LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140637.D
Acq On : 26 Nov 2024 13:10
Operator : RC/JU
Sample : P5000-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-745

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140637.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	19	rVB	644981	838035	50.42%	6.985%
2	3.946	309	315	326	rBV	10221	17064	1.03%	0.142%
3	5.498	573	579	597	rVB	946286	1256403	75.59%	10.472%
4	6.504	745	750	776	rBV	992097	1318793	79.35%	10.992%
5	6.869	807	812	819	rBV	377877	454540	27.35%	3.789%
6	7.428	902	907	918	rBV	615396	839069	50.48%	6.994%
7	7.687	946	951	967	rVB	18846	35946	2.16%	0.300%
8	8.151	1025	1030	1054	rVB	450977	588143	35.39%	4.902%
9	9.222	1207	1212	1223	rBV	1316812	1662051	100.00%	13.854%
10	9.904	1323	1328	1344	rBV	500261	649751	39.09%	5.416%
11	10.616	1444	1449	1458	rBV	85380	112338	6.76%	0.936%
12	10.698	1458	1463	1479	rBV	699030	934843	56.25%	7.792%
13	11.398	1576	1582	1590	rBV	494989	654273	39.37%	5.454%
14	11.916	1665	1670	1686	rBV2	64022	118101	7.11%	0.984%
