LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142985.D
Acq On : 02 Jul 2025 22:22
Operator : RC/JU
Sample : Q2458-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-55

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: BF142985.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	485	490	503	rVB	56912	85405	8.40%	1.155%
2	5.487	554	560	581	rVB	645134	848669	83.51%	11.473%
3	6.498	727	732	749	rBV	617385	822896	80.97%	11.124%
4	6.869	790	795	801	rBV	241978	295480	29.07%	3.994%
5	7.434	885	891	902	rBV	426846	537078	52.85%	7.260%
6	8.157	1009	1014	1033	rVB	285355	359690	35.39%	4.862%
7	9.228	1191	1196	1201	rBV	808254	1016302	100.00%	13.739%
8	9.775	1285	1289	1293	rBV	12392	15478	1.52%	0.209%
9	9.910	1307	1312	1318	rVB	284037	351075	34.54%	4.746%
10	10.622	1428	1433	1441	rVV	76449	100563	9.89%	1.359%
11	10.704	1441	1447	1455	rBV	428129	558418	54.95%	7.549%
12	10.816	1461	1466	1474	rVB2	10927	20774	2.04%	0.281%
13	11.404	1560	1566	1574	rBV	273746	366131	36.03%	4.950%
14	11.922	1647	1654	1667	rBV3	62813	129849	12.78%	1.755%
15	12.016	1667	1670	1679	rVB6	11099	24647	2.43%	0.333%
16	12.092	1679	1683	1688	rBV5	7340	11289	1.11%	0.153%
17	12.457	1741	1745	1747	rBV	11004	15599	1.53%	0.211%
18	12.616	1768	1772	1777	rBV	69435	90968	8.95%	1.230%
19	12.710	1785	1788	1793	rBV	11652	17116	1.68%	0.231%
