LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134810.D
Acq On : 16 Aug 2023 15:54
Operator : CG\JU
Sample : 04022-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-24

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_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	564	569	572	rBV	3130187	2940872	93.26%	13.385%
2	6.434	734	739	742	rBV	2699775	2887938	91.58%	13.144%
3	6.798	798	801	805	rBV	1191457	958816	30.40%	4.364%
4	7.363	892	897	900	rBV	2086496	1838950	58.31%	8.370%
5	7.463	906	914	920	rBV	139361	197271	6.26%	0.898%
6	8.081	1015	1019	1022	rBV	1419170	1197773	37.98%	5.452%
7	9.157	1198	1202	1205	rBV	3794882	3153575	100.00%	14.353%
8	9.275	1218	1222	1225	rBV	43530	40530	1.29%	0.184%
9	9.833	1313	1317	1329	rBV	1338051	1149932	36.46%	5.234%
10	10.622	1447	1451	1465	rBV	1603630	1572370	49.86%	7.157%
11	11.322	1567	1570	1574	rBV	1015220	969260	30.74%	4.412%
12	11.857	1658	1661	1671	rBV	258409	267675	8.49%	1.218%
13	12.539	1772	1777	1782	rBV	77188	75990	2.41%	0.346%
14	12.645	1791	1795	1802	rBV4	42254	56079	1.78%	0.255%
15	12.769	1813	1816	1819	rVB	75729	63045	2.00%	0.287%
16	12.921	1837	1842	1845	rBV	2988309	2679613	84.97%	12.196%
17	13.157	1878	1882	1887	rBV3	26755	36089	1.14%	0.164%
