LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142656.D
Acq On : 06 Jun 2025 20:02
Operator : RC/JU
Sample : Q2208-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-07

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: BF142656.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	510	rBV	222813	337263	11.77%	1.710%
2	5.510	558	564	584	rBV	1868648	2549401	88.99%	12.925%
3	6.522	729	736	741	rBV	1967174	2864742	100.00%	14.524%
4	6.892	794	799	804	rBV	594751	726246	25.35%	3.682%
5	7.457	888	895	905	rBV	1064796	1472653	51.41%	7.466%
6	7.710	933	938	949	rVB	31694	45831	1.60%	0.232%
7	8.175	1012	1017	1026	rBV	725386	939194	32.78%	4.762%
8	8.392	1049	1054	1063	rBV	19913	28781	1.00%	0.146%
9	9.251	1194	1200	1205	rBV	1954753	2431532	84.88%	12.328%
10	9.933	1311	1316	1328	rVB	852619	1050572	36.67%	5.326%
11	10.645	1432	1437	1445	rBV	215187	266617	9.31%	1.352%
12	10.722	1445	1450	1466	rVV	1558970	2046418	71.43%	10.375%
13	11.422	1564	1569	1576	rBV	687461	872372	30.45%	4.423%
14	11.945	1652	1658	1679	rBV2	96457	177042	6.18%	0.898%
15	13.010	1833	1839	1844	rBV	1803668	2379292	83.05%	12.063%
16	13.898	1985	1990	2004	rBV	71306	130485	4.55%	0.662%
17	14.063	2013	2018	2033	rBV	458891	611364	21.34%	3.100%
18	14.527	2093	2097	2109	rBV	22524	34695	1.21%	0.176%
19	15.557	2266	2272	2288	rBV	457578	759595	26.52%	3.851%

Sum of corrected areas: 19724095

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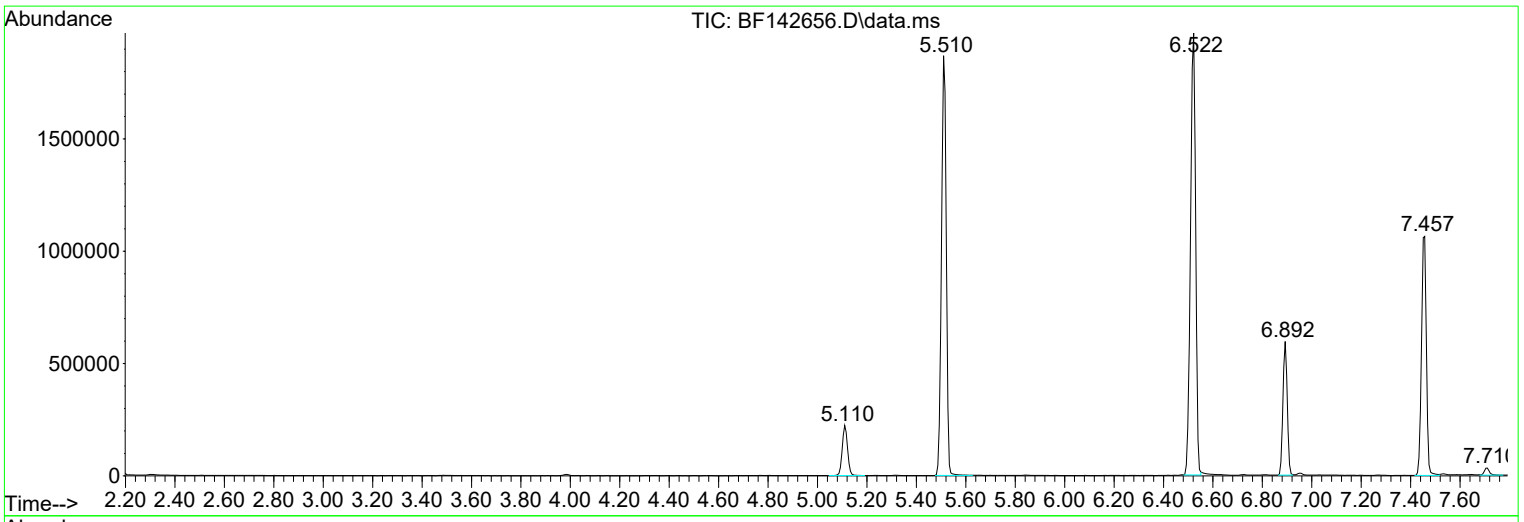
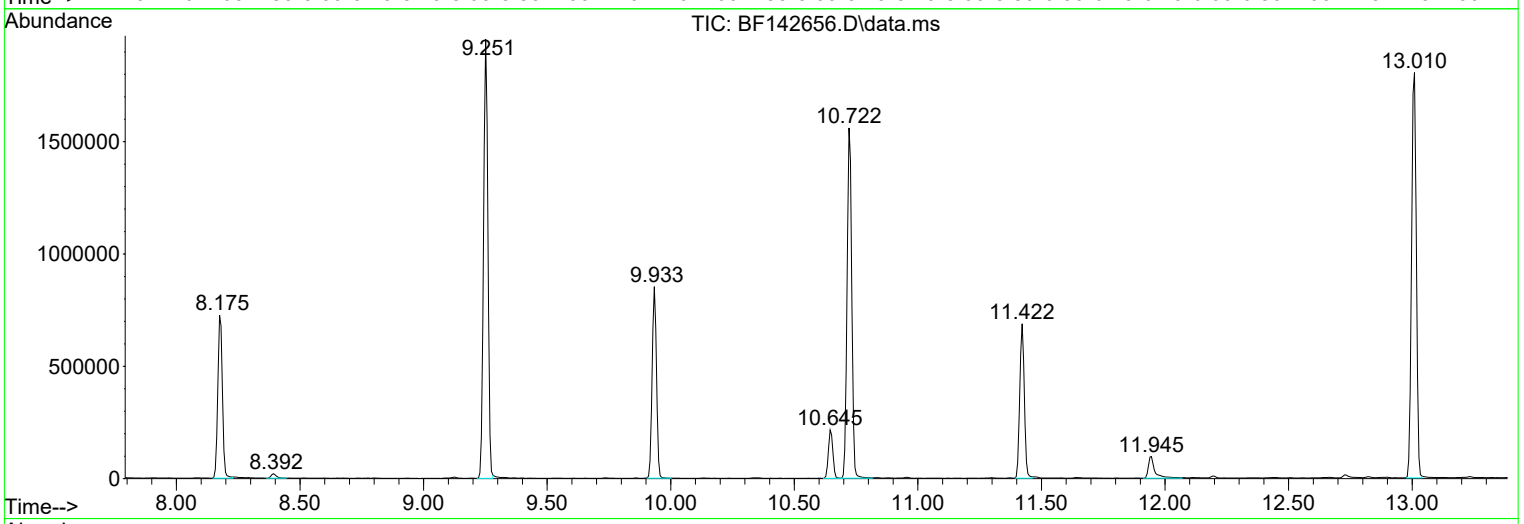
