LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
Data File : BG050562.D
Acq On : 12 Oct 2021 21:15
Operator : CG/JU
Sample : M4169-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-RR-03-(SA)

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.798	385	393	404	rBV	503291	865847	25.34%	5.613%
2	7.396	658	665	680	rBV	327747	608751	17.81%	3.946%
3	8.260	803	812	824	rBV	180358	320841	9.39%	2.080%
4	9.429	1002	1011	1023	rBV	709734	1294229	37.87%	8.390%
5	10.828	1238	1249	1262	rBV	305984	516434	15.11%	3.348%
6	11.080	1283	1292	1300	rBV	265380	487002	14.25%	3.157%
7	13.501	1695	1704	1712	rBV	1644601	2613711	76.48%	16.945%
8	14.876	1931	1938	1945	rVB	434453	683103	19.99%	4.429%
9	16.356	2183	2190	2202	rVB	1182246	1823941	53.37%	11.824%
10	16.539	2215	2221	2231	rVB4	23433	51698	1.51%	0.335%
11	17.620	2398	2405	2412	rBV	487503	769993	22.53%	4.992%
12	17.908	2448	2454	2460	rBV	31156	50369	1.47%	0.327%
13	18.254	2507	2513	2519	rBV	73267	91016	2.66%	0.590%