18	13.404	1920	1924	1930	rBV	99367	109616	3.48%	0.499%
19	13.833	1993	1997	2006	rBV	172842	277140	8.79%	1.261%
20	13.974	2016	2021	2024	rBV	920933	832331	26.39%	3.788%
21	14.457	2100	2103	2105	rBV2	39355	38428	1.22%	0.175%
22	14.839	2165	2168	2174	rBV	41535	44380	1.41%	0.202%
23	15.015	2195	2198	2201	rBV2	27536	40516	1.28%	0.184%
24	15.451	2267	2272	2277	rBV	407403	542638	17.21%	2.470%

Sum of corrected areas: 21970827

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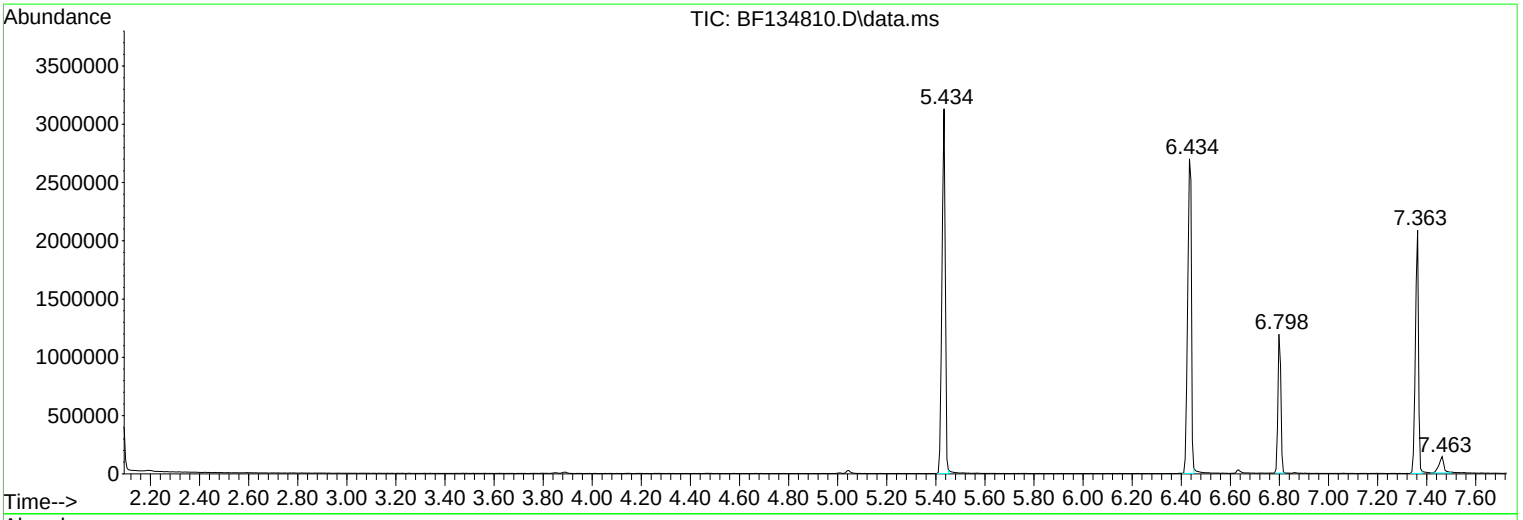
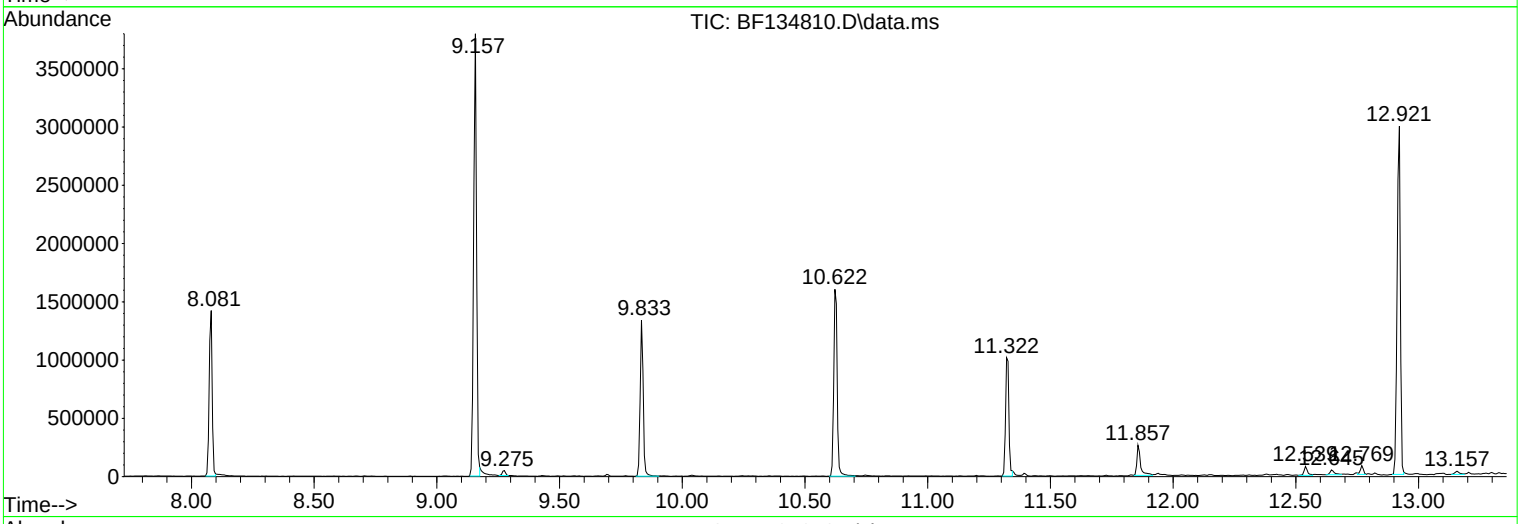
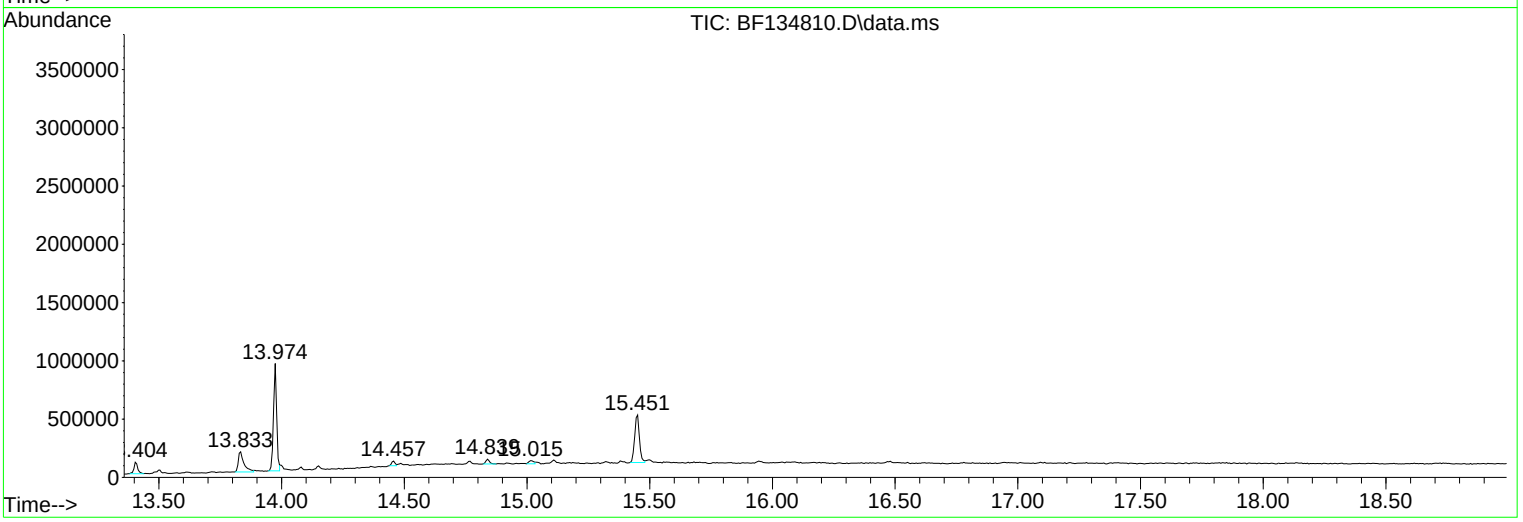
