LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053664.D
Acq On : 23 May 2022 14:51
Operator : CG/JU
Sample : N2968-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-45

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053664.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.626	373	381	394	rBV	241935	407132	15.44%	3.750%
2	7.230	648	654	665	rBV	145329	266194	10.10%	2.452%
3	8.058	789	795	802	rBV	112156	190304	7.22%	1.753%
4	9.222	985	993	1009	rBV	424607	786313	29.83%	7.242%
5	10.872	1266	1274	1284	rBV	150775	280747	10.65%	2.586%
6	13.310	1682	1689	1697	rBV	1231546	1909592	72.43%	17.588%
7	14.685	1917	1923	1934	rVB	256280	419766	15.92%	3.866%
8	16.177	2167	2177	2188	rBV	955633	1531507	58.09%	14.106%
9	16.382	2206	2212	2220	rBV	26852	53948	2.05%	0.497%
10	17.176	2342	2347	2351	rBV	25568	34465	1.31%	0.317%
11	17.434	2385	2391	2397	rBV	350449	523169	19.84%	4.819%
12	17.910	2469	2472	2477	rBV2	27915	33110	1.26%	0.305%
13	18.080	2498	2501	2508	rVB2	38248	51089	1.94%	0.471%
14	18.321	2538	2542	2551	rBV3	46551	92808	3.52%	0.855%
15	19.173	2682	2687	2691	rBV7	19270	38753	1.47%	0.357%
16	19.249	2693	2700	2704	rVB2	113442	157774	5.98%	1.453%
17	19.378	2718	2722	2726	rBV3	33042	42483	1.61%	0.391%
