LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142654.D
Acq On : 06 Jun 2025 19:02
Operator : RC/JU
Sample : Q2207-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-02

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142654.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	508	rBV	221290	336739	12.27%	1.819%
2	5.510	558	564	569	rBV	1769432	2349716	85.61%	12.691%
3	6.522	729	736	741	rBV	1895949	2744652	100.00%	14.824%
4	6.892	794	799	804	rBV	562354	685832	24.99%	3.704%
5	7.451	888	894	904	rBV	951277	1306793	47.61%	7.058%
6	7.710	933	938	950	rVB	33094	46404	1.69%	0.251%
7	8.175	1012	1017	1032	rBV	691258	906960	33.04%	4.899%
8	8.392	1050	1054	1063	rVB	21016	29386	1.07%	0.159%
9	9.251	1194	1200	1205	rBV	1649794	2039808	74.32%	11.017%
10	9.933	1311	1316	1330	rVB	810883	998772	36.39%	5.394%
11	10.645	1432	1437	1445	rBV	227936	286125	10.42%	1.545%
12	10.721	1445	1450	1467	rVV	1466612	1955726	71.26%	10.563%
13	11.421	1564	1569	1576	rBV	643485	817723	29.79%	4.417%
14	11.945	1652	1658	1678	rBV2	127763	222666	8.11%	1.203%