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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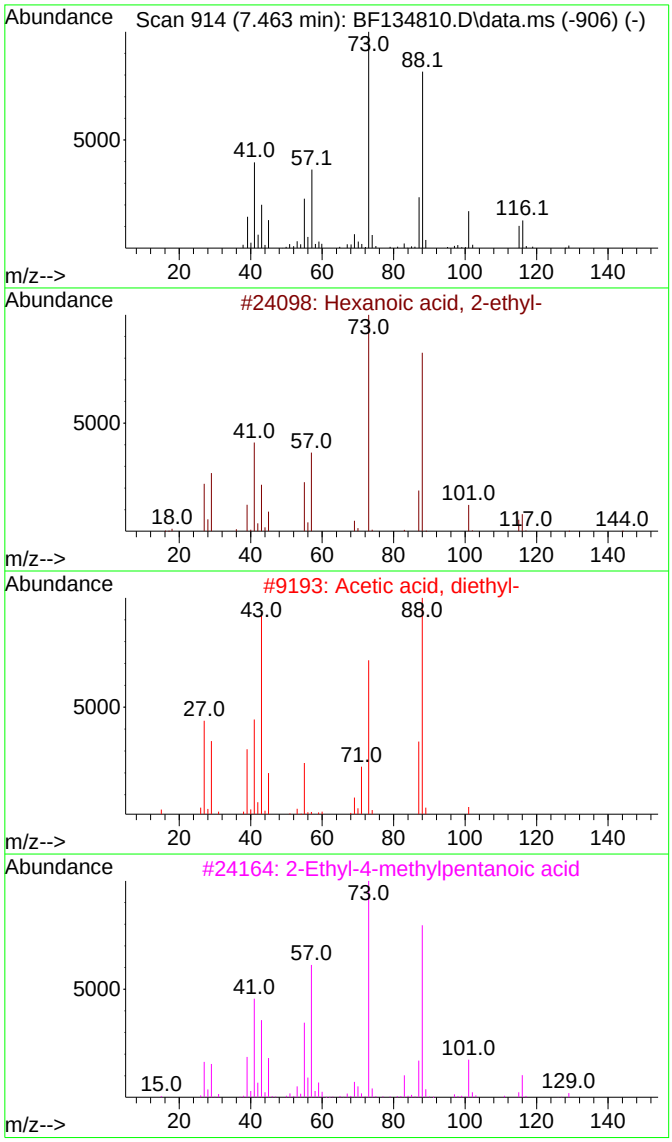
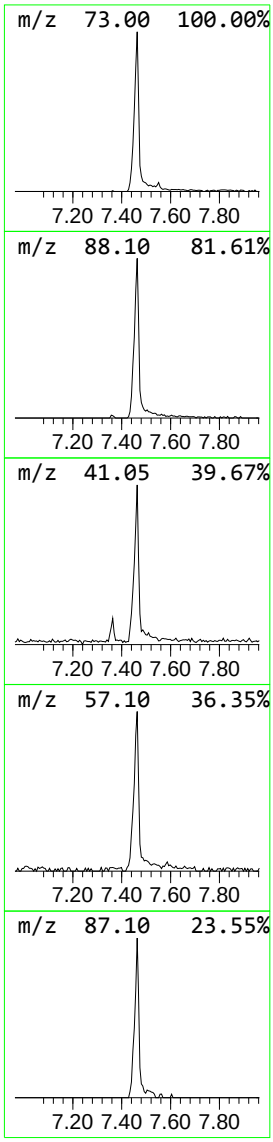
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	3.29 ng	197271	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	43
4	1,4-Dioxane	88	C4H8O2	000123-91-1	43
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	42





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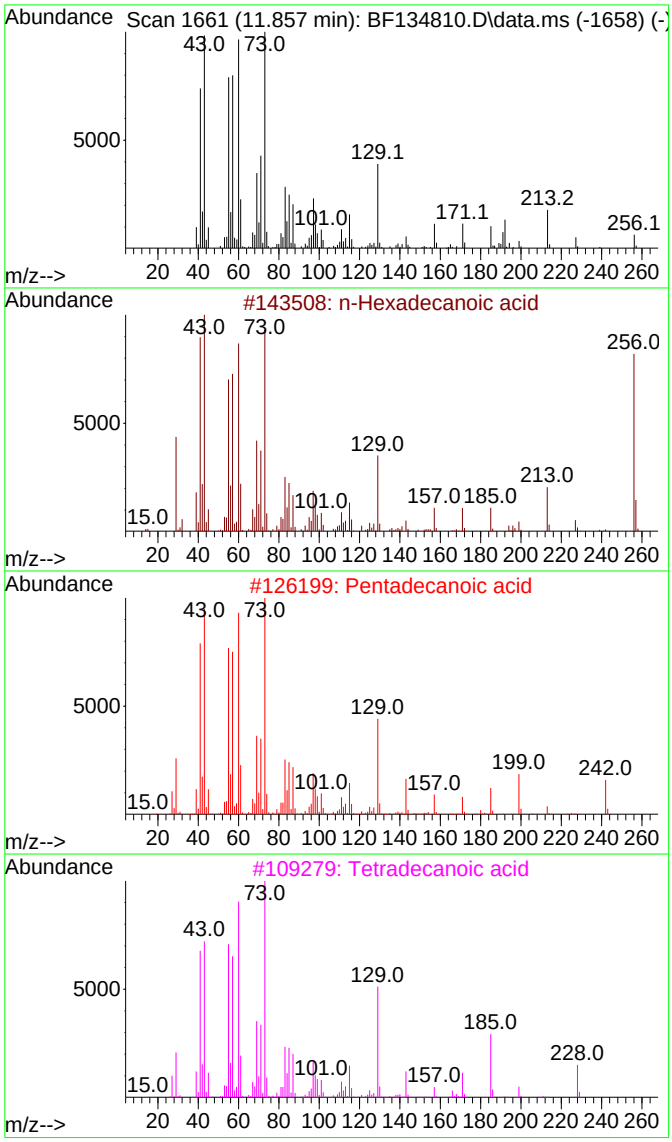
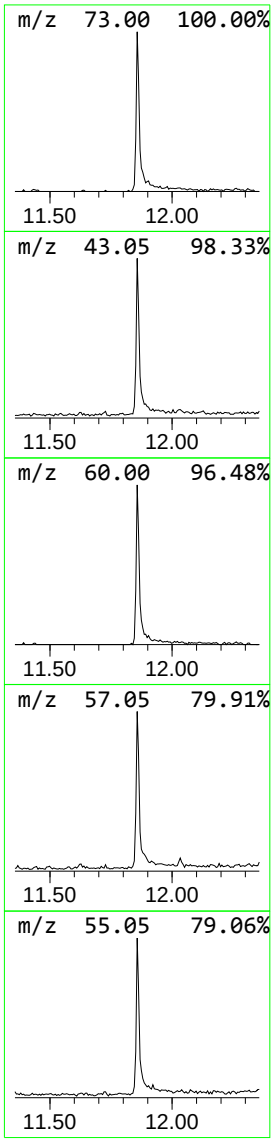
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	5.52 ng	267675	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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BNA_F