18	19.478	2736	2739	2743	rVB	29414	33250	1.26%	0.306%
19	19.590	2754	2758	2763	rBV6	27782	47734	1.81%	0.440%
20	19.854	2799	2803	2809	rVB	36028	49852	1.89%	0.459%
21	20.042	2828	2835	2840	rVB	1943292	2636306	100.00%	24.282%
22	21.340	3051	3056	3064	rBV3	56354	104977	3.98%	0.967%
23	21.711	3113	3119	3128	rBV2	329619	557125	21.13%	5.131%
24	24.977	3665	3675	3688	rVB2	197817	608772	23.09%	5.607%

Sum of corrected areas: 10857170

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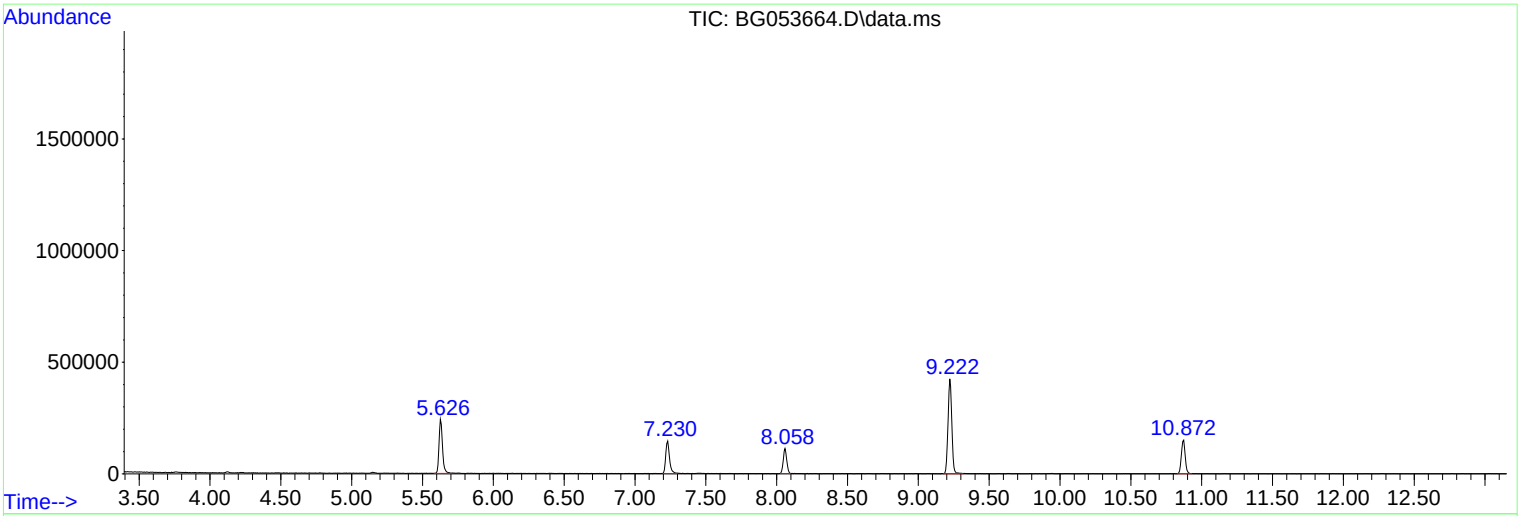
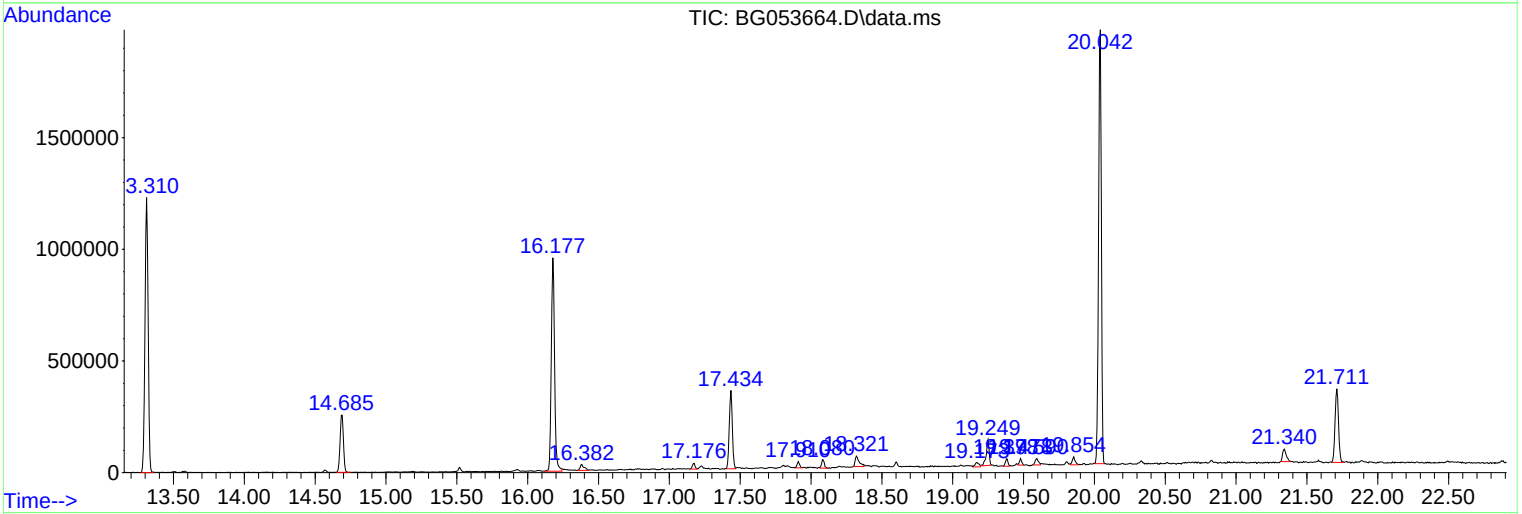
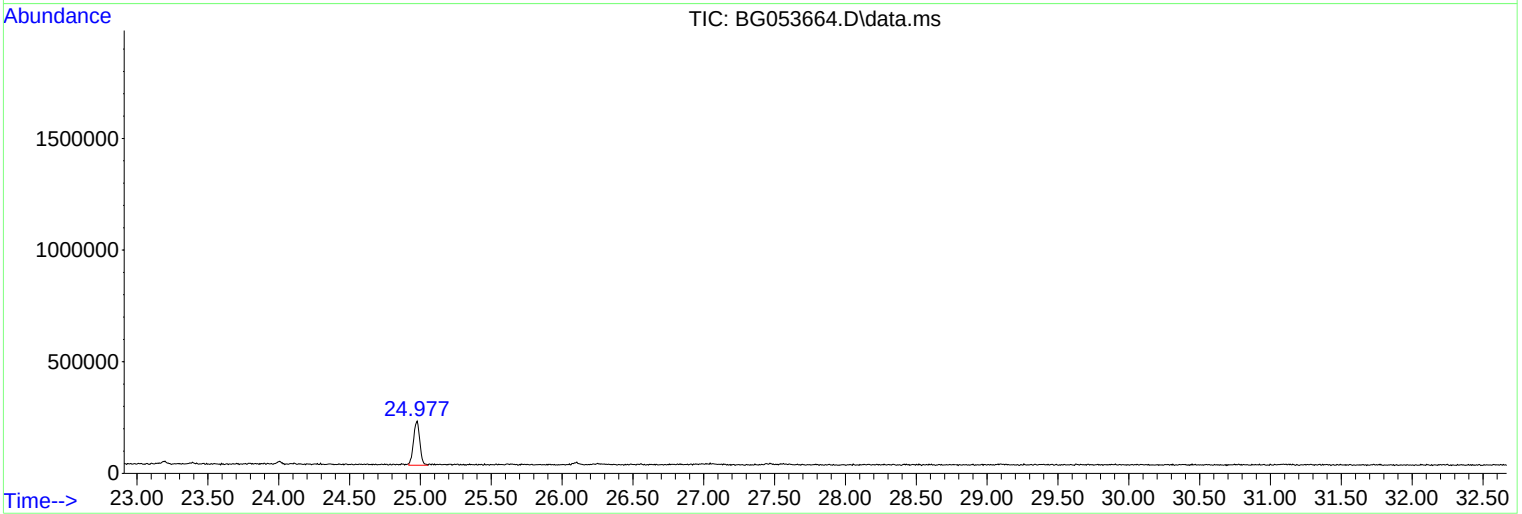