15	12.727	1786	1791	1803	rBV	23636	44955	1.64%	0.243%
16	13.010	1833	1839	1844	rBV	1739448	2224813	81.06%	12.016%
17	13.904	1985	1991	2006	rBV	65332	120567	4.39%	0.651%
18	14.062	2013	2018	2030	rBV	426769	573653	20.90%	3.098%
19	14.527	2093	2097	2104	rBV	24842	33922	1.24%	0.183%
20	14.839	2145	2150	2156	rBV	21896	31921	1.16%	0.172%
21	15.192	2205	2210	2217	rVB	20881	30771	1.12%	0.166%
22	15.556	2266	2272	2286	rBV	425088	726928	26.49%	3.926%

Sum of corrected areas: 18514832

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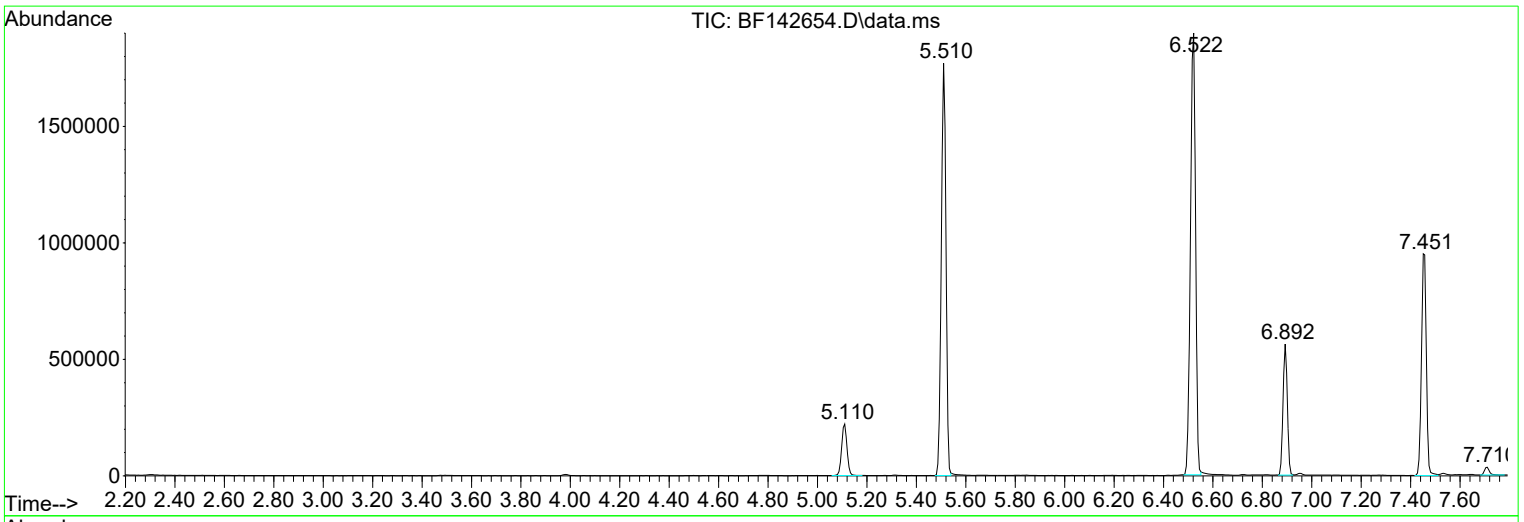
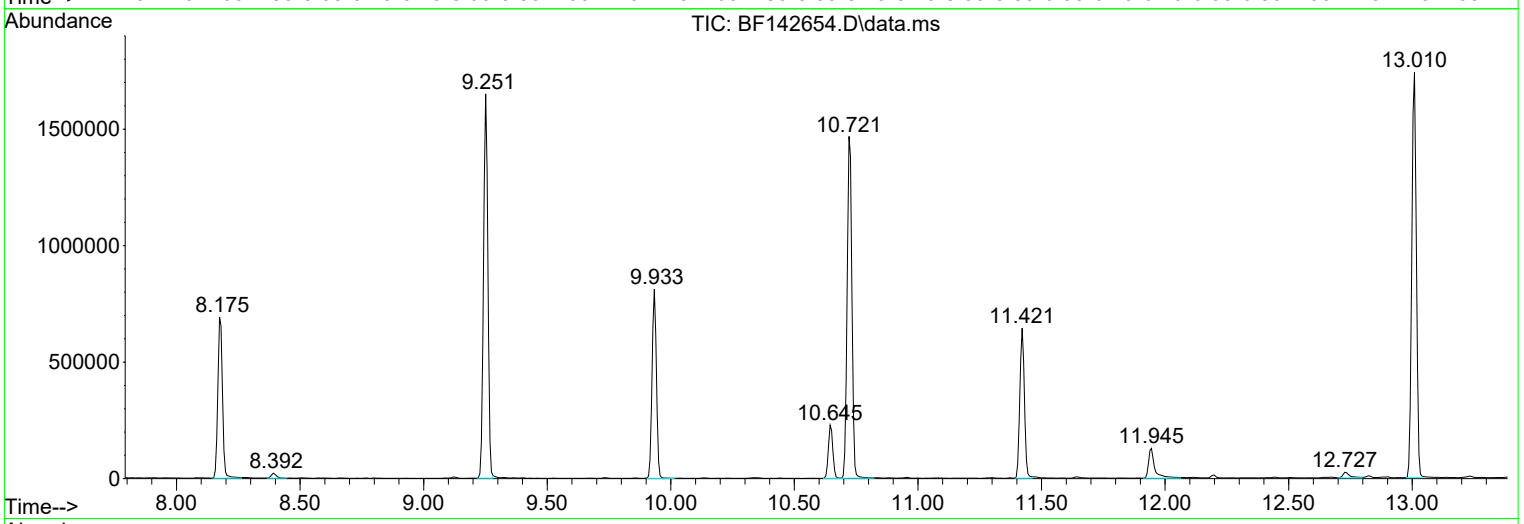
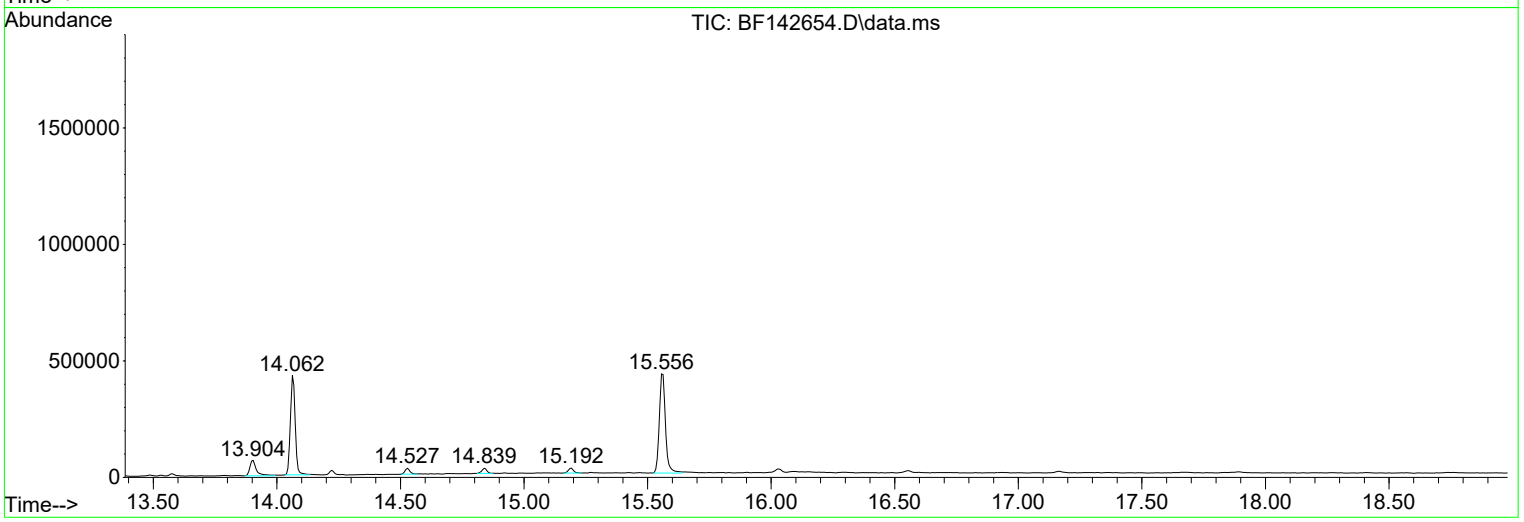
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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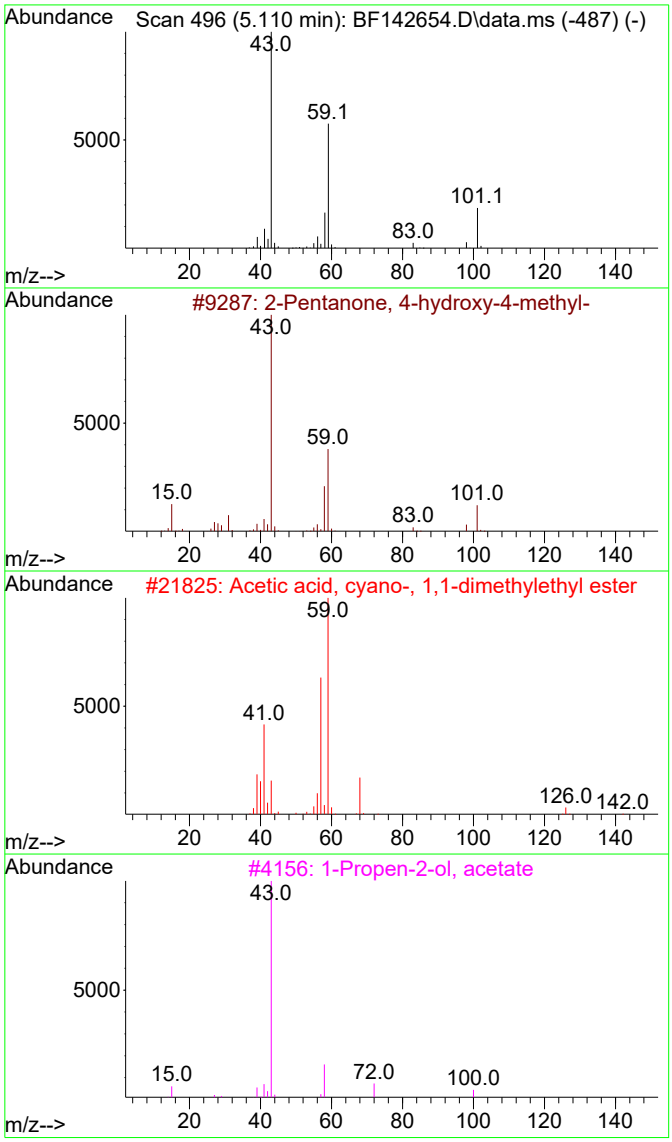
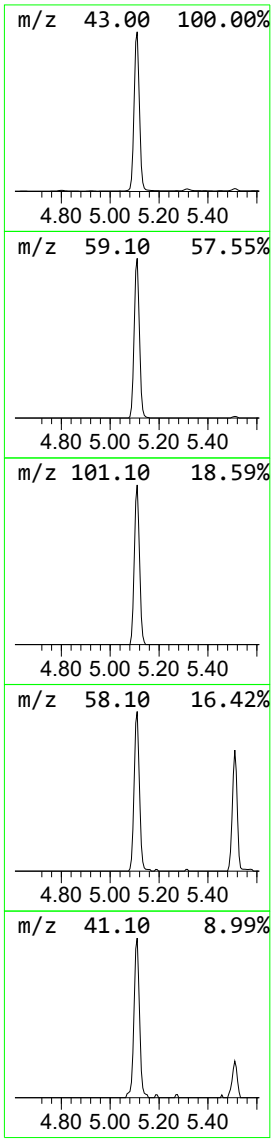
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	9.82 ng	336739	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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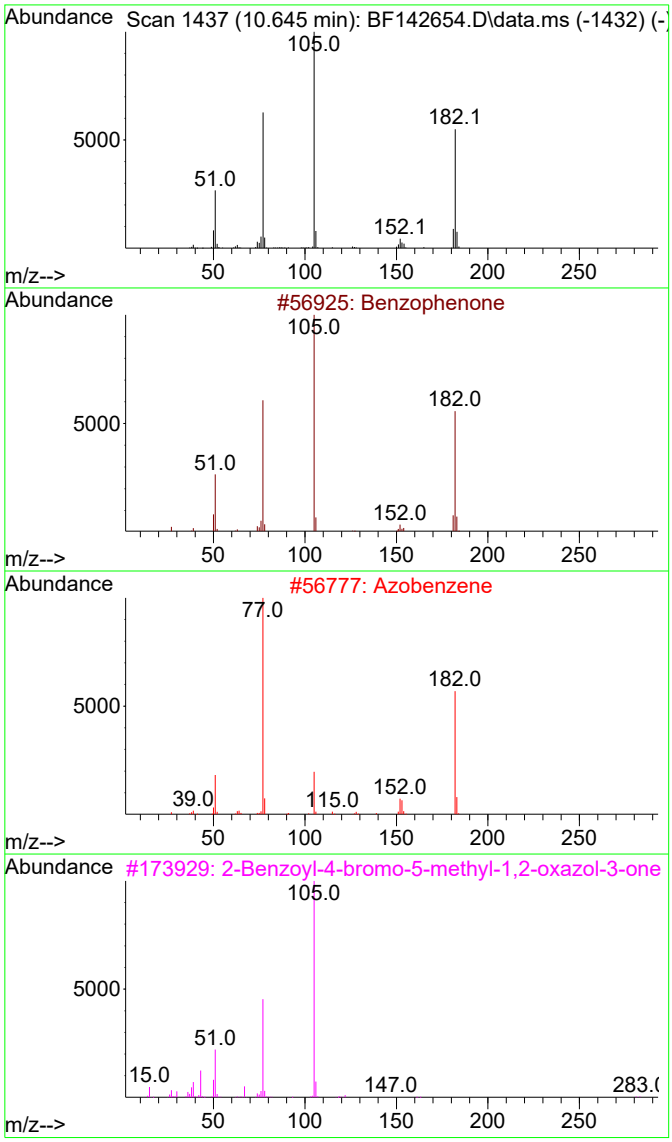
