LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132746.D
Acq On : 10 Mar 2023 17:39
Operator : CG\JU
Sample : 01857-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-70-1

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	340	344	350	rBV	53639	61104	1.19%	0.160%
2	5.216	441	447	456	rBV	2057084	2599356	50.66%	6.800%
3	5.610	510	514	529	rBV	4322604	4250723	82.85%	11.120%
4	5.993	575	579	583	rBV	114167	93809	1.83%	0.245%
5	6.610	679	684	687	rBV	4226131	4183939	81.55%	10.946%
6	6.975	743	746	750	rBV	1432935	1278226	24.91%	3.344%
7	7.546	838	843	846	rBV	3101499	2827098	55.10%	7.396%
8	8.263	961	965	968	rBV	2102704	1626601	31.70%	4.255%
9	9.340	1144	1148	1151	rBV	5947261	5130622	100.00%	13.422%
10	10.022	1261	1264	1268	rBV	2232445	1923813	37.50%	5.033%
11	10.739	1382	1386	1389	rVB	1016993	858753	16.74%	2.247%
12	10.822	1395	1400	1403	rBV	3270730	3203205	62.43%	8.380%
13	11.522	1515	1519	1522	rBV	2242883	1938674	37.79%	5.072%
14	12.033	1602	1606	1610	rBV	302393	336622	6.56%	0.881%
15	12.280	1643	1648	1652	rBV	65516	63330	1.23%	0.166%
16	12.739	1722	1726	1734	rBV	61650	74512	1.45%	0.195%
17	12.822	1737	1740	1754	rVV3	50810	88630	1.73%	0.232%