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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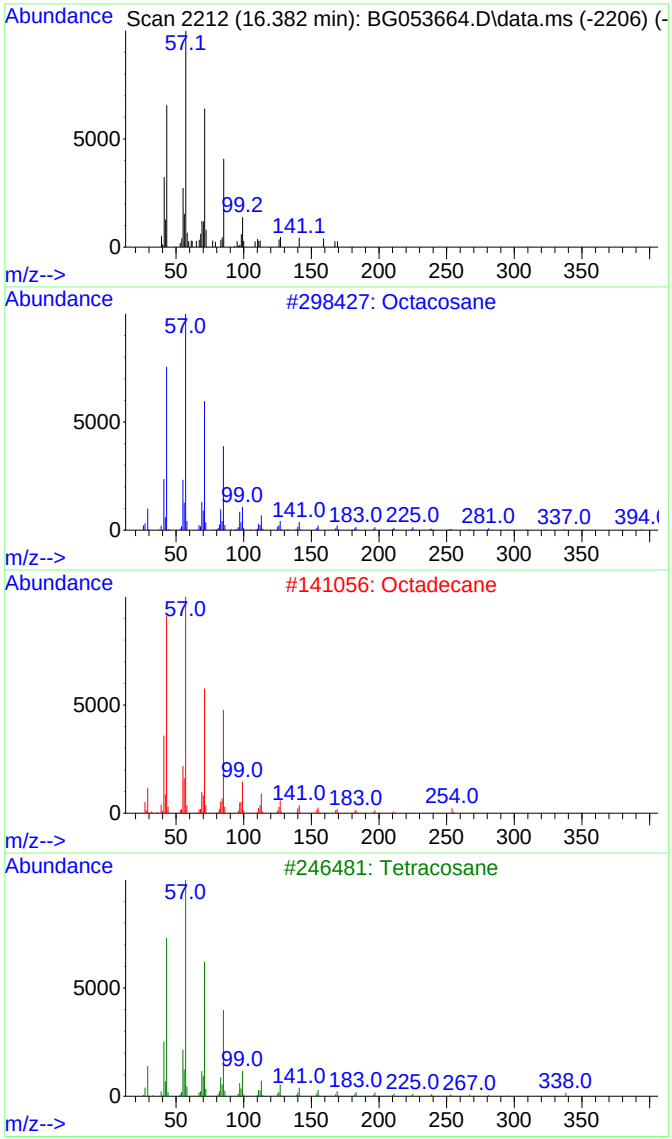
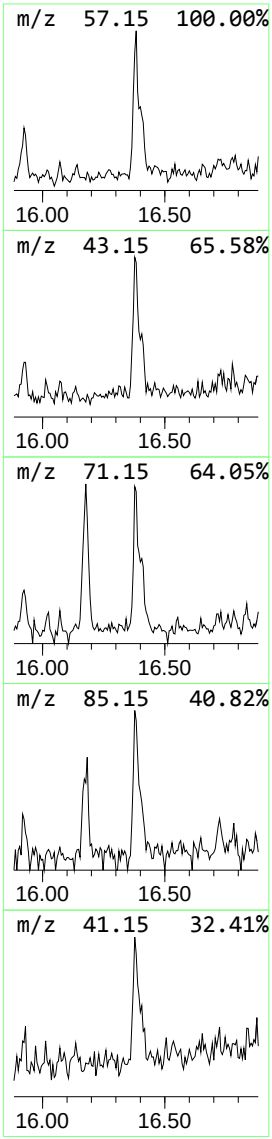
Peak Number 1 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.383	2.06 ng	53948	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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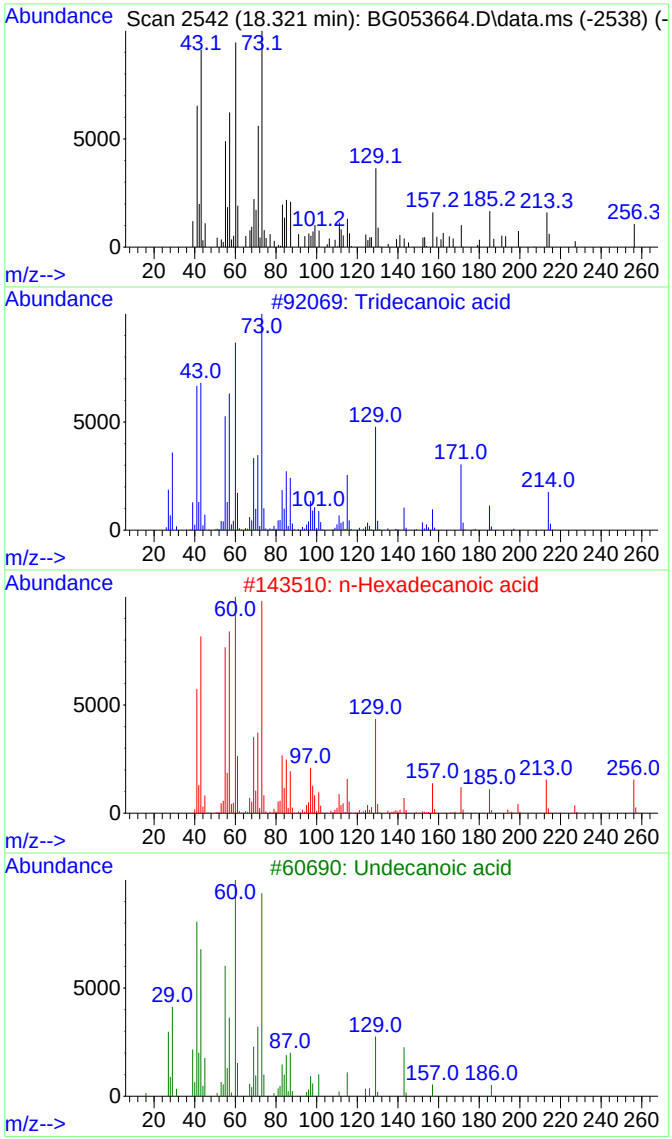
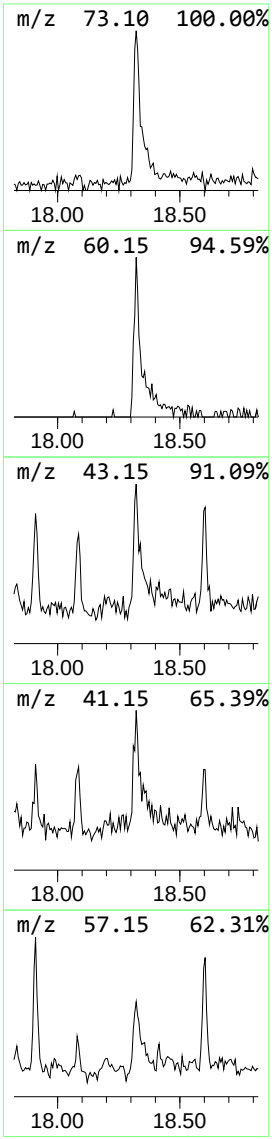
Peak Number 2 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	3.55 ng	92808	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument :
