LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029054.D
Acq On : 09 Mar 2021 20:06
Operator : CG/JU
Sample : M1603-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 32-NORTH

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.775	298	304	311	rBV	6579	10068	1.92%	0.407%
2	5.240	378	383	395	rBV	164348	239418	45.71%	9.686%
3	6.863	653	659	677	rBB	165558	264713	50.54%	10.710%
4	7.669	790	796	802	rBB	35742	52718	10.07%	2.133%
5	8.839	989	995	1005	rBV	104585	166746	31.84%	6.746%
6	10.457	1264	1270	1278	rBB	43482	68524	13.08%	2.772%
7	12.945	1687	1693	1701	rBV	239842	339508	64.82%	13.736%
8	13.804	1834	1839	1844	rBB	6285	7570	1.45%	0.306%
9	14.333	1924	1929	1935	rBB	61532	82423	15.74%	3.335%
10	15.833	2179	2184	2193	rBB	160253	208239	39.76%	8.425%
11	17.080	2391	2396	2401	rBV	71253	93774	17.90%	3.794%
12	17.974	2542	2548	2560	rBV	23599	35436	6.77%	1.434%
13	18.450	2625	2629	2634	rBV2	3031	5571	1.06%	0.225%
14	18.715	2669	2674	2678	rBV	21500	24969	4.77%	1.010%
15	18.809	2685	2690	2694	rVB	4585	6017	1.15%	0.243%
16	19.256	2762	2766	2773	rBV2	13204	18028	3.44%	0.729%
17	19.356	2778	2783	2788	rVB2	4222	5996	1.14%	0.243%
18	19.709	2837	2843	2848	rBV	441064	523735	100.00%	21.189%
