LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054772.D
Acq On : 29 Aug 2022 14:35
Operator : CG/JU
Sample : N4355-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15

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_G\Methods\8270-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.209	322	327	336	rVB	77343	121055	3.31%	0.852%
2	5.685	401	408	417	rBV	362044	584052	15.95%	4.110%
3	7.289	675	681	693	rVB	229792	396312	10.82%	2.789%
4	8.147	818	827	836	rBV	171998	301734	8.24%	2.123%
5	9.322	1019	1027	1036	rBV	498239	888984	24.28%	6.256%
6	10.979	1299	1309	1316	rBV	235937	438497	11.98%	3.086%
7	13.406	1715	1722	1737	rBV	1388362	2209909	60.36%	15.551%
8	13.964	1811	1817	1824	rBV	31747	44141	1.21%	0.311%
9	14.781	1949	1956	1969	rBV	405658	637752	17.42%	4.488%
10	16.267	2202	2209	2222	rBV	1129779	1756519	47.98%	12.361%
11	17.524	2416	2423	2439	rBV	503990	801399	21.89%	5.639%
12	17.883	2479	2484	2490	rBV3	28460	44763	1.22%	0.315%
13	18.171	2527	2533	2542	rVB	70837	90698	2.48%	0.638%
14	19.246	2711	2716	2724	rBV	29905	47517	1.30%	0.334%
15	19.334	2724	2731	2736	rVV	47576	64009	1.75%	0.450%
16	19.469	2747	2754	2760	rVB	65532	81410	2.22%	0.573%