15	12.980	1846	1851	1856	rBV	1209675	1503653	90.47%	12.533%
16	13.874	1998	2003	2019	rBV	42377	107179	6.45%	0.893%
17	14.045	2027	2032	2046	rVB	310482	420129	25.28%	3.502%
18	14.804	2157	2161	2170	rBV2	19913	34629	2.08%	0.289%
19	14.892	2172	2176	2182	rVB	15985	22411	1.35%	0.187%
20	15.539	2280	2286	2306	rVB	256077	429870	25.86%	3.583%

Sum of corrected areas: 11997221

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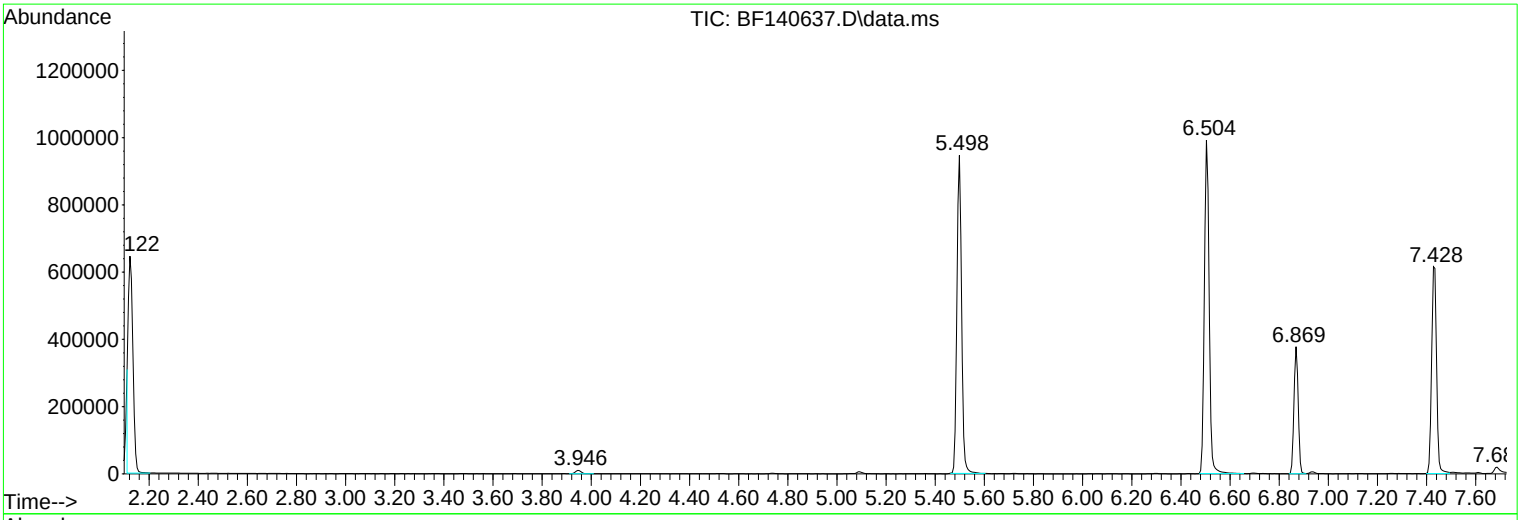
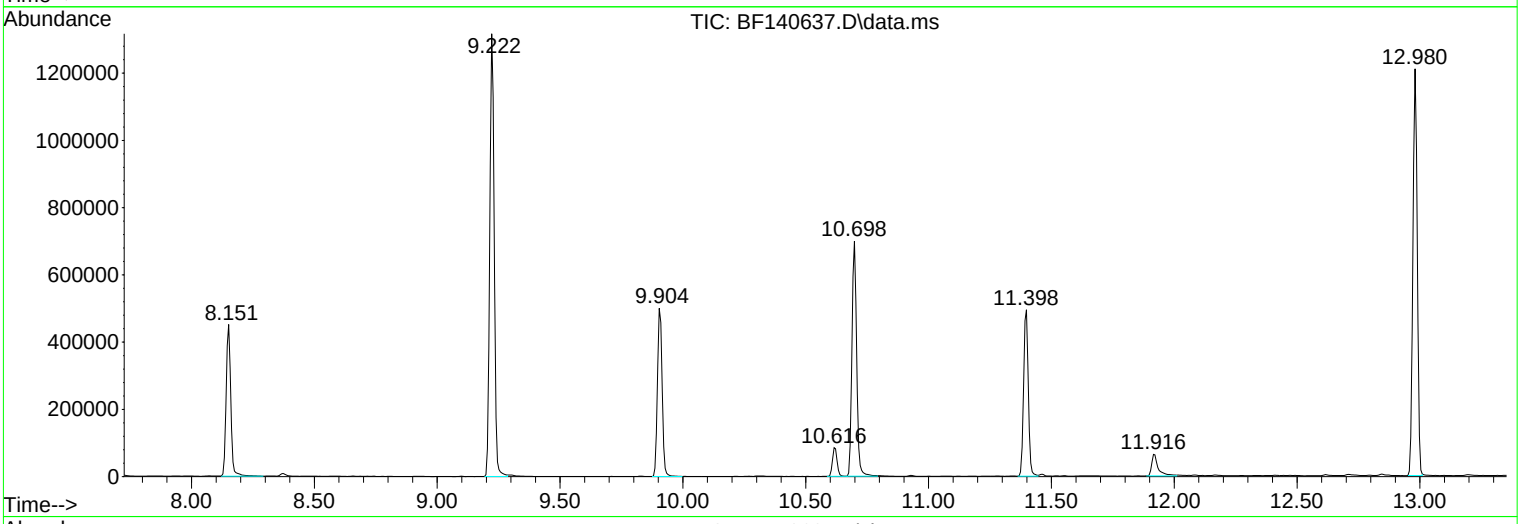
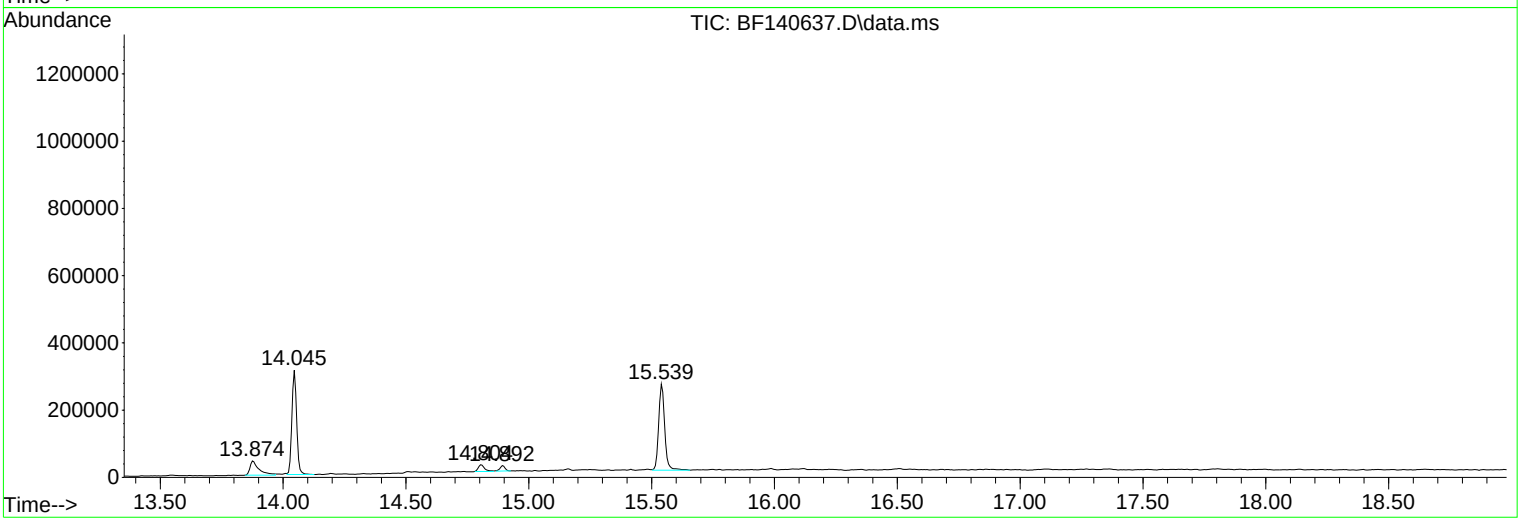