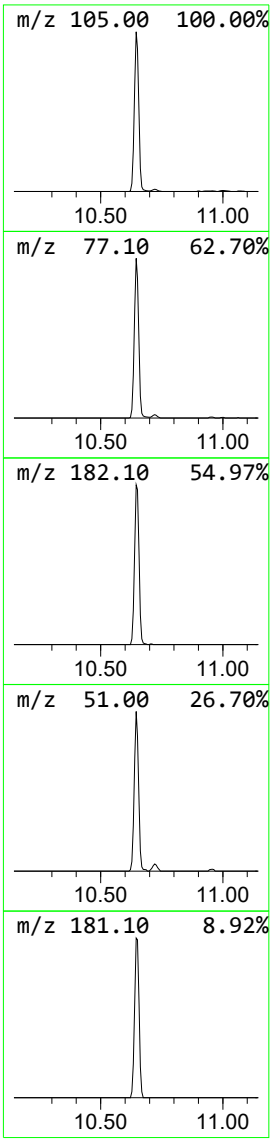
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	5.73 ng	286125	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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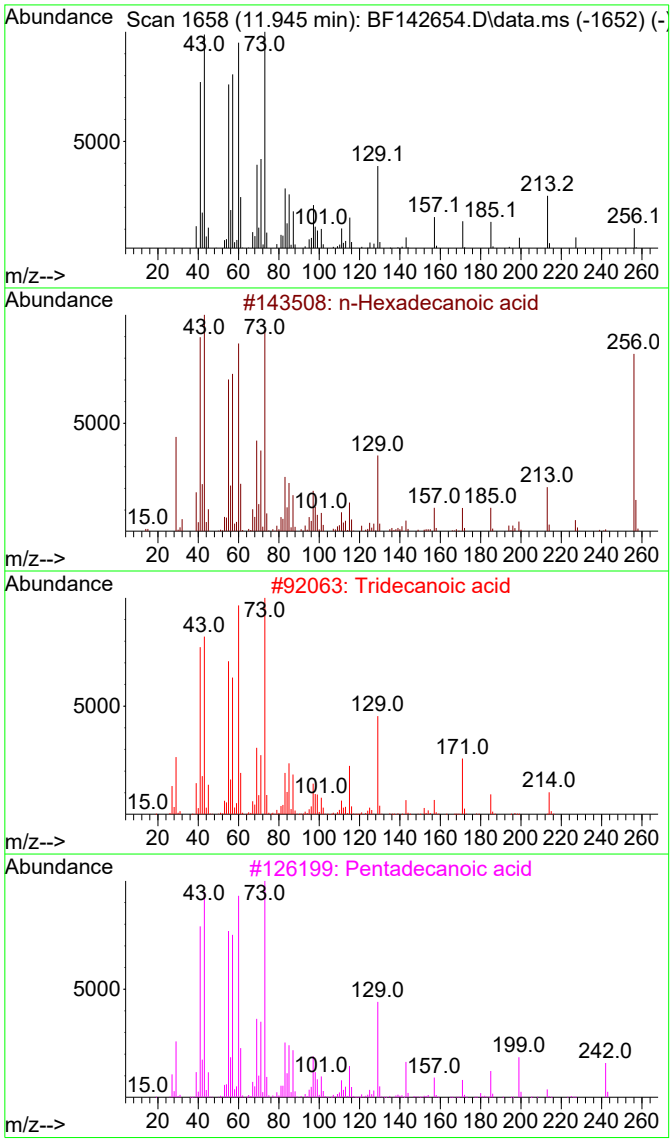
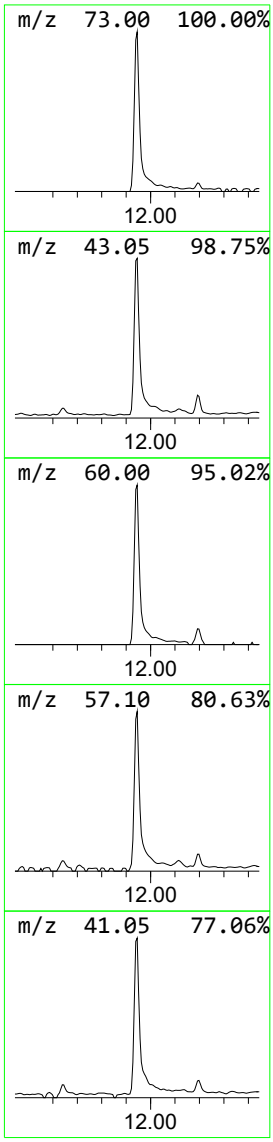
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.45 ng	222666	Phenanthrene-d10	11.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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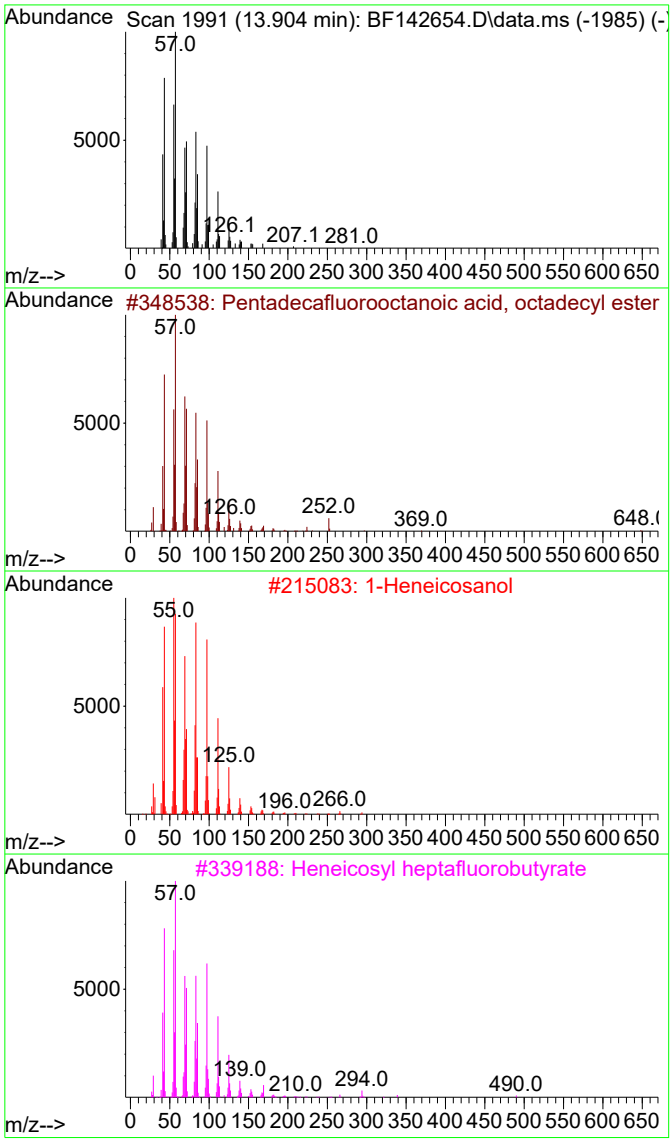