19	20.574	2987	2990	2994	rVV	6230	7528	1.44%	0.305%
20	20.974	3054	3058	3066	rVB	34715	52874	10.10%	2.139%
21	21.256	3101	3106	3111	rBV	106119	126407	24.14%	5.114%
22	23.415	3467	3473	3481	rVB2	74003	131474	25.10%	5.319%

Sum of corrected areas: 2471736

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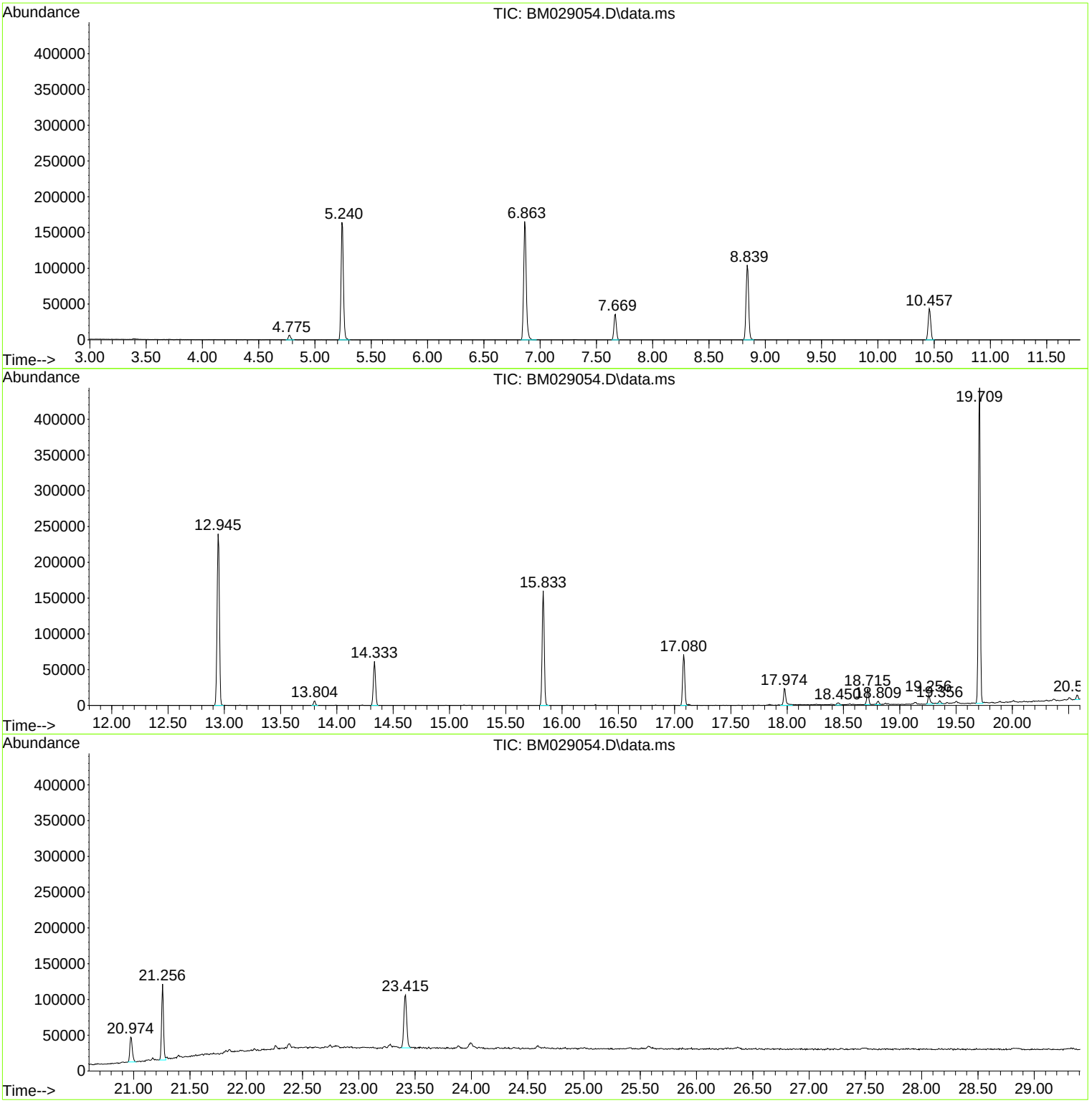
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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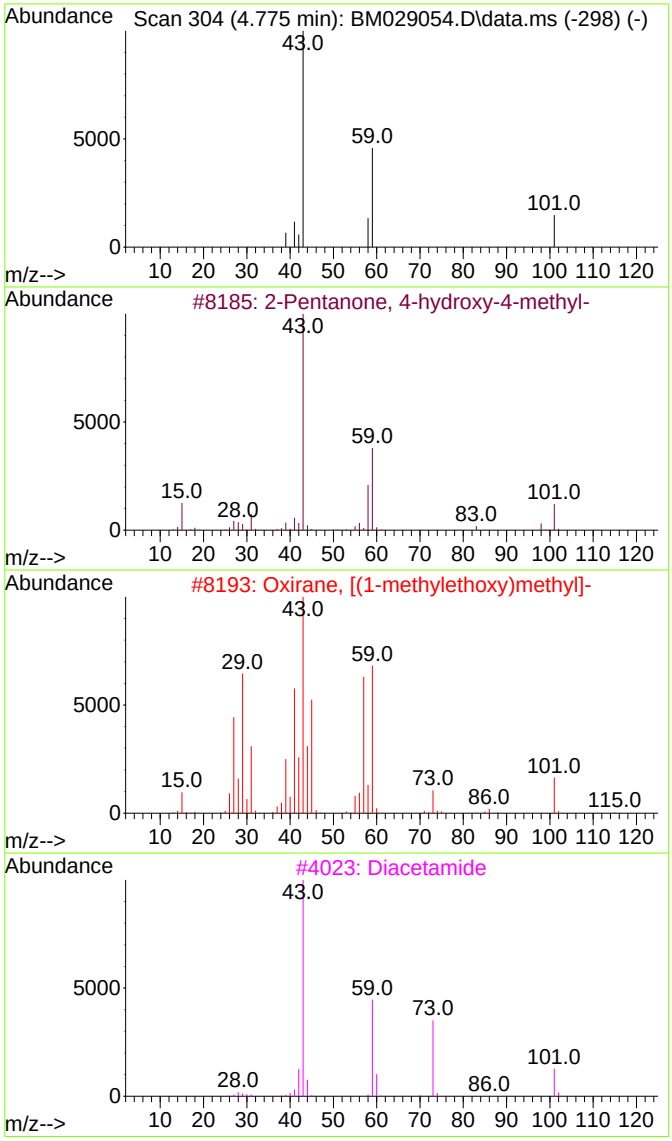
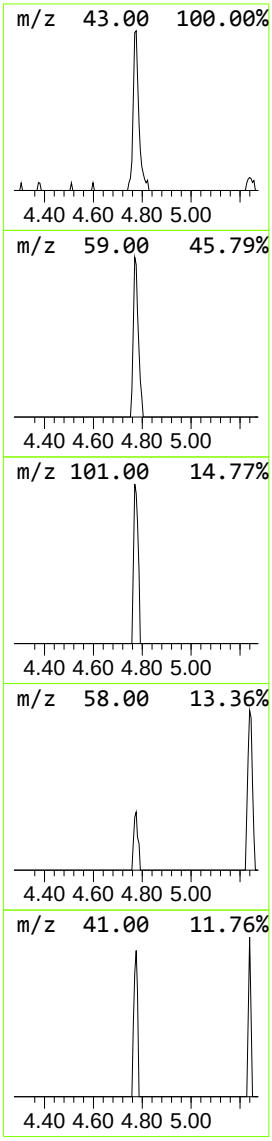
