LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142878.D
Acq On : 26 Jun 2025 20:03
Operator : RC/JU
Sample : Q2415-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	487	493	503	rVB	92560	141207	9.20%	1.313%
2	5.493	555	561	577	rBV	1017954	1329831	86.66%	12.369%
3	6.504	727	733	738	rBV	996088	1315936	85.75%	12.240%
4	6.875	791	796	801	rBV	376063	453290	29.54%	4.216%
5	7.440	886	892	902	rBV	647423	854780	55.70%	7.950%
6	8.157	1009	1014	1022	rBV	460389	567978	37.01%	5.283%
7	9.234	1192	1197	1202	rBV	1251114	1534592	100.00%	14.274%
8	9.916	1308	1313	1318	rBV	465617	564515	36.79%	5.251%
9	10.628	1429	1434	1441	rBV	174211	214167	13.96%	1.992%
10	10.704	1442	1447	1458	rVB	556351	696912	45.41%	6.482%
11	10.828	1463	1468	1475	rVB	15572	23734	1.55%	0.221%
12	10.939	1483	1487	1493	rVB	13293	17483	1.14%	0.163%
13	11.404	1561	1566	1576	rBV	380813	500692	32.63%	4.657%
14	11.928	1648	1655	1663	rBV3	36968	70476	4.59%	0.656%
15	12.016	1667	1670	1680	rVB3	9577	20115	1.31%	0.187%
16	12.622	1768	1773	1777	rBV	69017	90188	5.88%	0.839%