20	12.845	1805	1811	1818	rBV	84281	131358	12.93%	1.776%
21	12.986	1830	1835	1842	rVB	723342	919313	90.46%	12.428%
22	13.280	1882	1885	1888	rBV2	13501	16889	1.66%	0.228%
23	13.892	1986	1989	1999	rVB6	33886	68801	6.77%	0.930%
24	14.045	2010	2015	2027	rBV2	215939	376377	37.03%	5.088%
25	15.545	2266	2270	2278	rVB	134810	217150	21.37%	2.936%

Sum of corrected areas: 7397315

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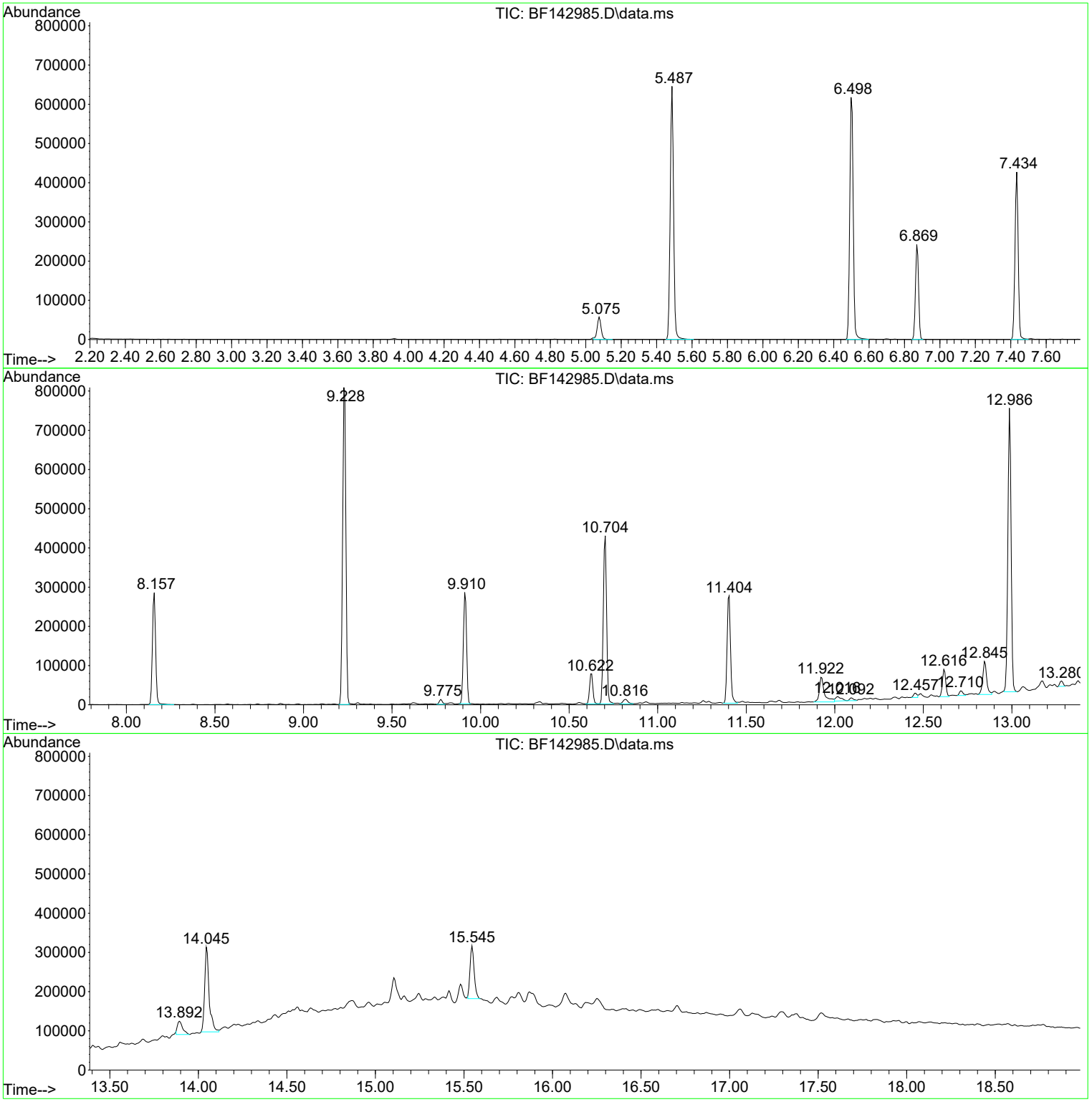
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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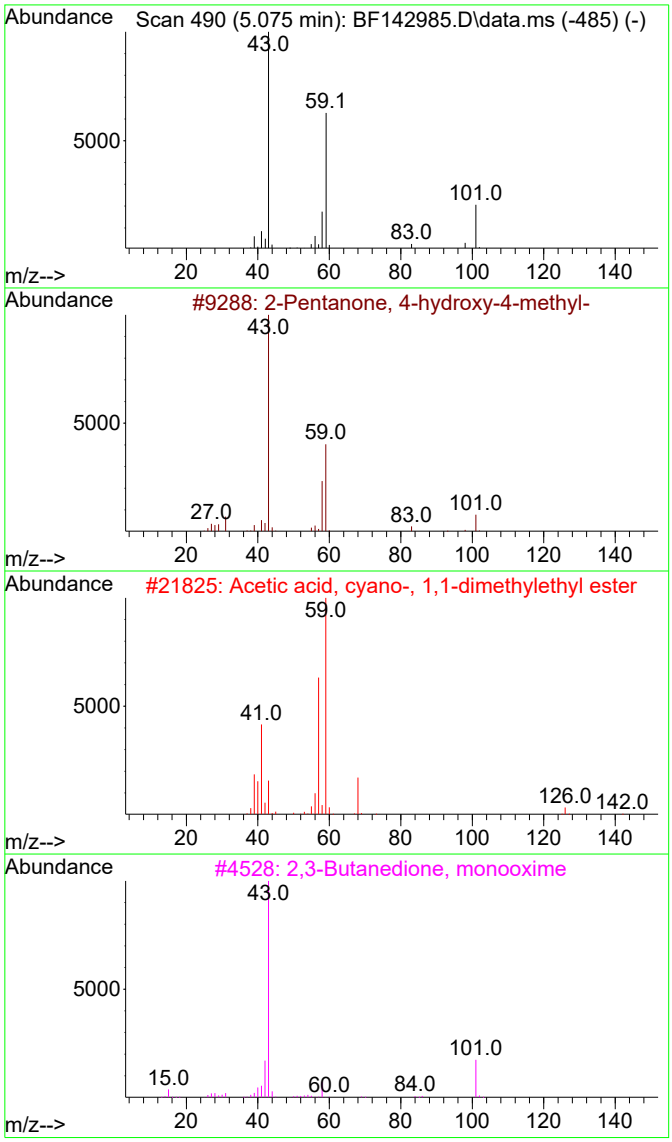
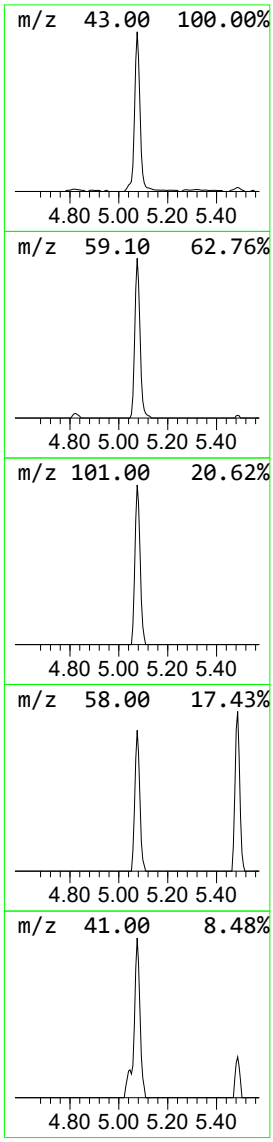
