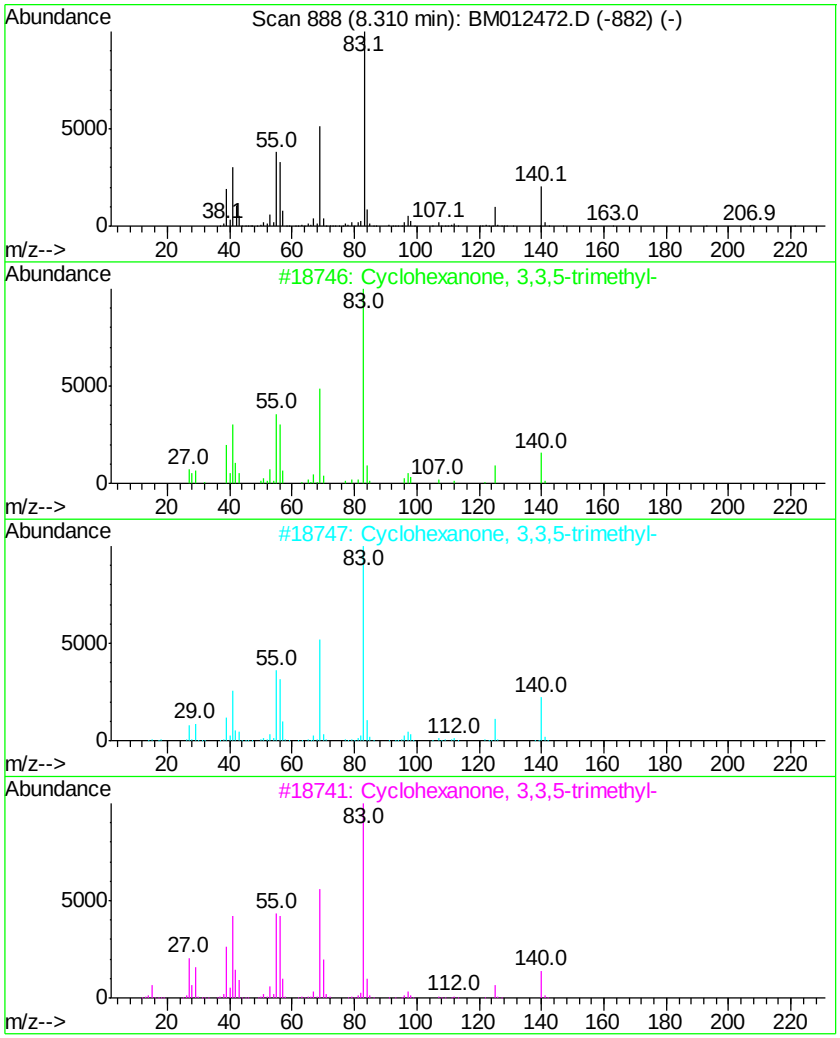
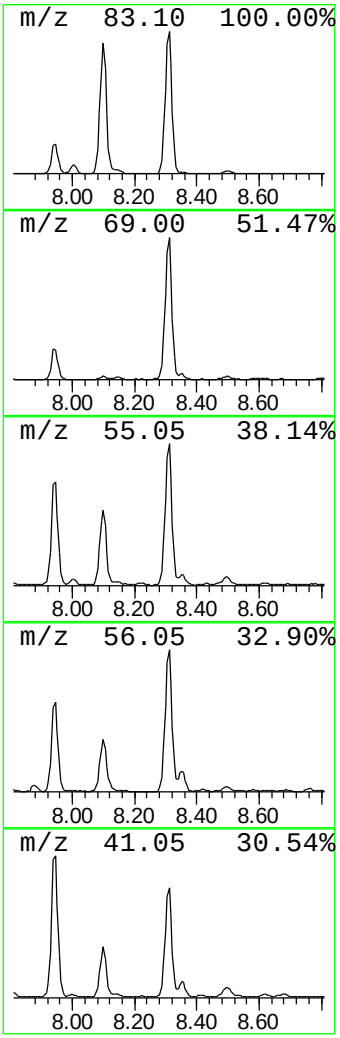
Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	31.83 ng/ul	5391340	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47





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Instrument : BNA_M
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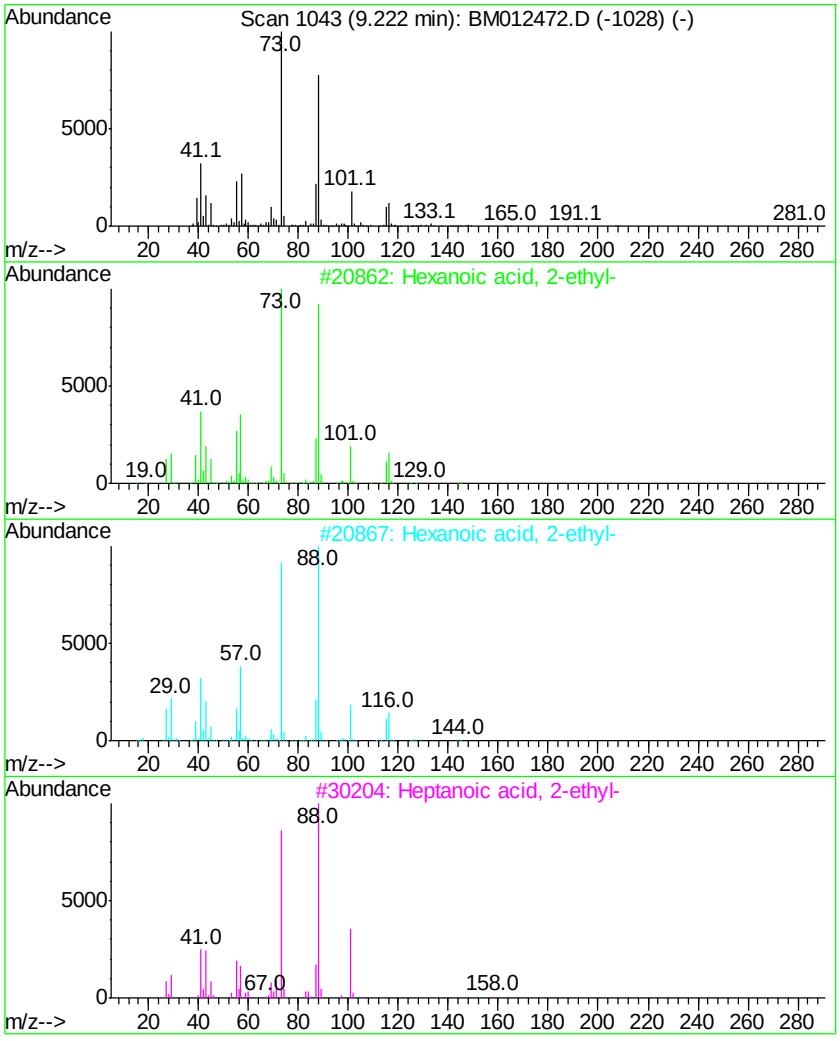
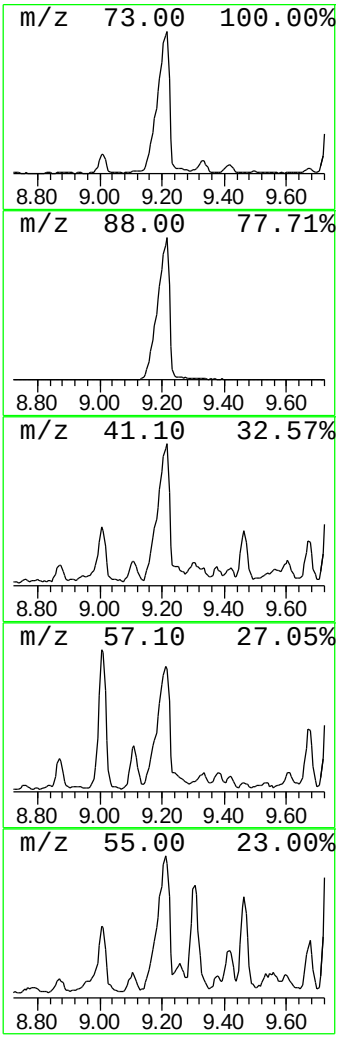
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	20.75 ng/ul	3513490	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
5	1,4-Dioxane	88	C4H8O2	000123-91-1	43





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
1-Hexanol, 2-ethyl-	7.95	26.1	ng/ul	4420830	1	7.88	3387310	20.0
Oxalic acid, cycl...	8.10	21.5	ng/ul	3645000	1	7.88	3387310	20.0
Cyclohexanone, 3,...	8.31	31.8	ng/ul	5391340	1	7.88	3387310	20.0
Hexanoic acid, 2-...	9.22	20.8	ng/ul	3513490	1	7.88	3387310	20.0