17	12.851	1806	1812	1816	rBV	69296	104821	6.83%	0.975%
18	12.992	1830	1836	1844	rVB	882780	1131692	73.75%	10.526%
19	13.175	1862	1867	1871	rVB	9328	15945	1.04%	0.148%
20	13.892	1985	1989	1998	rVB3	30726	59980	3.91%	0.558%
21	14.051	2010	2016	2026	rVB2	345119	534163	34.81%	4.968%
22	15.104	2190	2195	2203	rBV	52703	127215	8.29%	1.183%
23	15.474	2255	2258	2264	rVB	32677	49578	3.23%	0.461%
24	15.545	2264	2270	2279	rVB	200727	332032	21.64%	3.088%

Sum of corrected areas: 10751322

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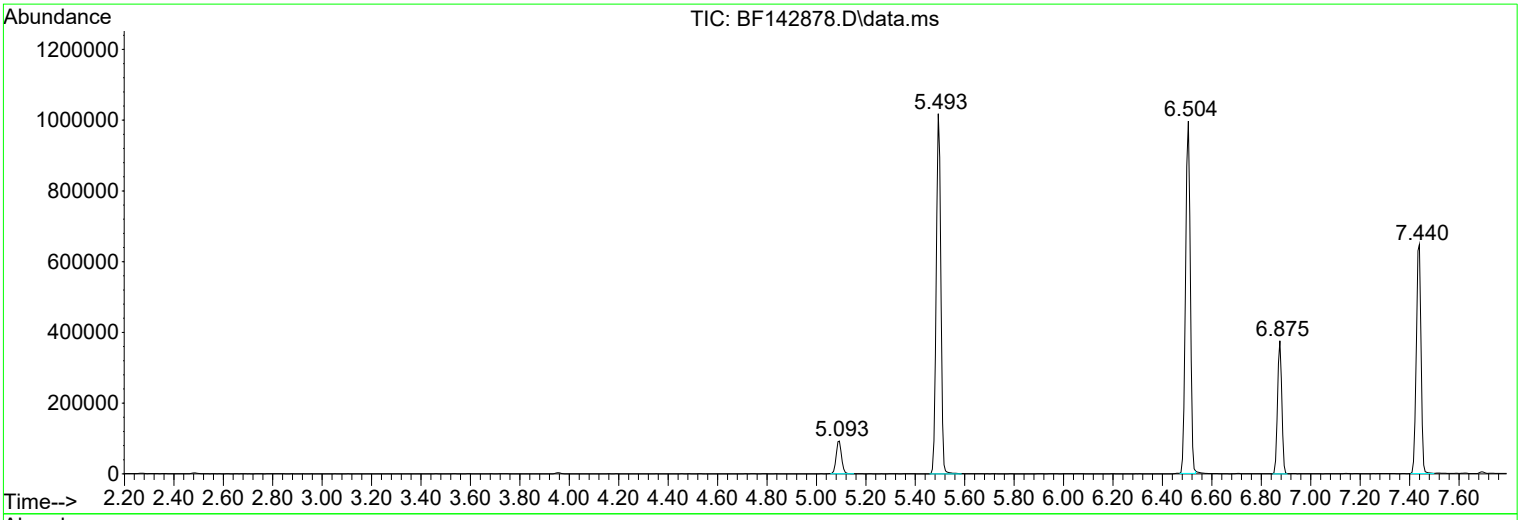
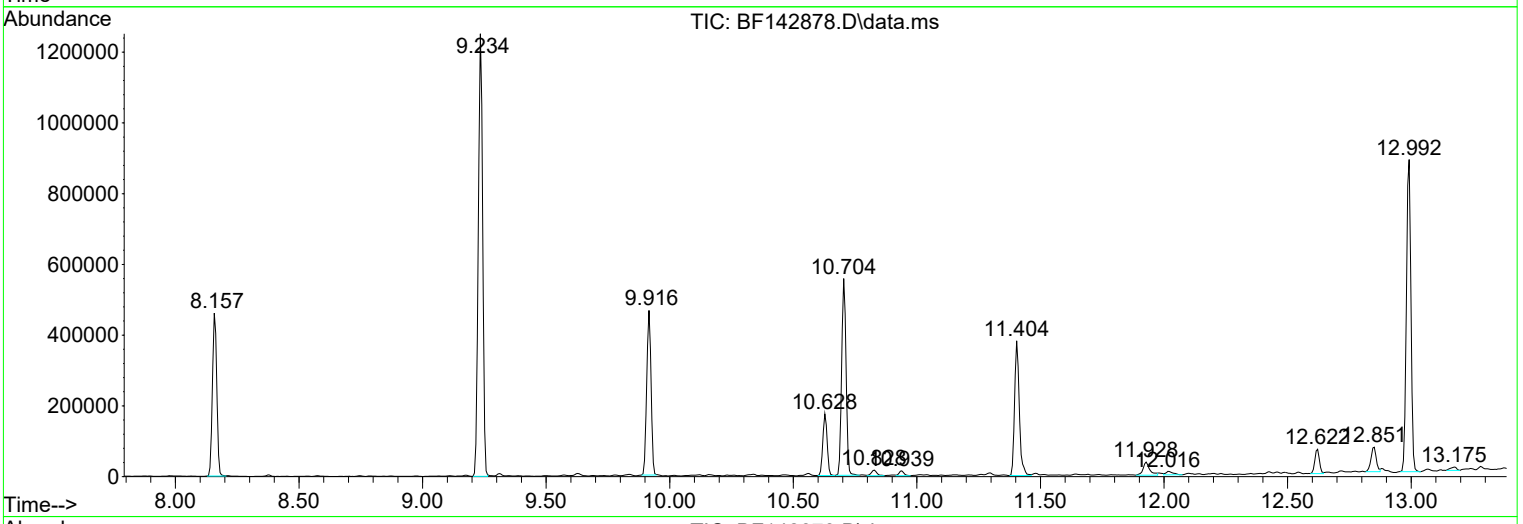
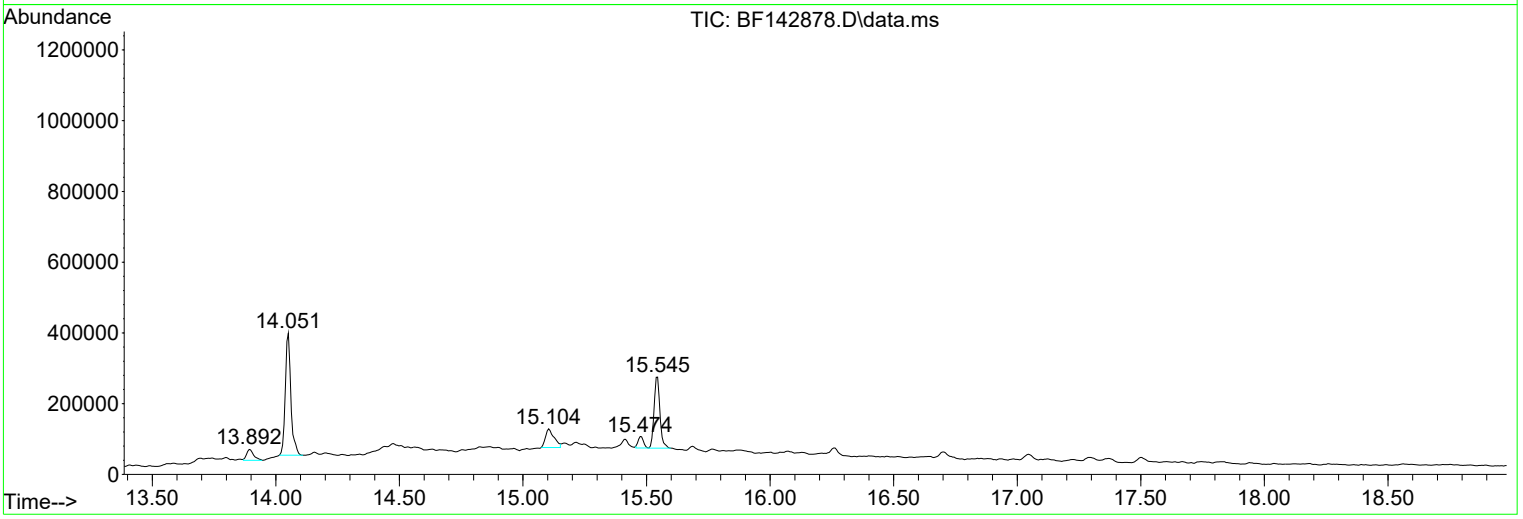
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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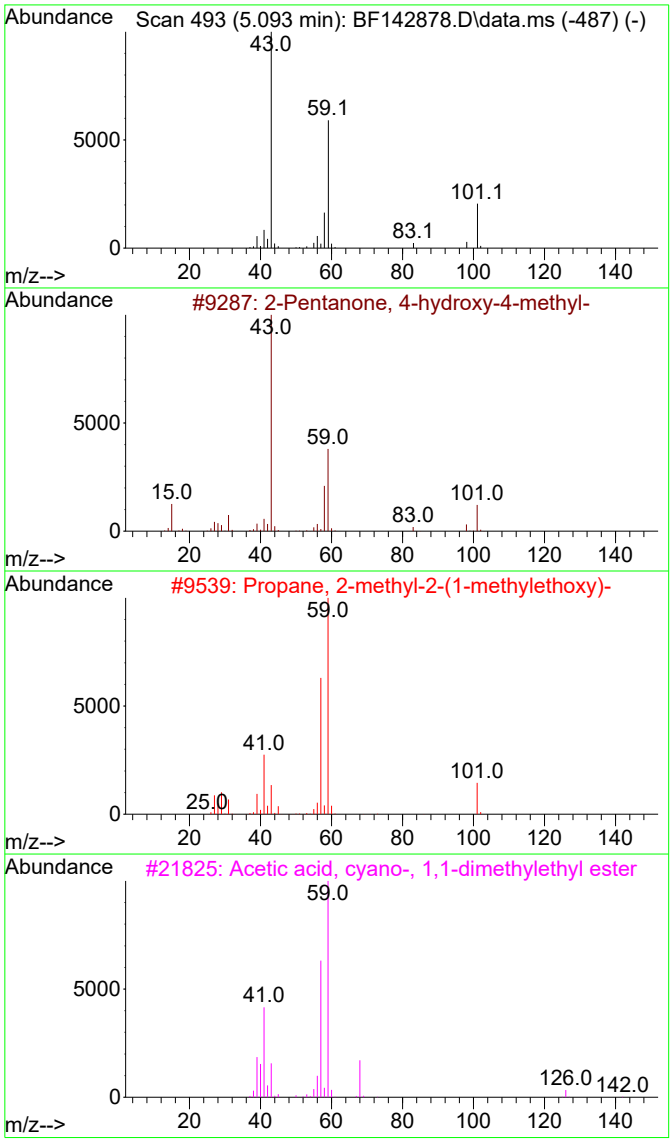
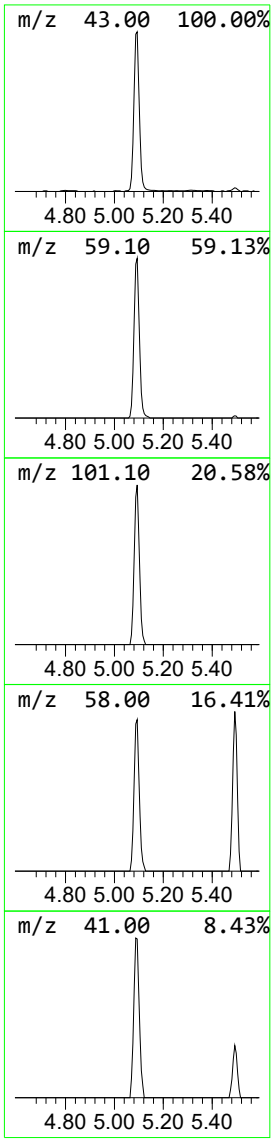
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	6.23 ng	141207	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	