LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142651.D
Acq On : 06 Jun 2025 17:31
Operator : RC/JU
Sample : Q2198-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-202-SB02

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: BF142651.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	487	496	508	rBV	152775	224761	8.82%	1.271%
2	5.510	558	564	584	rBV	1497750	1964082	77.08%	11.105%
3	6.516	729	735	750	rBV	1463678	1983504	77.84%	11.214%
4	6.893	794	799	804	rBV	573678	696432	27.33%	3.937%
5	7.451	888	894	905	rBV	941690	1284786	50.42%	7.264%
6	7.710	932	938	947	rVB2	13766	25530	1.00%	0.144%
7	8.175	1011	1017	1030	rBV	691666	938822	36.84%	5.308%
8	9.251	1194	1200	1205	rBV	2054739	2548207	100.00%	14.407%
9	9.934	1308	1316	1321	rBV	837024	1044588	40.99%	5.906%
10	10.645	1432	1437	1445	rBV	398504	488731	19.18%	2.763%
11	10.722	1445	1450	1464	rVB	1145302	1461111	57.34%	8.261%
12	10.957	1485	1490	1496	rBV	55028	69019	2.71%	0.390%
13	11.422	1564	1569	1578	rBV2	716409	1068619	41.94%	6.042%
14	11.498	1578	1582	1586	rVB	20290	27621	1.08%	0.156%
15	11.945	1650	1658	1665	rBV2	89342	157932	6.20%	0.893%
16	12.039	1670	1674	1684	rVB2	22327	42439	1.67%	0.240%
