LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029278.D
Acq On : 30 Mar 2021 20:02
Operator : CG/JU
Sample : M1817-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PHC-326FB-003

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-BM032621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	17	22	27	rVB	1859452	2185111	29.44%	5.619%
2	3.299	66	70	78	rVB	219150	243942	3.29%	0.627%
3	4.416	255	260	267	rBV	202207	254856	3.43%	0.655%
4	4.863	331	336	338	rBV	119557	152433	2.05%	0.392%
5	4.893	338	341	351	rVB	386751	554806	7.47%	1.427%
6	5.346	411	418	430	rBV	2717091	3841561	51.76%	9.879%
7	6.916	677	685	700	rBV	2342153	3756657	50.61%	9.661%
8	7.746	819	826	834	rVB	495726	778368	10.49%	2.002%
9	8.898	1014	1022	1032	rBV	1773902	2978057	40.12%	7.658%
10	10.528	1291	1299	1306	rBV	608469	1021844	13.77%	2.628%
11	12.998	1711	1719	1729	rBV	4211513	6121366	82.47%	15.742%
12	13.827	1855	1860	1865	rBV	80538	119263	1.61%	0.307%
13	14.369	1945	1952	1960	rBV	842751	1262308	17.01%	3.246%
14	15.857	2198	2205	2216	rBV	2877433	3987350	53.72%	10.254%
15	17.110	2411	2418	2424	rBV	964695	1318628	17.77%	3.391%
16	18.010	2566	2571	2576	rBV	52579	81249	1.09%	0.209%
