LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123860.D
Acq On : 6 May 2021 18:04
Operator : JU/CG
Sample : M2304-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C8-GW

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-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123860.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.746	278	282	286	rBV2	53616	77637	1.40%	0.233%
2	5.410	561	565	576	rBV	3012898	2703204	48.65%	8.127%
3	6.428	735	738	749	rBV	2140343	1817730	32.72%	5.465%
4	6.622	768	771	777	rBV2	66377	89770	1.62%	0.270%
5	6.792	796	800	803	rBV	1258463	1050851	18.91%	3.159%
6	7.357	888	896	899	rBV	4274319	3715445	66.87%	11.171%
7	7.563	927	931	935	rVB3	76029	70767	1.27%	0.213%
8	7.816	970	974	978	rBV2	117592	109861	1.98%	0.330%
9	8.075	1015	1018	1024	rBV	1654167	1354444	24.38%	4.072%
10	9.157	1197	1202	1205	rBV	6741122	5556214	100.00%	16.705%
11	9.275	1218	1222	1225	rBV	293356	261113	4.70%	0.785%
12	9.551	1265	1269	1272	rBV	276450	249363	4.49%	0.750%
13	9.833	1313	1317	1320	rBV	1737381	1381914	24.87%	4.155%
14	10.622	1447	1451	1455	rBV	3811427	3785314	68.13%	11.381%
15	11.322	1566	1570	1573	rBV	1798847	1447360	26.05%	4.352%
16	11.857	1658	1661	1664	rBV	209717	185485	3.34%	0.558%
