LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041243.D
Acq On : 02 Aug 2023 14:02
Operator : MA/JU
Sample : 03810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P3A

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	393	rBV	1744278	2545126	34.09%	6.170%
2	6.981	638	645	659	rBV	1814322	2848480	38.15%	6.906%
3	7.798	777	784	791	rBV	557484	872077	11.68%	2.114%
4	8.975	976	984	994	rBV	1105661	1807995	24.22%	4.383%
5	10.604	1253	1261	1273	rBV	813635	1345472	18.02%	3.262%
6	12.645	1603	1608	1615	rVB	114000	164823	2.21%	0.400%
7	13.080	1675	1682	1694	rBV	3285112	4547817	60.91%	11.025%
8	14.410	1903	1908	1912	rBV	116731	157497	2.11%	0.382%
9	14.463	1912	1917	1924	rVB	1343156	1927474	25.82%	4.673%
10	14.892	1980	1990	1999	rBV3	30891	80455	1.08%	0.195%
11	15.968	2166	2173	2180	rBV	3024029	4192674	56.15%	10.164%
12	17.121	2365	2369	2377	rBV5	45193	92050	1.23%	0.223%
13	17.221	2377	2386	2397	rBV	1858679	2743252	36.74%	6.651%
14	18.062	2525	2529	2534	rBV	266976	412964	5.53%	1.001%
15	18.127	2535	2540	2556	rVB	1462344	2173108	29.11%	5.268%
16	19.292	2734	2738	2740	rBV	119479	158836	2.13%	0.385%
17	19.404	2754	2757	2769	rBV	440870	726551	9.73%	1.761%
18	19.556	2780	2783	2787	rVB	118966	133247	1.78%	0.323%
