LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142484.D
Acq On : 21 May 2025 13:40
Operator : RC/JU
Sample : Q2074-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-19

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: BF142484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.092	486	493	503	rBV	79834	119776	7.10%	1.084%
2	5.498	556	562	568	rBV	839777	1124606	66.66%	10.182%
3	6.510	729	734	745	rBV	860846	1153682	68.38%	10.445%
4	6.898	795	800	805	rBV	318176	390414	23.14%	3.535%
5	7.457	889	895	900	rBV	556772	700173	41.50%	6.339%
6	7.710	935	938	944	rBV	13497	17261	1.02%	0.156%
7	8.181	1013	1018	1031	rBV	421477	514991	30.53%	4.662%
8	9.257	1195	1201	1206	rBV	1086599	1356869	80.43%	12.284%
9	9.933	1311	1316	1322	rBV	462092	587194	34.80%	5.316%
10	10.651	1433	1438	1445	rBV	113414	143288	8.49%	1.297%
11	10.722	1445	1450	1461	rBV	765428	962535	57.05%	8.714%
12	11.421	1564	1569	1576	rBV	517502	656874	38.94%	5.947%
13	11.945	1653	1658	1672	rBV2	88955	152975	9.07%	1.385%
14	12.639	1771	1776	1784	rBV	9350	19522	1.16%	0.177%
15	12.733	1788	1792	1805	rVV6	16135	33130	1.96%	0.300%
16	13.010	1834	1839	1844	rBV	1356715	1687103	100.00%	15.274%
17	13.910	1987	1992	2007	rBV	52213	117217	6.95%	1.061%
18	14.063	2013	2018	2030	rVB	494788	666613	39.51%	6.035%