14	19.412	2706	2710	2715	rVB	147137	168332	4.93%	1.091%
15	20.205	2839	2845	2851	rBV	2516064	3417474	100.00%	22.155%
16	21.509	3063	3067	3076	rBV2	81922	138536	4.05%	0.898%
17	21.915	3129	3136	3146	rVB2	443092	775423	22.69%	5.027%
18	25.328	3707	3717	3732	rBV2	238798	748427	21.90%	4.852%

Sum of corrected areas: 15425127

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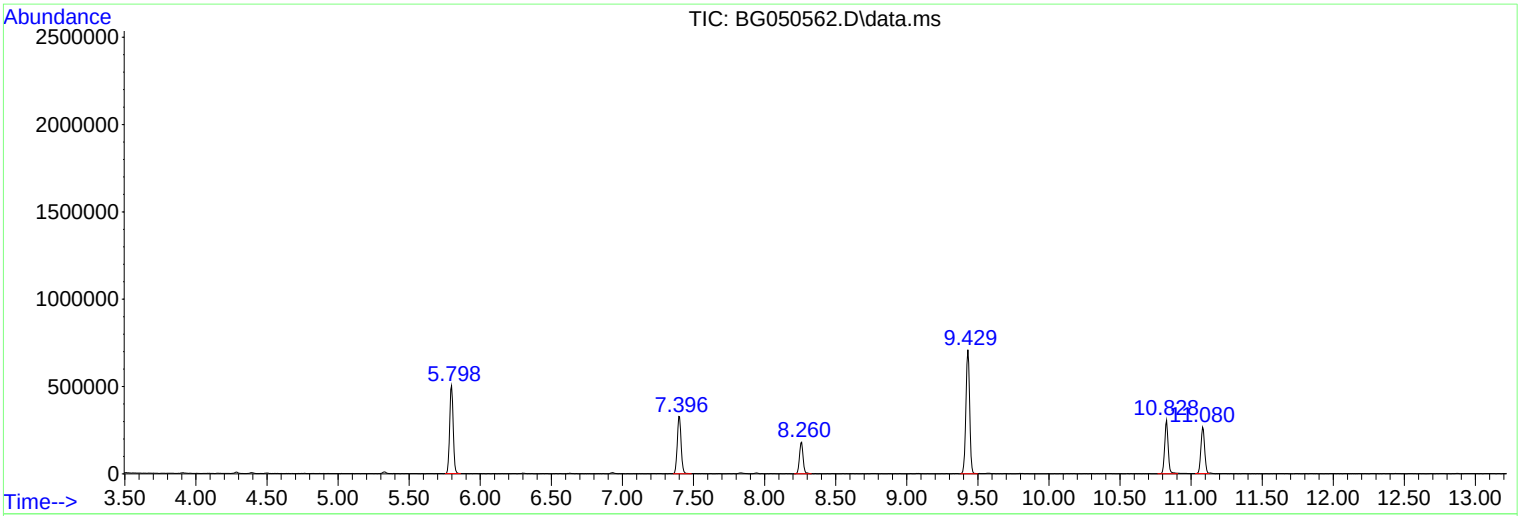
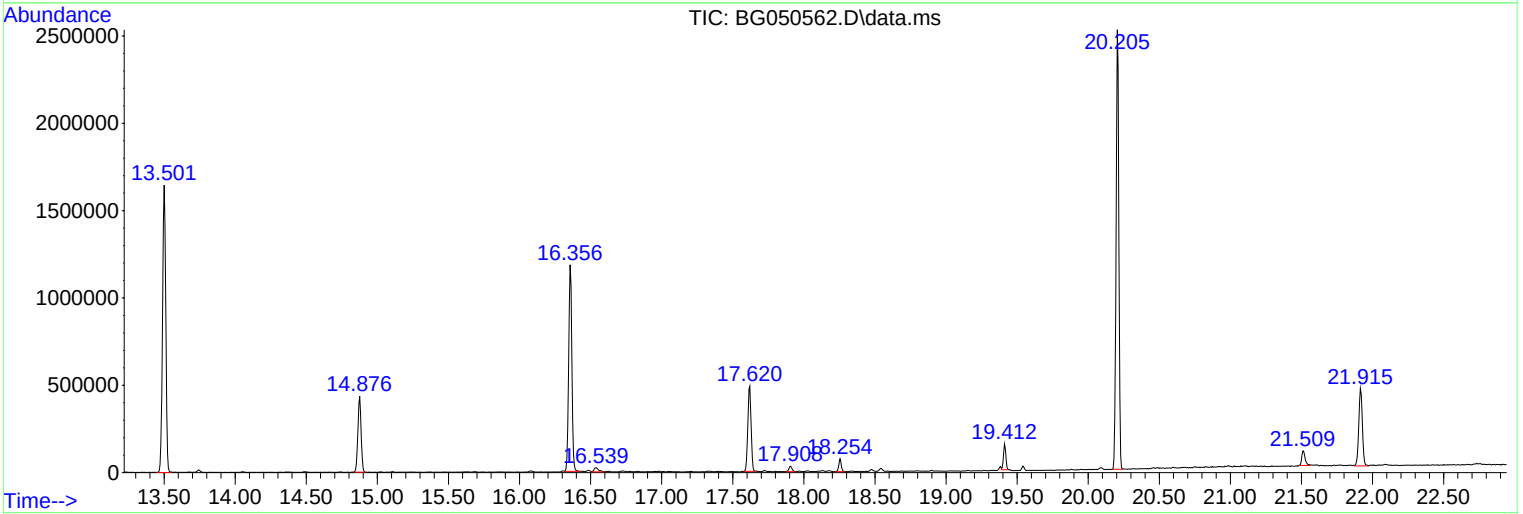