19	19.656	2797	2800	2804	rBV	92219	113486	1.52%	0.275%
20	19.862	2829	2835	2840	rBV	6562729	7466366	100.00%	18.101%
21	21.133	3047	3051	3058	rVB	806803	1040389	13.93%	2.522%
22	21.333	3082	3085	3092	rVB	1327041	1385472	18.56%	3.359%
23	21.427	3097	3101	3106	rBV	1785164	2194986	29.40%	5.321%
24	23.803	3499	3505	3517	rVB	1072492	2117798	28.36%	5.134%

Sum of corrected areas: 41248395

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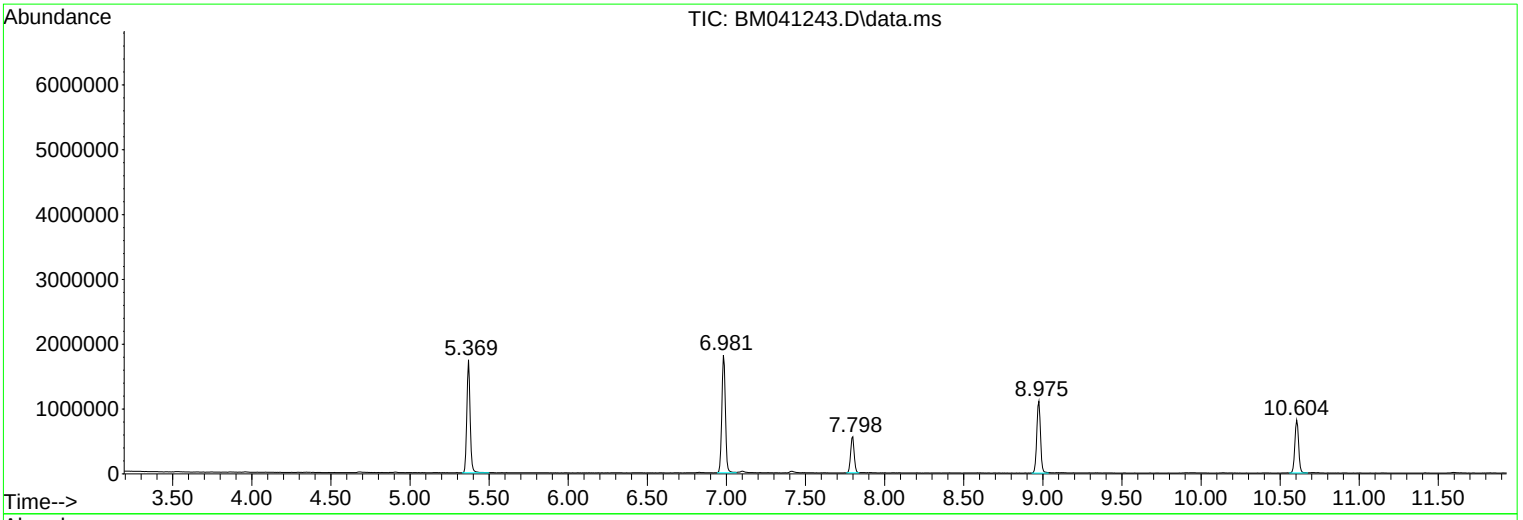
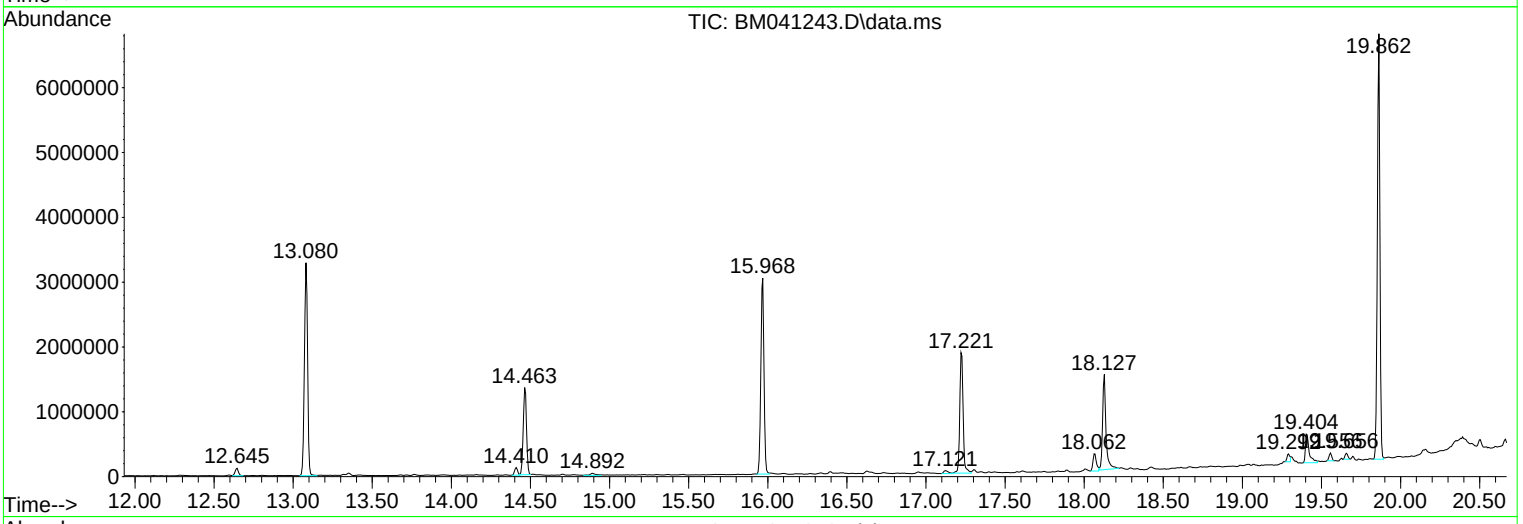
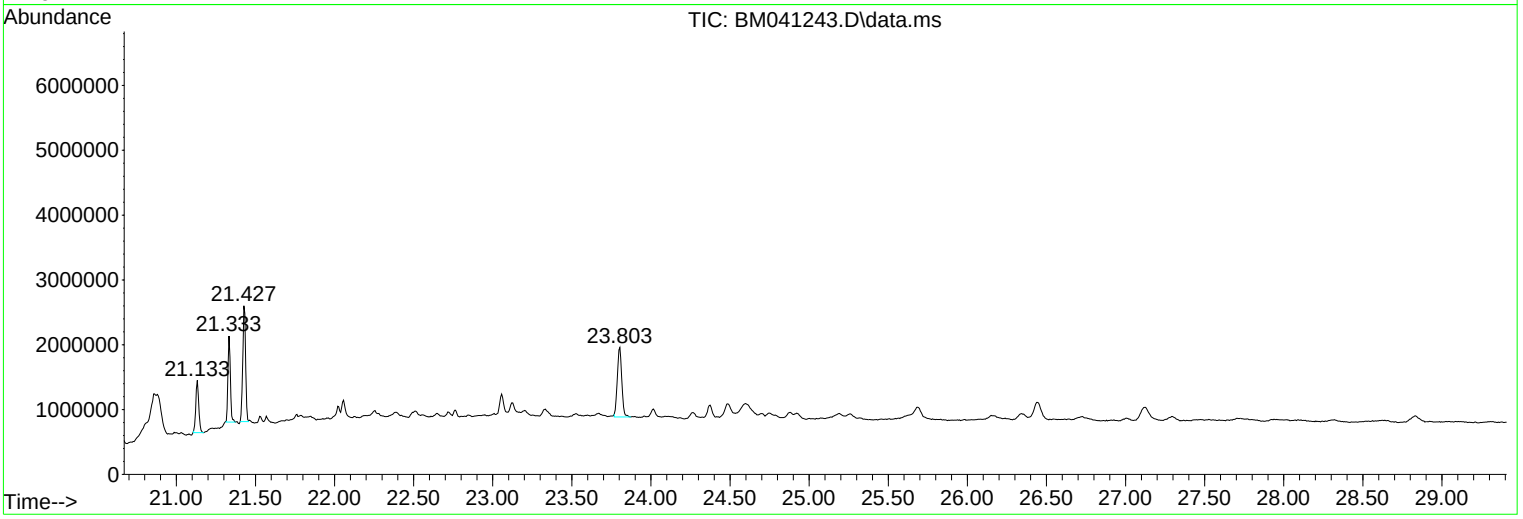