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ClientSampleId :
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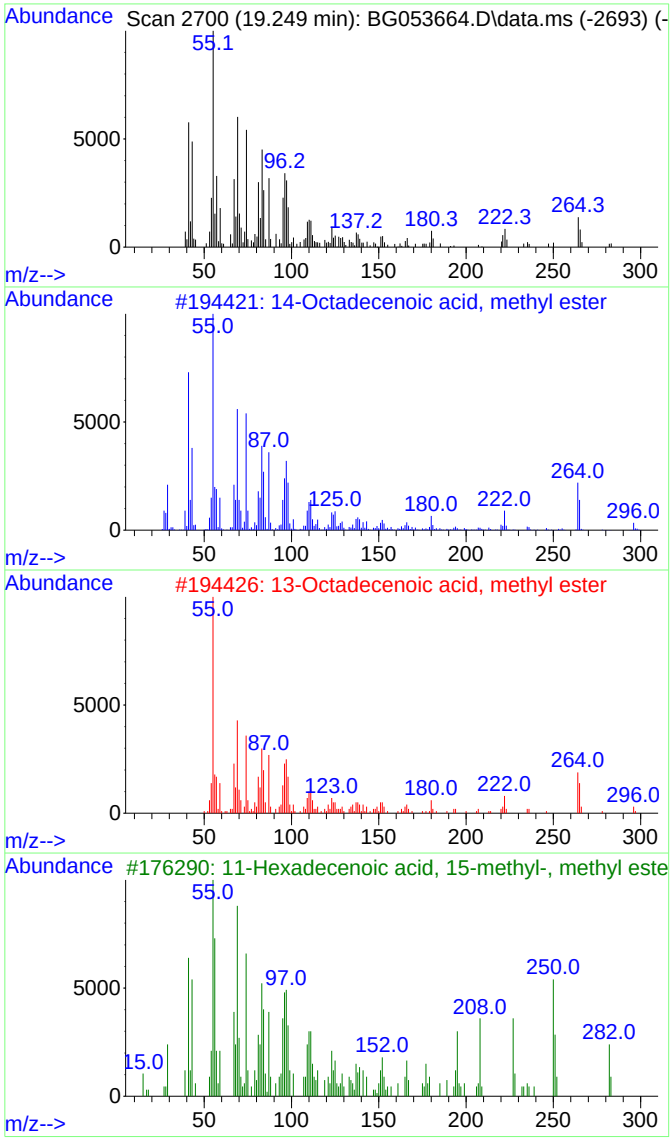
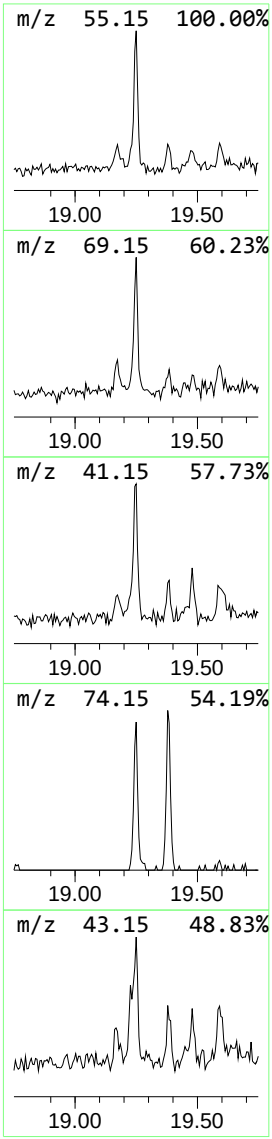
Peak Number 3 14-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.249	6.03 ng	157774	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87
3	11-Hexadecenoic acid, 15-methyl-...	282	C18H34O2	055044-54-7	87
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	83
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83





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Instrument :
