LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047338.D
Acq On : 23 Aug 2024 18:07
Operator : RC/JU
Sample : P3704-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LNG-Soil Pile

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047338.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.563	280	285	294	rVB	145337	205628	2.17%	0.433%
2	5.010	355	361	380	rBV	2258006	3439454	36.27%	7.246%
3	6.575	620	627	646	rBV	2021546	3416500	36.02%	7.198%
4	7.351	753	759	769	rBV	1077751	1656735	17.47%	3.490%
5	8.498	947	954	964	rBV	1363522	2268004	23.91%	4.778%
6	10.104	1219	1227	1234	rBV	1332548	2188452	23.08%	4.611%
7	10.881	1351	1359	1369	rBV3	44647	110329	1.16%	0.232%
8	12.616	1647	1654	1672	rBV	3081820	4694102	49.50%	9.890%
9	14.010	1883	1891	1906	rBV	1942047	2913036	30.72%	6.137%
10	15.521	2142	2148	2175	rBV	3155835	4896524	51.63%	10.316%
11	16.774	2355	2361	2366	rBV	2209270	3179847	33.53%	6.699%
12	16.815	2366	2368	2375	rVB	202910	276245	2.91%	0.582%
13	17.657	2506	2511	2515	rBV	98220	143839	1.52%	0.303%
14	17.715	2515	2521	2529	rBV2	763087	1136119	11.98%	2.394%
15	17.845	2539	2543	2547	rBV3	99022	168878	1.78%	0.356%
16	17.886	2547	2550	2560	rVB	90045	141134	1.49%	0.297%