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.775	3.82 ng	10068	1,4-Dichlorobenzene-d4	7.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
3	Diacetamide	101	C4H7NO2	000625-77-4	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	4





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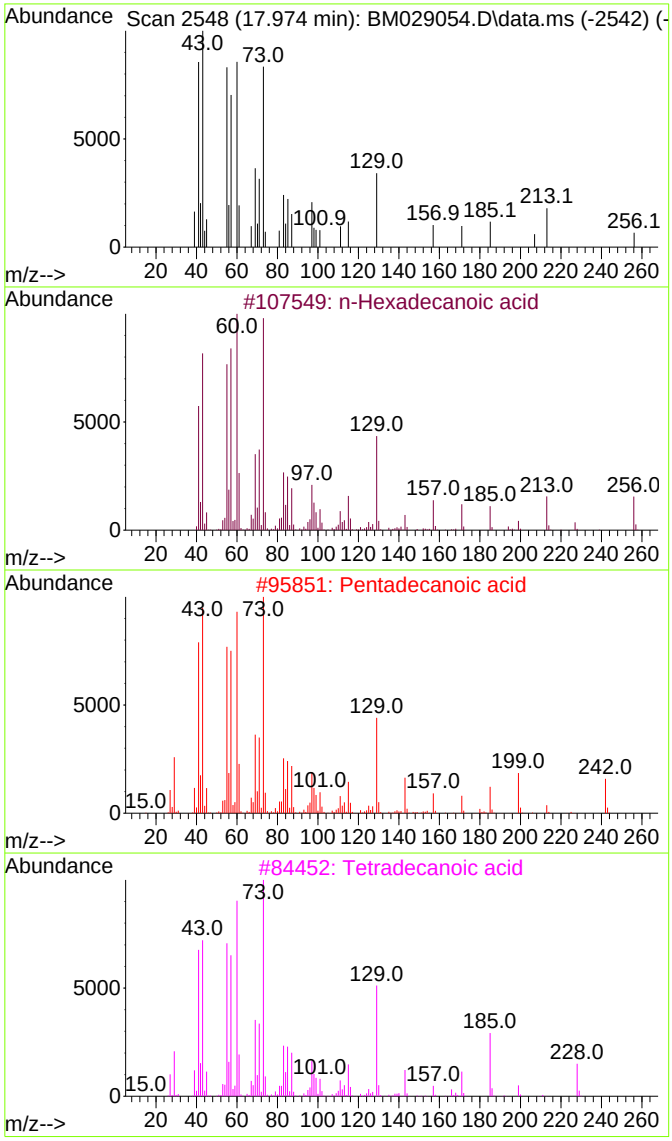
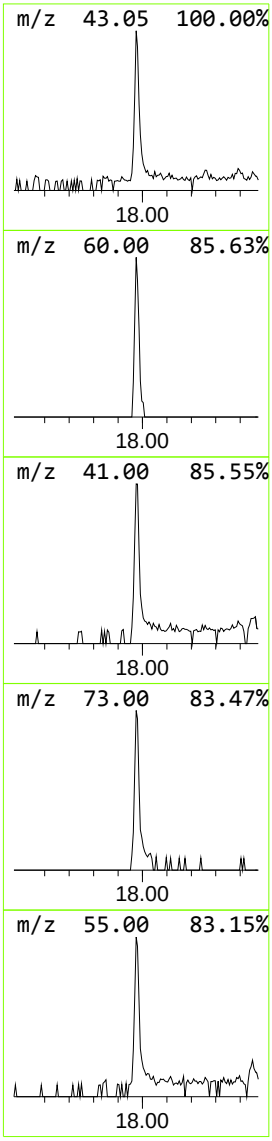
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	7.56 ng	35436	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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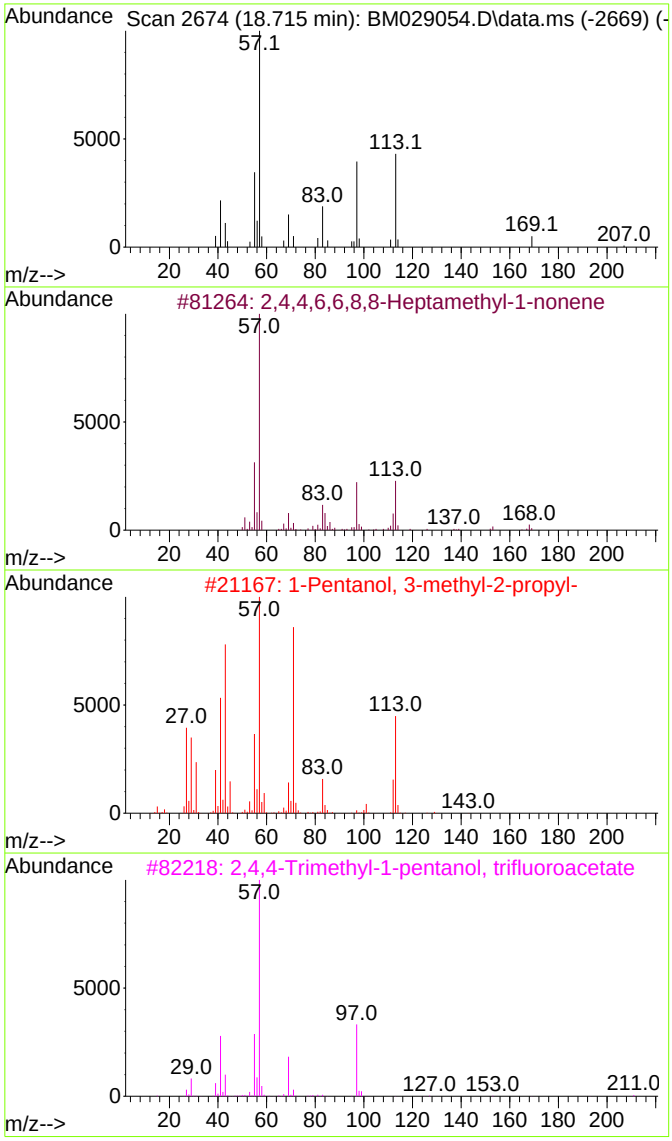
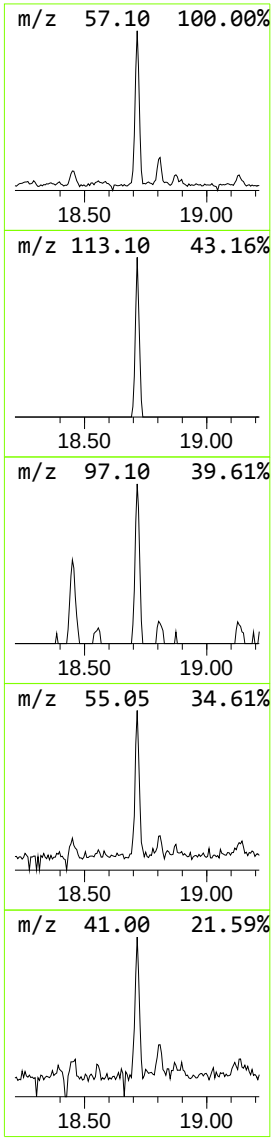