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TIC Library : C:\Database\NIST20.L
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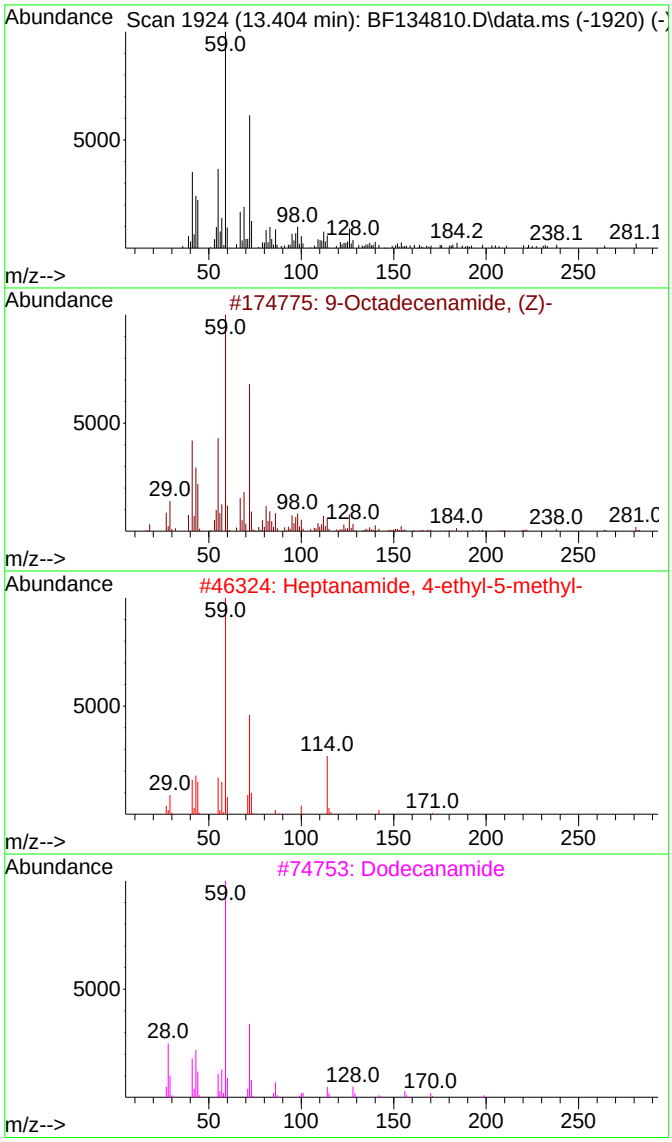
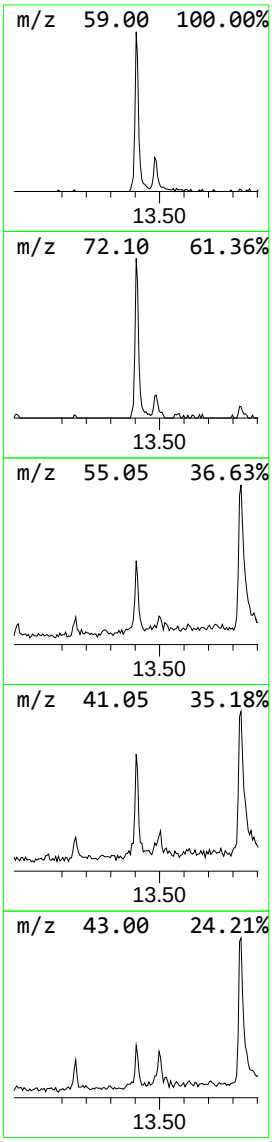
Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	2.63 ng	109616	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
3	Dodecanamide	199	C12H25NO	001120-16-7	59
4	Nonanamide	157	C9H19NO	001120-07-6	52
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50





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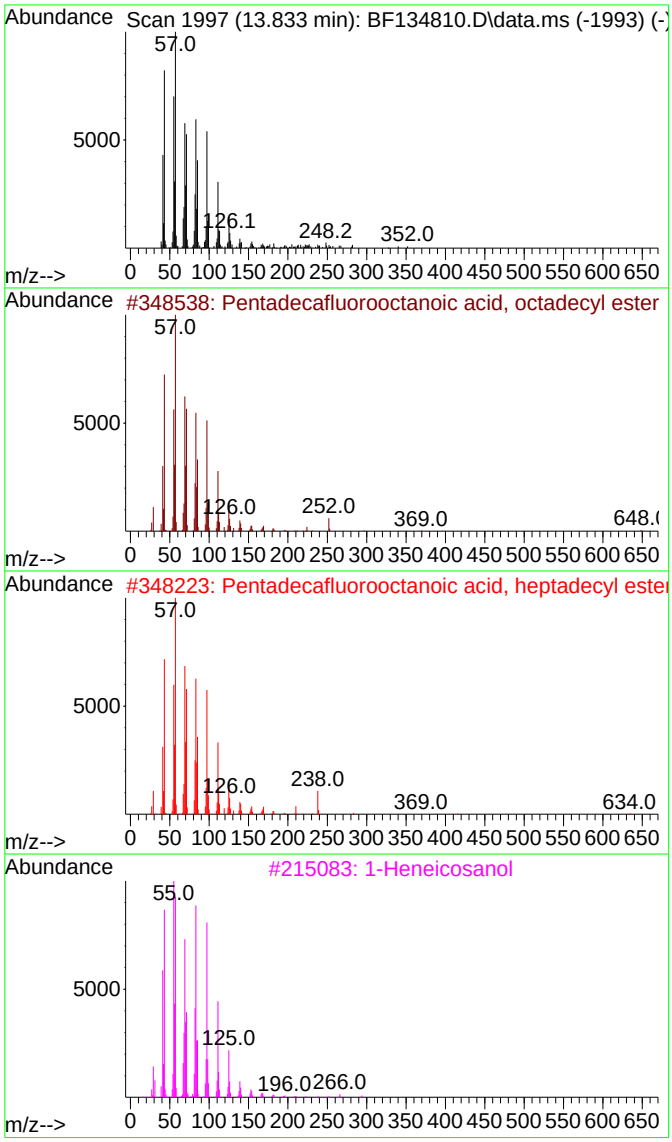