17	18.592	2665	2670	2674	rBV2	102175	159978	1.69%	0.337%
18	18.651	2675	2680	2683	rVV4	67223	106127	1.12%	0.224%
19	18.856	2710	2715	2719	rBV	245125	358646	3.78%	0.756%
20	19.015	2737	2742	2749	rBV	400685	597326	6.30%	1.258%
21	19.221	2773	2777	2784	rVB	252933	367825	3.88%	0.775%
22	19.445	2809	2815	2825	rVB	7489494	9483835	100.00%	19.981%
23	20.750	3034	3037	3042	rBV2	308041	403343	4.25%	0.850%
24	21.015	3077	3082	3087	rBV2	1820871	2569859	27.10%	5.414%
25	23.709	3533	3540	3556	rVB	1041284	2582889	27.23%	5.442%

Sum of corrected areas: 47464654

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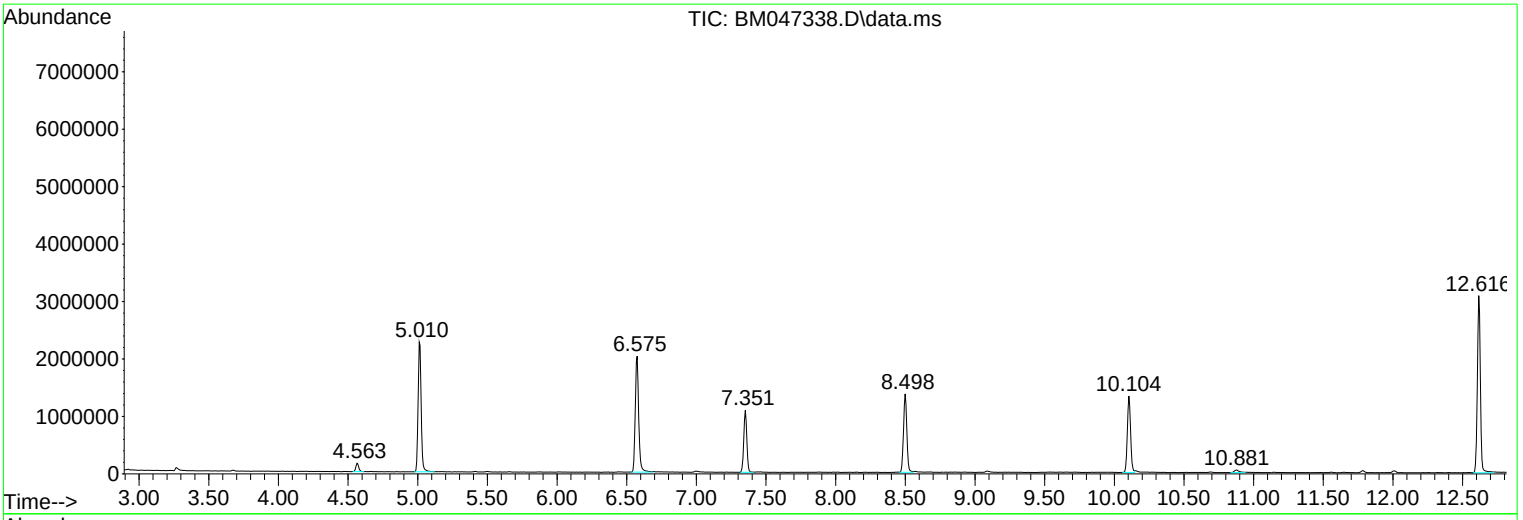
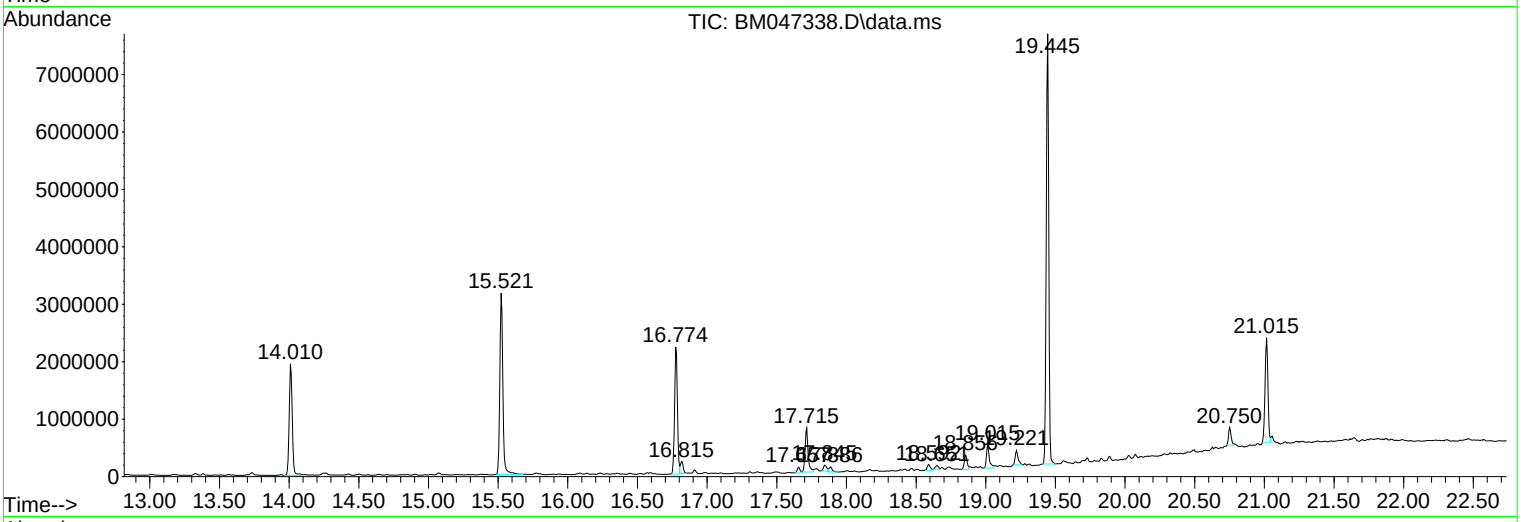
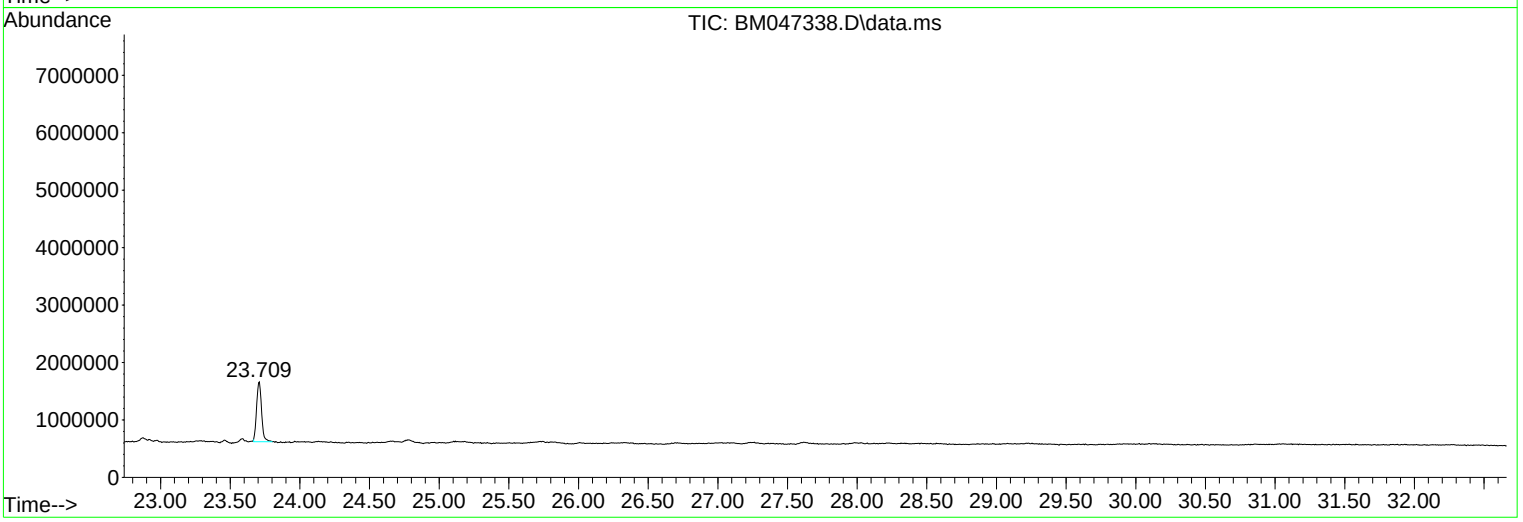
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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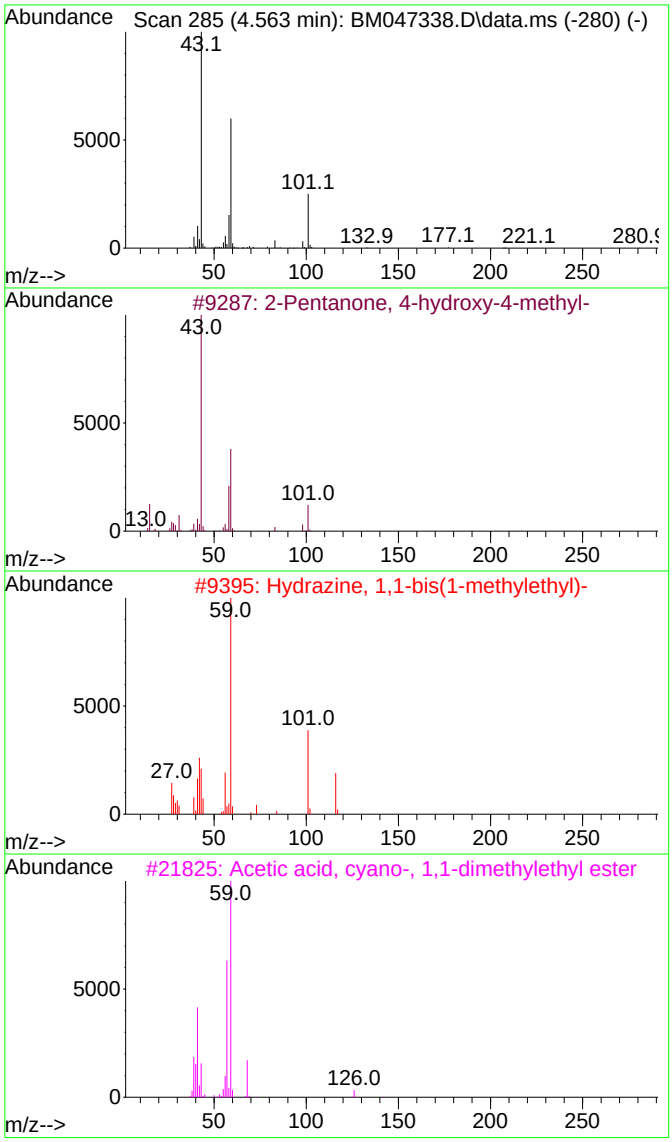
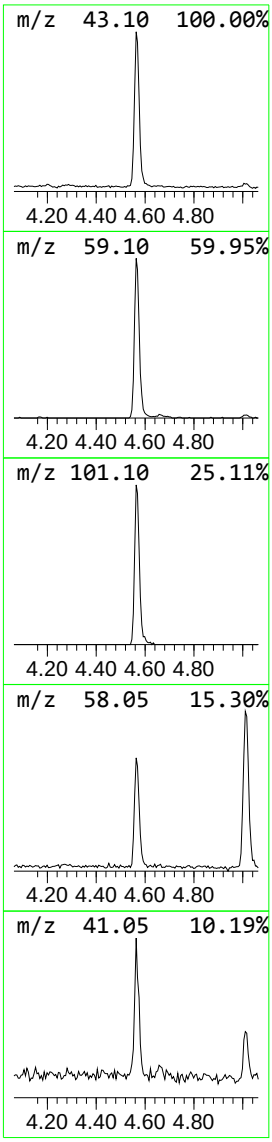
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.563	2.48 ng	205628	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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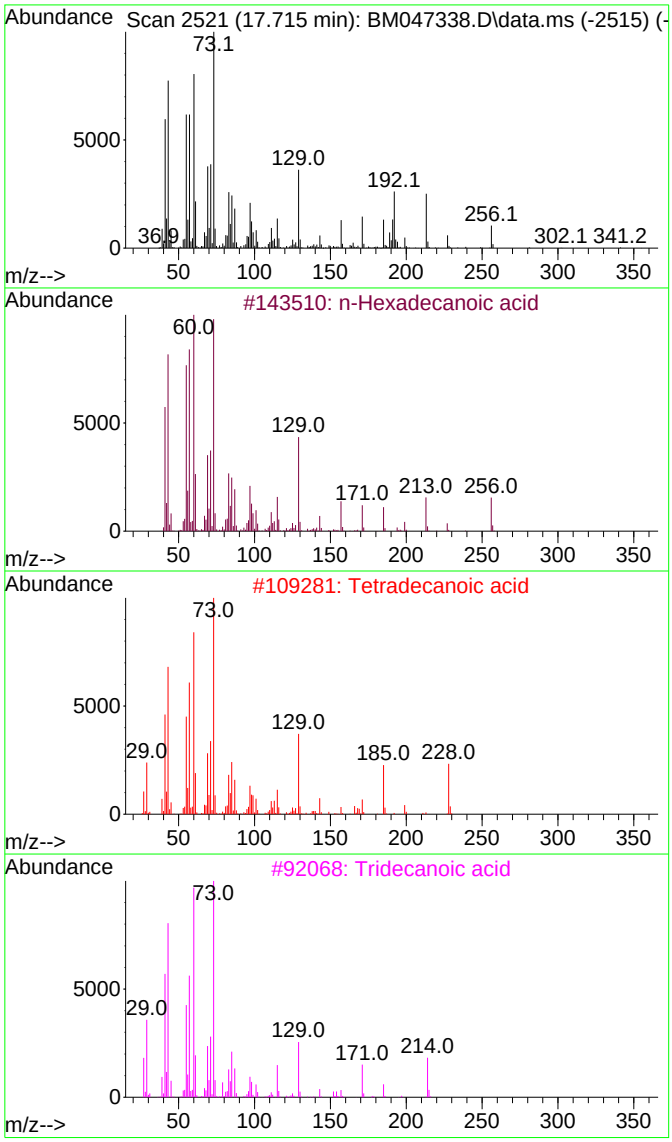
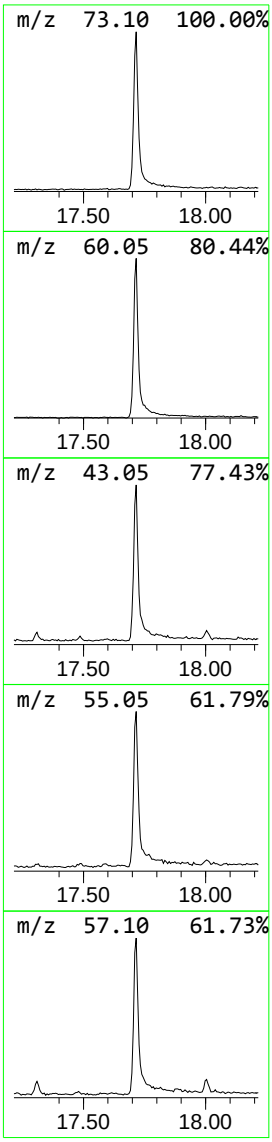