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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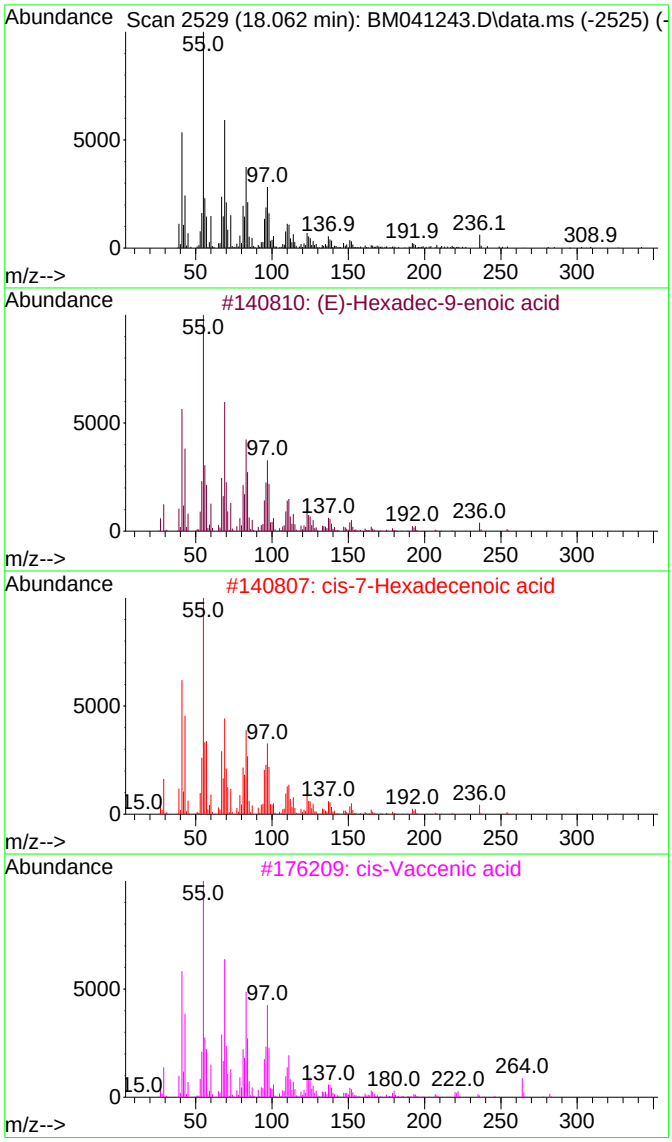
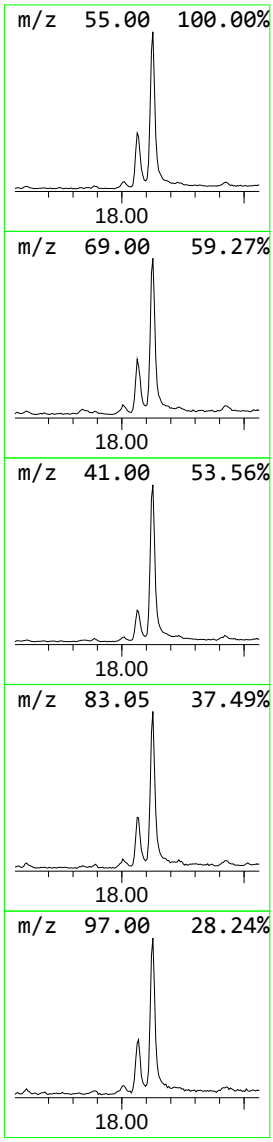
Peak Number 1 (E)-Hexadec-9-enoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	3.01 ng	412964	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	98
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	Palmitoleic acid	254	C16H30O2	000373-49-9	91
5	Myristoleic acid	226	C14H26O2	000544-64-9	91





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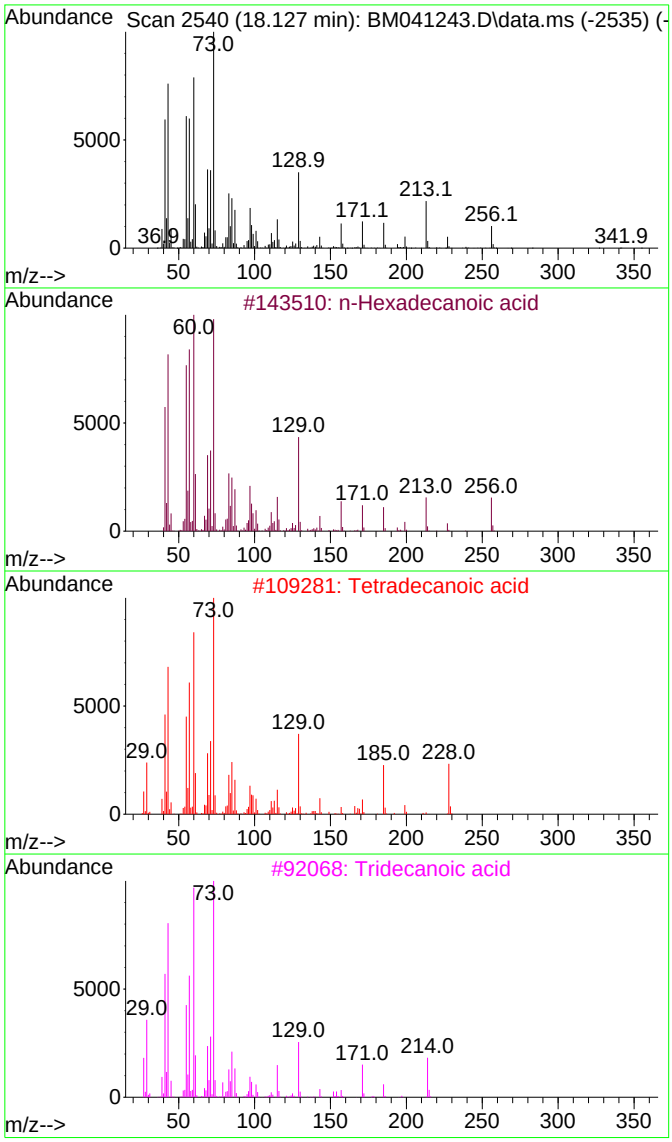
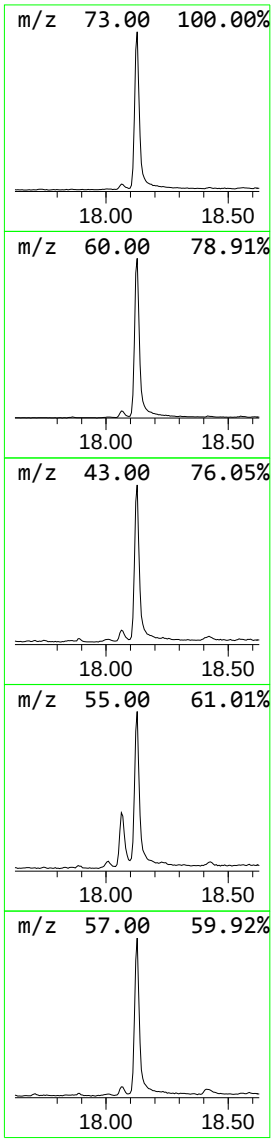