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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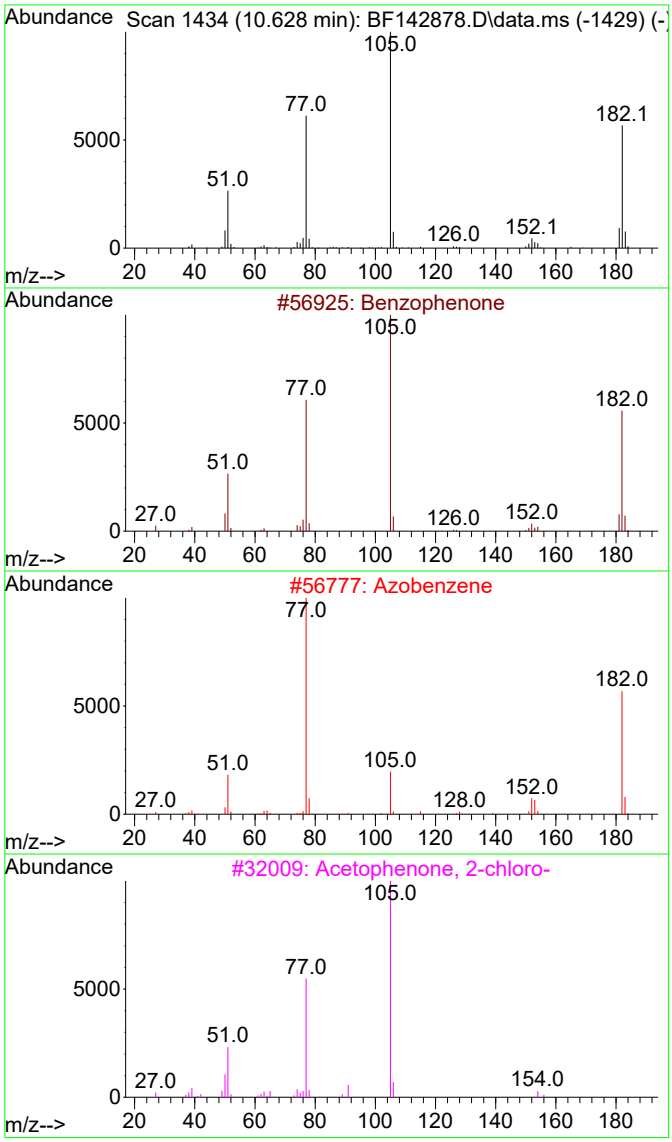
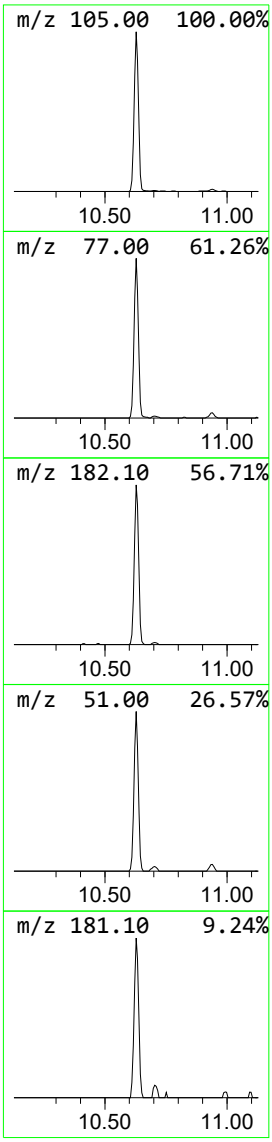
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	7.59 ng	214167	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





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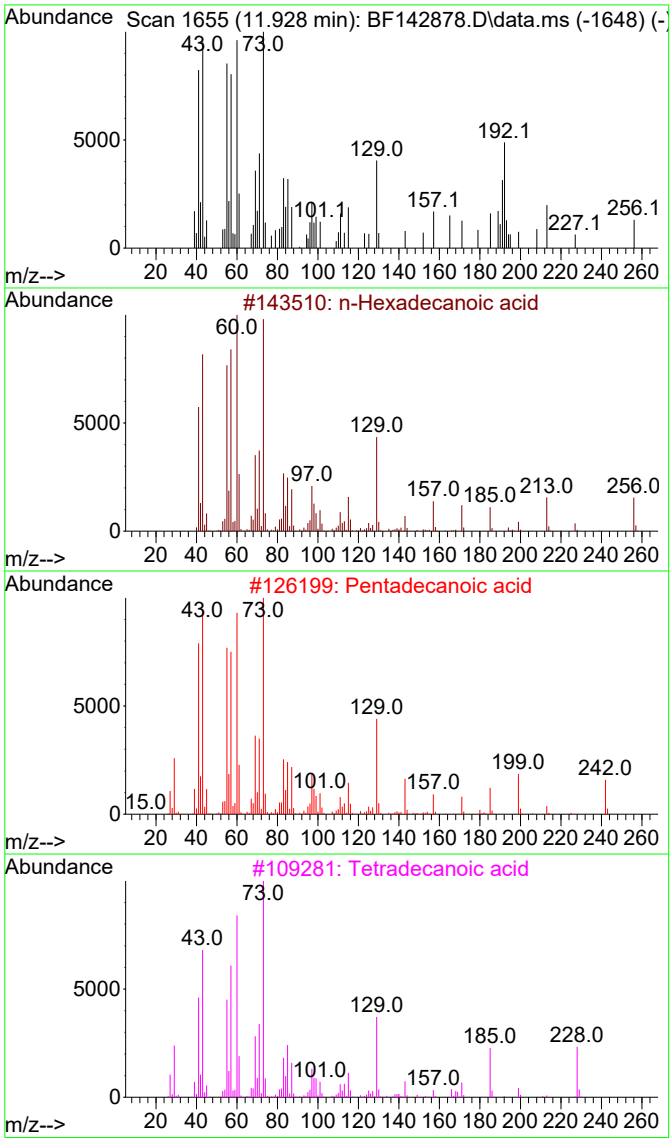
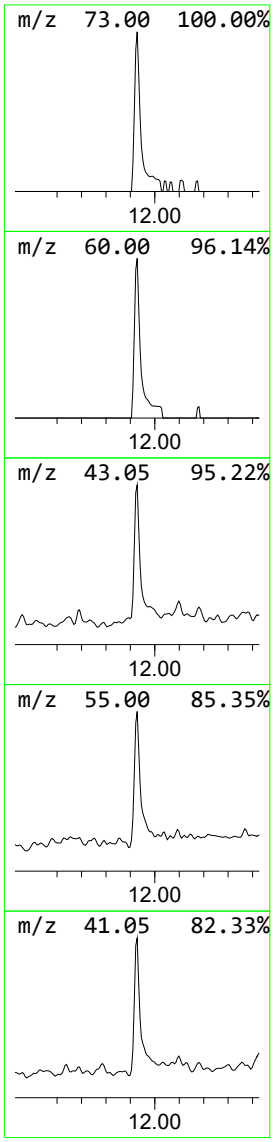
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	2.82 ng	70476	