LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142380.D
Acq On : 14 May 2025 22:03
Operator : RC/JU
Sample : Q2017-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-I

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	10	16	24	rVB2	39923	63390	1.49%	0.200%
2	5.116	488	497	508	rVB	244860	386224	9.07%	1.221%
3	5.510	557	564	569	rBV	2423341	3232238	75.89%	10.218%
4	6.516	728	735	740	rBV	2466939	3470151	81.47%	10.970%
5	6.898	795	800	805	rBV	972556	1173837	27.56%	3.711%
6	7.457	888	895	900	rBV	1616969	2144994	50.36%	6.781%
7	7.710	933	938	944	rBV	71072	90414	2.12%	0.286%
8	8.181	1012	1018	1033	rBV	1263862	1623116	38.11%	5.131%
9	8.392	1049	1054	1063	rVB2	32869	47541	1.12%	0.150%
10	9.257	1194	1201	1206	rBV	3313858	4259193	100.00%	13.464%
11	9.933	1310	1316	1322	rBV	1500327	1963047	46.09%	6.205%
12	10.651	1432	1438	1444	rBV	439320	547903	12.86%	1.732%
13	10.722	1444	1450	1465	rBV	2181475	2880887	67.64%	9.107%
14	11.422	1564	1569	1575	rBV	1619674	2055687	48.26%	6.498%
15	11.945	1652	1658	1672	rBV	262242	437029	10.26%	1.382%