17	12.633	1770	1775	1781	rBV	116403	154694	6.07%	0.875%
18	12.863	1808	1814	1819	rBV	92250	136460	5.36%	0.772%
19	13.010	1833	1839	1847	rBV	1252855	1643794	64.51%	9.294%
20	13.898	1985	1990	2000	rBV	69793	122162	4.79%	0.691%
21	14.063	2012	2018	2032	rVB	459038	655334	25.72%	3.705%
22	14.539	2092	2099	2104	rBV4	21333	47360	1.86%	0.268%
23	15.121	2193	2198	2206	rBV	29163	66940	2.63%	0.378%
24	15.492	2257	2261	2266	rBV	24263	35803	1.41%	0.202%
25	15.557	2266	2272	2287	rBV	430481	741792	29.11%	4.194%
26	17.762	2641	2647	2655	rVB10	24095	56664	2.22%	0.320%

Sum of corrected areas: 17687187

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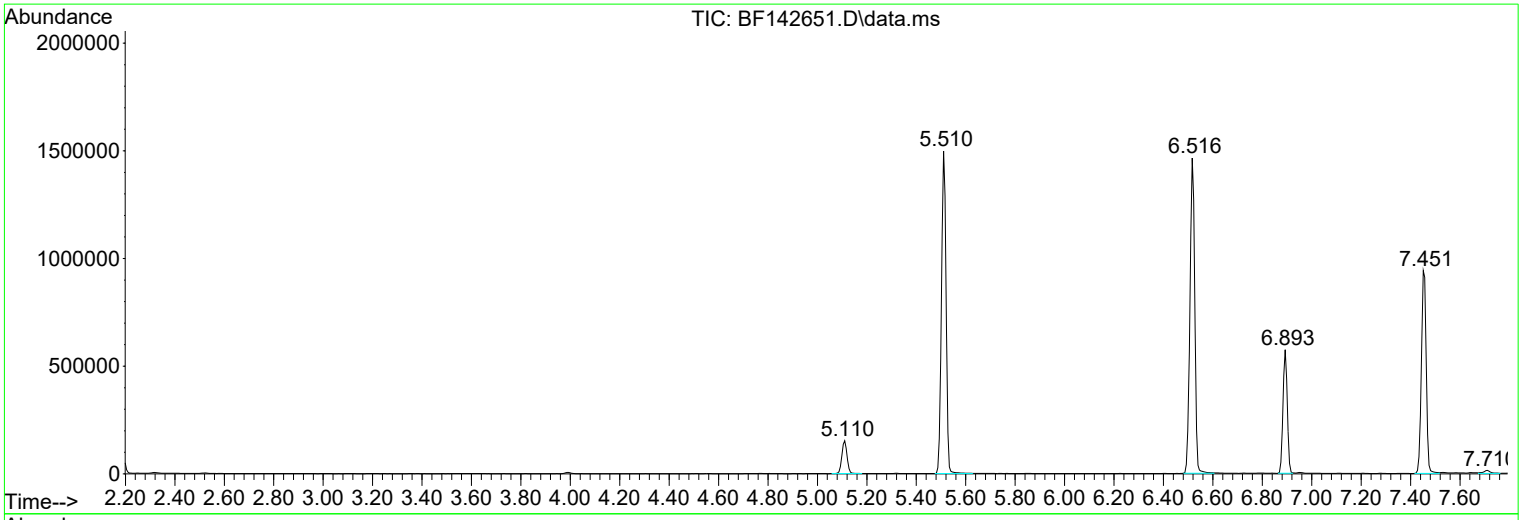
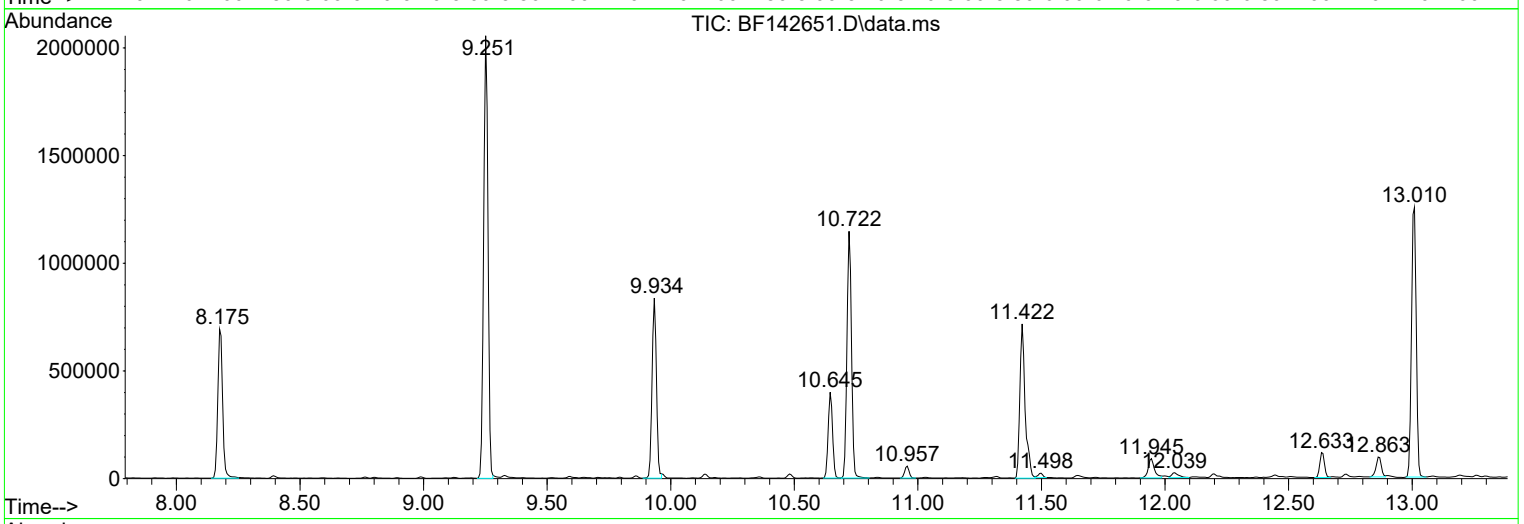
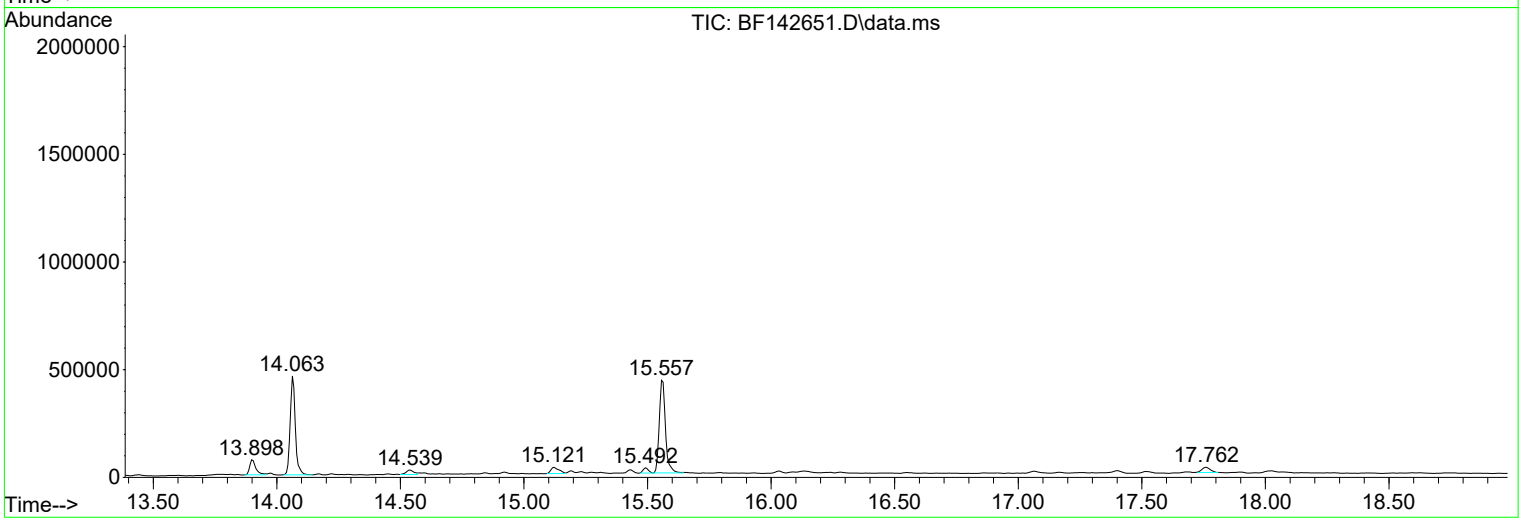
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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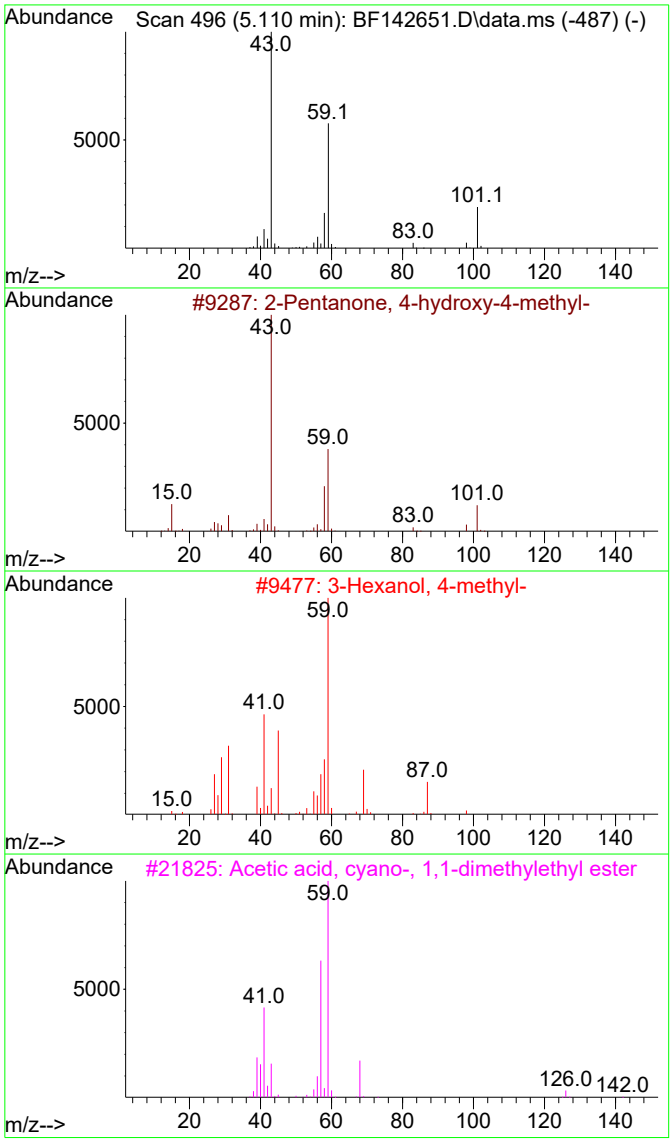
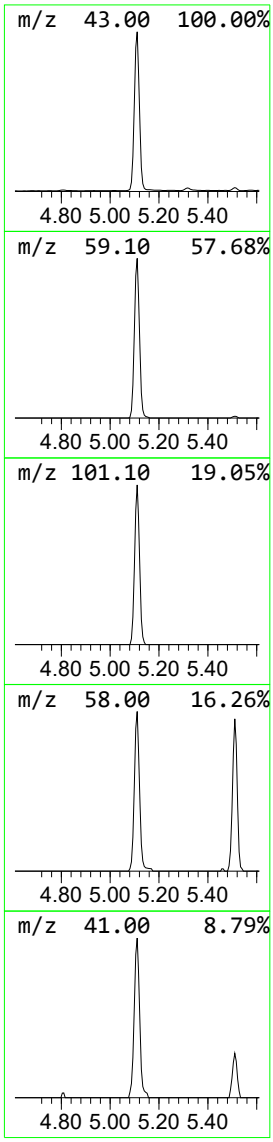
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.45 ng	224761	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	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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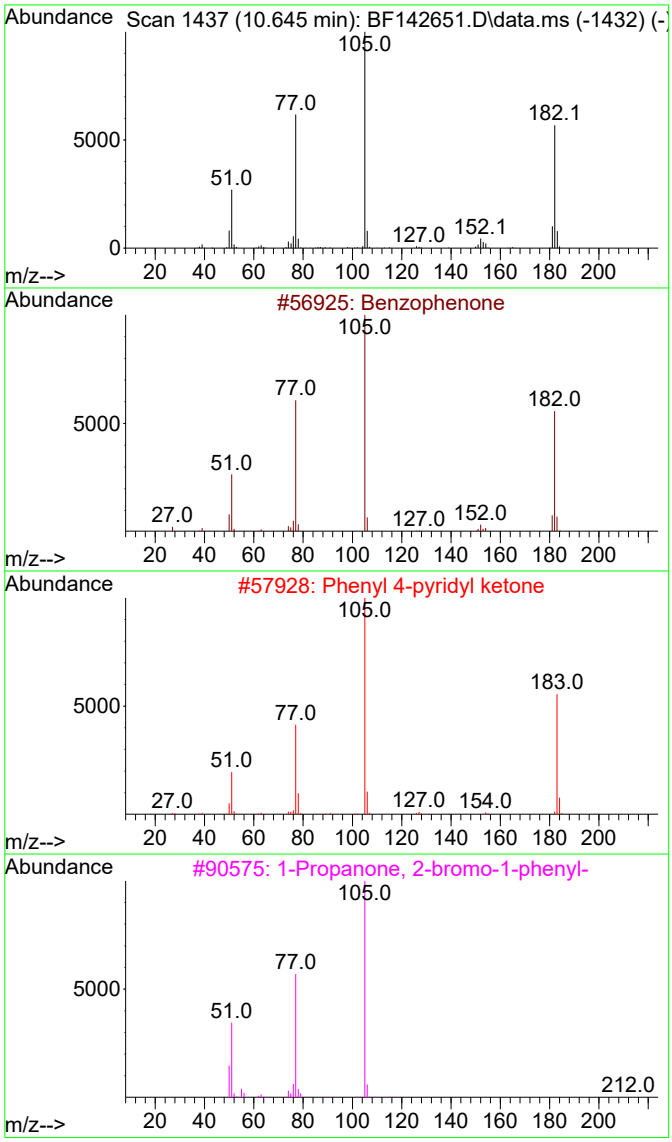