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	5.78 ng	85405	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Guanidine	59	CH5N3	000113-00-8	9





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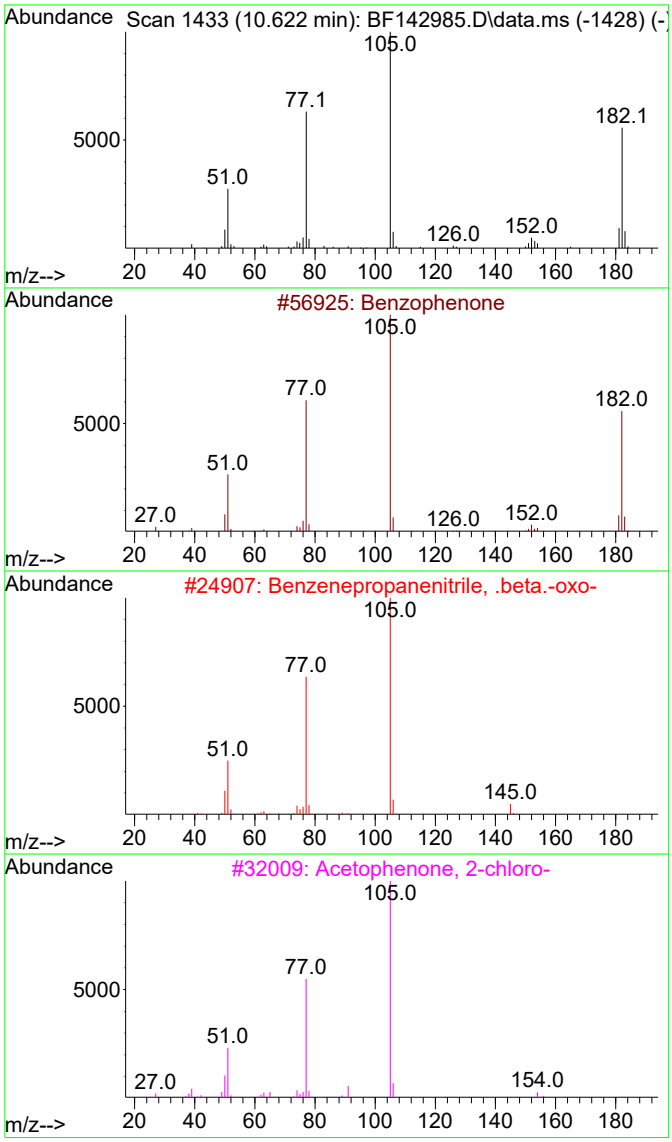
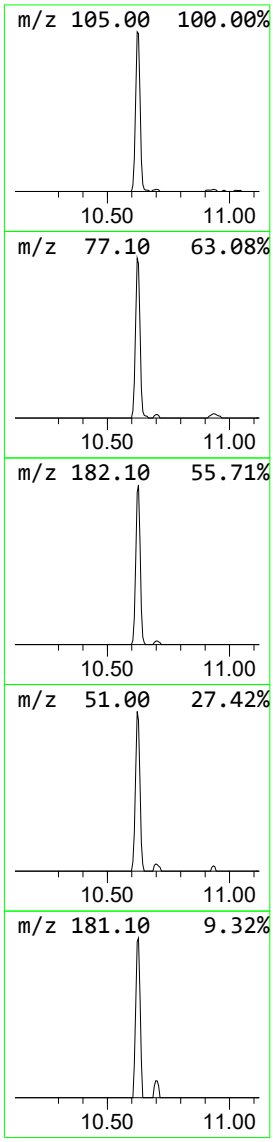
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	5.73 ng	100563	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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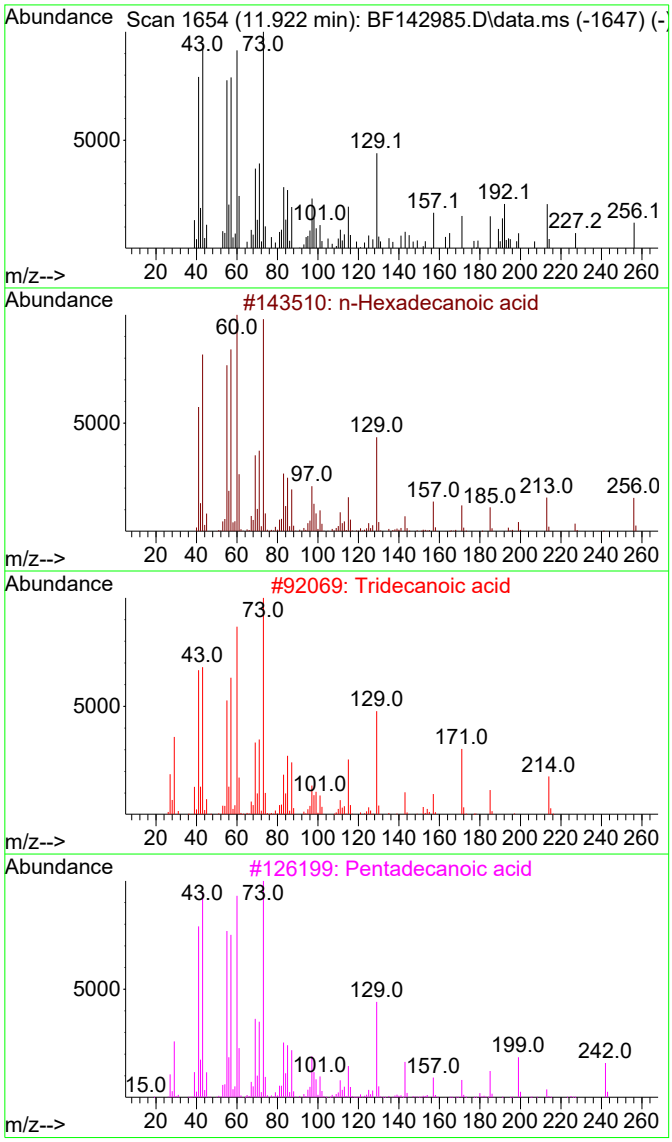
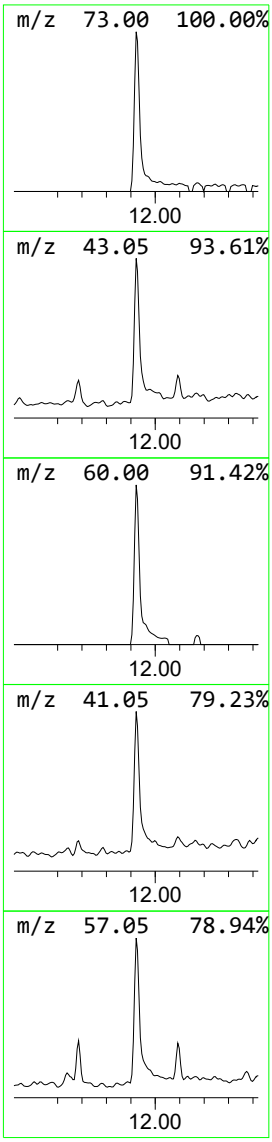
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	7.09 ng	129849	Phenanthrene-d10	11.404