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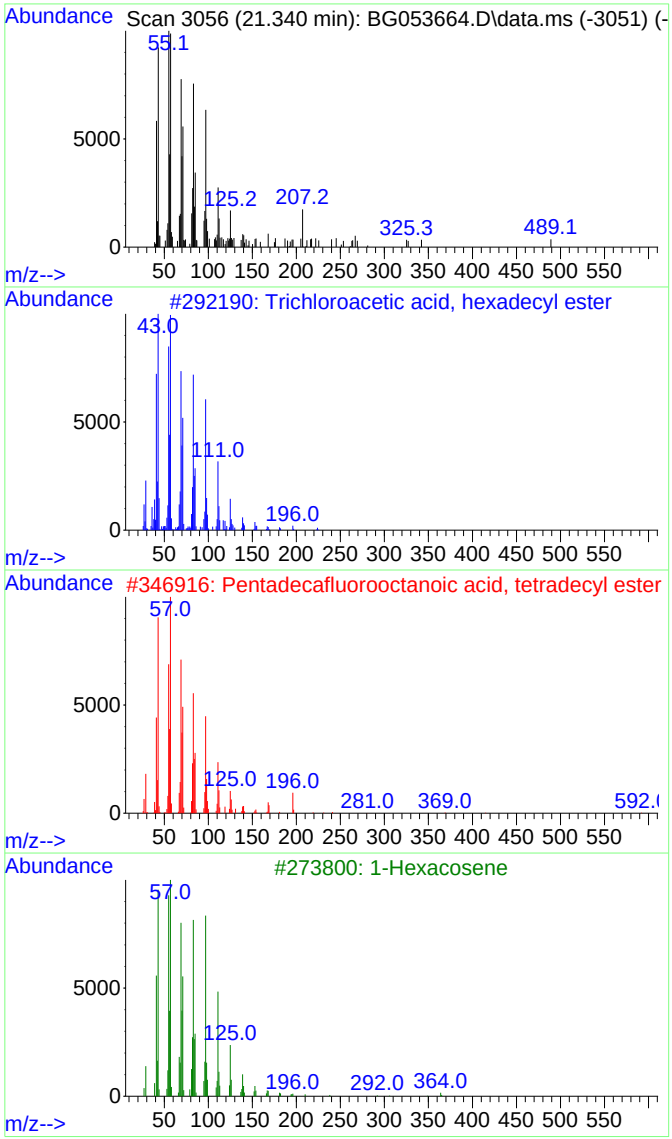
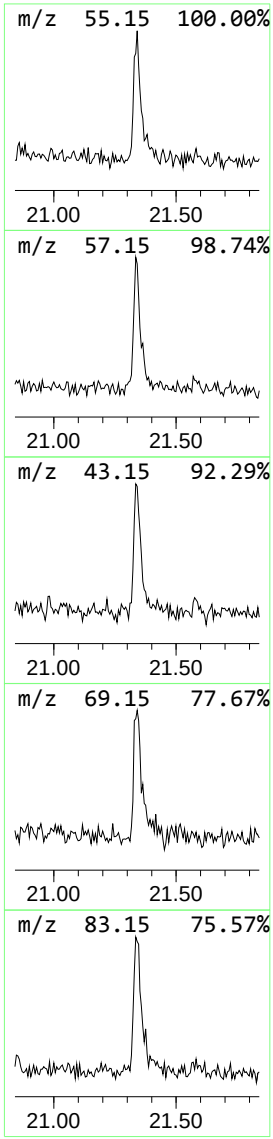
Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.340	3.77 ng	104977	Chrysene-d12	21.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Pentadecafluorooctanoic acid, te...	610	C22H29F15O2	1000406-04-4	91
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octacosane	16.383	2.1	ng	53948	4	17.434	523169	20.0
Tridecanoic acid	18.321	3.5	ng	92808	4	17.434	523169	20.0
14-Octadecenoic...	19.249	6.0	ng	157774	4	17.434	523169	20.0
Trichloroacetic...	21.340	3.8	ng	104977	5	21.711	557125	20.0