LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142661.D
Acq On : 06 Jun 2025 22:31
Operator : RC/JU
Sample : Q2176-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-46

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: BF142661.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	485	496	509	rBV	165531	246975	8.59%	1.373%
2	5.510	558	564	584	rBV	1585297	2114813	73.52%	11.760%
3	6.516	729	735	755	rBV	1561010	2142113	74.47%	11.912%
4	6.893	794	799	804	rBV	577928	699517	24.32%	3.890%
5	7.451	888	894	904	rBV	1029227	1394663	48.48%	7.755%
6	7.710	933	938	950	rVB	25651	38723	1.35%	0.215%
7	8.175	1012	1017	1025	rBV	712225	908382	31.58%	5.051%
8	9.251	1194	1200	1205	rBV	2274921	2876662	100.00%	15.997%
9	9.934	1311	1316	1327	rVB	838628	1028683	35.76%	5.720%
10	10.645	1432	1437	1444	rBV	359961	440099	15.30%	2.447%
11	10.722	1445	1450	1464	rVB	1234599	1580957	54.96%	8.791%
12	11.422	1564	1569	1577	rBV	701615	891916	31.01%	4.960%
13	11.939	1651	1657	1671	rBV2	68411	120005	4.17%	0.667%
14	13.004	1833	1838	1844	rBV	1502233	2004201	69.67%	11.145%
15	13.898	1985	1990	2003	rBV	61756	108856	3.78%	0.605%
16	14.063	2010	2018	2033	rBV	449973	602024	20.93%	3.348%