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18





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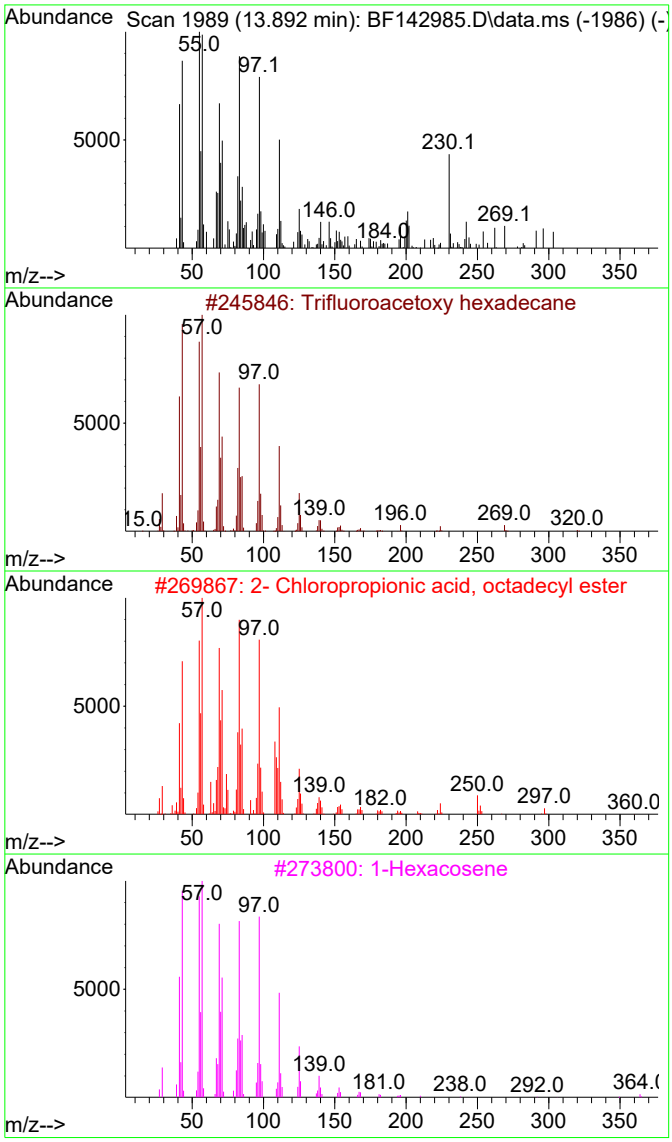
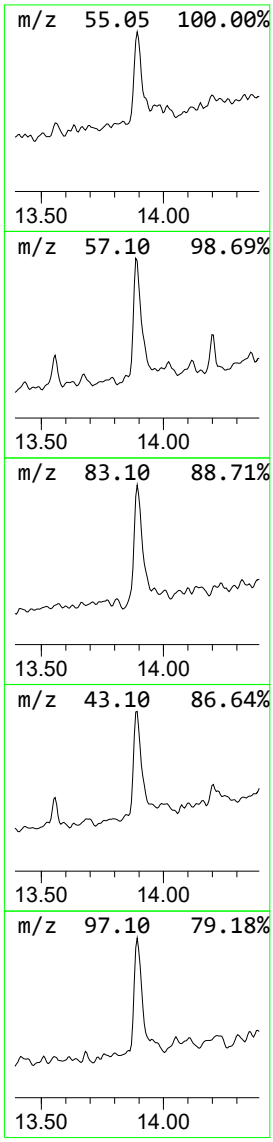
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.66 ng	68801	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	1-Tricosene	322	C23H46	018835-32-0	90
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	86





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-...	5.075	5.8	ng	85405	1	6.869	295480	20.0
Benzophenone	10.622	5.7	ng	100563	3	9.910	351075	20.0
n-Hexadecanoic ...	11.922	7.1	ng	129849	4	11.404	366131	20.0
Trifluoroacetox...	13.892	3.7	ng	68801	5	14.051	376377	20.0