19	14.533	2094	2098	2104	rBV	13185	19792	1.17%	0.179%
20	14.927	2161	2165	2170	rVB	12768	18236	1.08%	0.165%
21	15.198	2206	2211	2215	rBV	12391	18797	1.11%	0.170%
22	15.557	2266	2272	2287	rBV	377084	584375	34.64%	5.291%

Sum of corrected areas: 11045423

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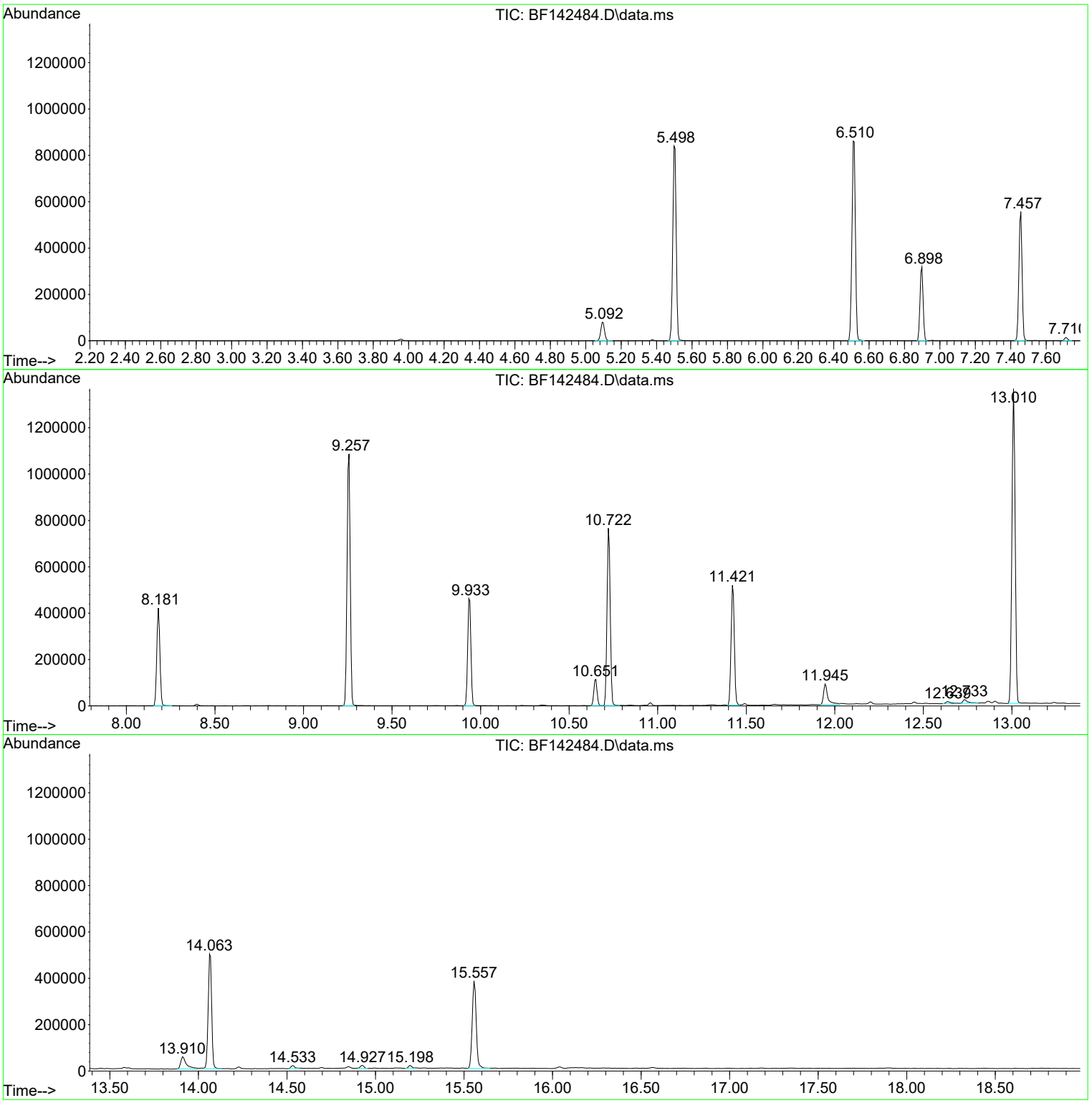
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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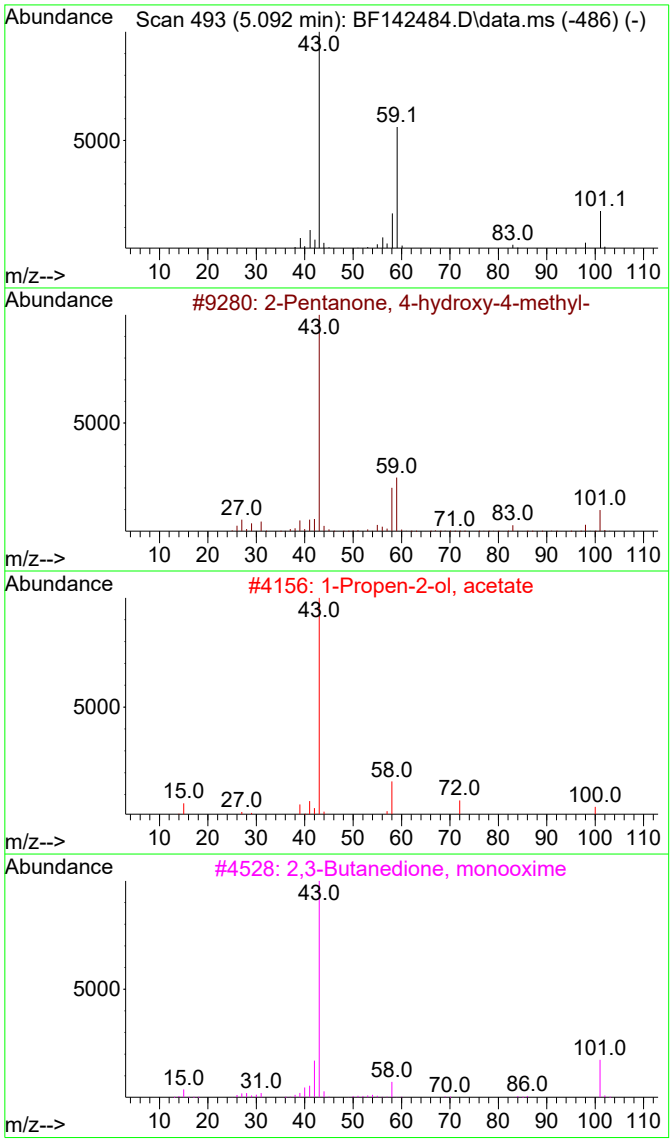
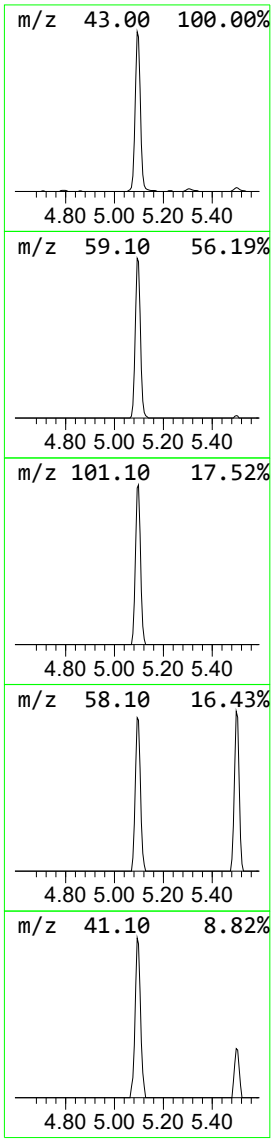
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	6.14 ng	119776	