17	14.222	2040	2045	2052	rBV	24955	33362	1.16%	0.186%
18	14.527	2092	2097	2106	rBV	25726	37717	1.31%	0.210%
19	15.557	2266	2272	2286	rBV	431175	713266	24.79%	3.966%

Sum of corrected areas: 17982934

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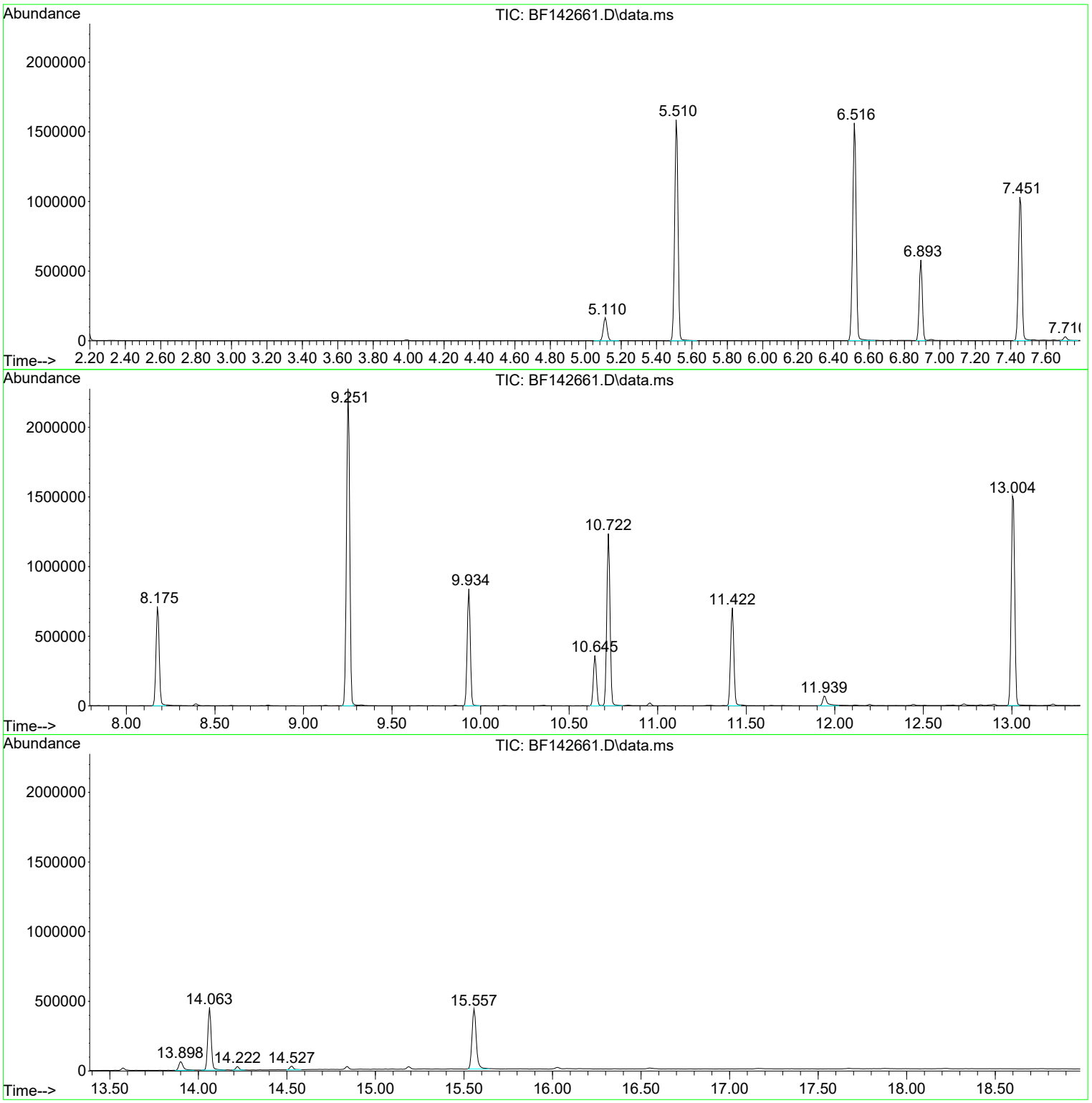
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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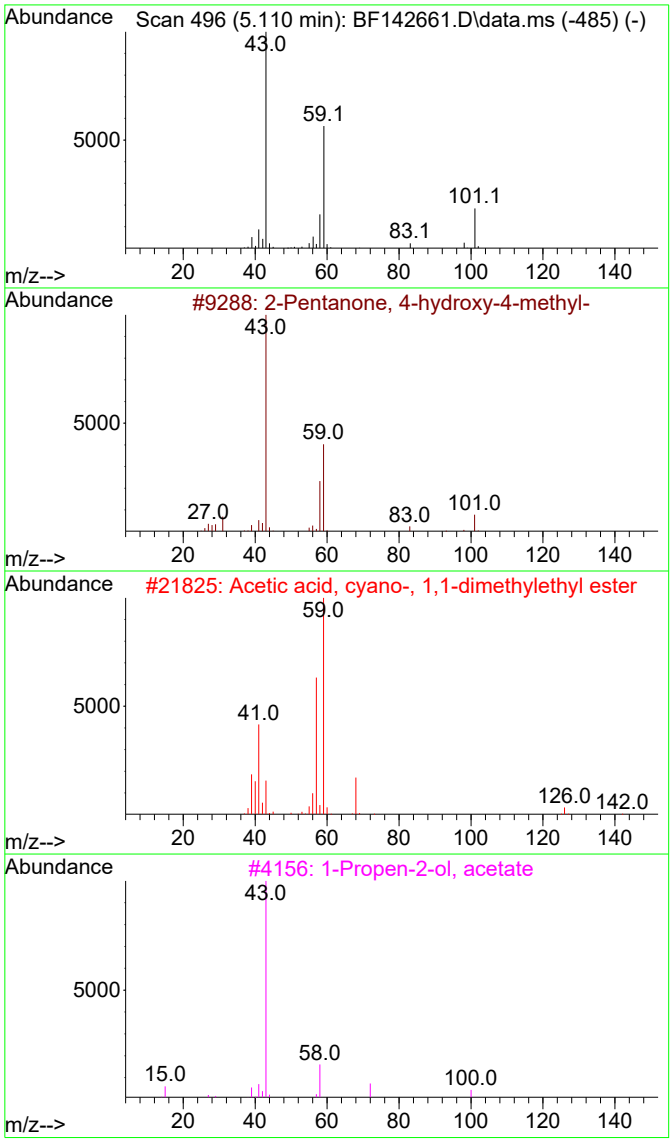
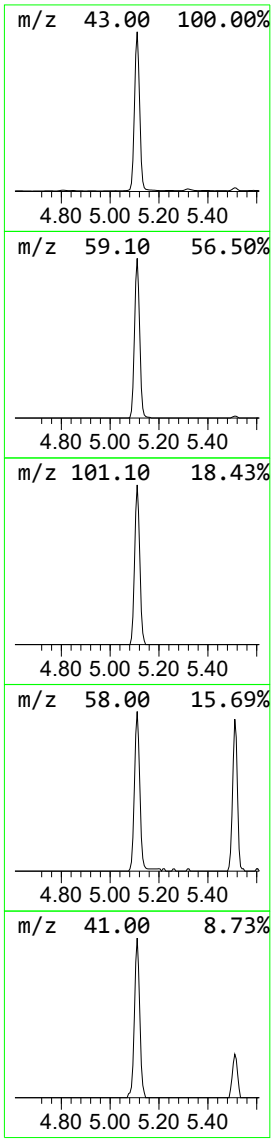
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.06 ng	246975	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