17	20.127	2860	2866	2880	rBV	2736231	3661235	100.00%	25.764%
18	21.432	3082	3088	3096	rBV	105722	190599	5.21%	1.341%
19	21.819	3147	3154	3163	rBV	503916	867726	23.70%	6.106%
20	23.564	3445	3451	3459	rVB	34004	72768	1.99%	0.512%
21	25.180	3715	3726	3742	rBV2	295062	909419	24.84%	6.400%

Sum of corrected areas: 14210498

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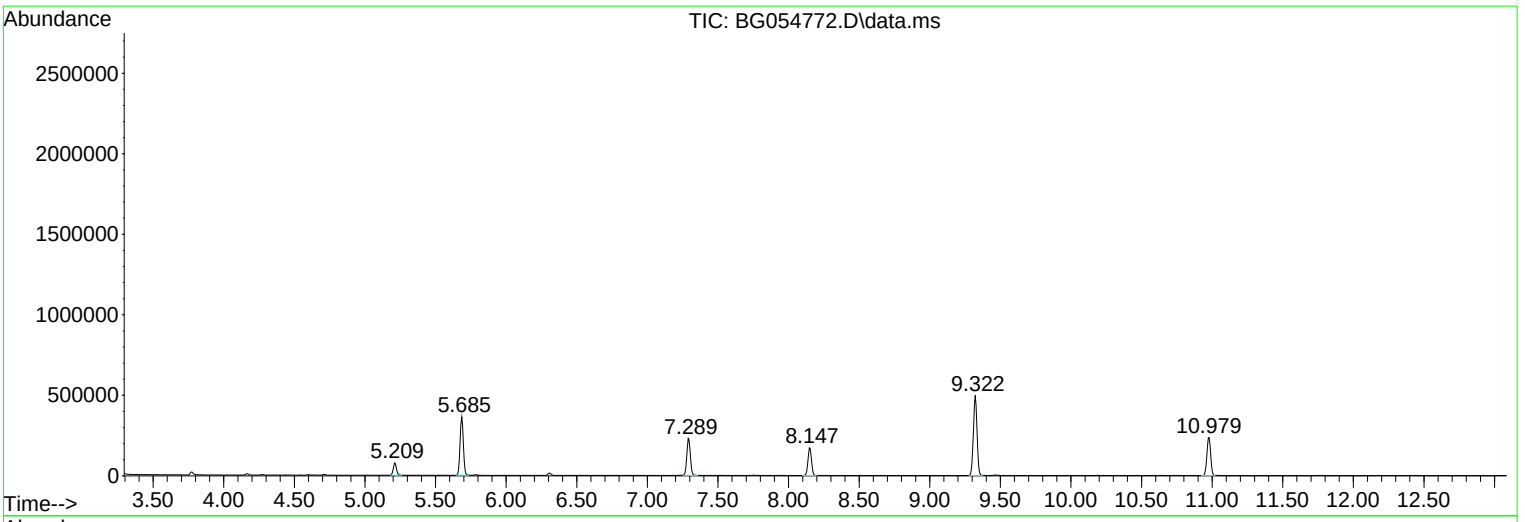
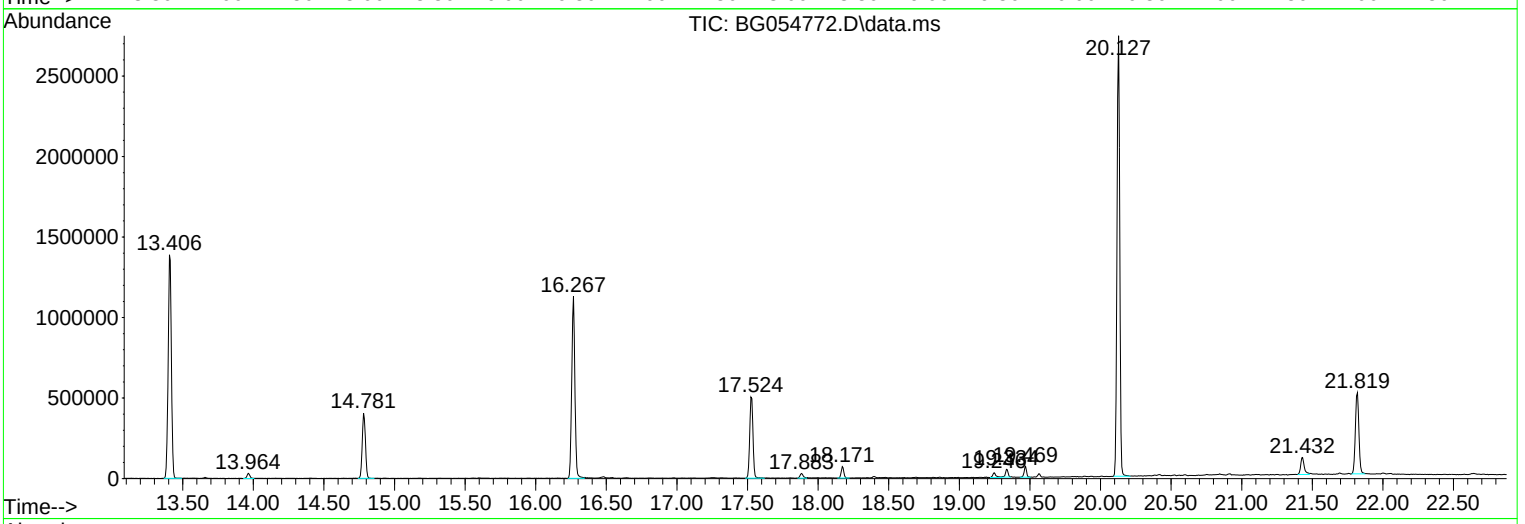
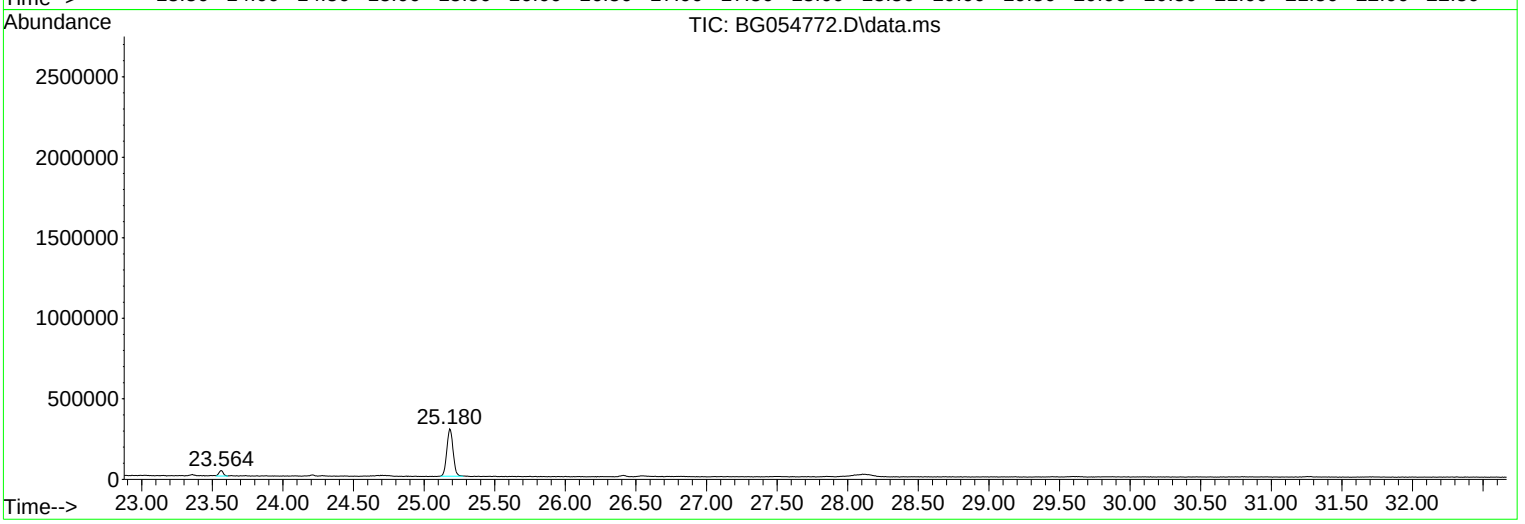
ClientSampleId :
MW-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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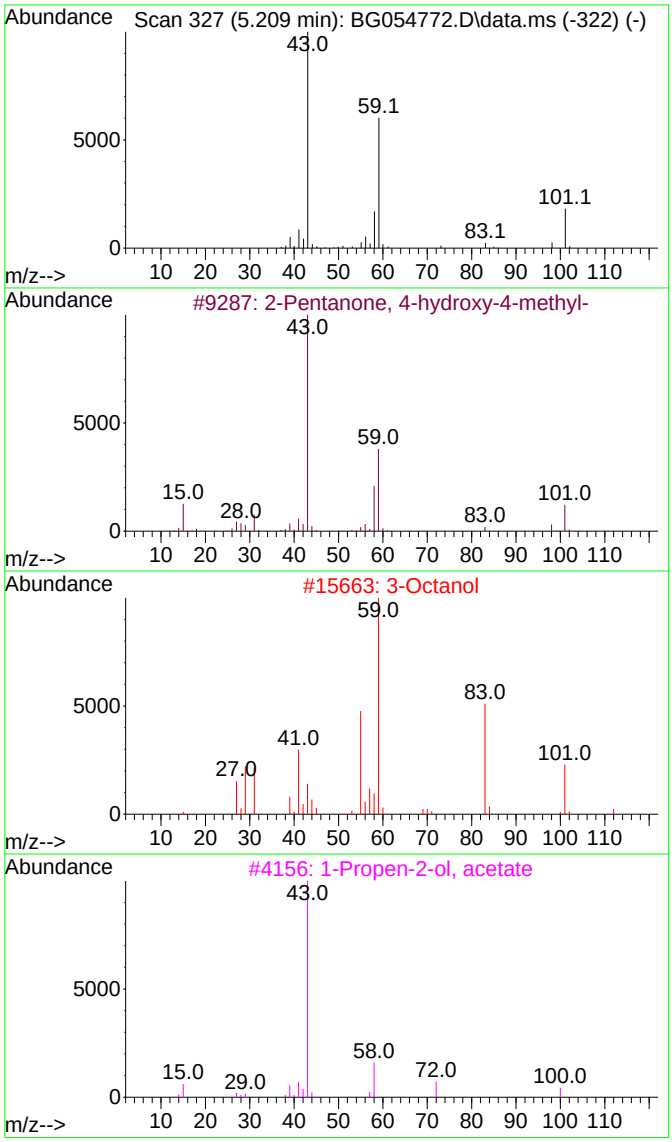