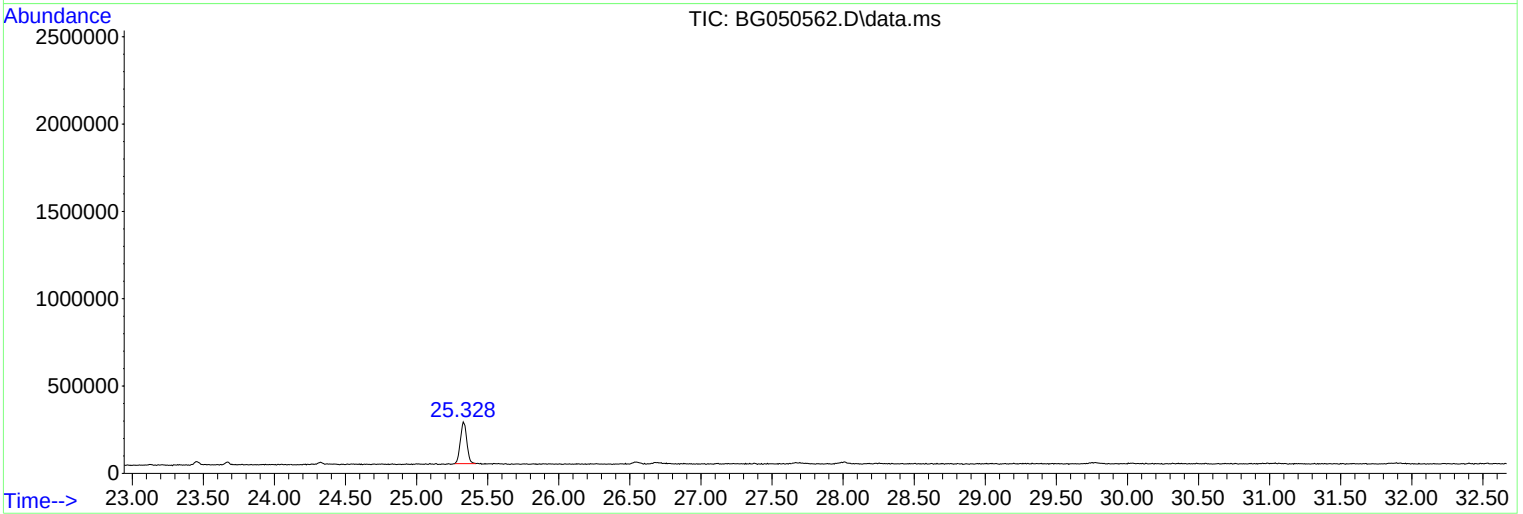
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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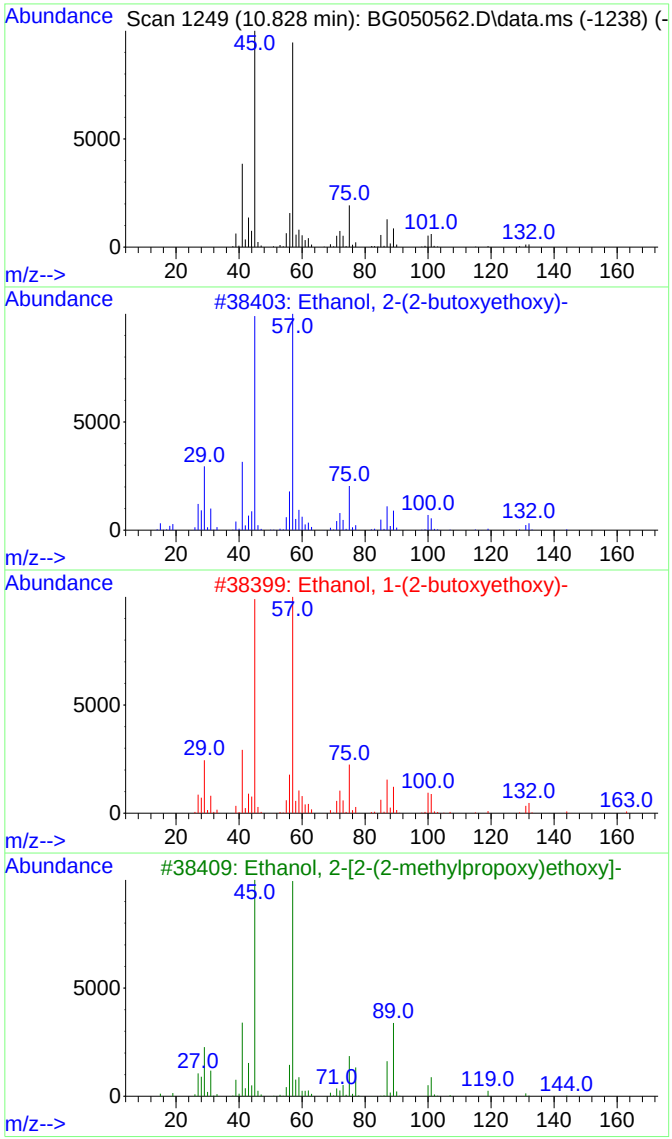
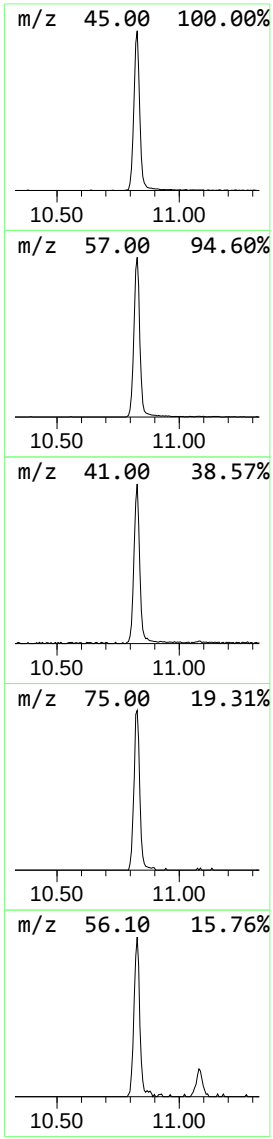
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	21.21 ng	516434	Naphthalene-d8	11.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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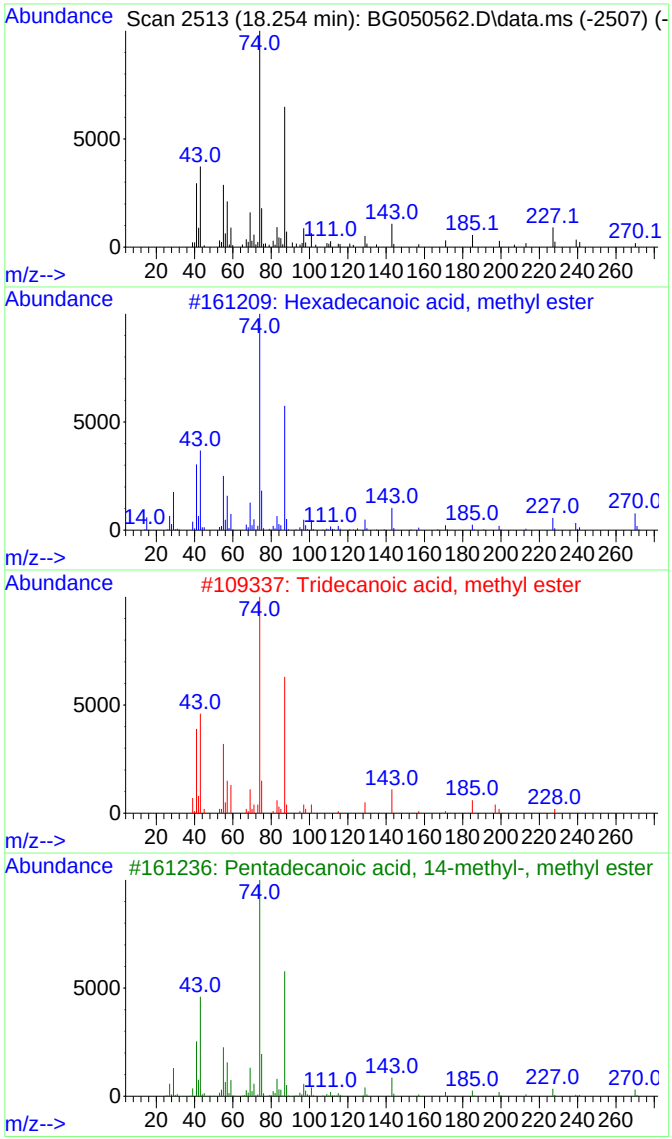
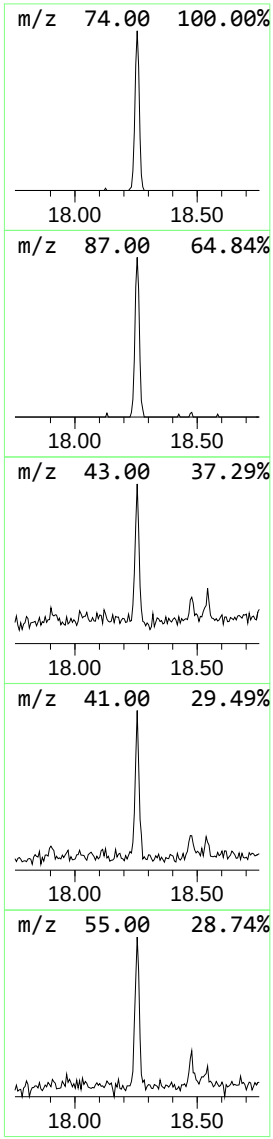