17	19.733	2858	2864	2870	rBV	6145549	7422516	100.00%	19.088%
18	21.003	3076	3080	3087	rBV2	202404	309111	4.16%	0.795%
19	21.280	3122	3127	3133	rBV	968816	1252427	16.87%	3.221%
20	23.509	3501	3506	3513	rVB2	660221	1244863	16.77%	3.201%

Sum of corrected areas: 38886716

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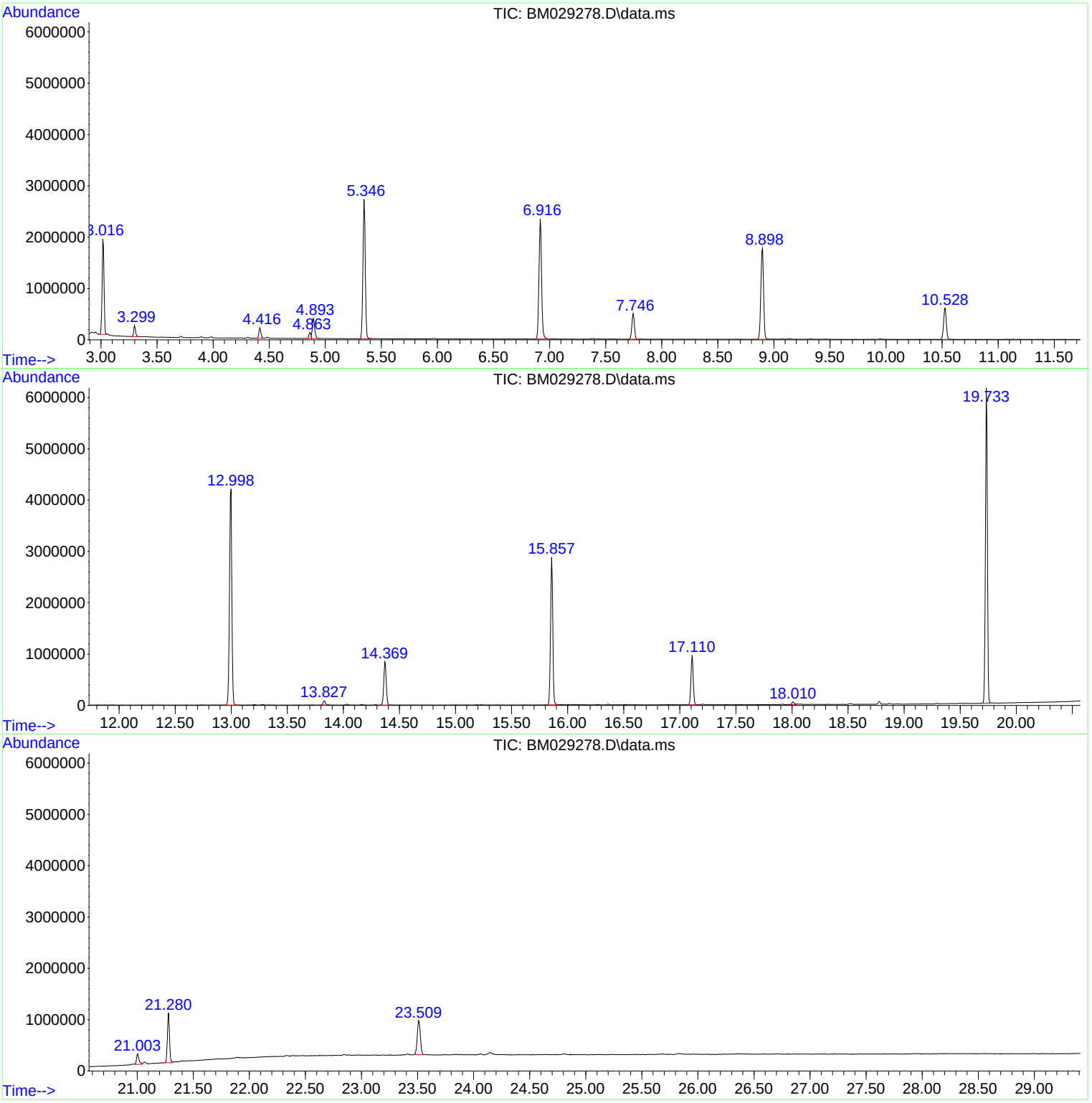
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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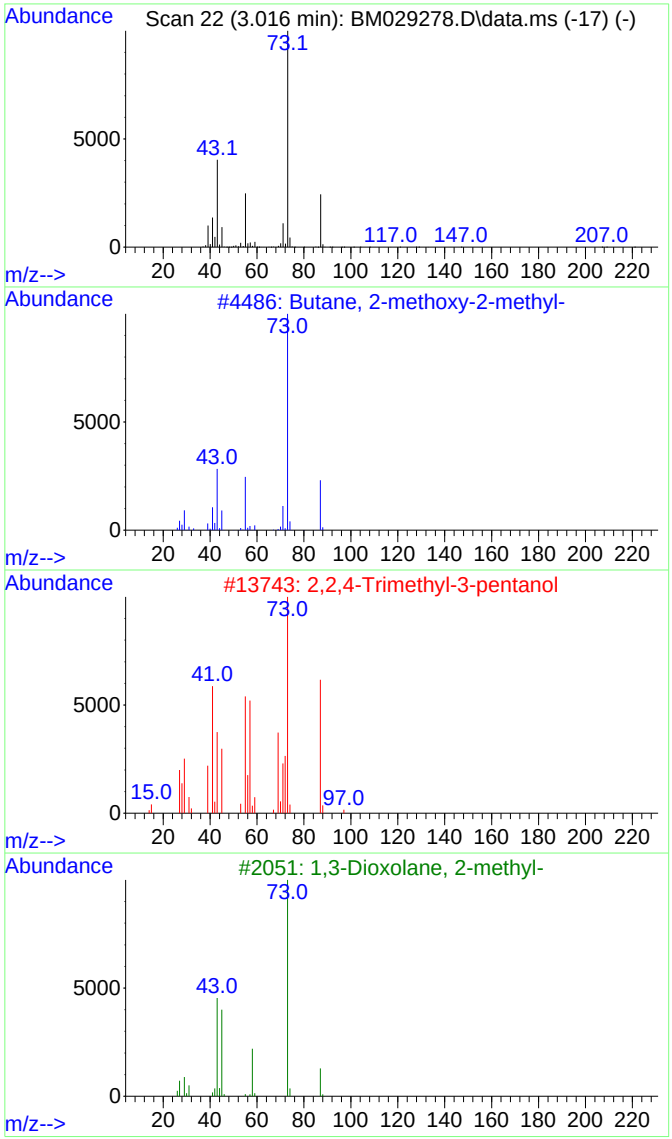
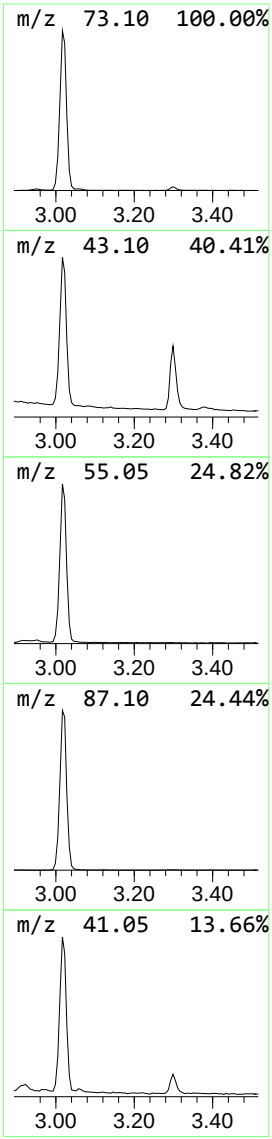