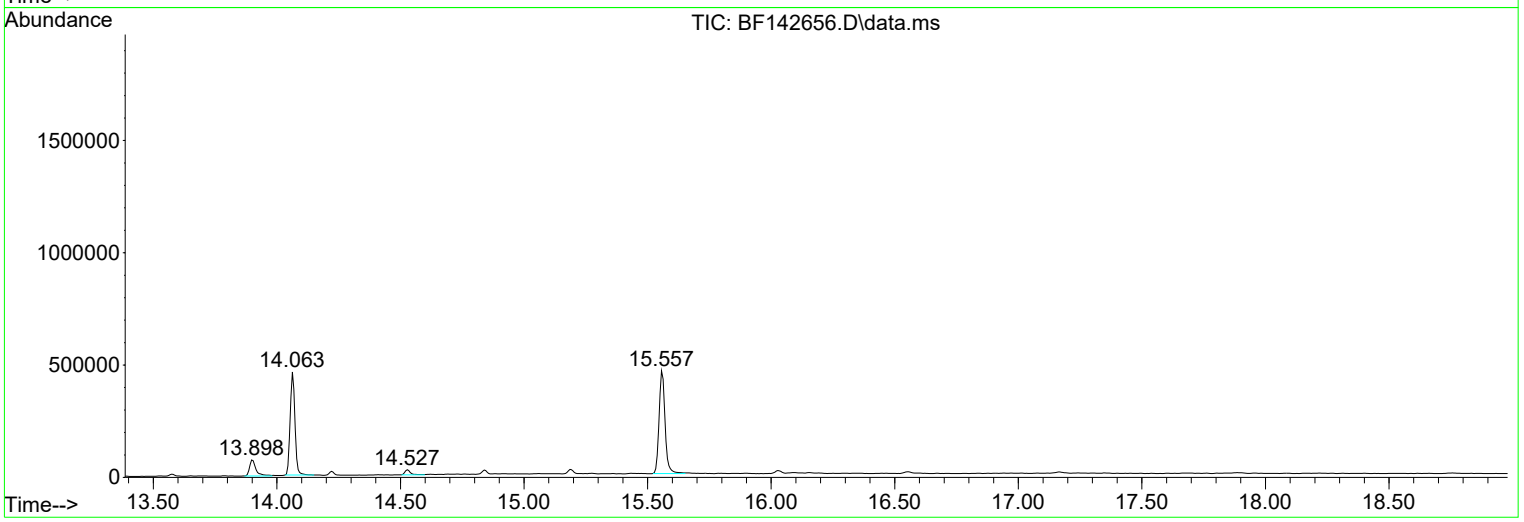
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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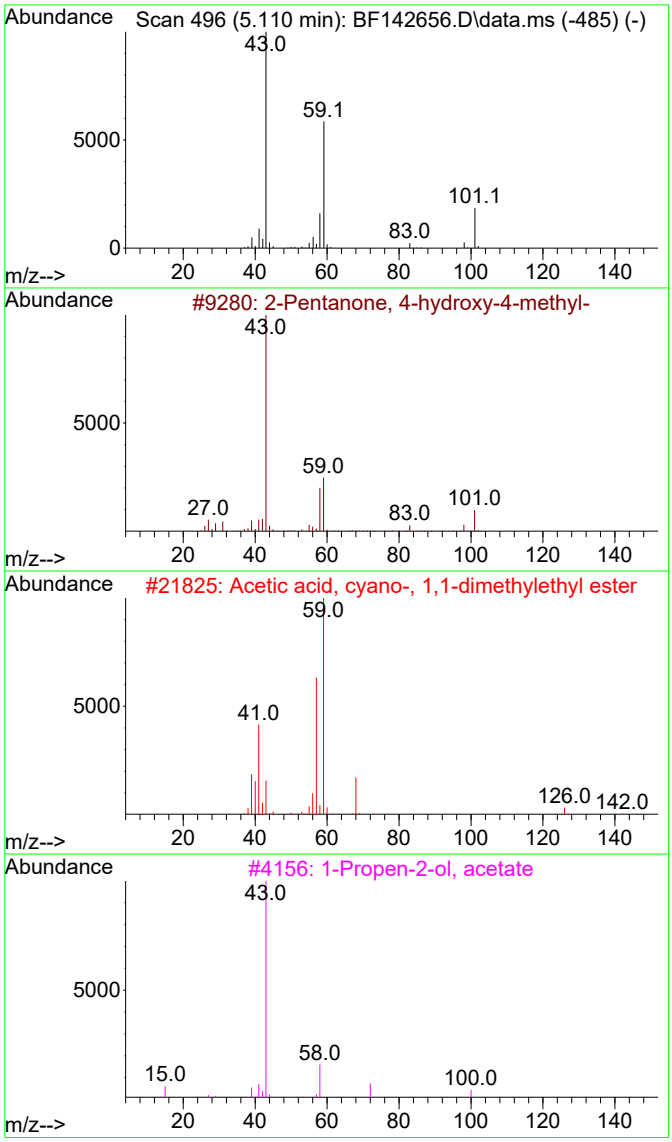
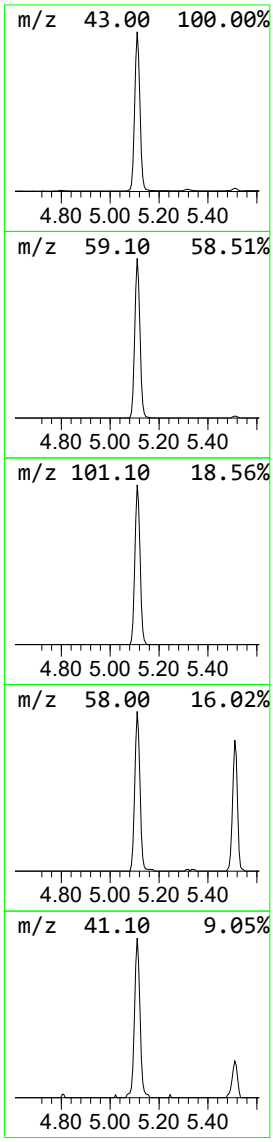
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	9.29 ng	337263	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	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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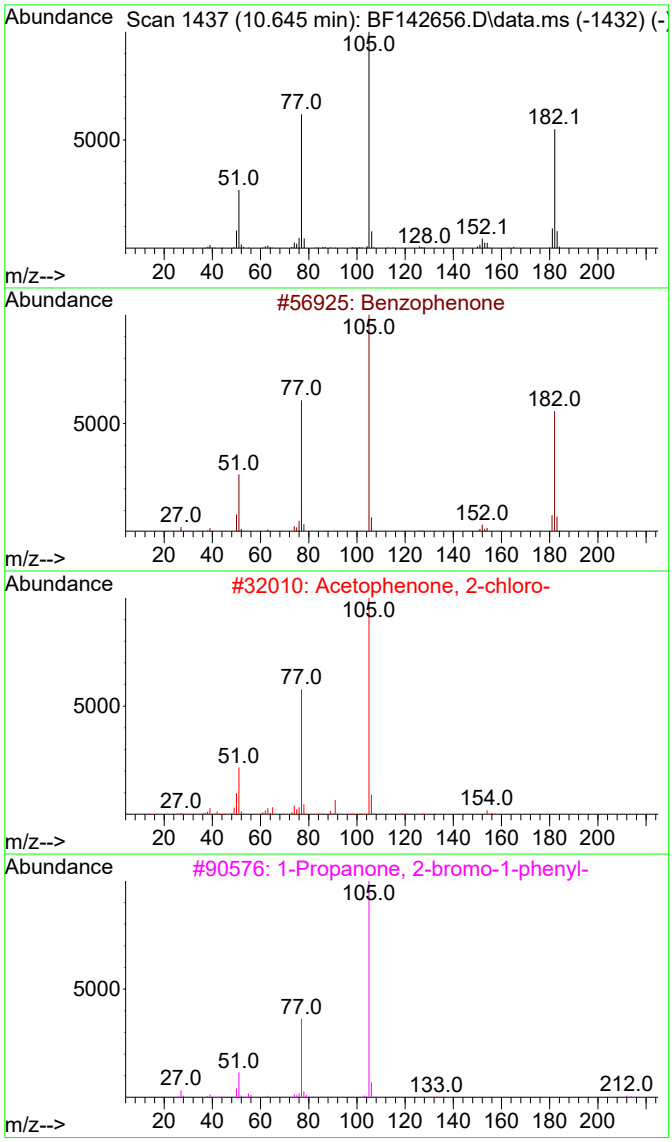