****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	2.36 ng	91016	Phenanthrene-d10	17.620

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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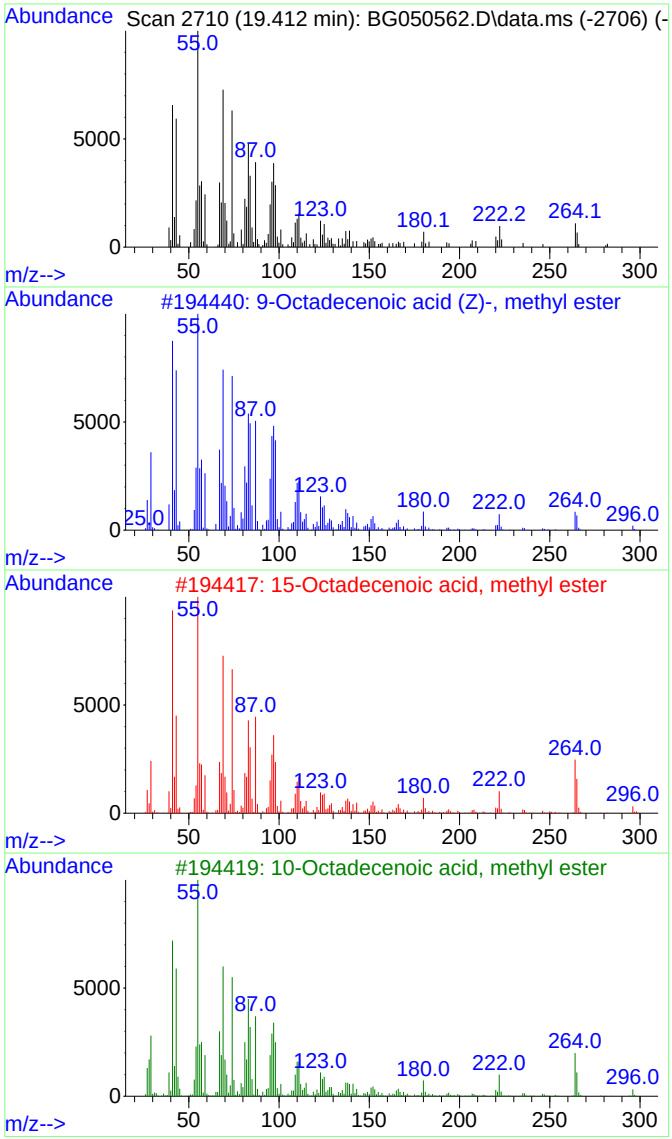
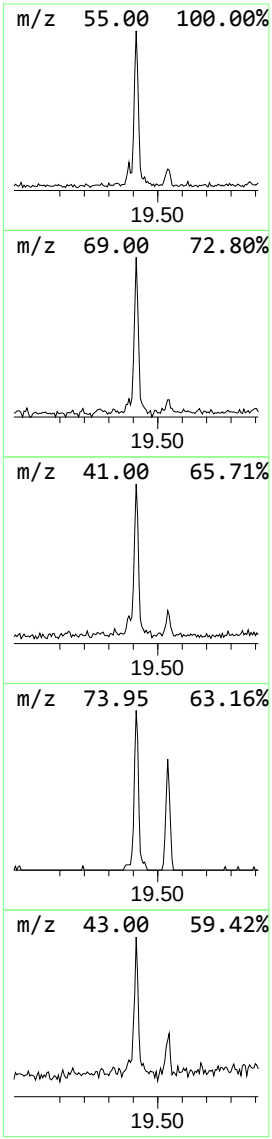
****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.412	4.37 ng	168332	Phenanthrene-d10	17.620

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91