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.715	7.15 ng	1136120	Phenanthrene-d10	16.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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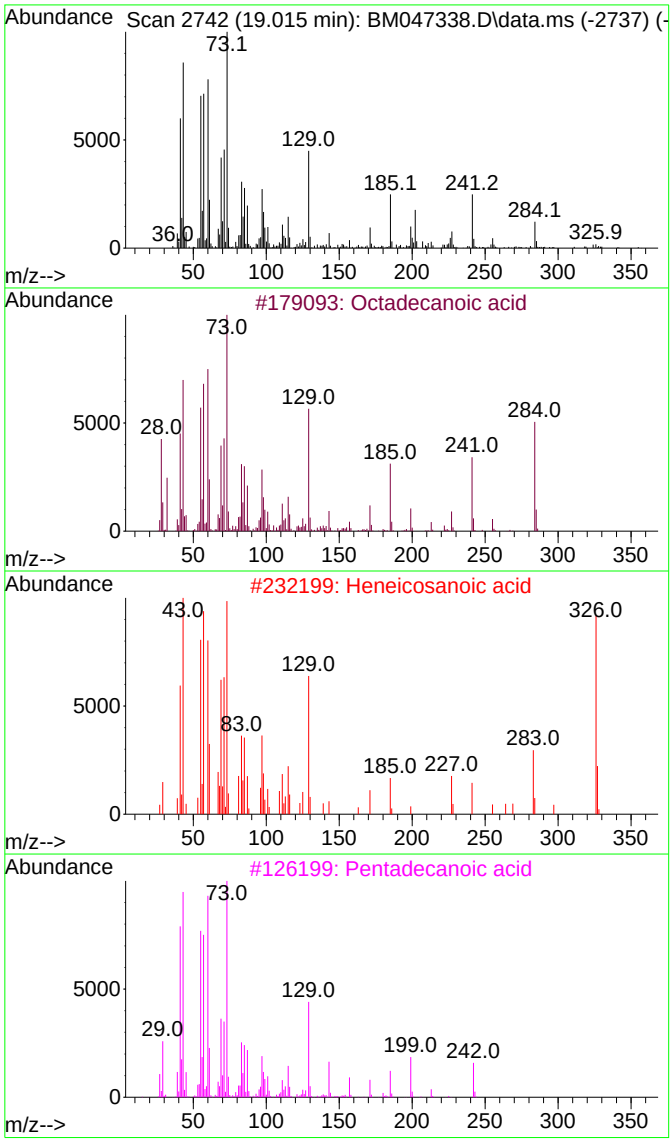
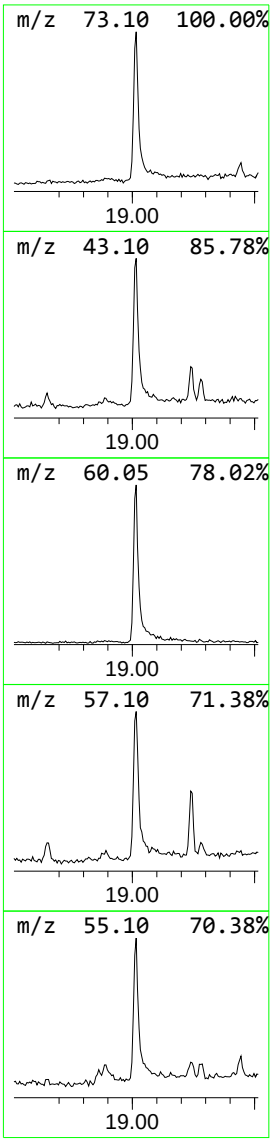
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.015	4.65 ng	597326	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Heneicosanoic acid	326	C21H42O2	002363-71-5	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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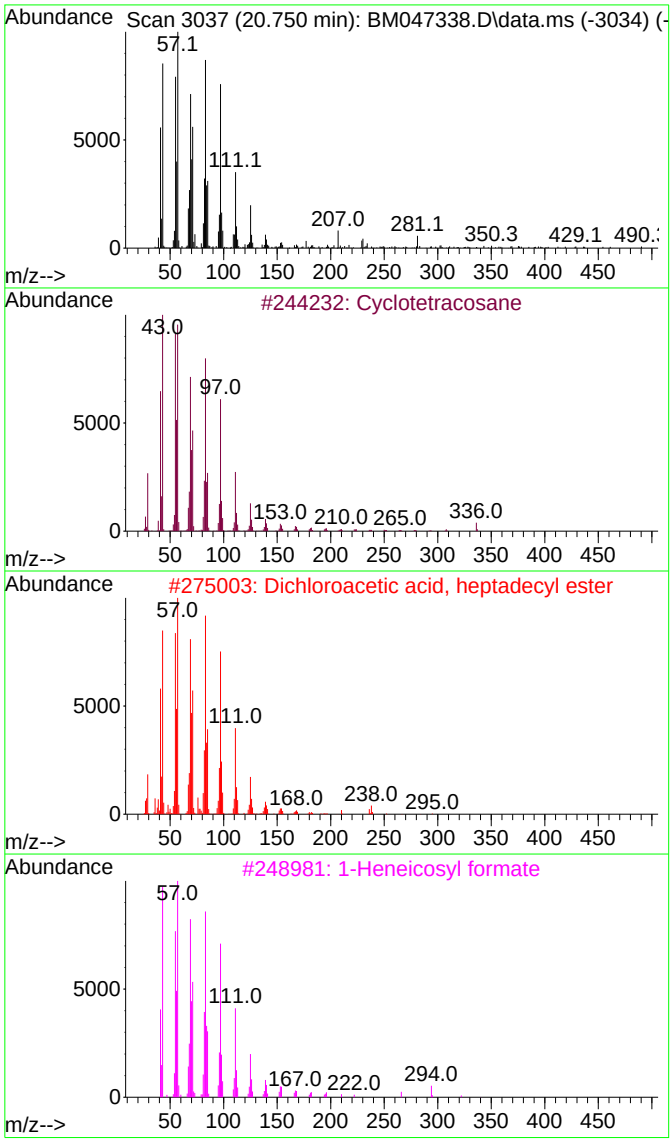