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	56.15 ng	2185110	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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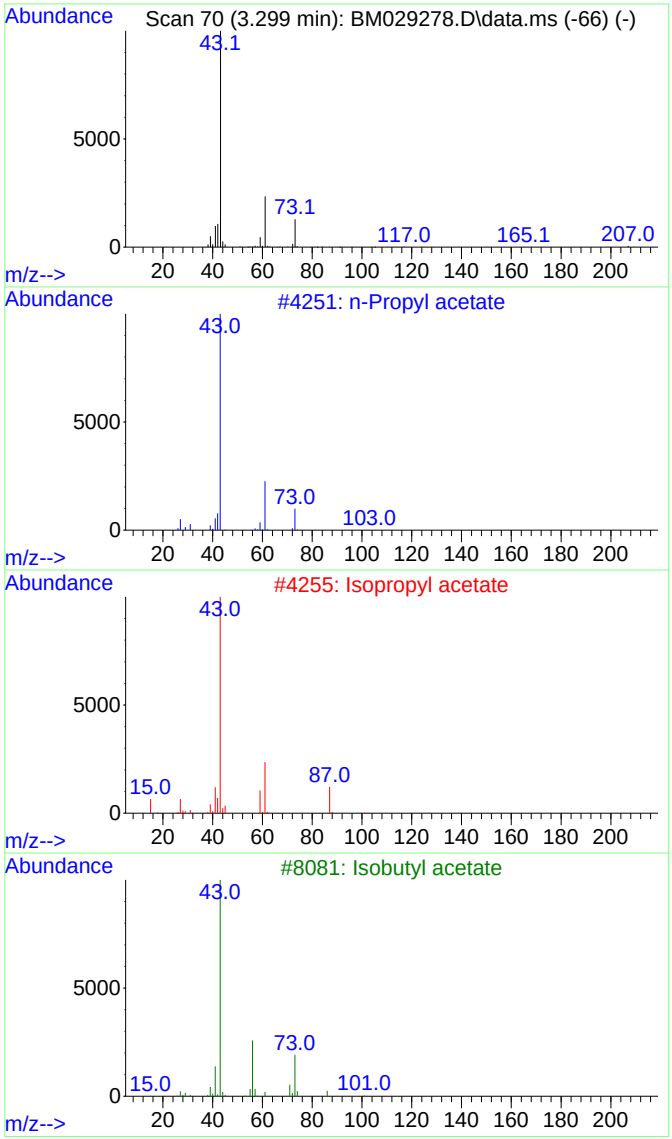
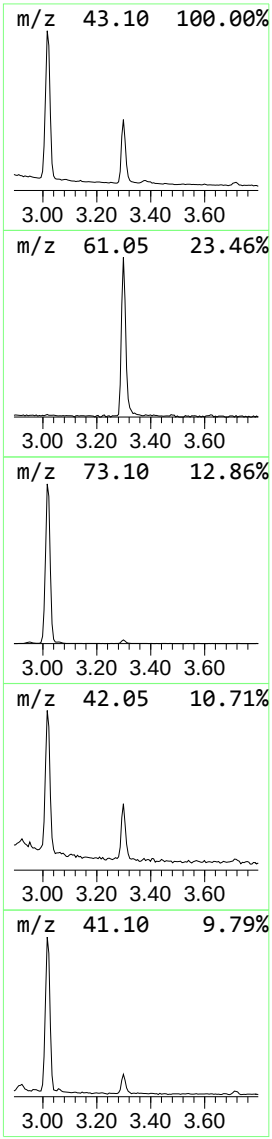
****

Peak Number 2 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.299	6.27 ng	243942	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Isopropyl acetate	102	C5H10O2	000108-21-4	36
3	Isobutyl acetate	116	C6H12O2	000110-19-0	9
4	Di-n-propyl ether	102	C6H14O	000111-43-3	9
5	1-Pentanol, 5-chloro-, acetate	164	C7H13ClO2	020395-28-2	9





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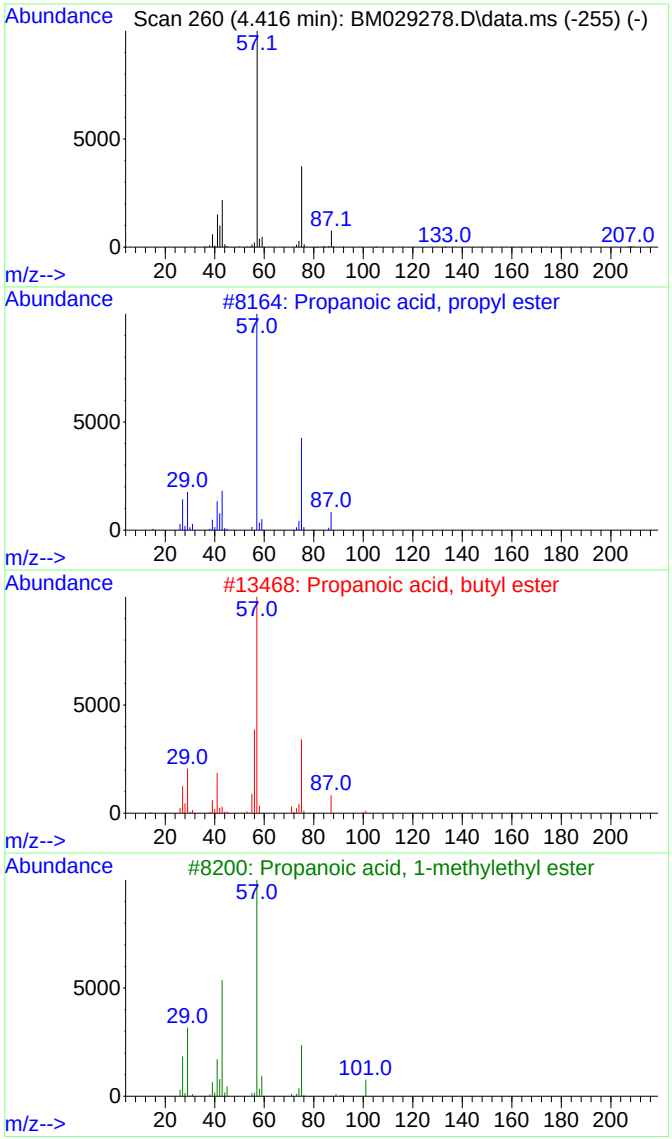