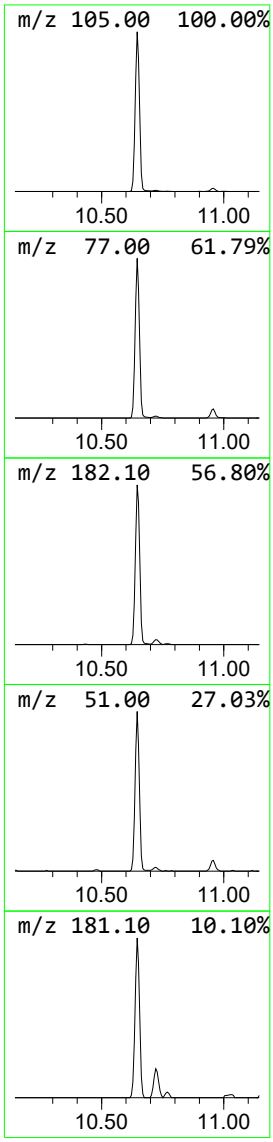
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	9.36 ng	488731	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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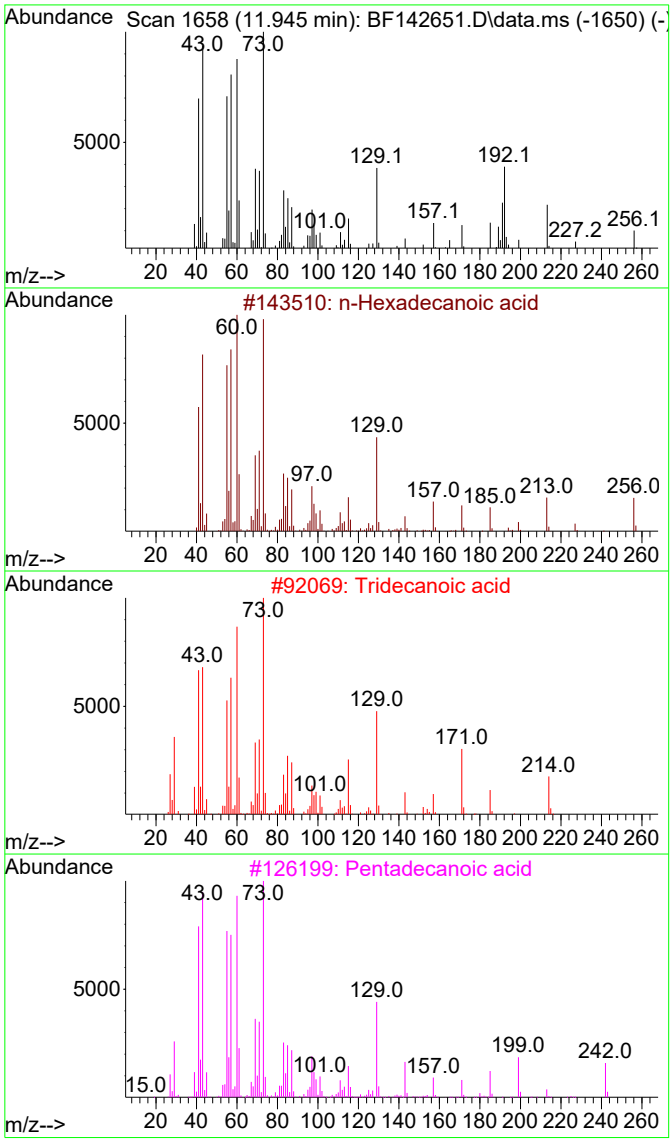
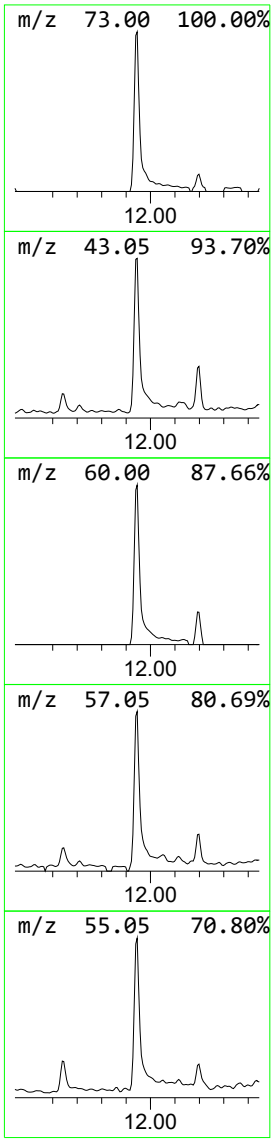
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.96 ng	157932	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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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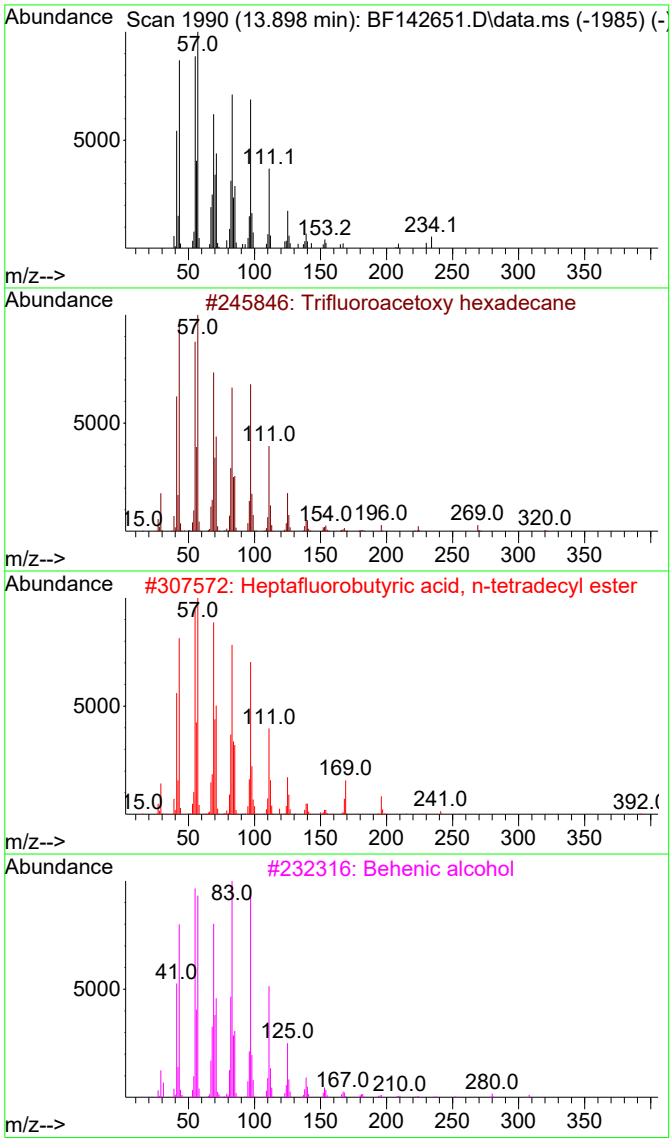