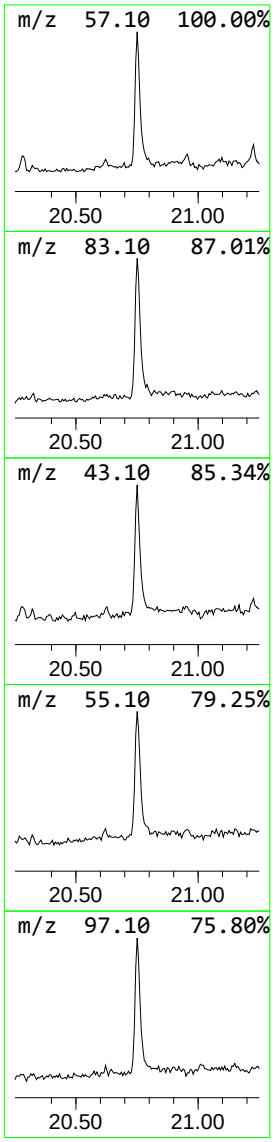
Peak Number 5 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.750	3.14 ng	403343	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	17-Pentatriacontene	491	C35H70	006971-40-0	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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-...	4.563	2.5	ng	205628	1	7.351	1656740	20.0
n-Hexadecanoic ...	17.715	7.2	ng	1136120	4	16.774	3179850	20.0
Octadecanoic acid	19.015	4.7	ng	597326	5	21.015	2569860	20.0
Cyclotetracosane	20.750	3.1	ng	403343	5	21.015	2569860	20.0