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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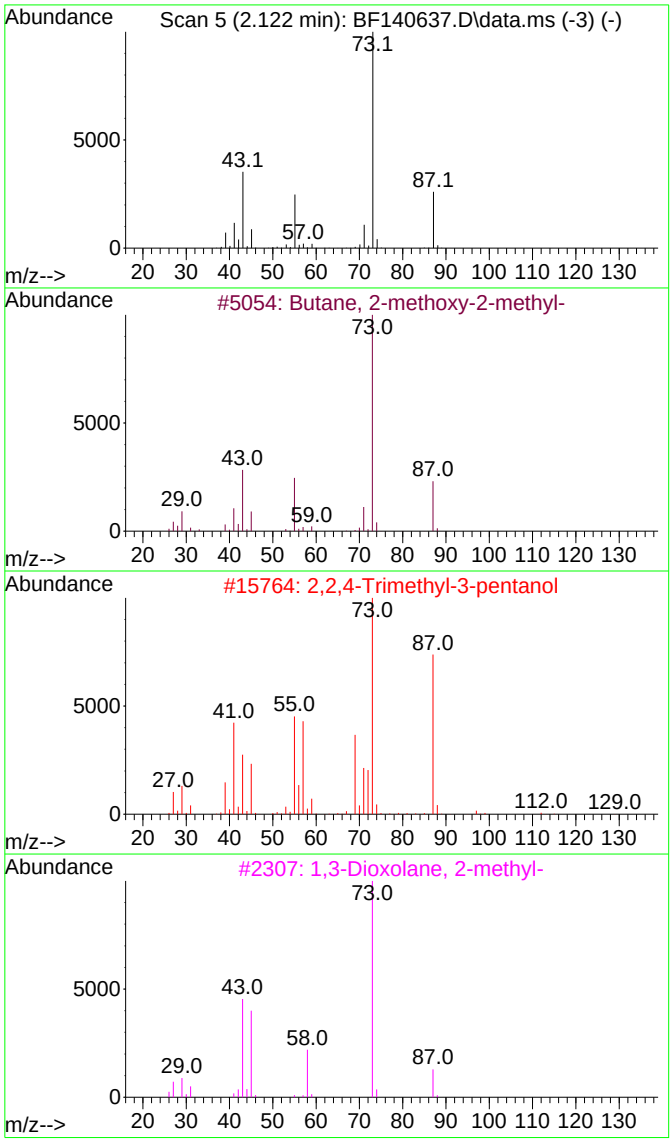
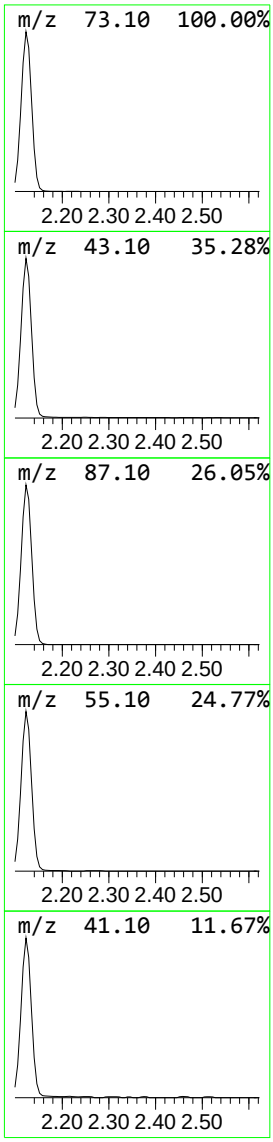
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	36.87 ng	838035	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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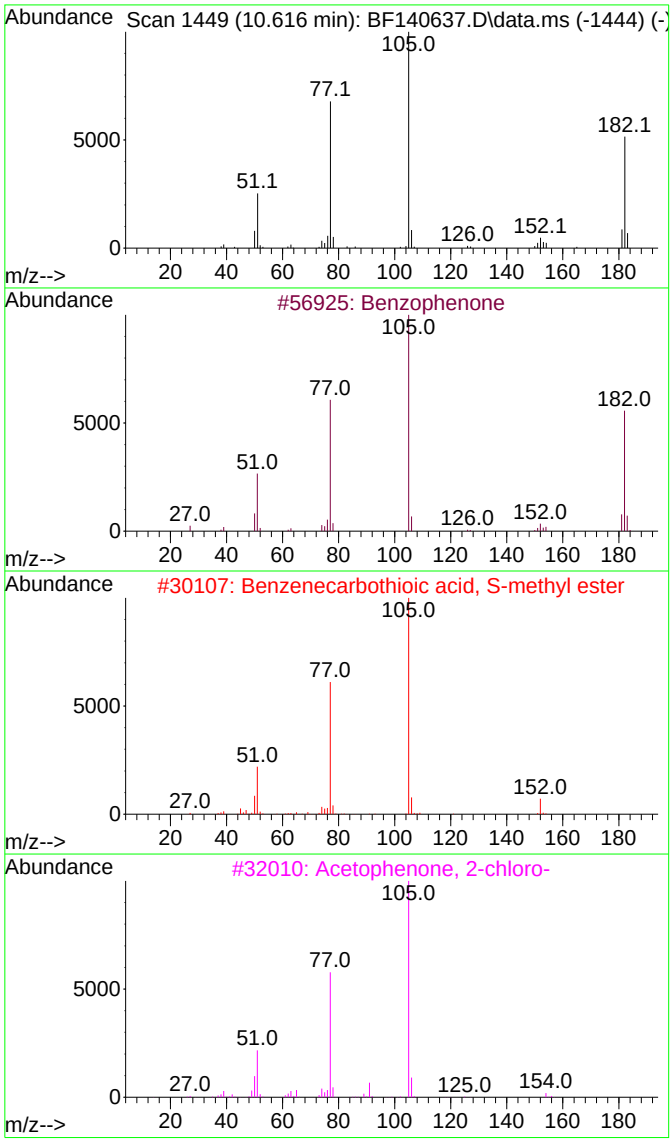
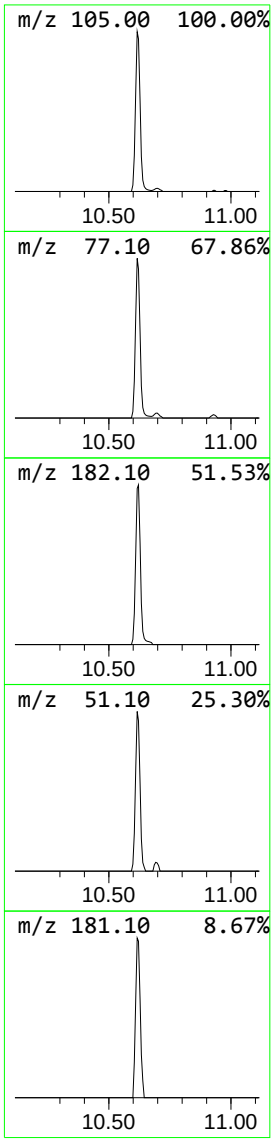
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.46 ng	112338	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47