18	12.969	1761	1765	1767	rBV2	49059	57122	1.11%	0.149%
19	13.110	1785	1789	1792	rBV	4903653	4568774	89.05%	11.953%
20	13.669	1879	1884	1886	rBV2	59113	60109	1.17%	0.157%
21	13.998	1936	1940	1955	rBV	278905	526652	10.26%	1.378%
22	14.180	1967	1971	1974	rBV	1191234	1082505	21.10%	2.832%
23	15.310	2160	2163	2170	rVB	51549	59770	1.16%	0.156%
24	15.721	2228	2233	2245	rVB2	1007420	1330454	25.93%	3.481%

Sum of corrected areas: 38224403

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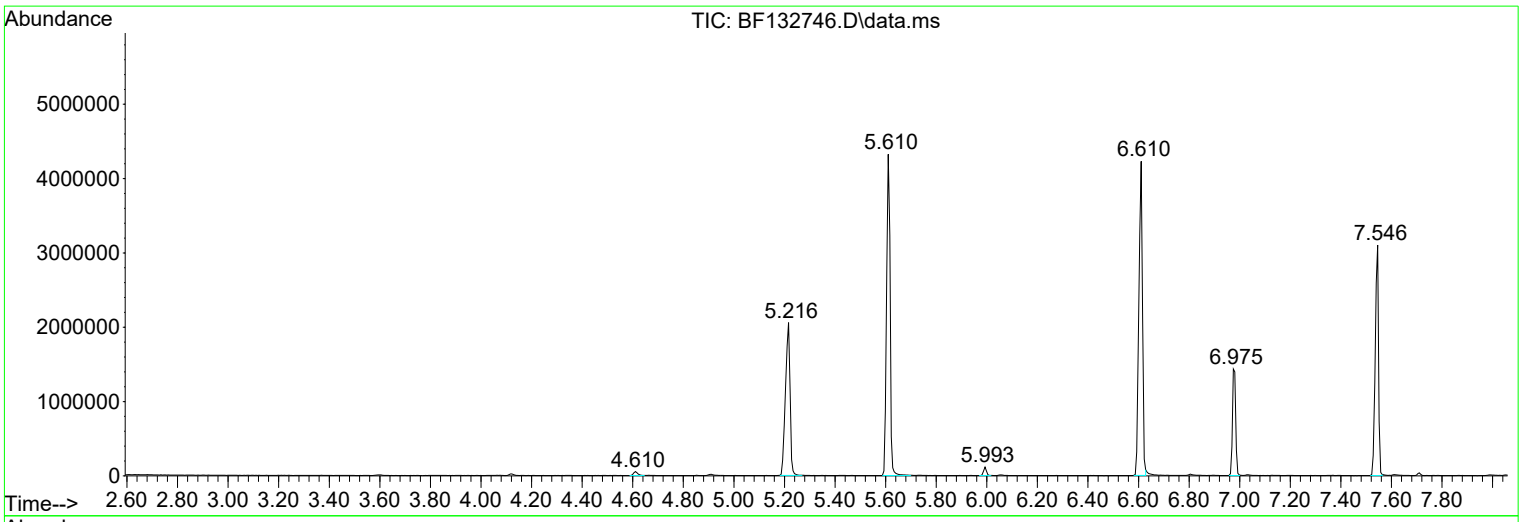