16	12.733	1787	1792	1805	rBV3	25394	56953	1.34%	0.180%
17	13.010	1833	1839	1844	rBV	3318358	4232322	99.37%	13.379%
18	13.904	1986	1991	2008	rBV	83436	169813	3.99%	0.537%
19	14.063	2011	2018	2023	rBV	1168305	1522539	35.75%	4.813%
20	15.551	2265	2271	2283	rBV	812456	1276941	29.98%	4.037%

Sum of corrected areas: 31634219

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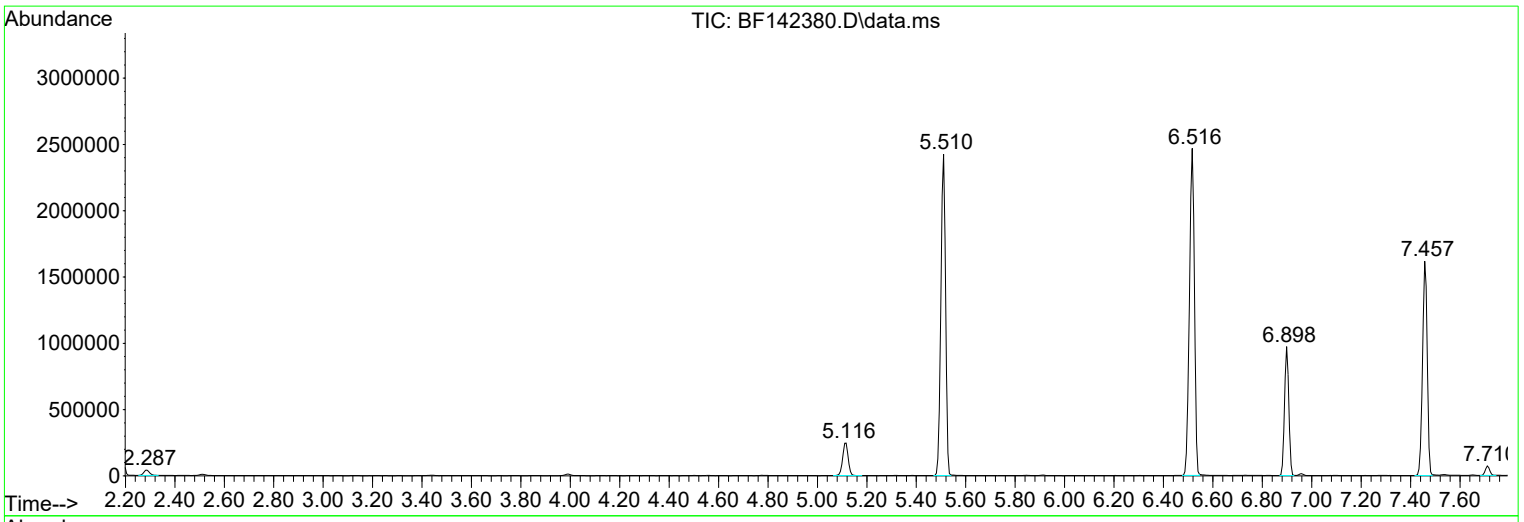
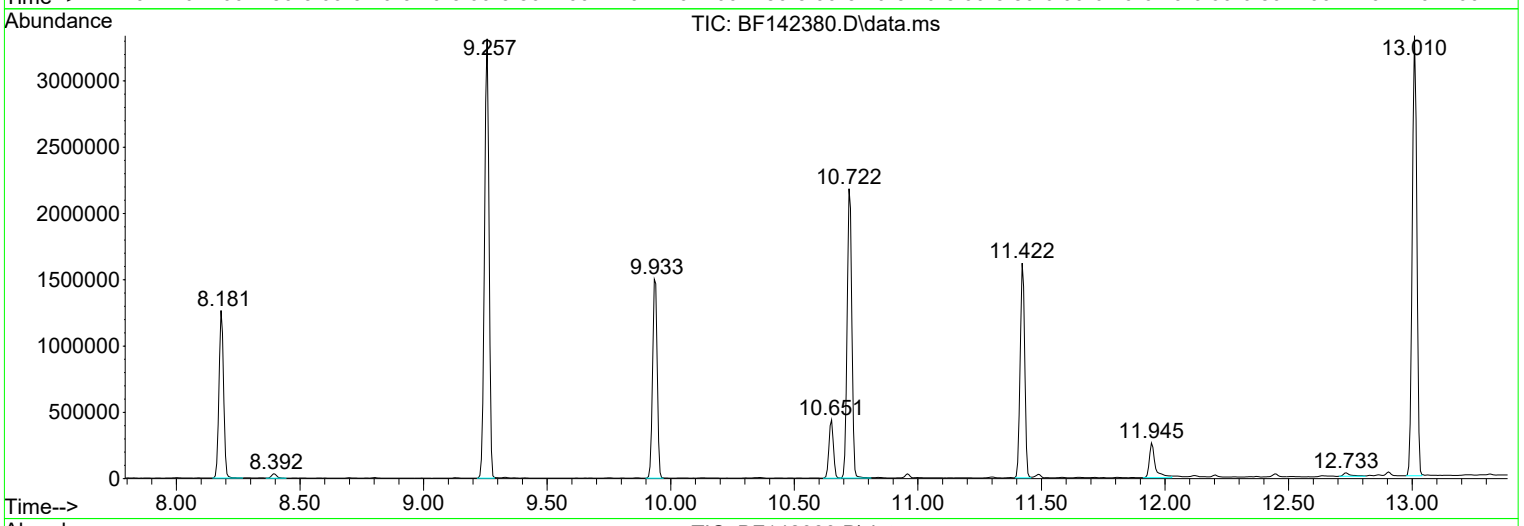
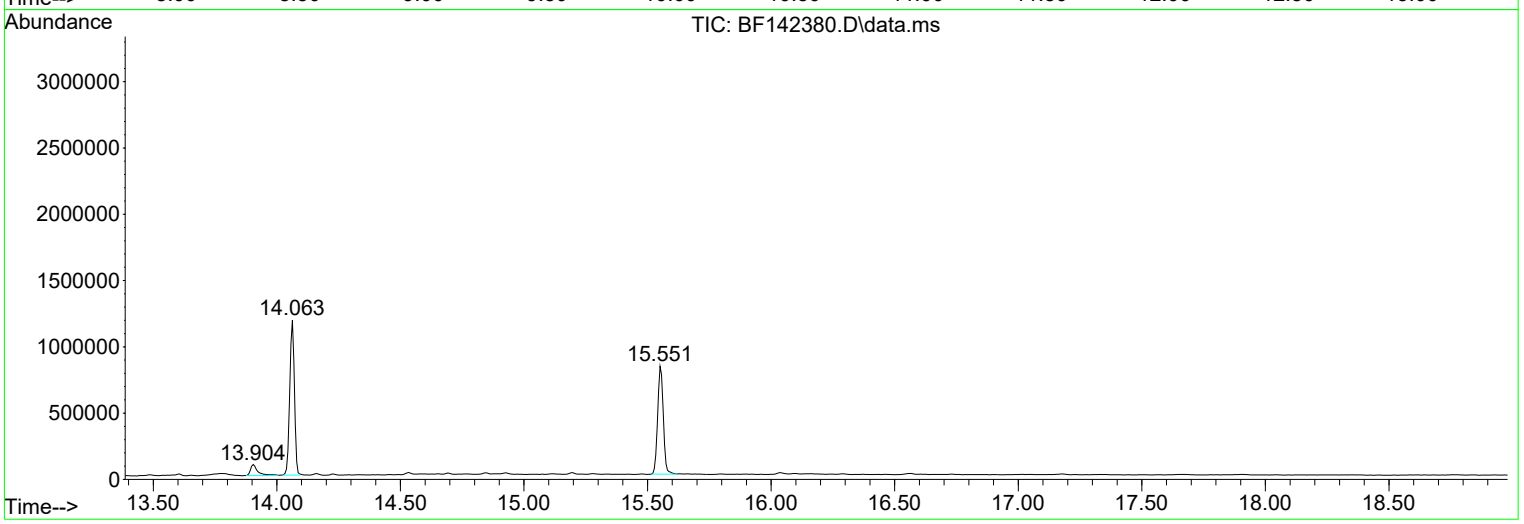