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Sample : P5000-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-745

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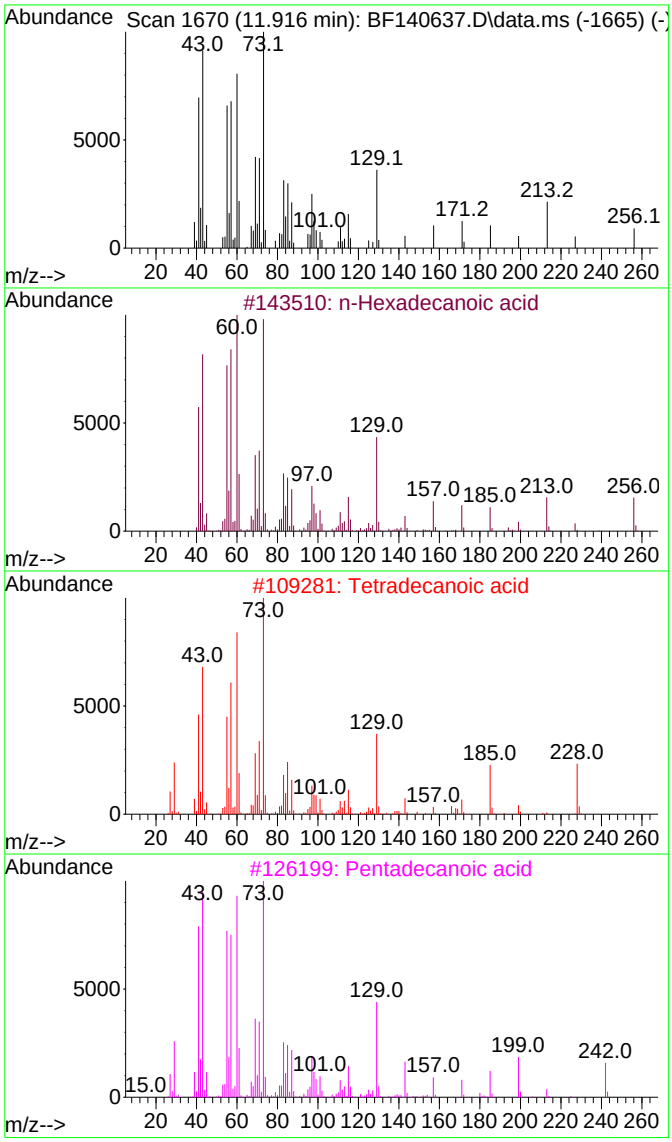
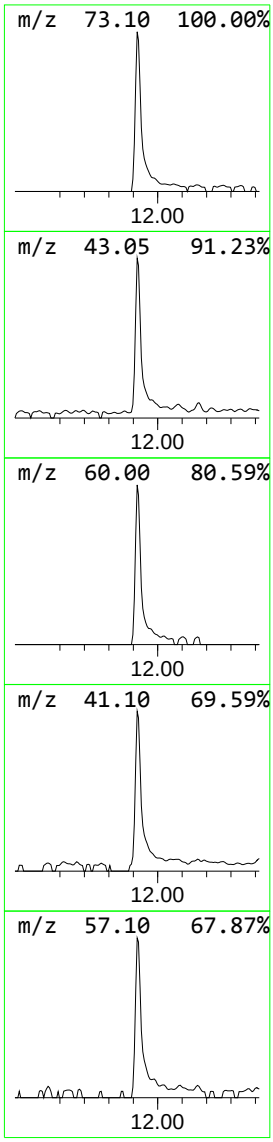
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.61 ng	118101	Phenanthrene-d10	11.398

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	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	18