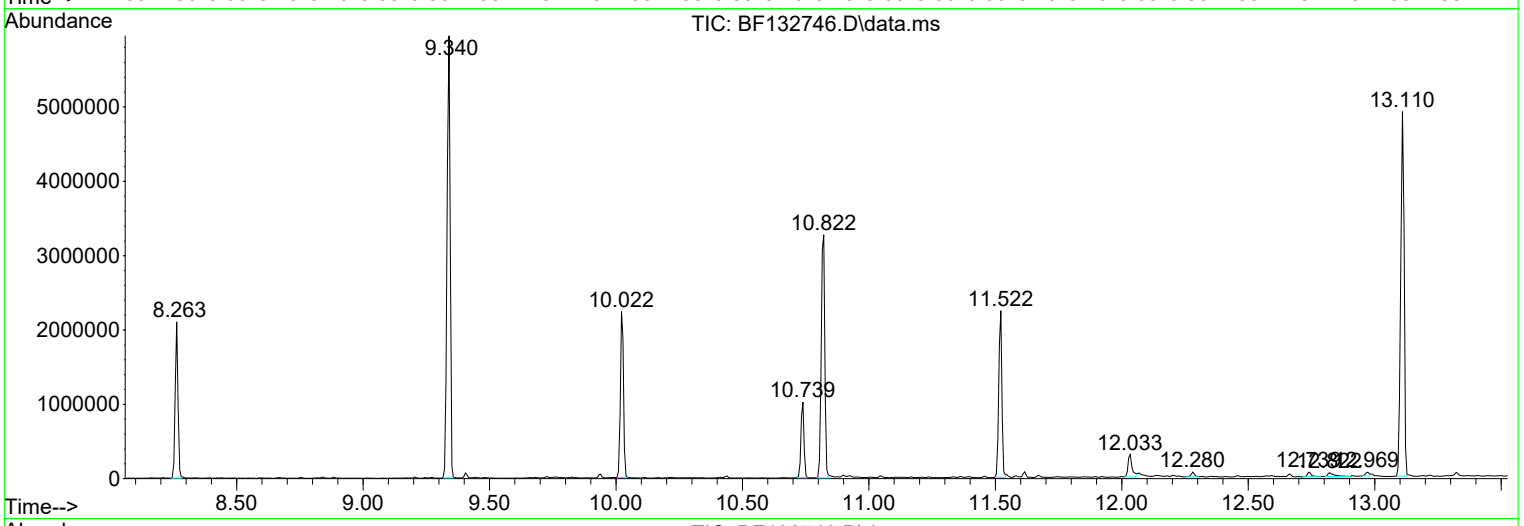
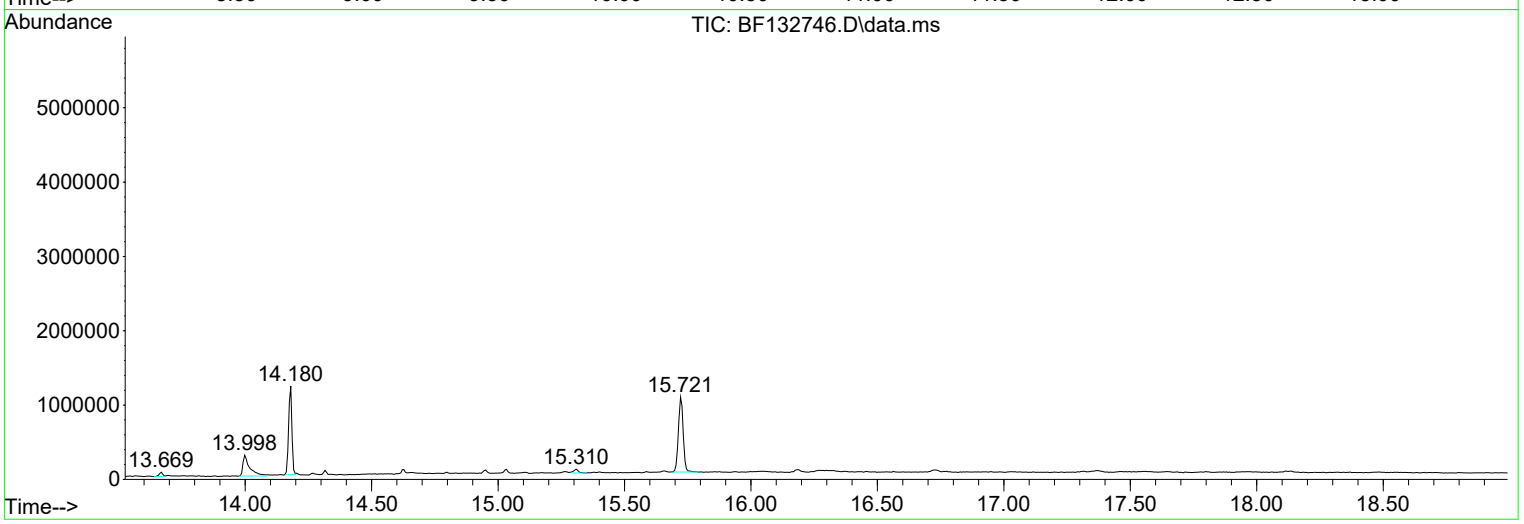
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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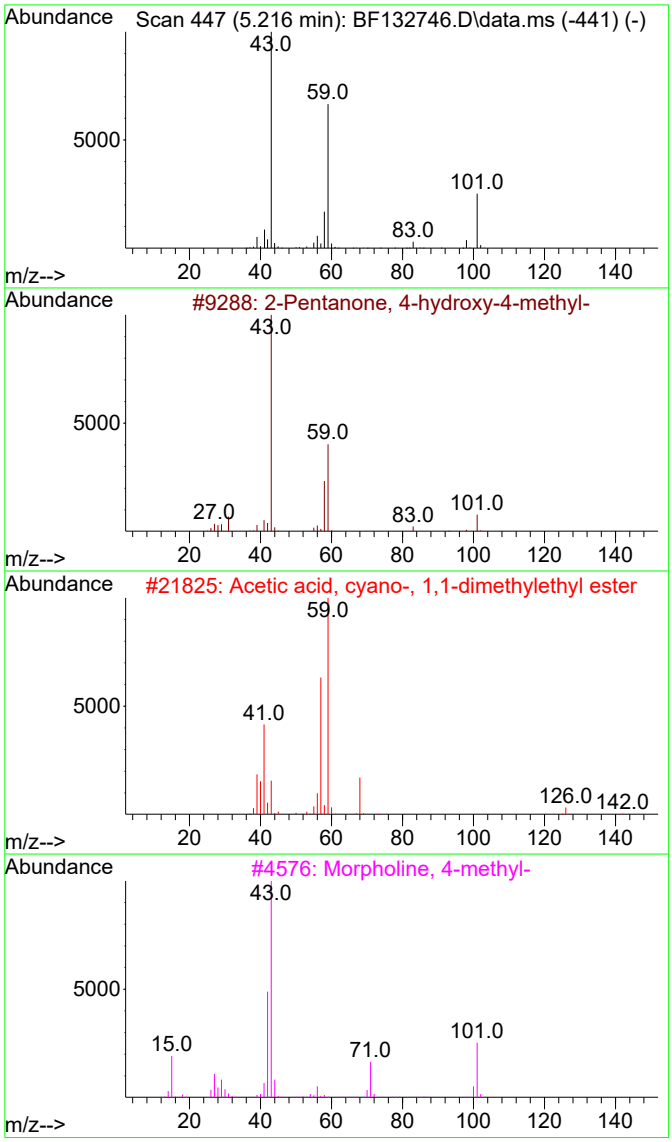
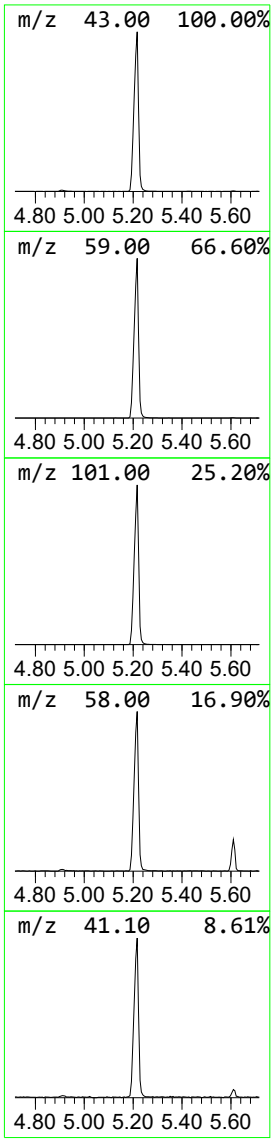
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	40.67 ng	2599360	1,4-Dichlorobenzene-d4	6.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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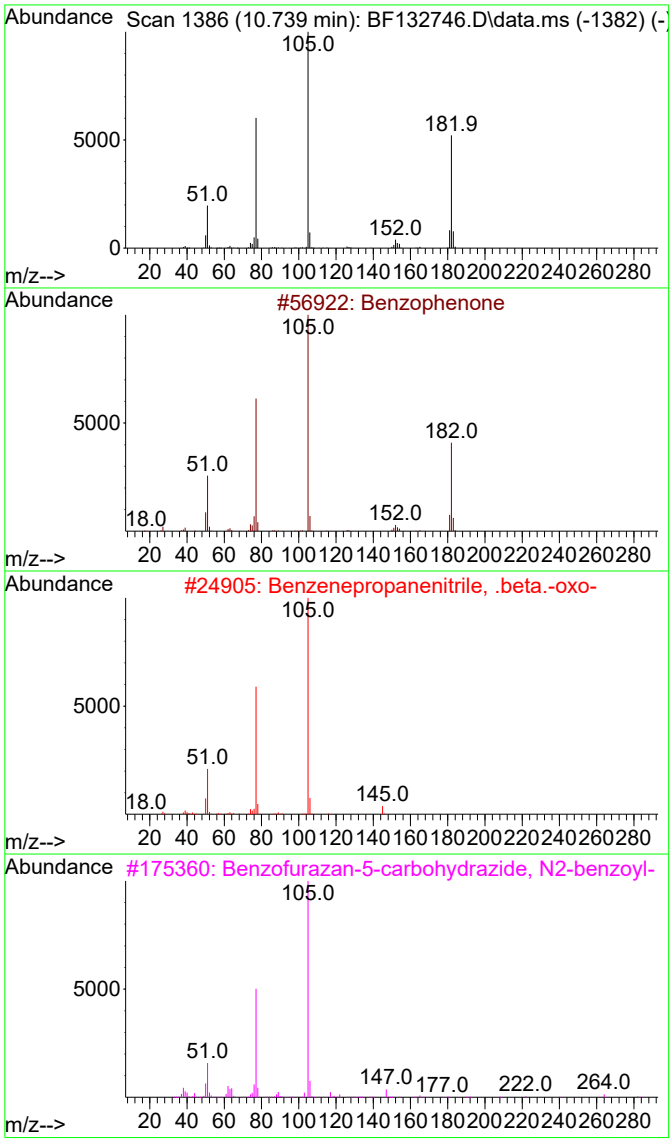
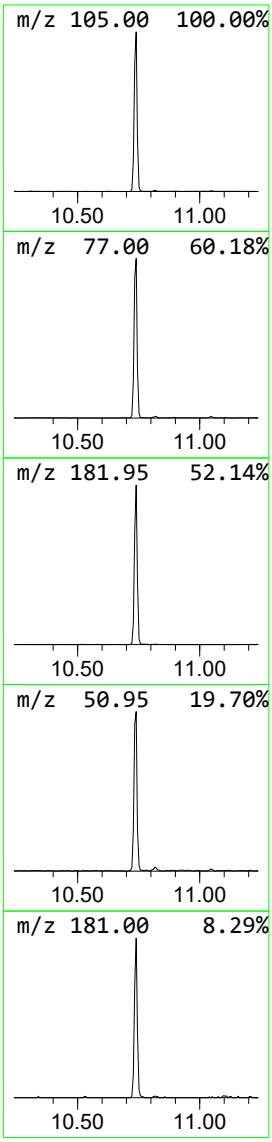