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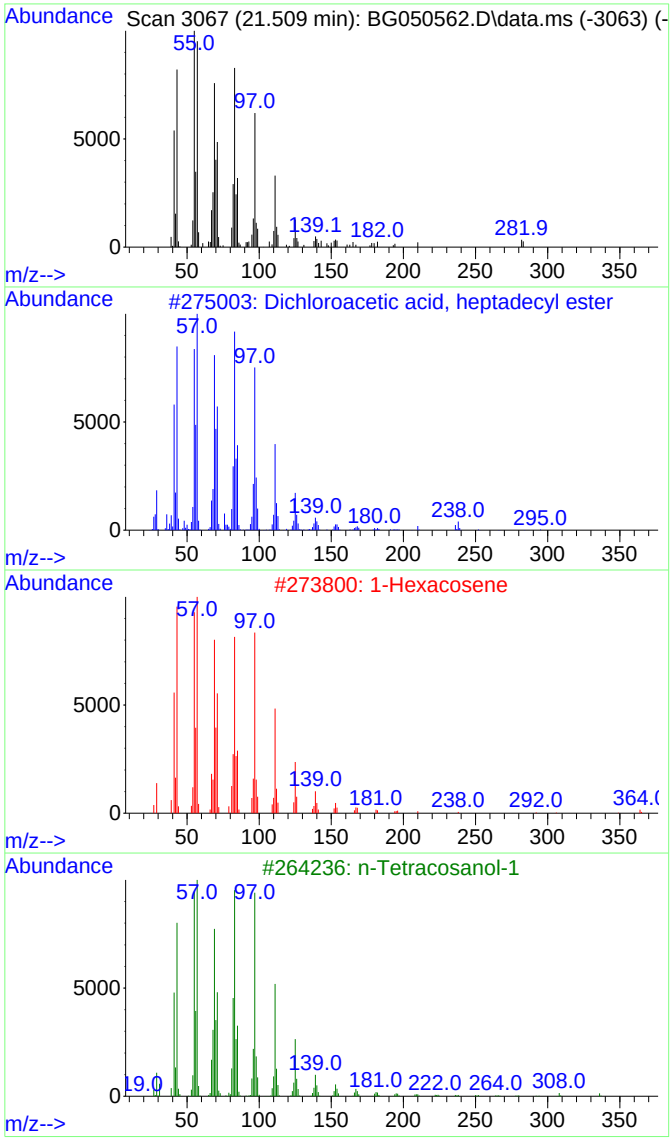
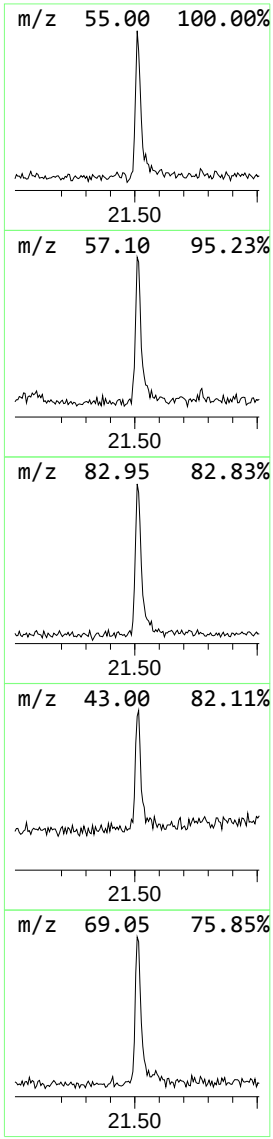
****
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.509	3.57 ng	138536	Chrysene-d12	21.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.828	21.2	ng	516434	2	11.080	487002	20.0
Hexadecanoic ac...	18.254	2.4	ng	91016	4	17.620	769993	20.0
9-Octadecenoic ...	19.412	4.4	ng	168332	4	17.620	769993	20.0
Dichloroacetic ...	21.509	3.6	ng	138536	5	21.915	775423	20.0