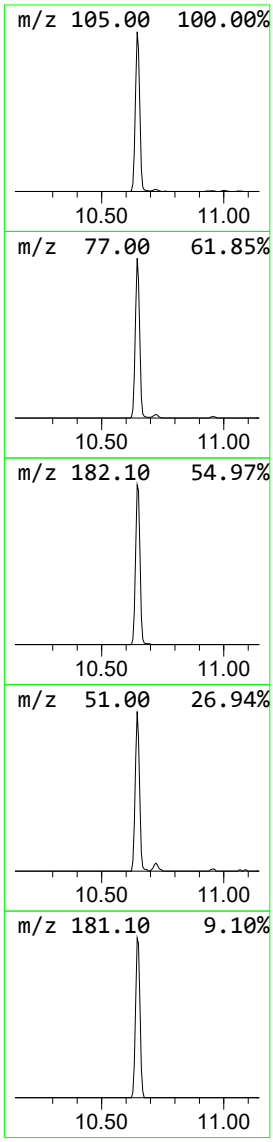
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	5.08 ng	266617	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Instrument :
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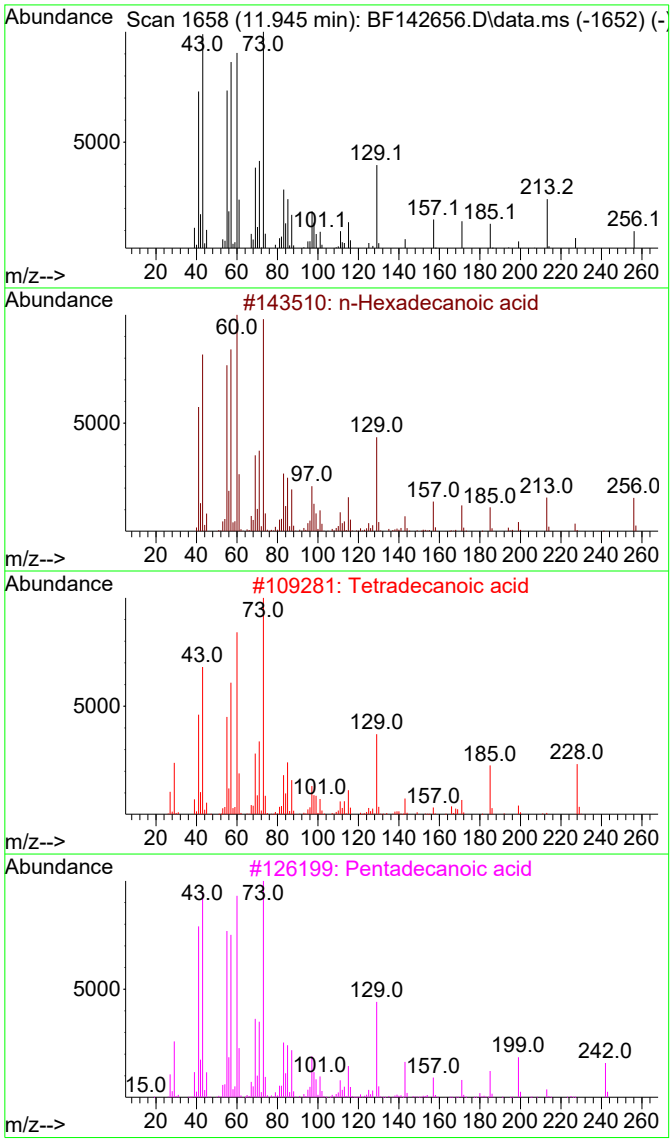
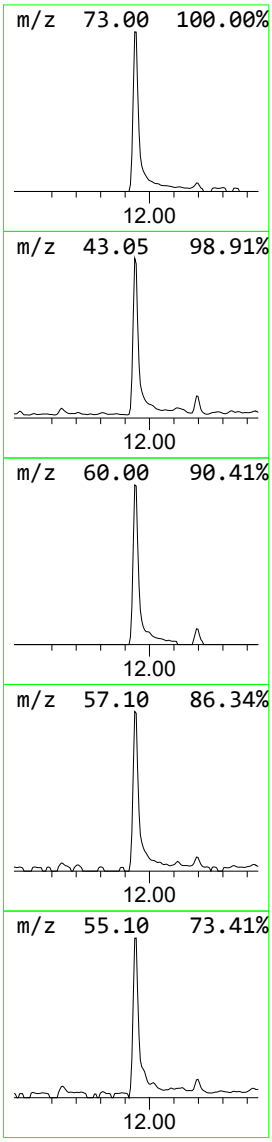
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.06 ng	177042	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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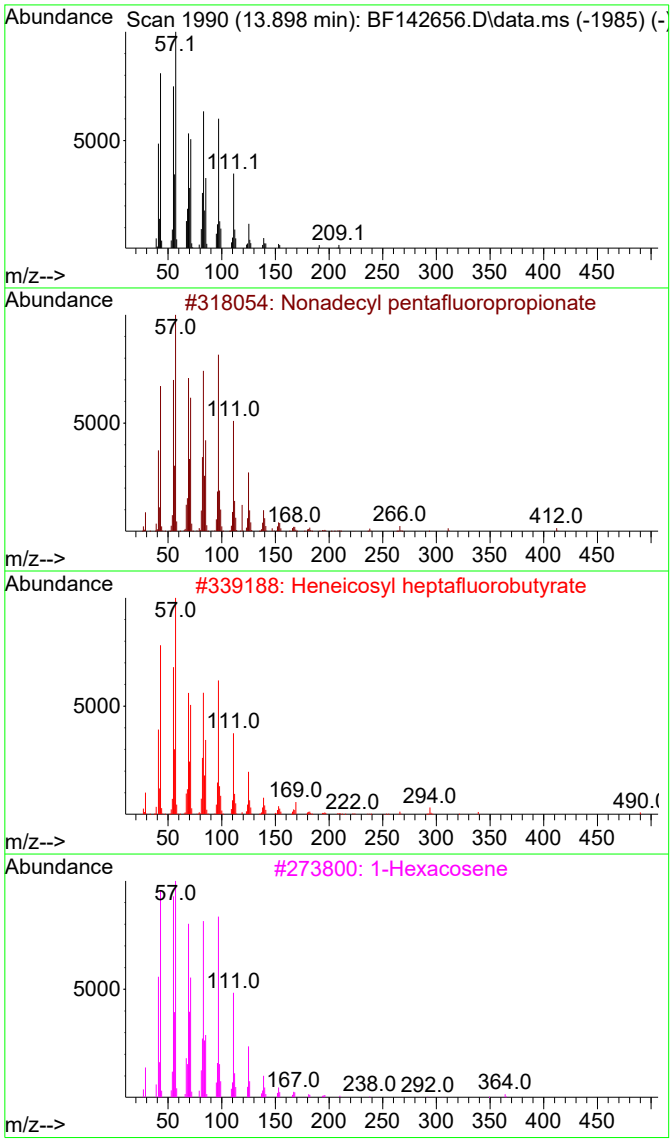