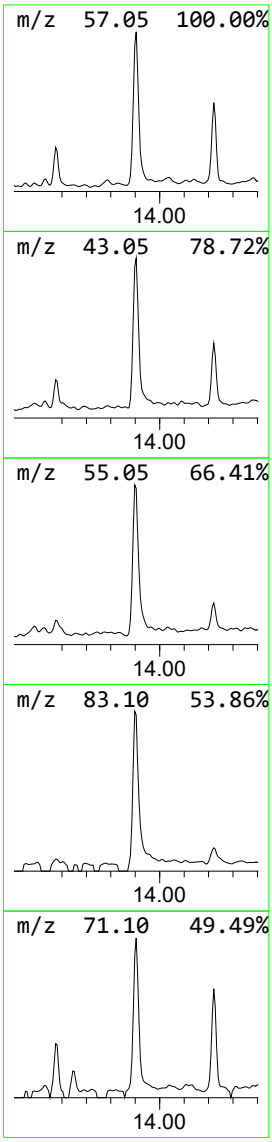
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.20 ng	120567	Chrysene-d12	14.062

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





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-...	5.110	9.8	ng	336739	1	6.892	685832	20.0
Benzophenone	10.645	5.7	ng	286125	3	9.933	998772	20.0
n-Hexadecanoic ...	11.945	5.5	ng	222666	4	11.421	817723	20.0
Pentadecafluoro...	13.904	4.2	ng	120567	5	14.062	573653	20.0