LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142969.D
Acq On : 02 Jul 2025 14:17
Operator : RC/JU
Sample : Q2458-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-67

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	481	490	505	rVB	73066	113220	8.89%	1.336%
2	5.487	555	560	582	rBV	724006	943771	74.13%	11.138%
3	6.498	727	732	747	rBV	702209	952531	74.82%	11.241%
4	6.869	791	795	804	rVB	240177	295980	23.25%	3.493%
5	7.434	886	891	896	rBV	485237	602962	47.36%	7.116%
6	8.157	1009	1014	1027	rBV	319034	390884	30.70%	4.613%
7	9.234	1191	1197	1202	rBV	1038609	1267270	99.54%	14.956%
8	9.916	1308	1313	1318	rBV	350863	438644	34.45%	5.177%
9	10.628	1428	1434	1442	rBV	119016	145468	11.43%	1.717%
10	10.704	1442	1447	1458	rBV	620783	782316	61.45%	9.232%
11	11.404	1561	1566	1573	rBV	370769	461891	36.28%	5.451%
12	11.927	1649	1655	1659	rBV	52237	78221	6.14%	0.923%
13	12.169	1691	1696	1704	rVB3	10700	15804	1.24%	0.187%
14	12.851	1807	1812	1821	rVB	9749	14862	1.17%	0.175%
15	12.992	1830	1836	1841	rBV	1002329	1273108	100.00%	15.025%
16	13.886	1983	1988	2002	rBV	35750	87991	6.91%	1.038%
17	14.051	2008	2016	2026	rVB	241050	317616	24.95%	3.748%