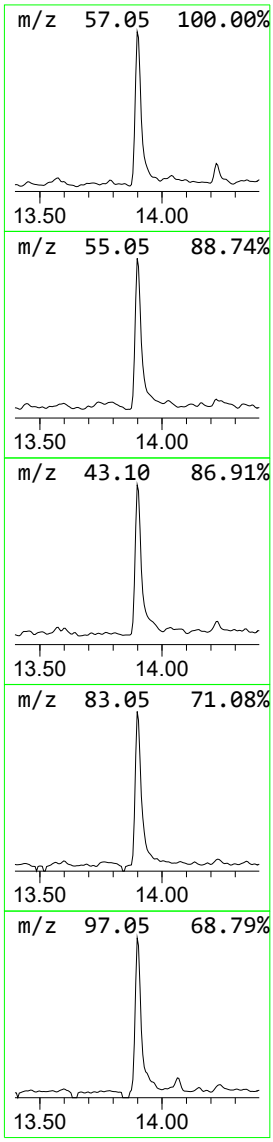
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.73 ng	122162	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Docosene	308	C22H44	001599-67-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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	6.5	ng	224761	1	6.893	696432	20.0
Benzophenone	10.645	9.4	ng	488731	3	9.934	1044590	20.0
n-Hexadecanoic ...	11.945	3.0	ng	157932	4	11.422	1068620	20.0
Trifluoroacetox...	13.898	3.7	ng	122162	5	14.063	655334	20.0