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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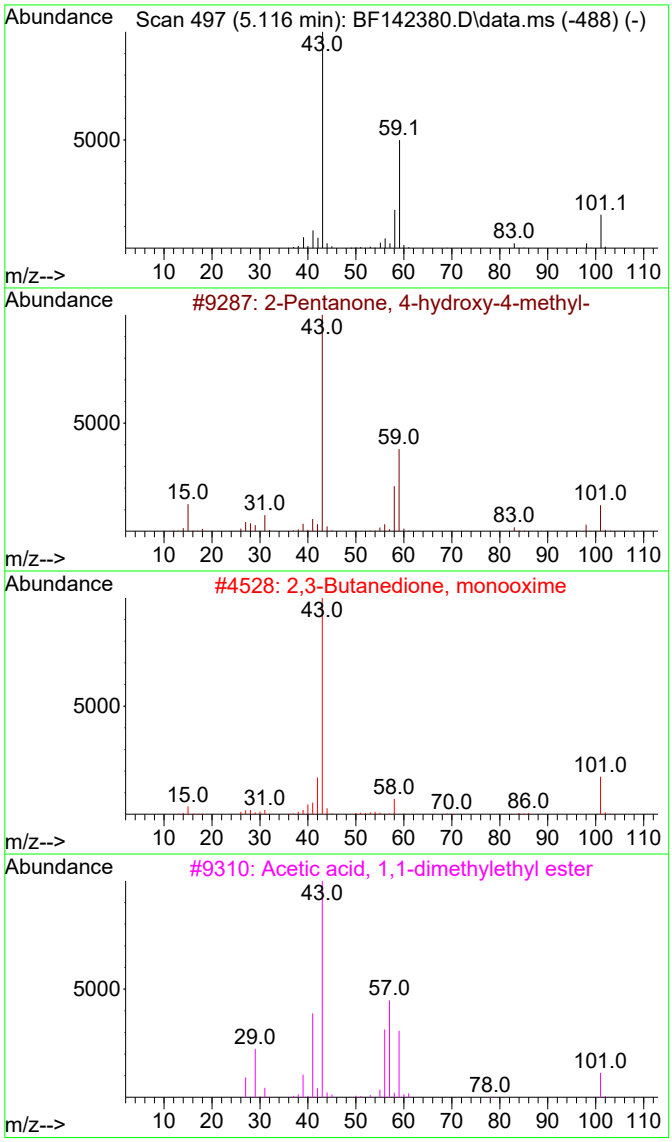
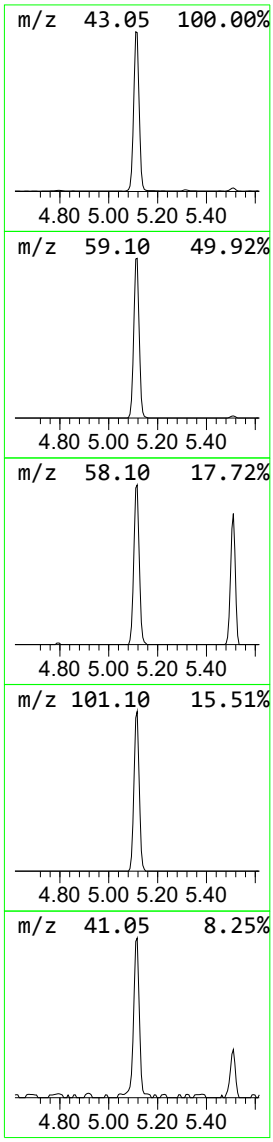
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.58 ng	386224	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Allyl acetate	100	C5H8O2	000591-87-7	9





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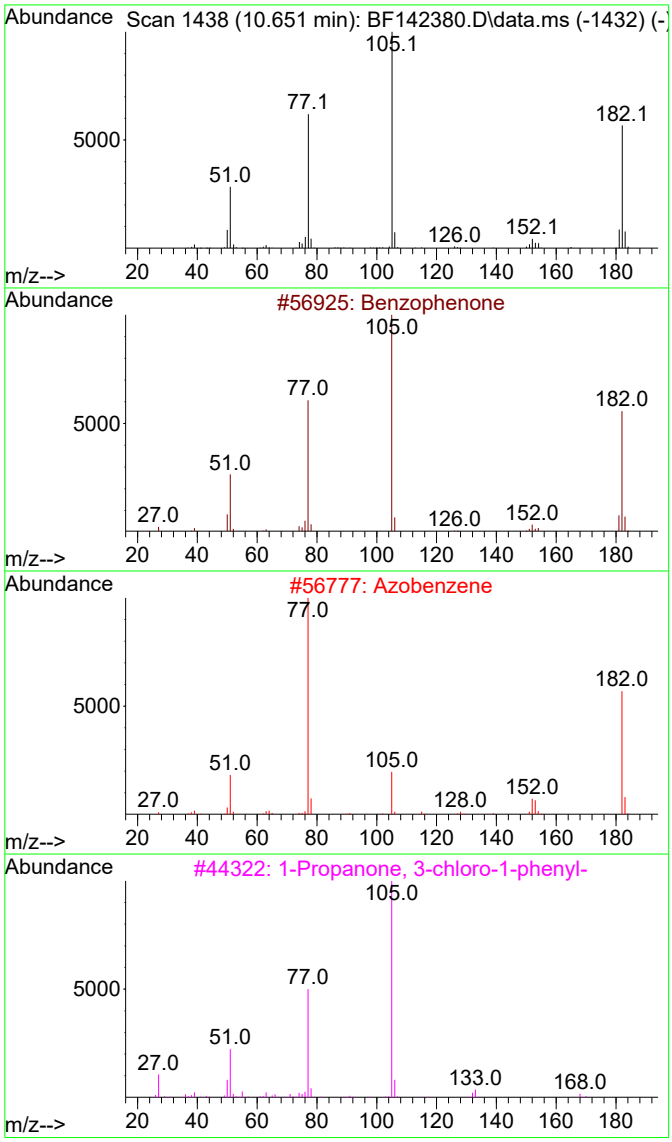
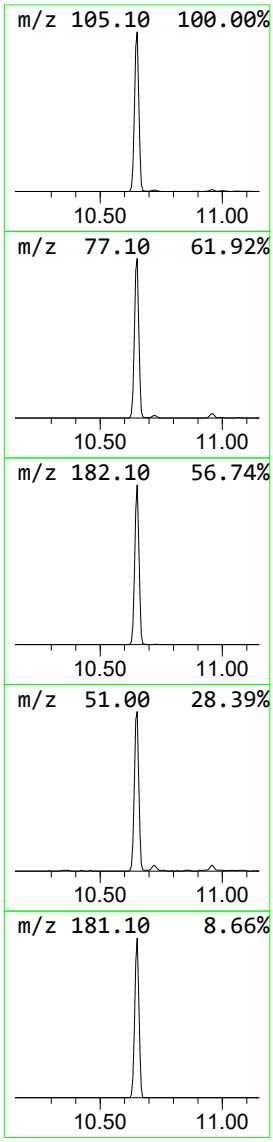