18	15.163	2202	2205	2210	rVB	10281	13970	1.10%	0.165%
19	15.545	2264	2270	2281	rVB	168592	260687	20.48%	3.076%
20	15.998	2343	2347	2355	rVB3	9248	16338	1.28%	0.193%

Sum of corrected areas: 8473534

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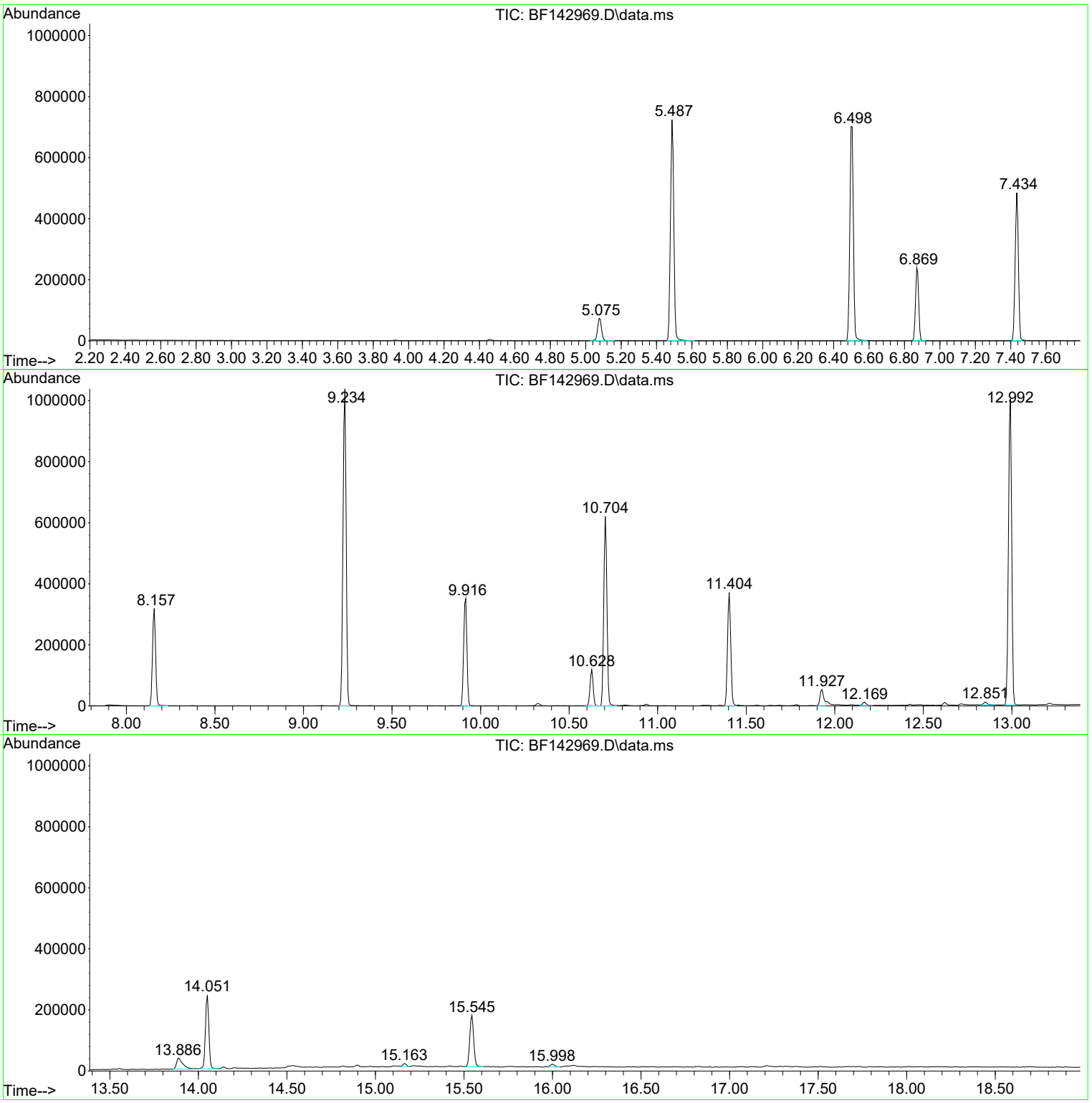
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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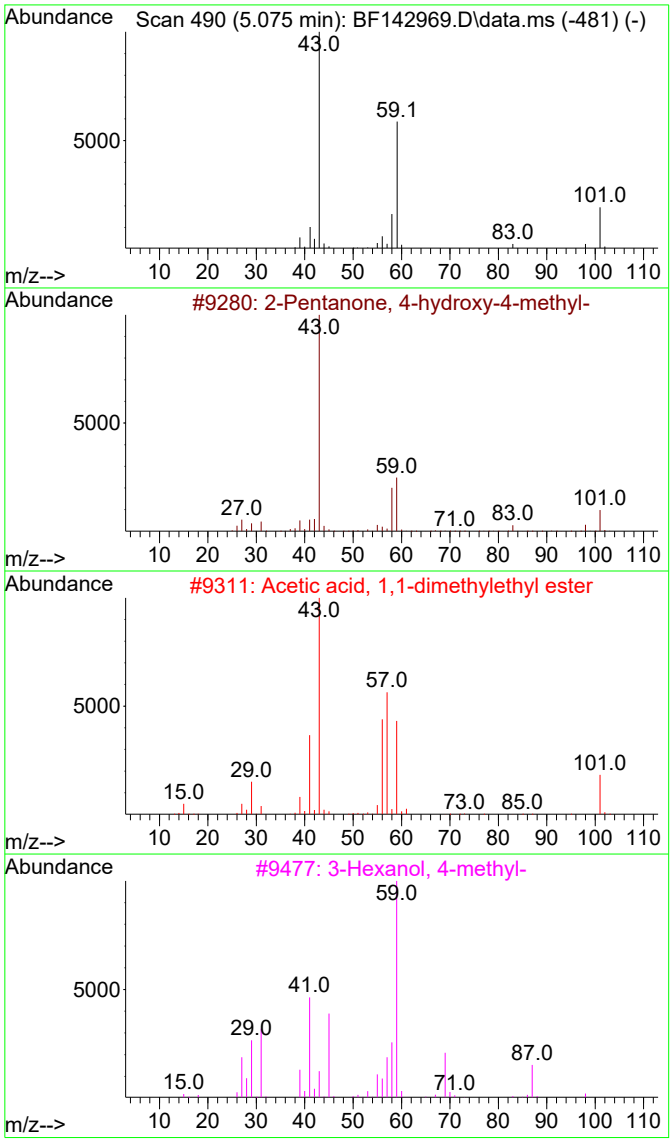
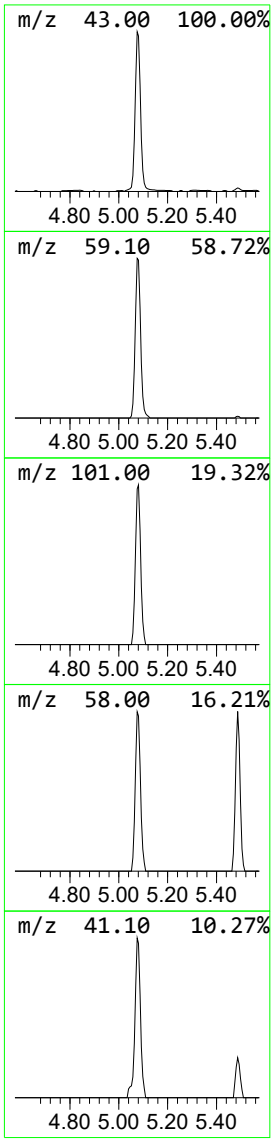