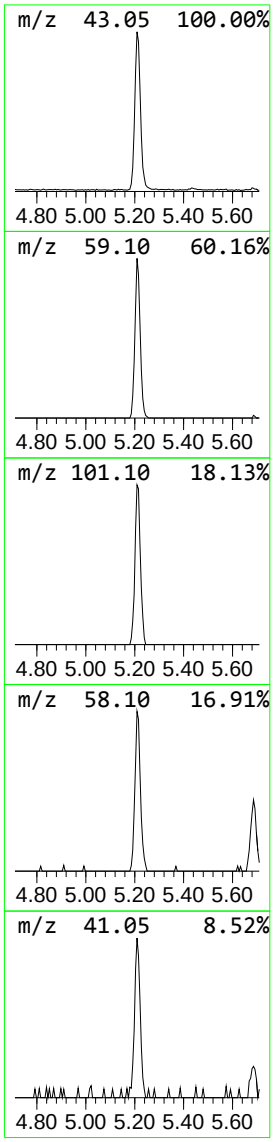
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.209	8.02 ng	121055	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Octanol	130	C8H18O	000589-98-0	33
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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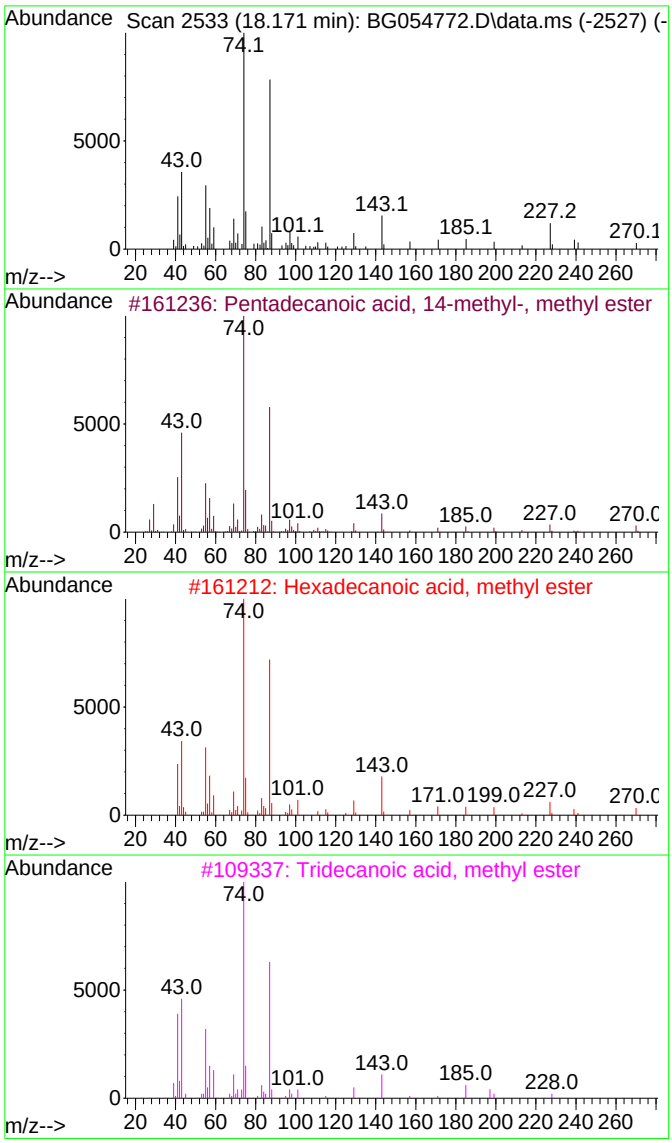
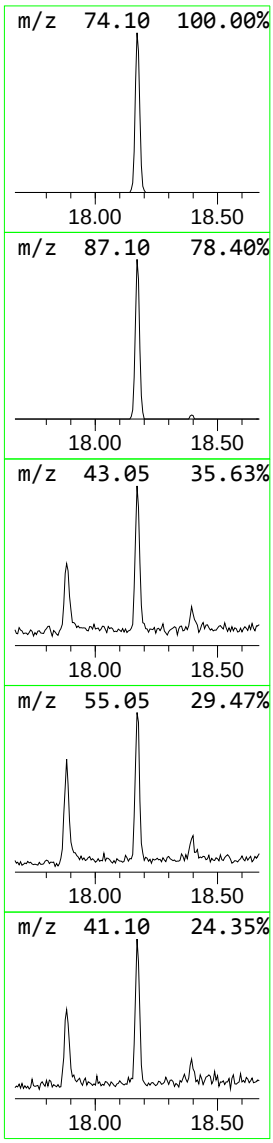
****
Peak Number 2 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.171	2.26 ng	90698	Phenanthrene-d10	17.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86