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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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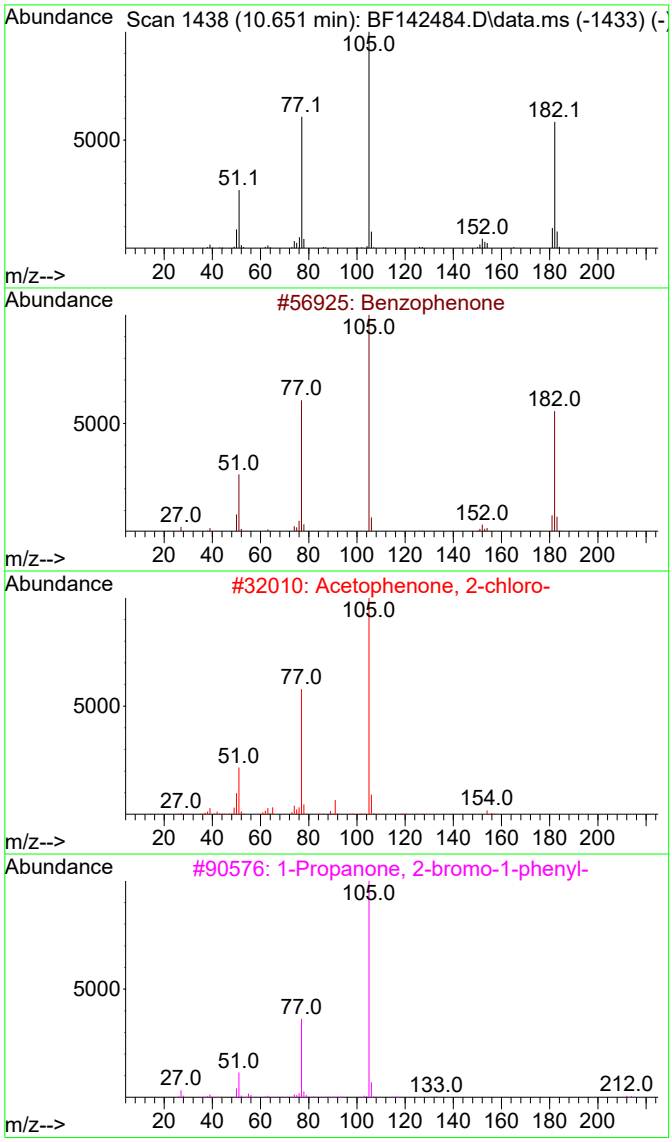
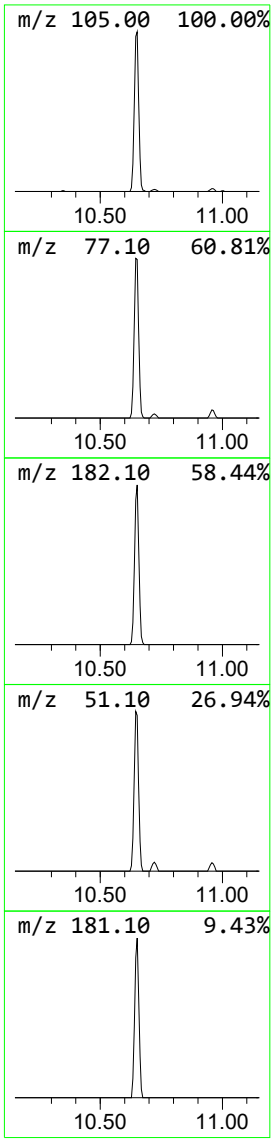
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	4.88 ng	143288	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	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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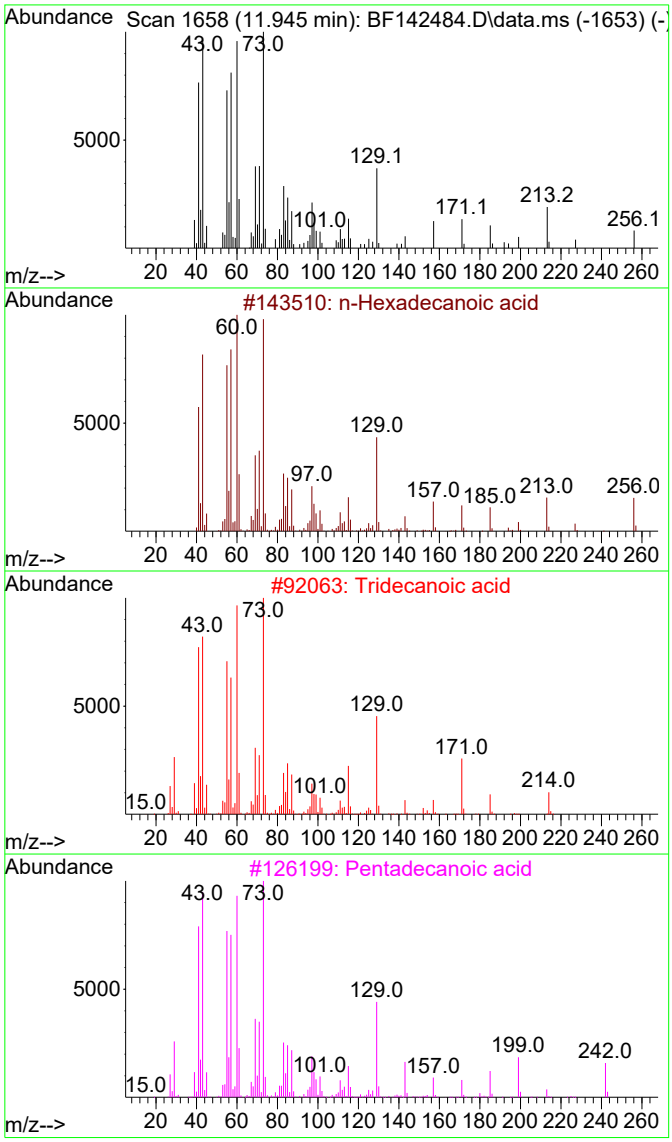
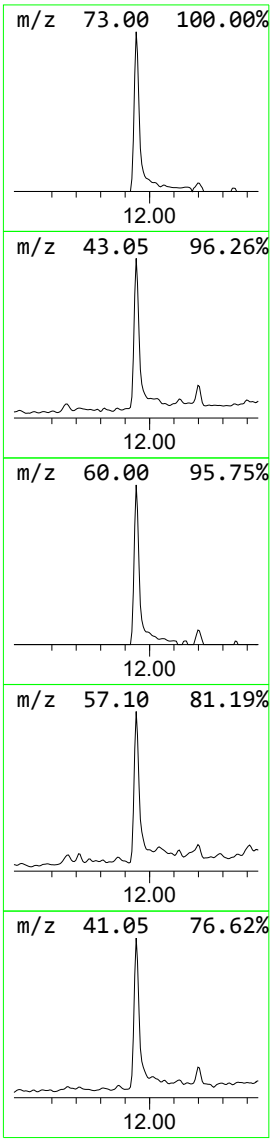
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.66 ng	152975	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	