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	7.65 ng	113220	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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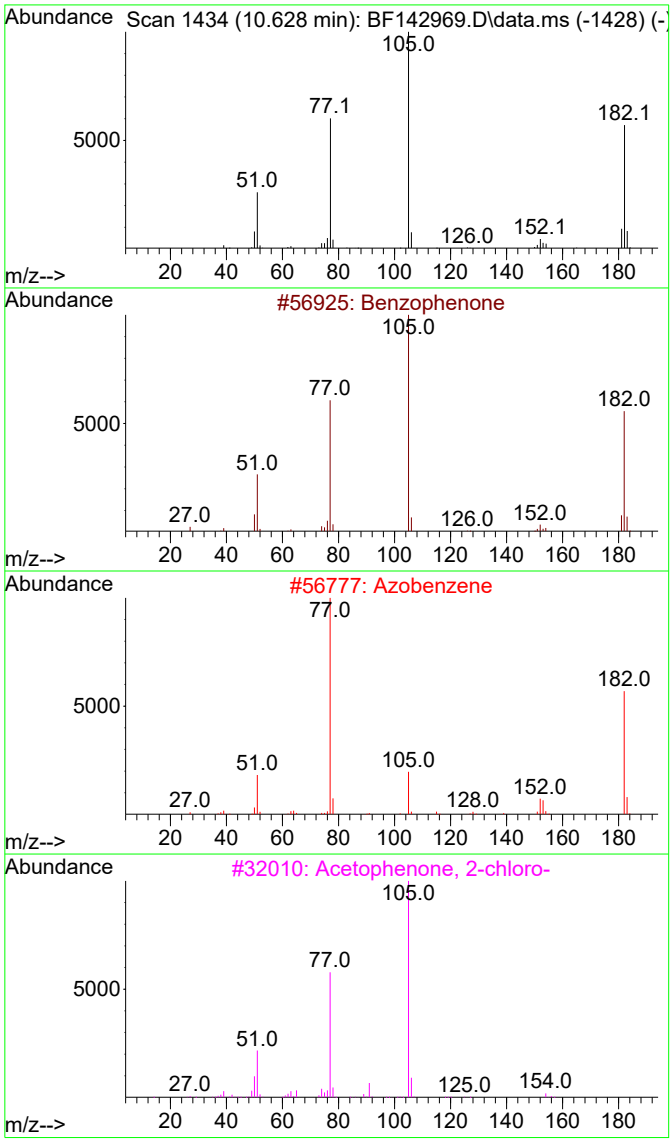
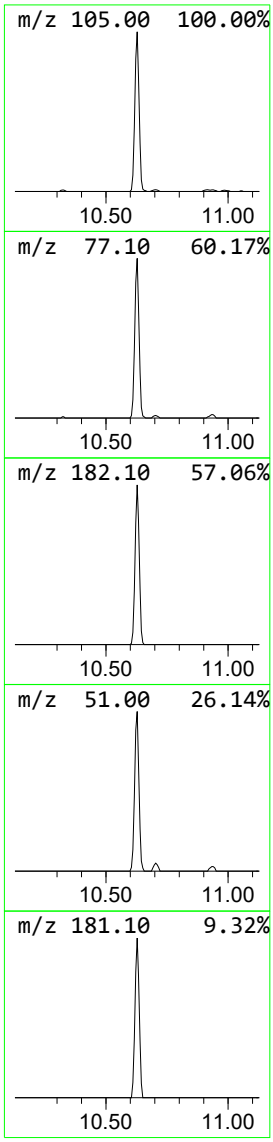
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.63 ng	145468	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





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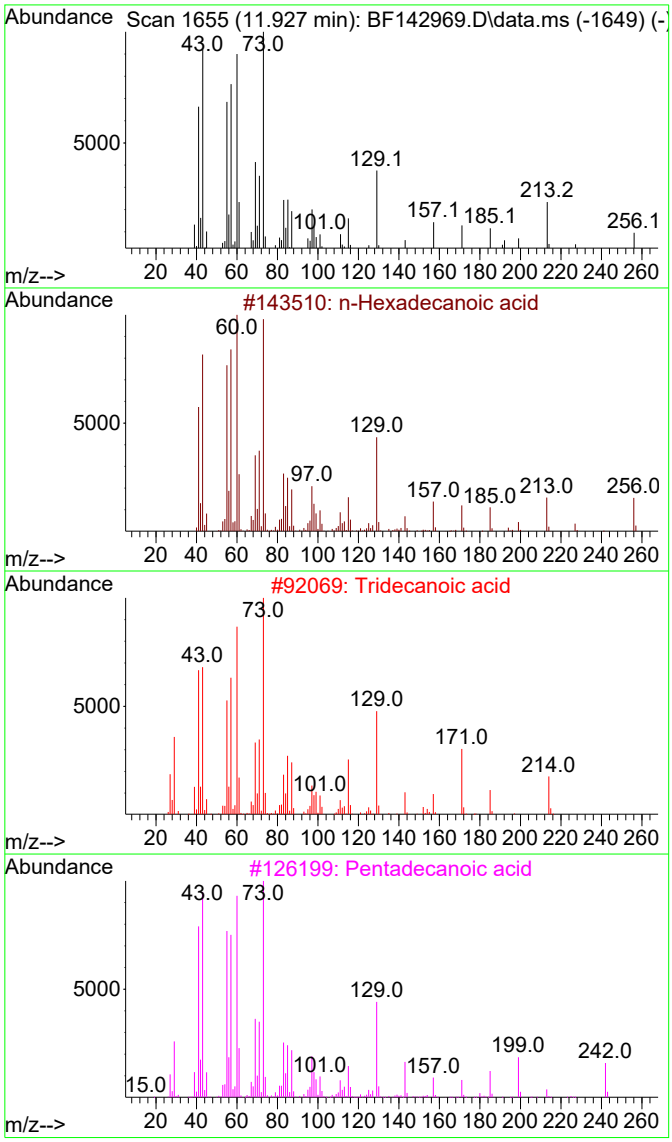
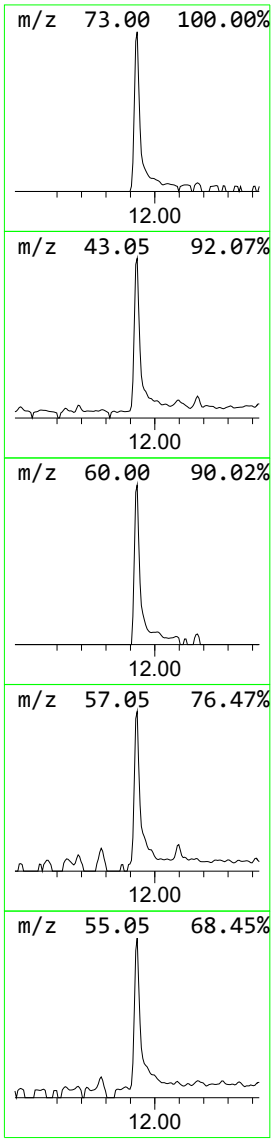
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	3.39 ng	78221	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	22