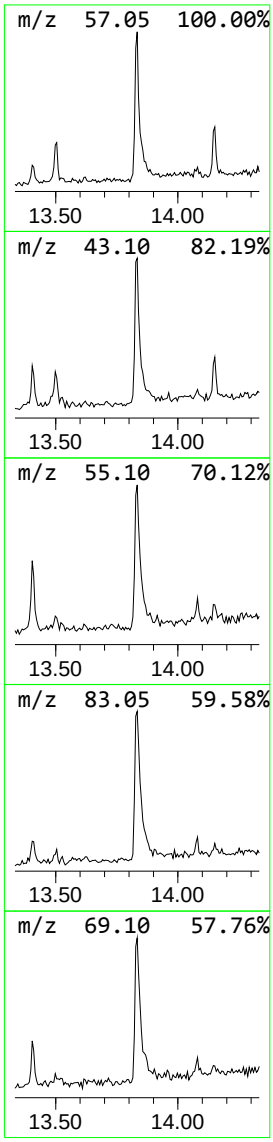
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	6.66 ng	277140	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Pentadecafluorooctanoic acid, he...	652	C25H35F15O2	1000406-04-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	1-Octadecene	252	C18H36	000112-88-9	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	7.463	3.3	ng	197271	2	8.081	1197770	20.0
n-Hexadecanoic ...	11.857	5.5	ng	267675	4	11.327	969260	20.0
9-Octadecenamid...	13.404	2.6	ng	109616	5	13.974	832331	20.0
Pentadecafluoro...	13.833	6.7	ng	277140	5	13.974	832331	20.0