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	15.84 ng	2173110	Phenanthrene-d10	17.221

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Sample : 03810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P3A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
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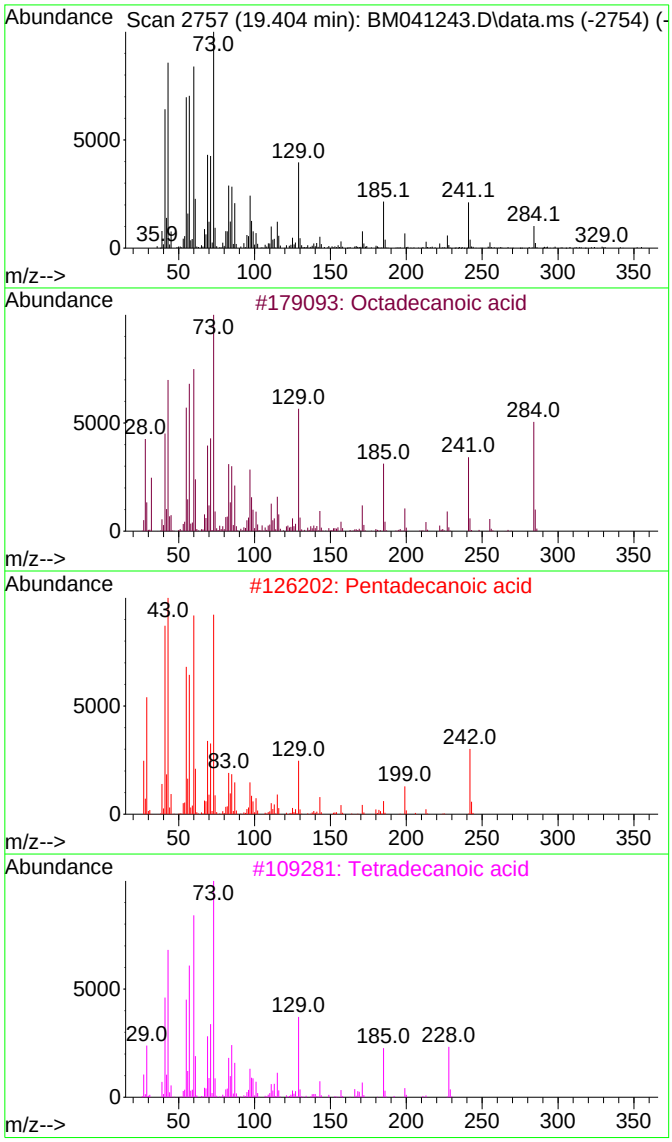
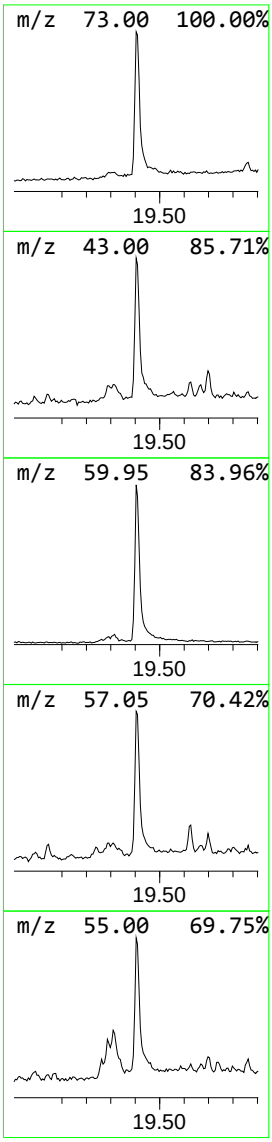
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	6.62 ng	726551	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25





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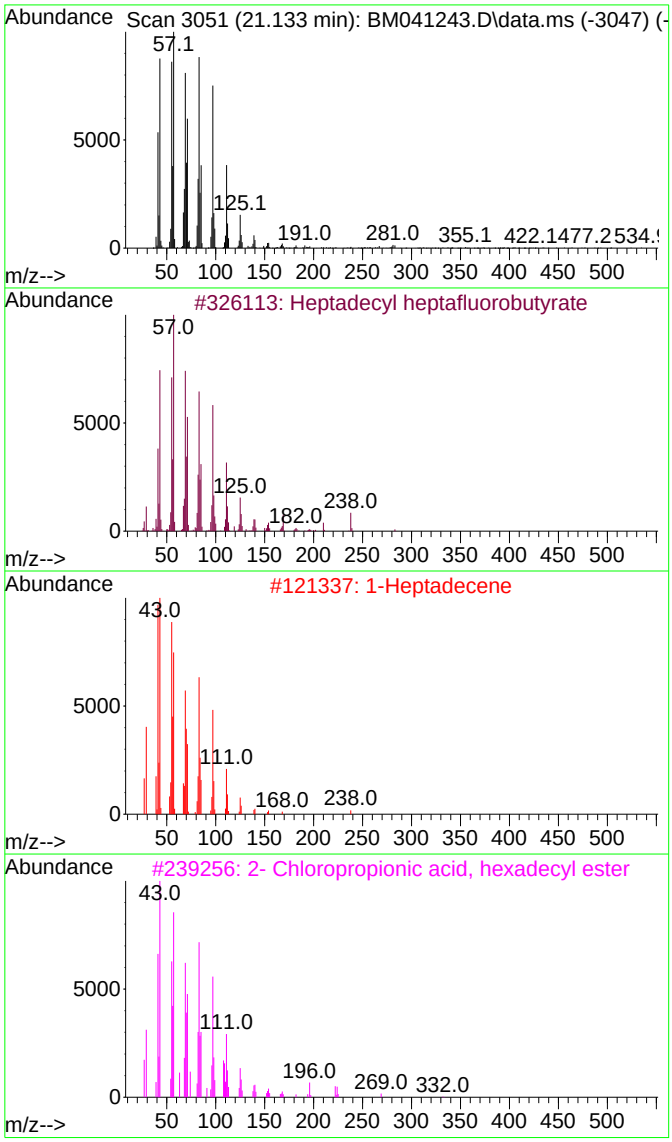