17	12.298	1733	1736	1739	rBV	235192	209809	3.78%	0.631%
18	12.916	1836	1841	1844	rBV	5292511	5233091	94.18%	15.733%
19	13.833	1993	1997	2009	rBV	692774	1087318	19.57%	3.269%
20	13.968	2016	2020	2023	rBV	1465125	1368836	24.64%	4.115%
21	15.421	2262	2267	2272	rBV	999205	1226630	22.08%	3.688%
22	15.880	2342	2345	2352	rVB2	55954	89274	1.61%	0.268%
23	15.974	2357	2361	2370	rVV8	69237	189416	3.41%	0.569%

Sum of corrected areas: 33260846

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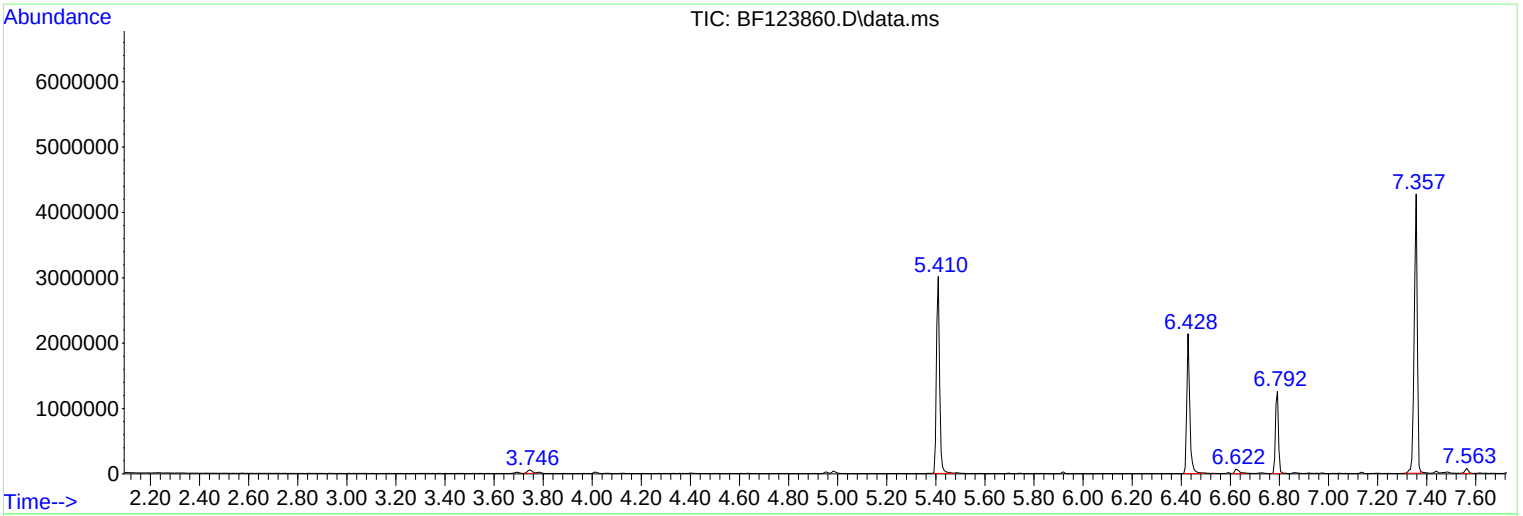
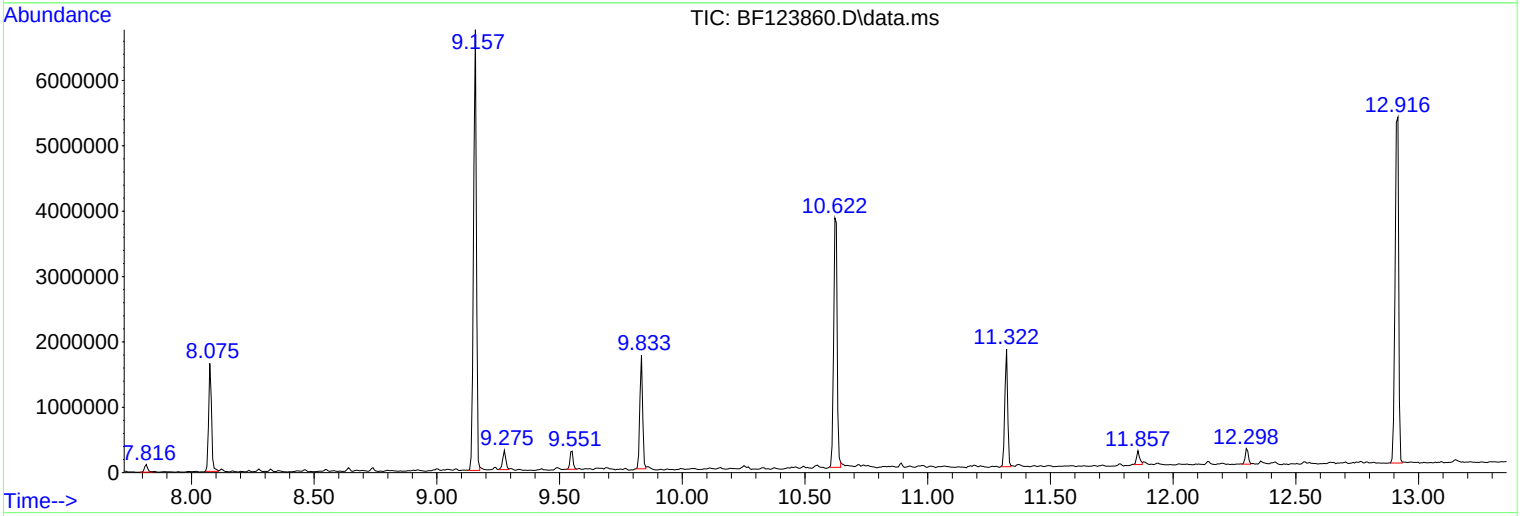
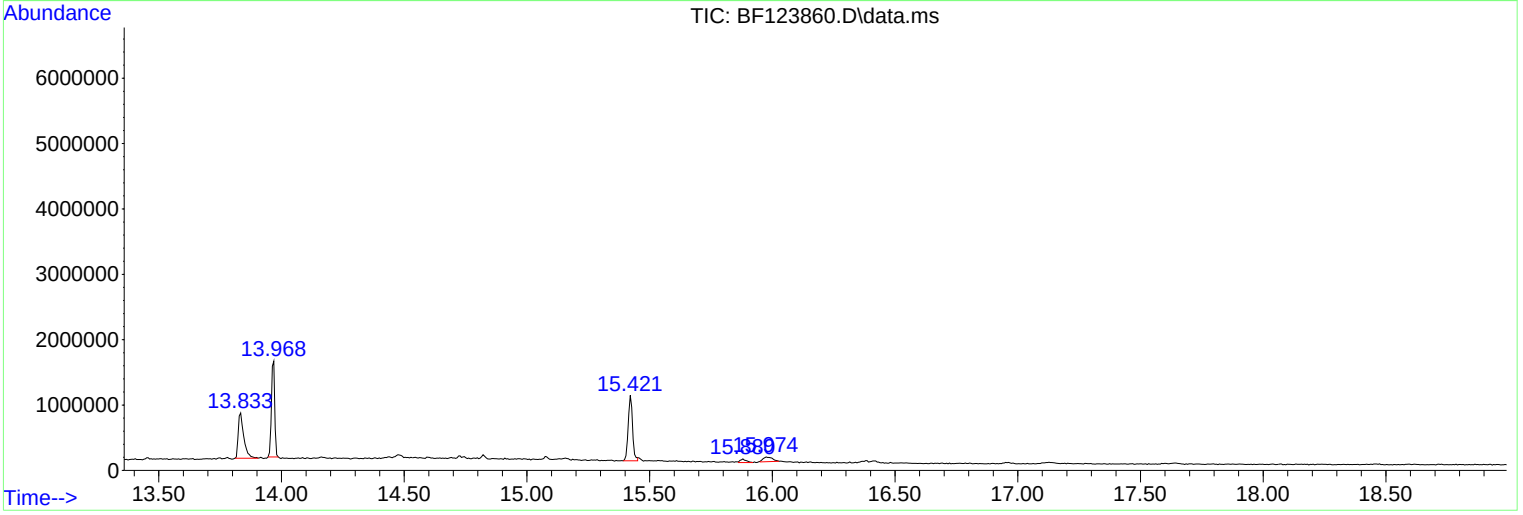
ClientSampleId :