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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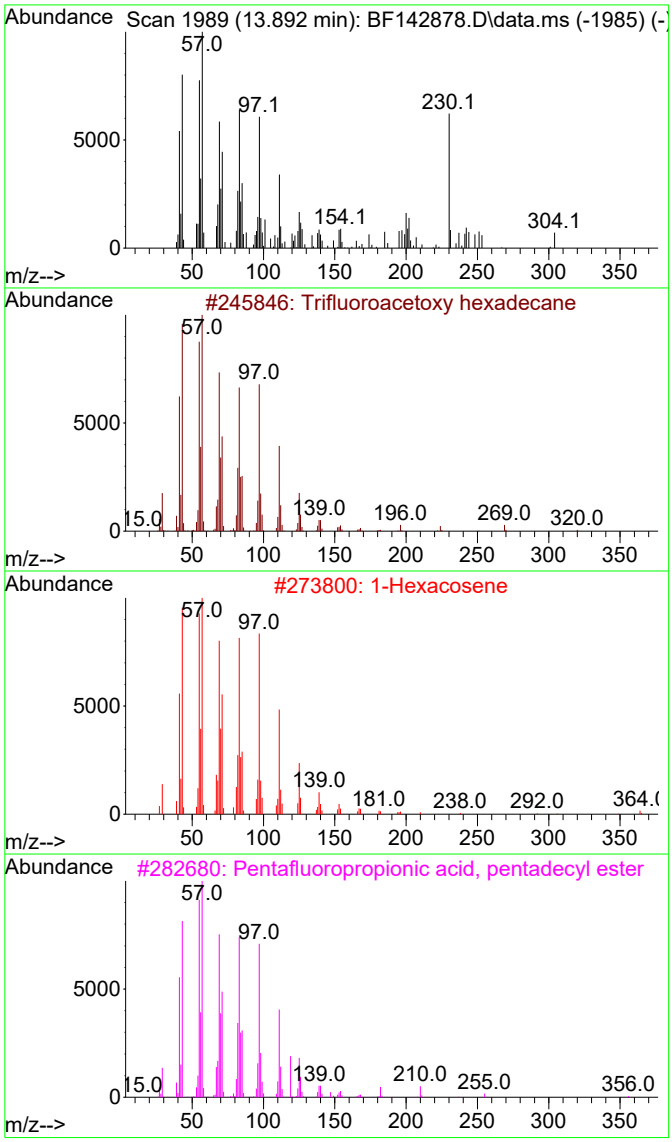
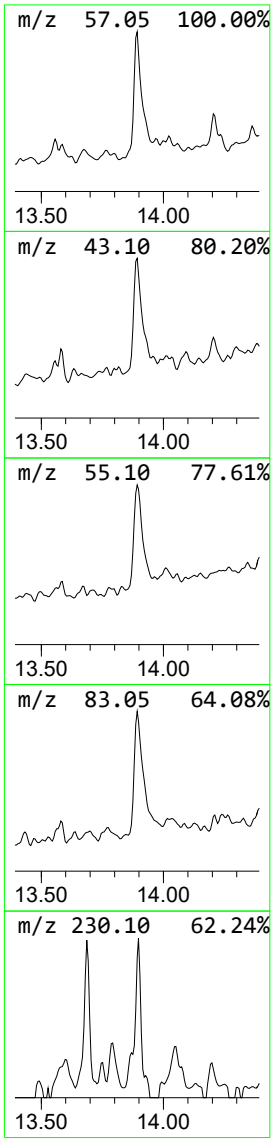
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.25 ng	59980	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93





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-...	5.093	6.2	ng	141207	1	6.875	453290	20.0
Benzophenone	10.628	7.6	ng	214167	3	9.916	564515	20.0
n-Hexadecanoic ...	11.928	2.8	ng	70476	4	11.404	500692	20.0
Trifluoroacetox...	13.892	2.3	ng	59980	5	14.051	534163	20.0