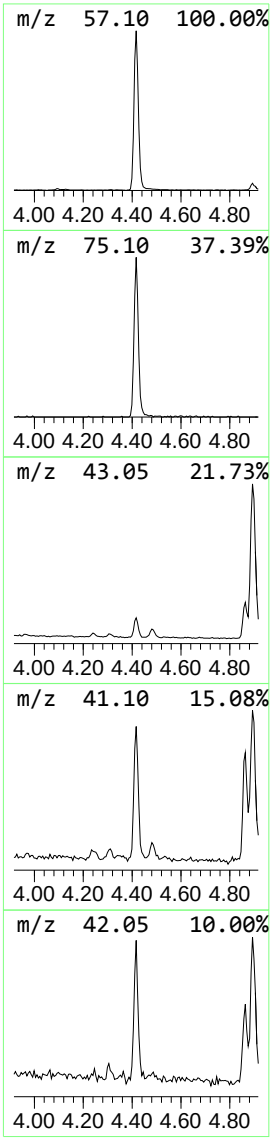
****
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.416	6.55 ng	254856	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	36
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	28
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9
5	Propionic acid, 4-hydroxy-3-hexy...	174	C9H18O3	1000151-16-9	9





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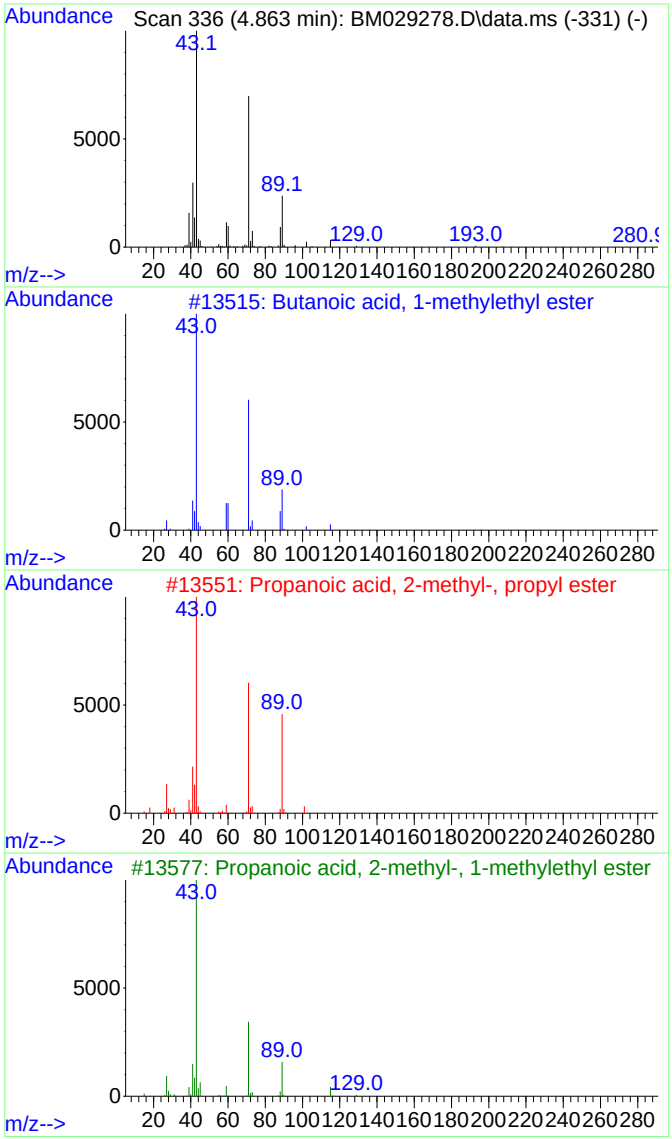
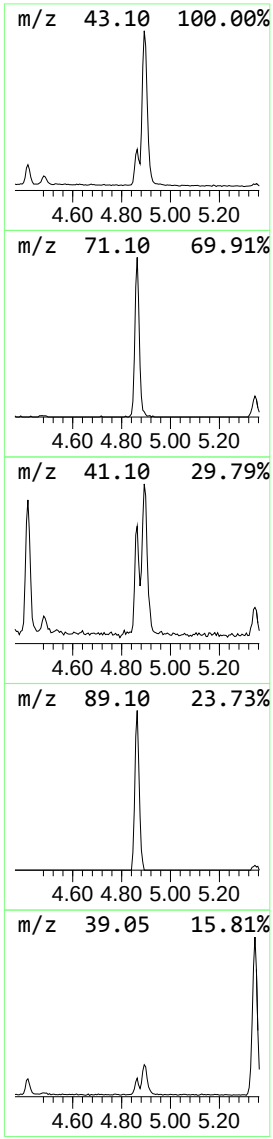
****
Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	3.92 ng	152433	1,4-Dichlorobenzene-d4	7.745