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	5.58 ng	547903	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	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
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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BNA_F
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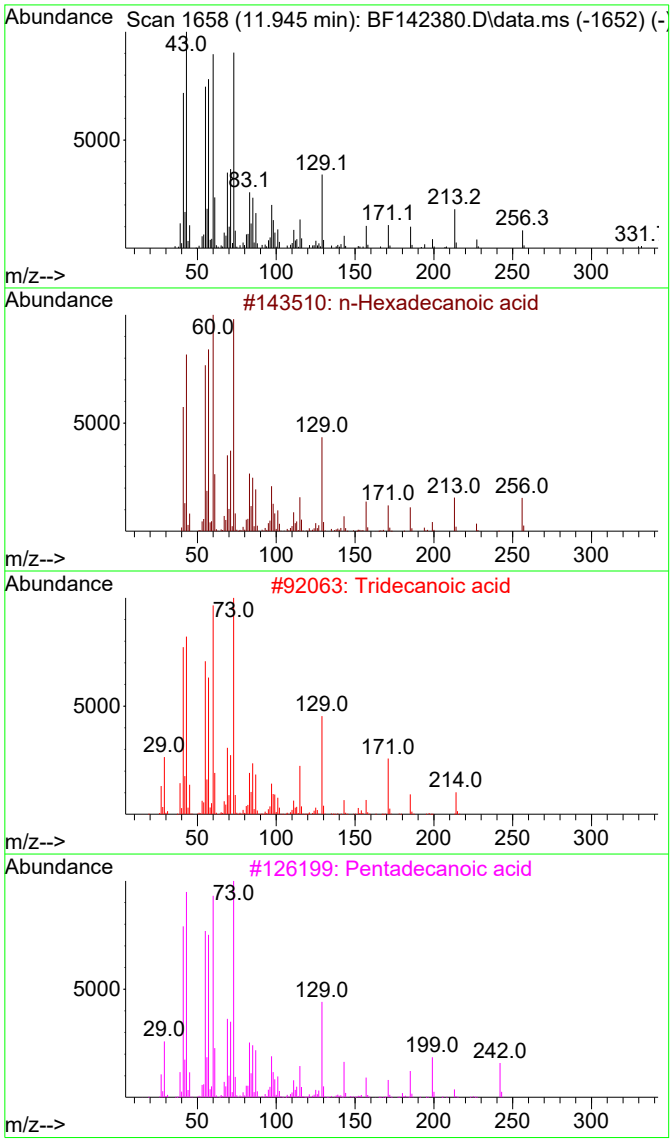
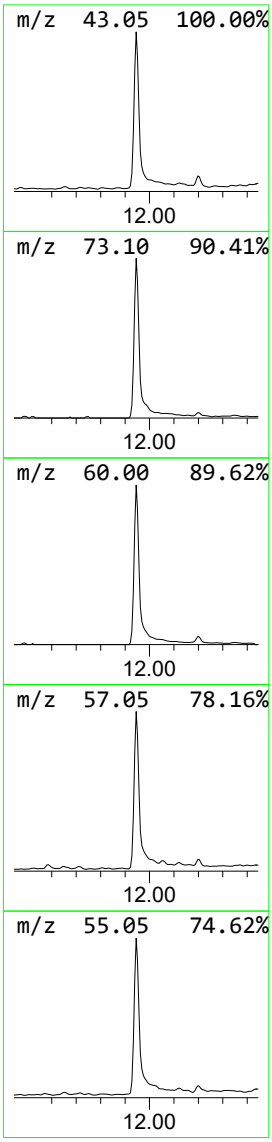
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.25 ng	437029	Phenanthrene-d10	11.422

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