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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BNA_F
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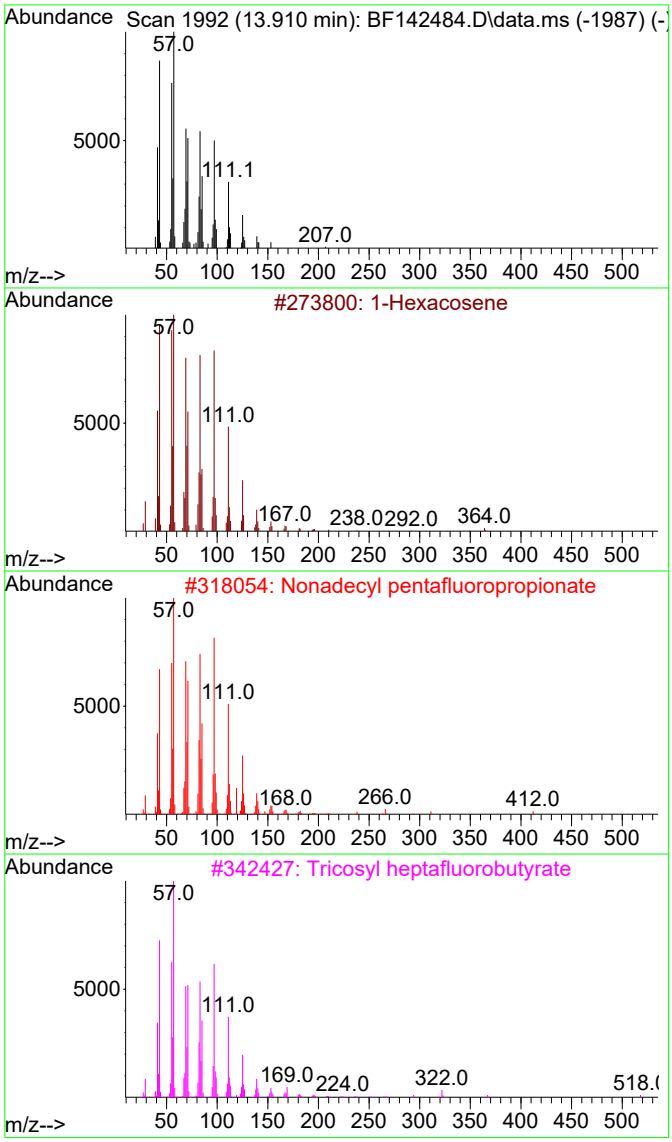
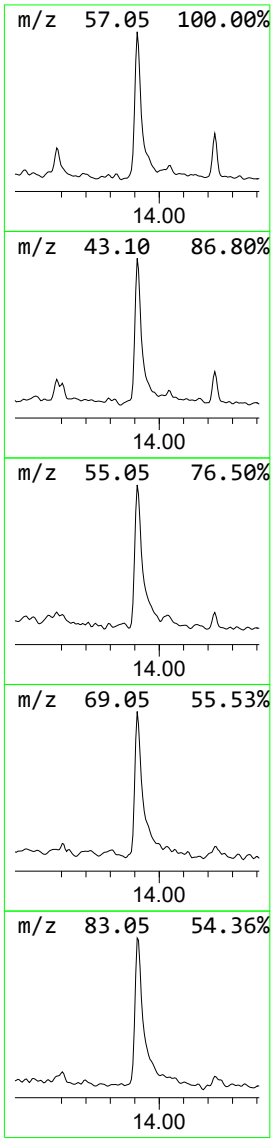
Peak Number 4 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.52 ng	117217	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	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-...	5.092	6.1	ng	119776	1	6.898	390414	20.0
Benzophenone	10.651	4.9	ng	143288	3	9.933	587194	20.0
n-Hexadecanoic ...	11.945	4.7	ng	152975	4	11.422	656874	20.0
1-Hexacosene	13.910	3.5	ng	117217	5	14.068	666613	20.0