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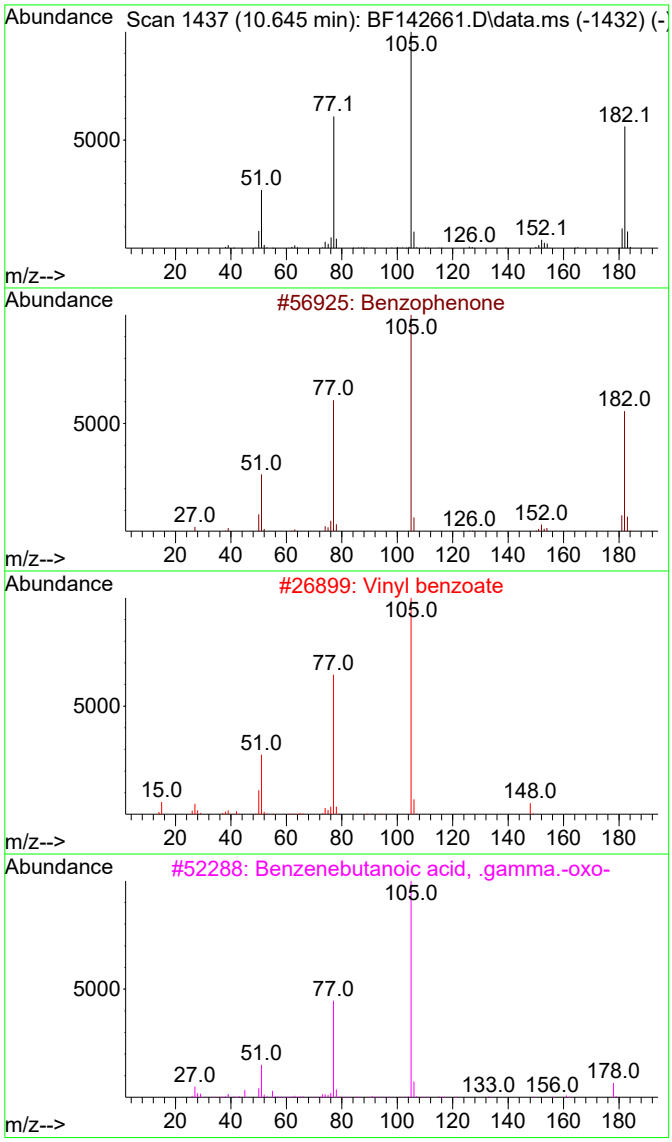
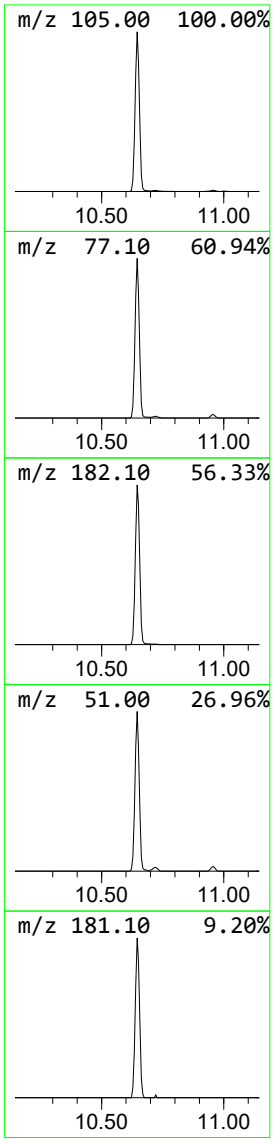
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	8.56 ng	440099	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Vinyl benzoate	148	C9H8O2	000769-78-8	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	47





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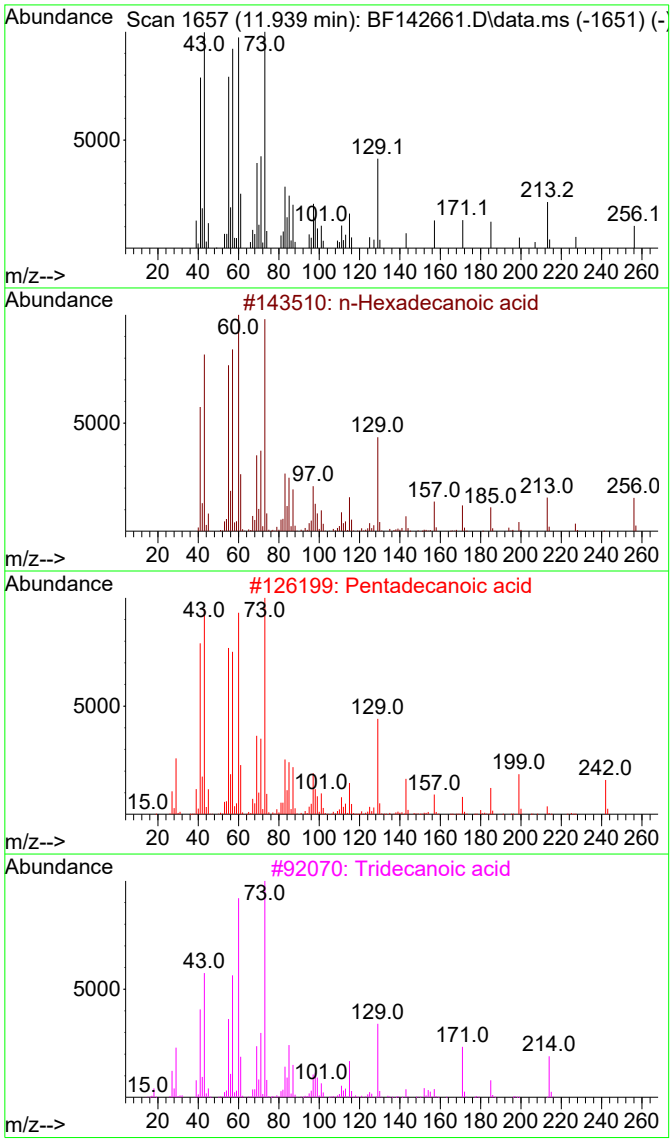
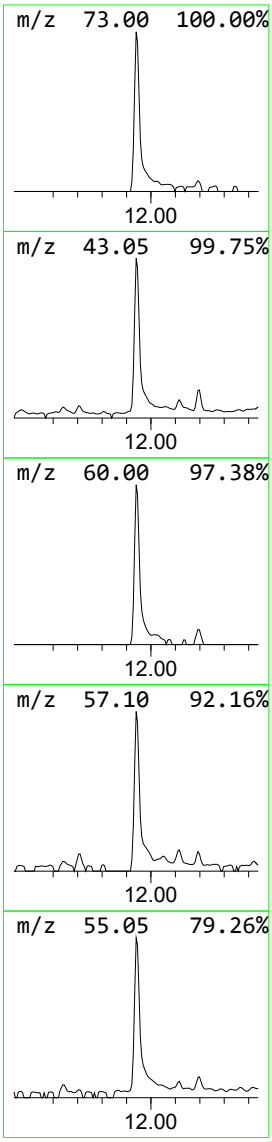