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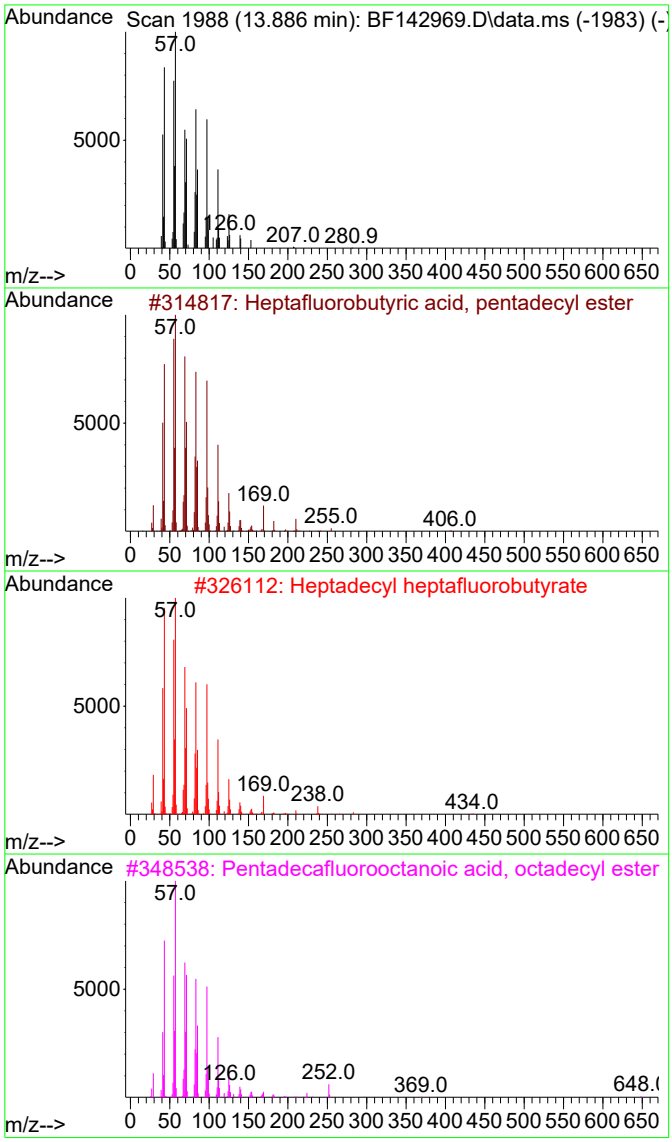
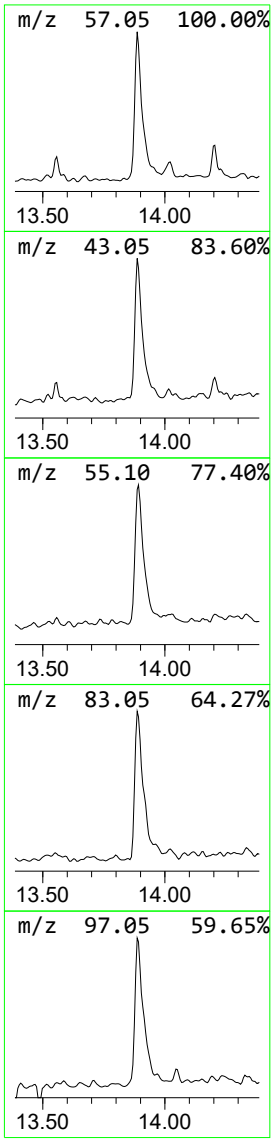
****
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	5.54 ng	87991	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94





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-...	5.075	7.7	ng	113220	1	6.869	295980	20.0
Benzophenone	10.628	6.6	ng	145468	3	9.916	438644	20.0
n-Hexadecanoic ...	11.928	3.4	ng	78221	4	11.404	461891	20.0
Heptafluorobuty...	13.886	5.5	ng	87991	5	14.051	317616	20.0