****
Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	5.33 ng	24969	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	47
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	43
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37





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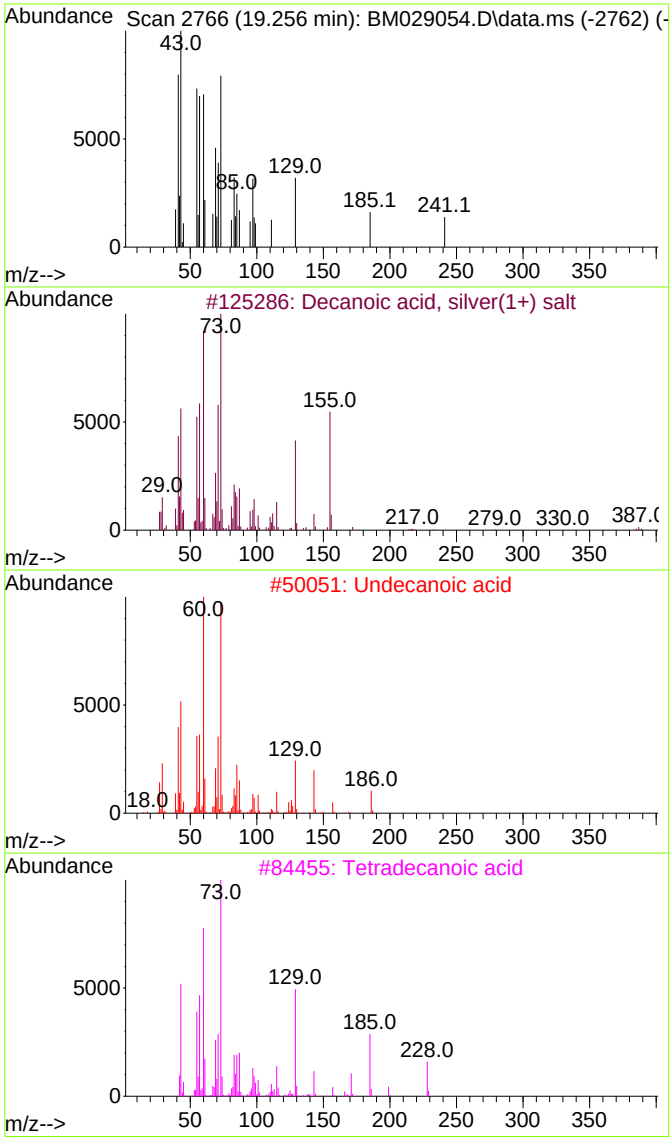
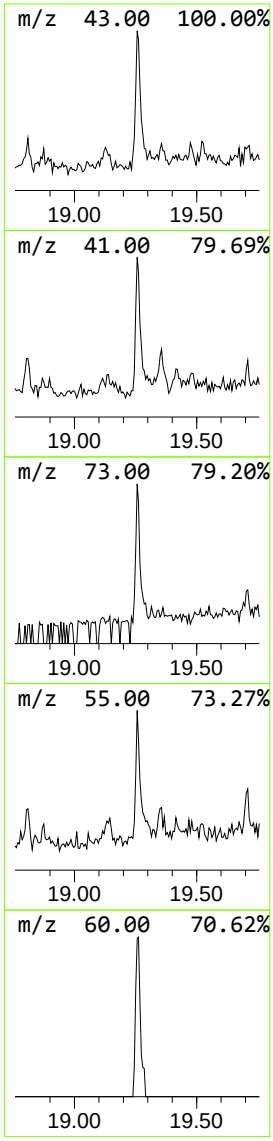
****
Peak Number 4 Decanoic acid, silver(1+) salt Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	2.85 ng	18028	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
2	Undecanoic acid	186	C11H22O2	000112-37-8	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	35