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Sample : N4355-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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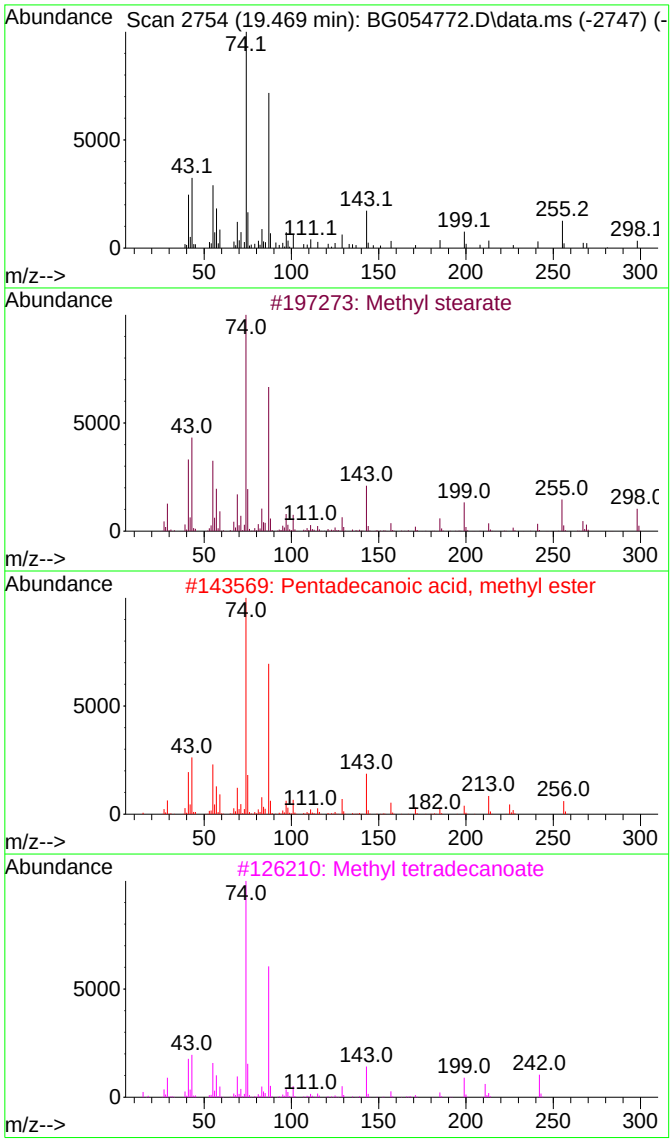
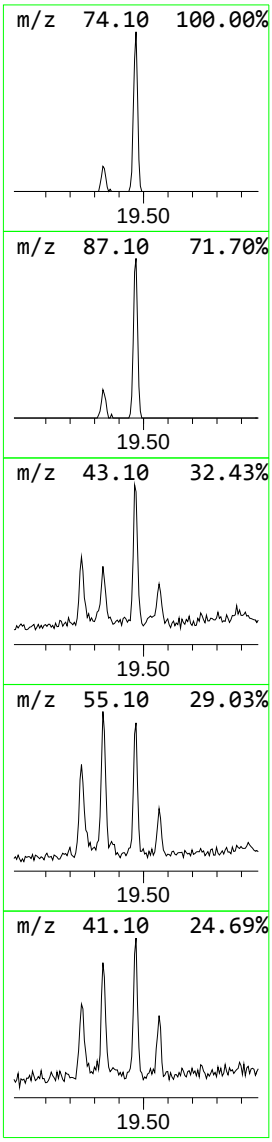
****

Peak Number 3 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	2.03 ng	81410	Phenanthrene-d10	17.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83
5	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	80





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TIC Library : C:\Database\NIST20.L