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.69 ng	120005	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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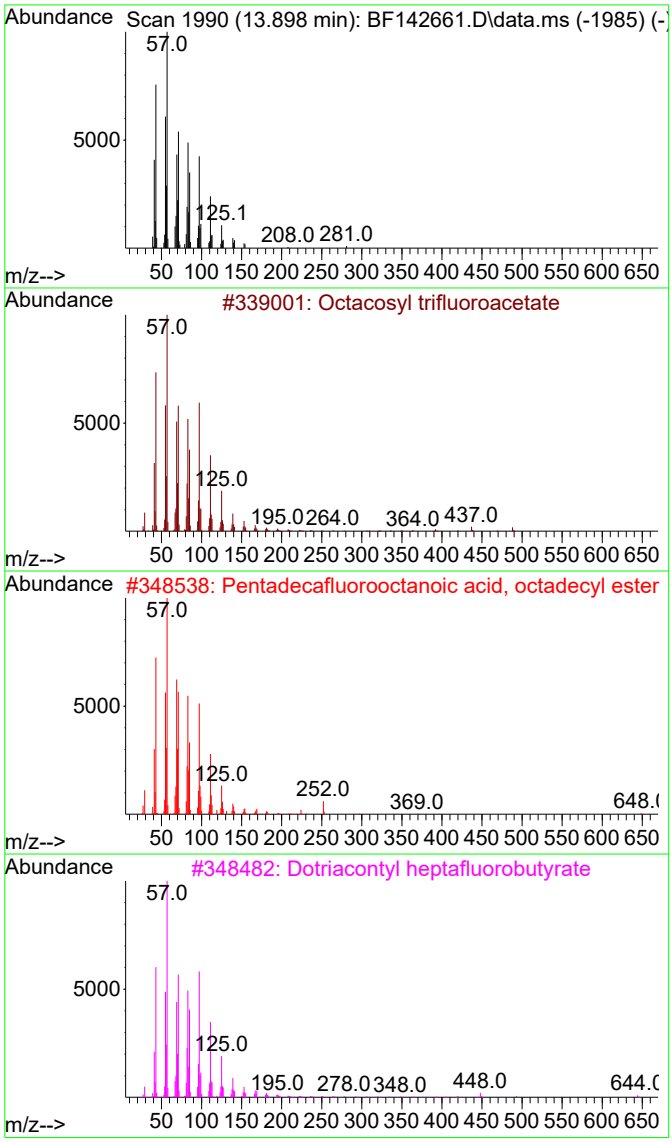
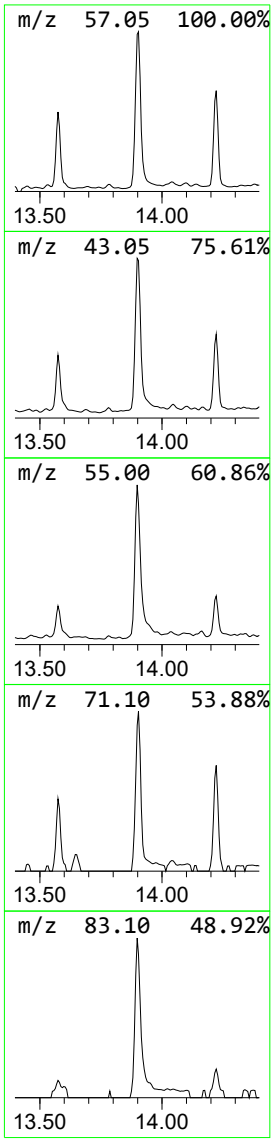
Peak Number 4 Octacosyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.62 ng	108856	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	7.1	ng	246975	1	6.893	699517	20.0
Benzophenone	10.645	8.6	ng	440099	3	9.934	1028680	20.0
n-Hexadecanoic ...	11.939	2.7	ng	120005	4	11.422	891916	20.0
Octacosyl trifl...	13.898	3.6	ng	108856	5	14.063	602024	20.0