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	8.93 ng	858753	Acenaphthene-d10	10.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
3	Benzofurazan-5-carbohydrazide, N...	282	C14H10N4O3	1000272-94-4	47
4	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47





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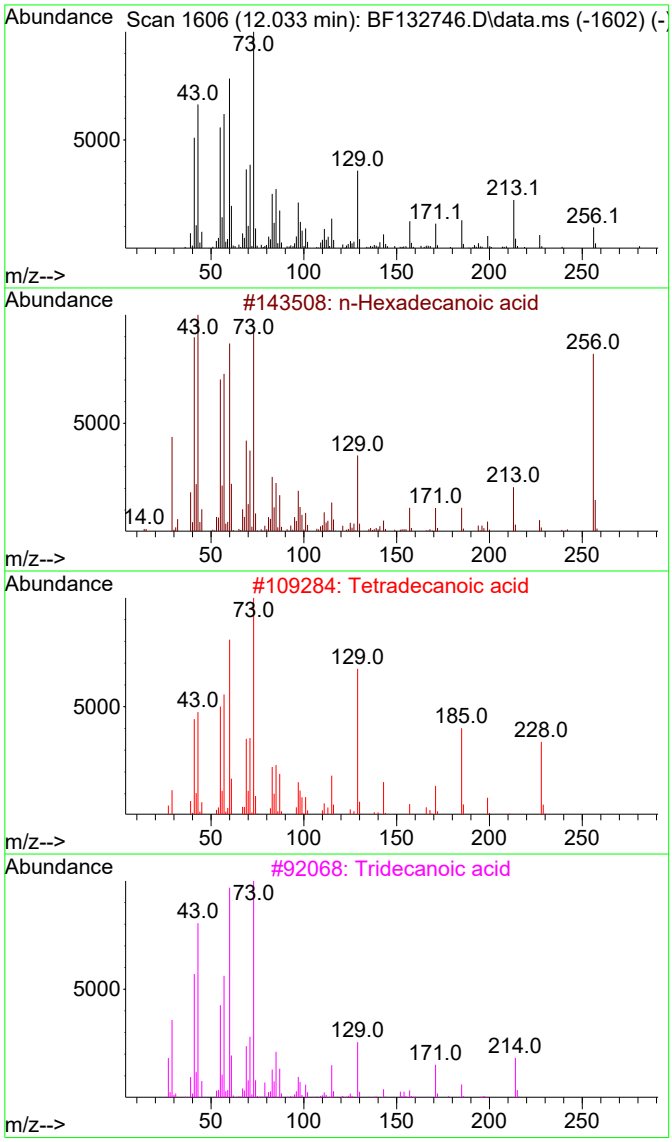
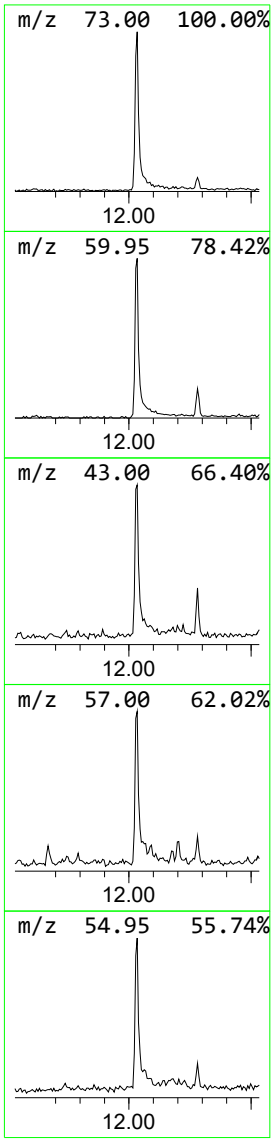
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	3.47 ng	336622	Phenanthrene-d10	11.522

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	