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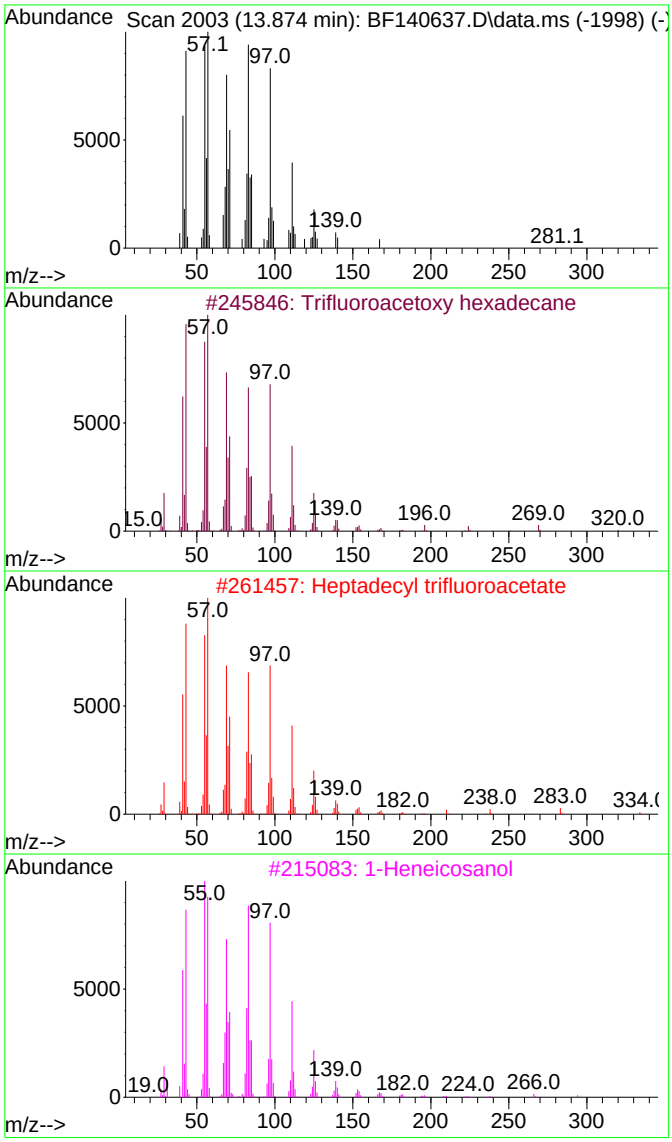
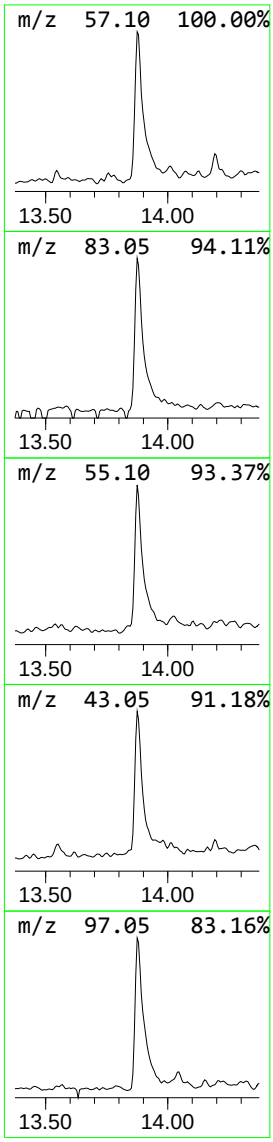
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.10 ng	107179	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	92
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.122	36.9	ng	838035	1	6.869	454540	20.0
Benzophenone	10.616	3.5	ng	112338	3	9.904	649751	20.0
n-Hexadecanoic ...	11.916	3.6	ng	118101	4	11.398	654273	20.0
Trifluoroacetox...	13.874	5.1	ng	107179	5	14.045	420129	20.0