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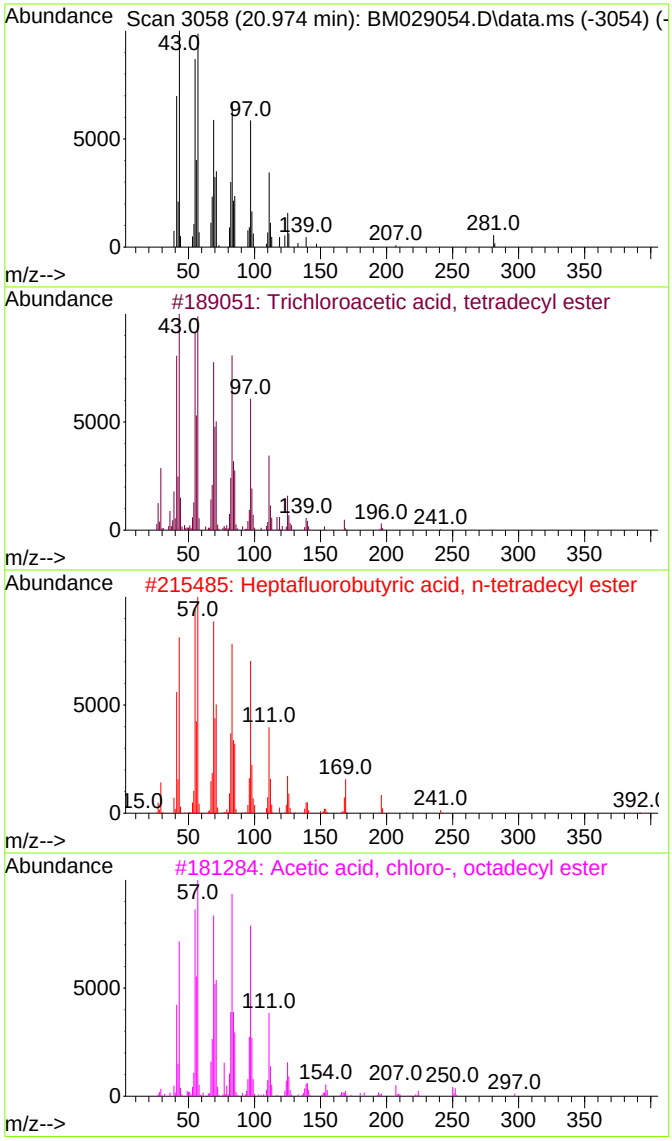
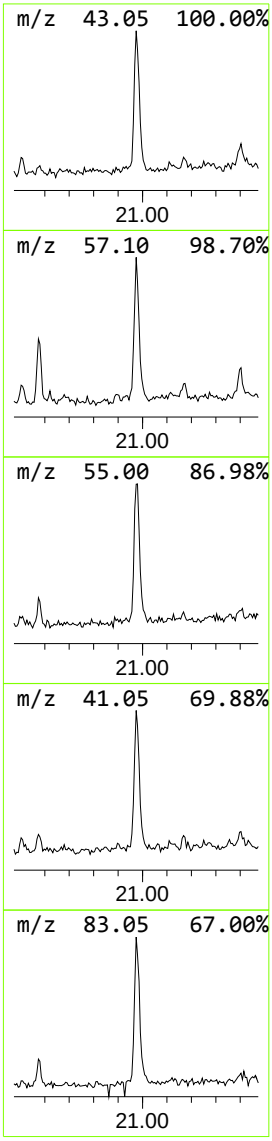
****
Peak Number 5 Trichloroacetic acid, tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	8.37 ng	52874	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.775	3.8	ng	10068	1	7.669	52718	20.0
n-Hexadecanoic ...	17.974	7.6	ng	35436	4	17.080	93774	20.0
2,4,4,6,6,8,8-H...	18.715	5.3	ng	24969	4	17.080	93774	20.0
Decanoic acid, ...	19.256	2.9	ng	18028	5	21.256	126407	20.0
Trichloroacetic...	20.974	8.4	ng	52874	5	21.256	126407	20.0