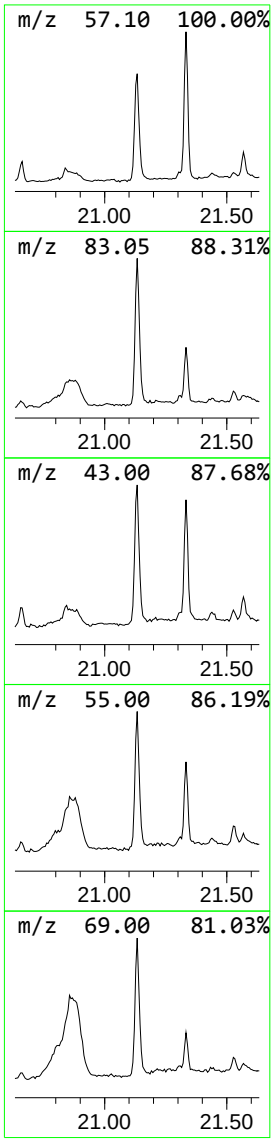
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	9.48 ng	1040390	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heptadecene	238	C17H34	006765-39-5	93
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	1-Hexacosanol	382	C26H54O	000506-52-5	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(E)-Hexadec-9-e...	18.063	3.0	ng	412964	4	17.221	2743250	20.0
n-Hexadecanoic ...	18.127	15.8	ng	2173110	4	17.221	2743250	20.0
Octadecanoic acid	19.404	6.6	ng	726551	5	21.427	2194990	20.0
Heptadecyl hept...	21.133	9.5	ng	1040390	5	21.427	2194990	20.0