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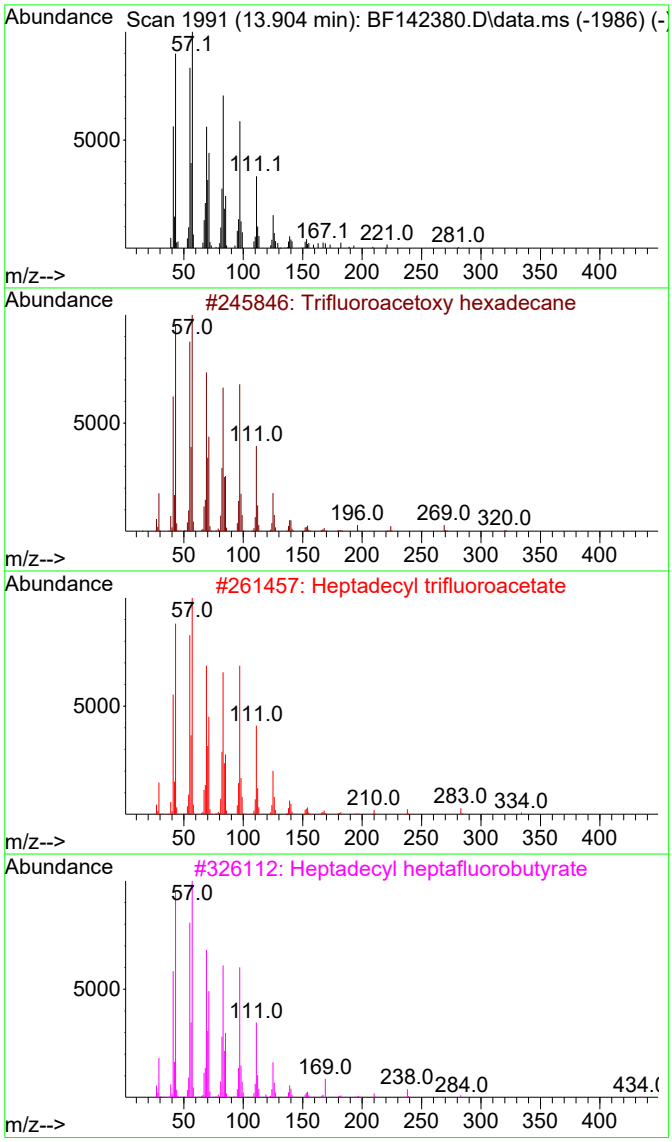
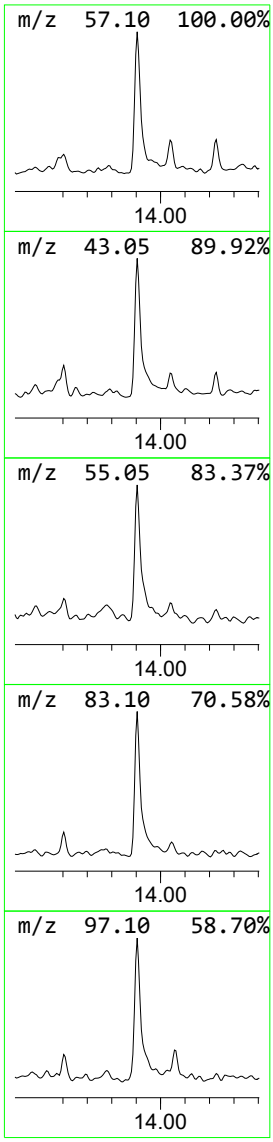
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.23 ng	169813	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	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-...	5.116	6.6	ng	386224	1	6.898	1173840	20.0
Benzophenone	10.651	5.6	ng	547903	3	9.933	1963050	20.0
n-Hexadecanoic ...	11.945	4.3	ng	437029	4	11.422	2055690	20.0
Trifluoroacetox...	13.904	2.2	ng	169813	5	14.063	1522540	20.0