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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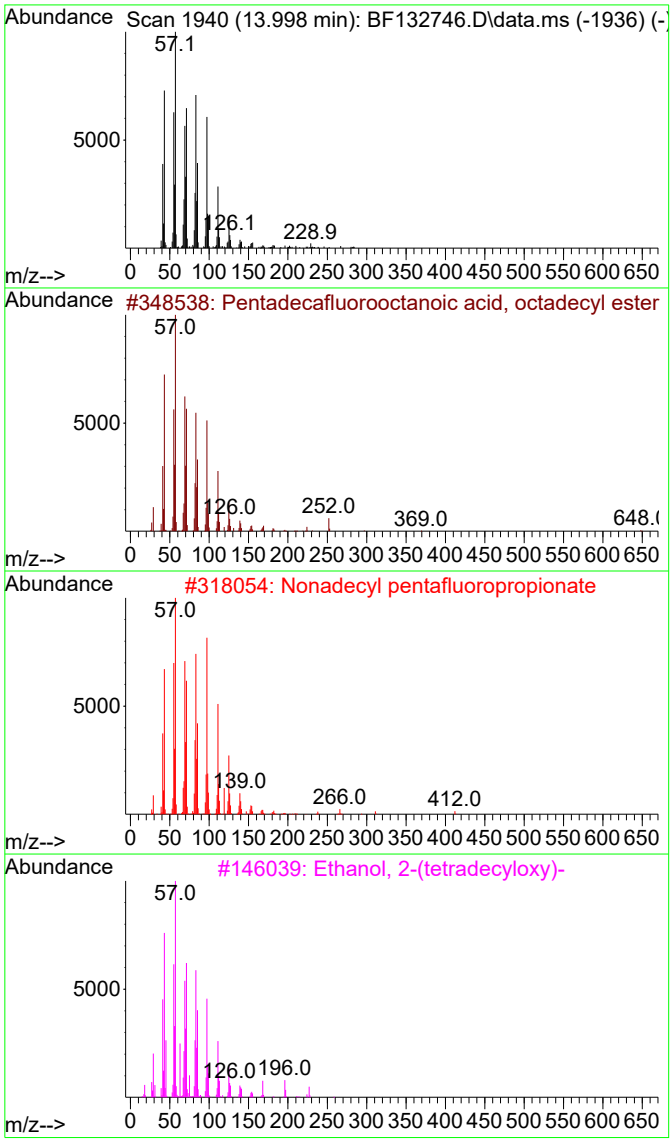
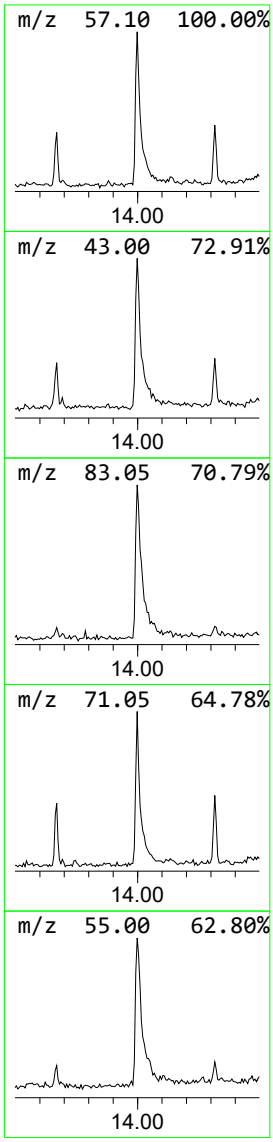
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.998	9.73 ng	526652	Chrysene-d12	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	89





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-...	5.216	40.7	ng	2599360	1	6.981	1278230	20.0
Benzophenone	10.739	8.9	ng	858753	3	10.022	1923810	20.0
n-Hexadecanoic ...	12.033	3.5	ng	336622	4	11.522	1938670	20.0
Pentadecafluoro...	13.998	9.7	ng	526652	5	14.180	1082510	20.0