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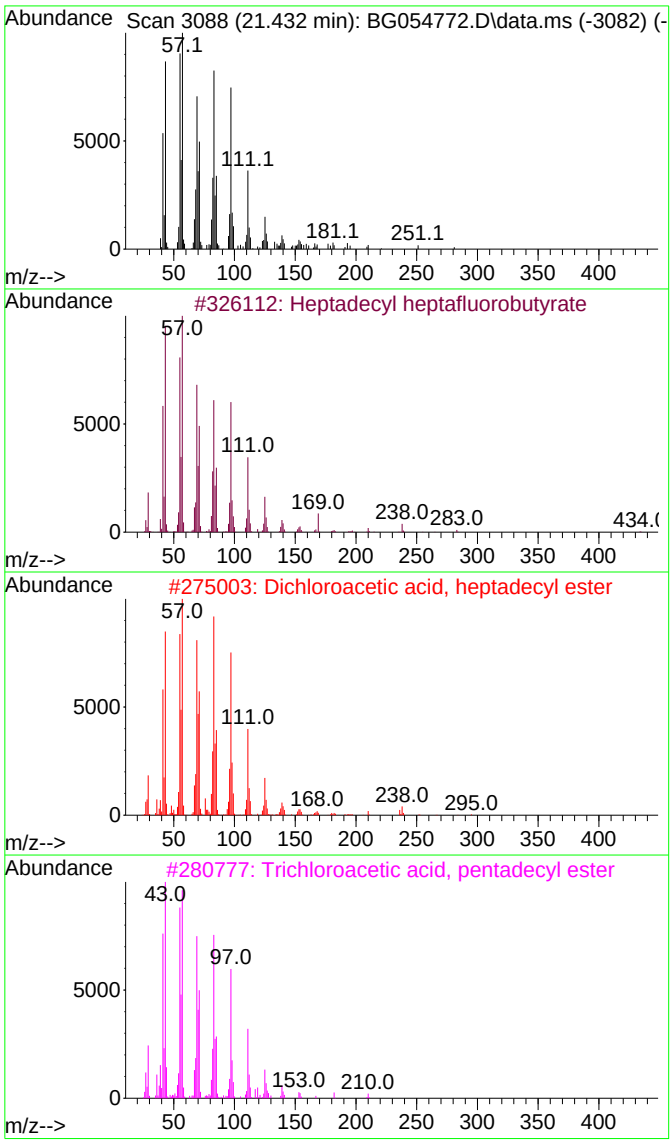
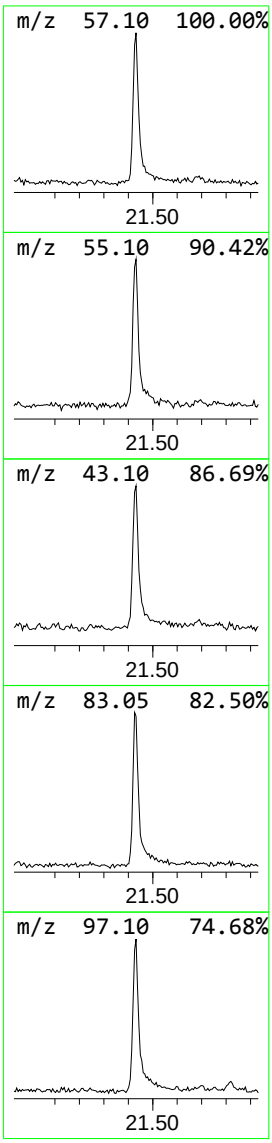
****
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.432	4.39 ng	190599	Chrysene-d12	21.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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-...	5.209	8.0	ng	121055	1	8.153	301734	20.0
Pentadecanoic a...	18.171	2.3	ng	90698	4	17.525	801399	20.0
Methyl stearate	19.469	2.0	ng	81410	4	17.525	801399	20.0
Heptadecyl hept...	21.432	4.4	ng	190599	5	21.819	867726	20.0