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	64
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	50
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	42





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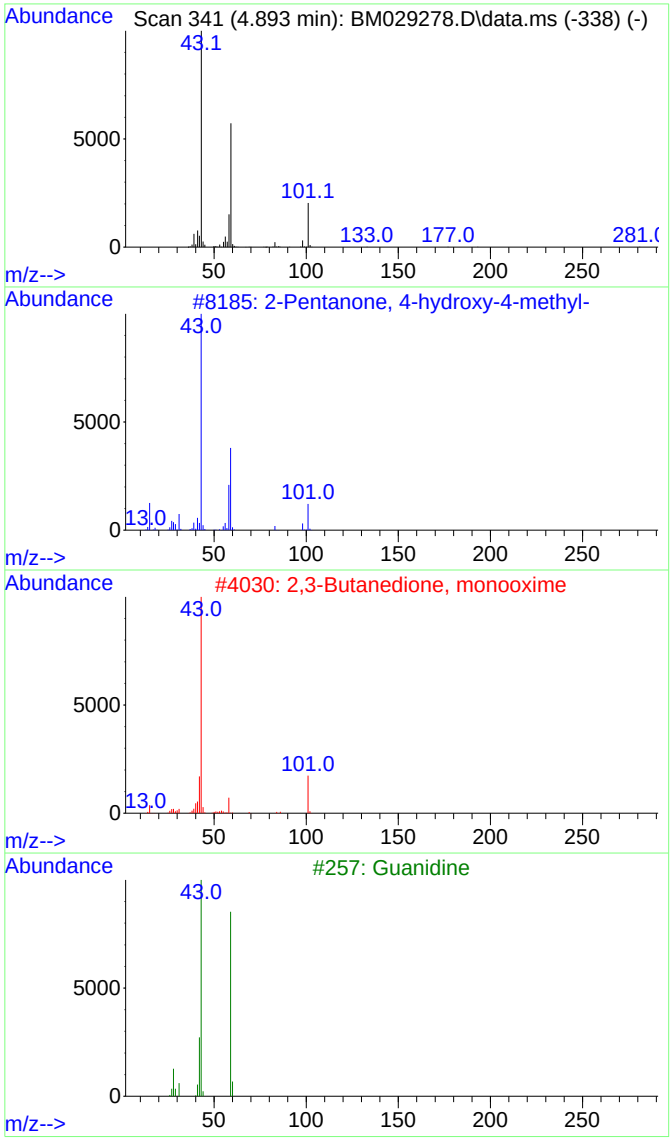
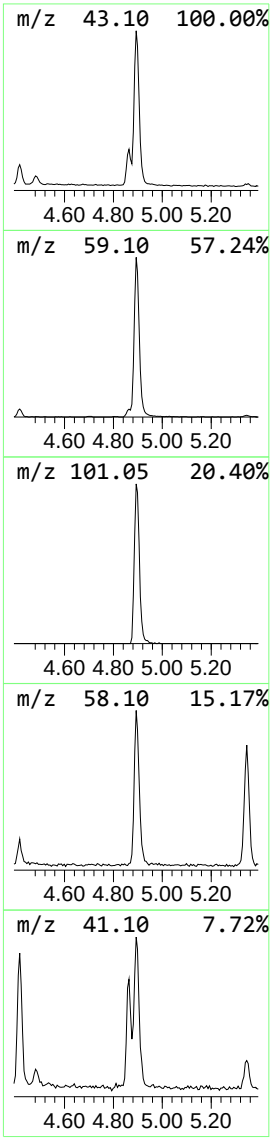
****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	14.26 ng	554806	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Guanidine	59	CH5N3	000113-00-8	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





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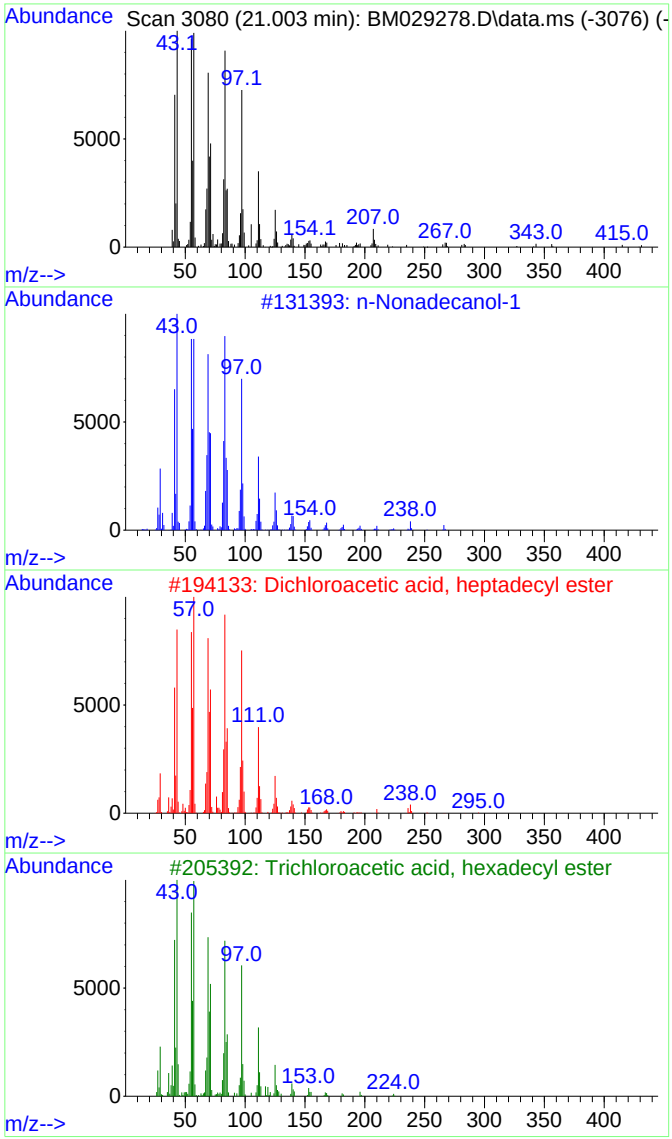