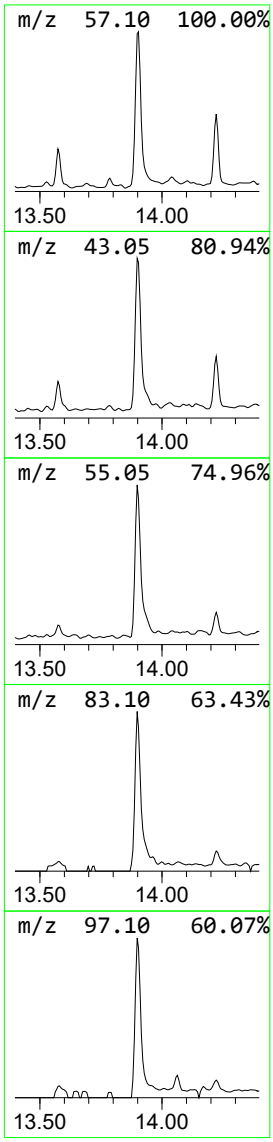
****
Peak Number 4 Nonadecyl pentafluoropropio... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.27 ng	130485	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





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	9.3	ng	337263	1	6.892	726246	20.0
Benzophenone	10.645	5.1	ng	266617	3	9.933	1050570	20.0
n-Hexadecanoic ...	11.945	4.1	ng	177042	4	11.422	872372	20.0
Nonadecyl penta...	13.898	4.3	ng	130485	5	14.063	611364	20.0