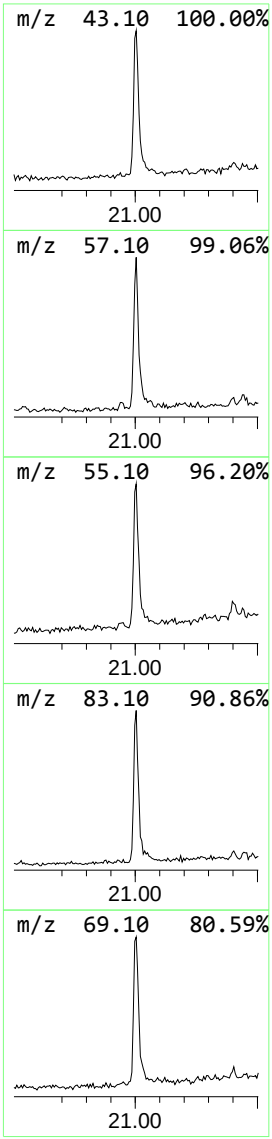
Peak Number 6 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.003	4.94 ng	309111	Chrysene-d12	21.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.016	56.1	ng	2185110	1	7.745	778368	20.0
n-Propyl acetate	3.299	6.3	ng	243942	1	7.745	778368	20.0
Propanoic acid,...	4.416	6.5	ng	254856	1	7.745	778368	20.0
Butanoic acid, ...	4.863	3.9	ng	152433	1	7.745	778368	20.0
2-Pentanone, 4-...	4.893	14.3	ng	554806	1	7.745	778368	20.0
n-Nonadecanol-1	21.003	4.9	ng	309111	5	21.280	1252430	20.0