OWL-C8-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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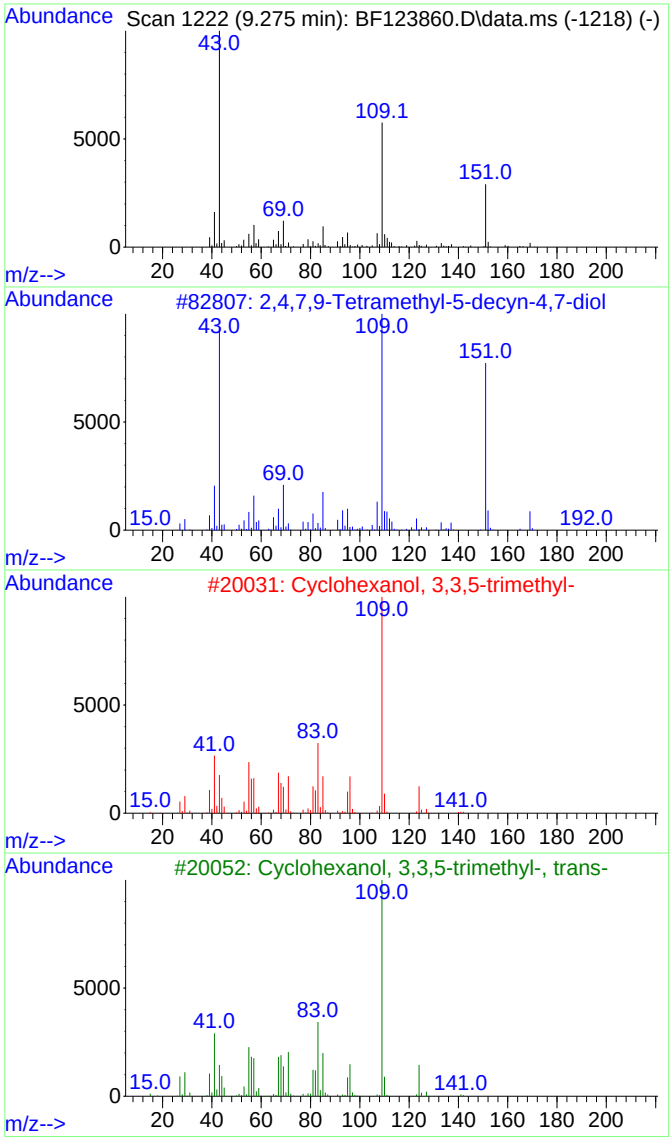
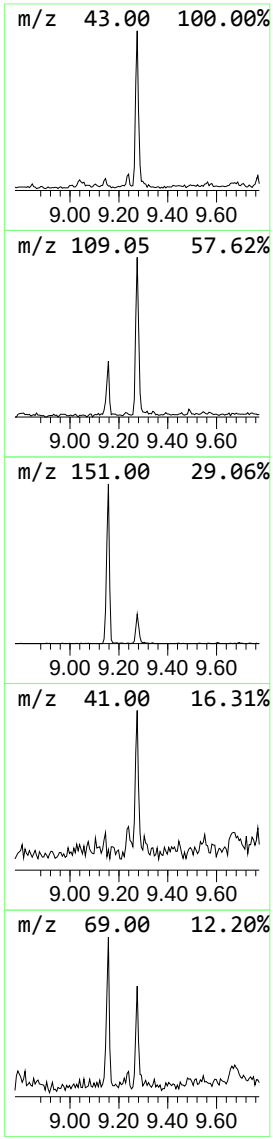
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	3.78 ng	261113	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	50
3	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	47
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	37
5	Metacetamol	151	C8H9NO2	000621-42-1	37





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Instrument : BNA_F
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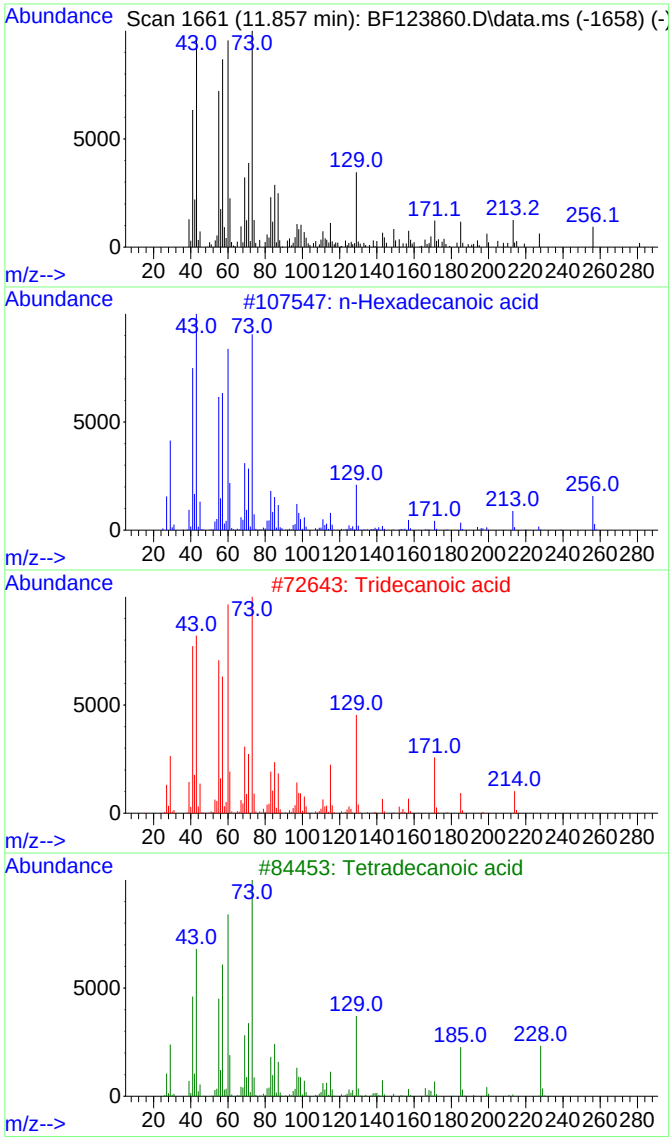
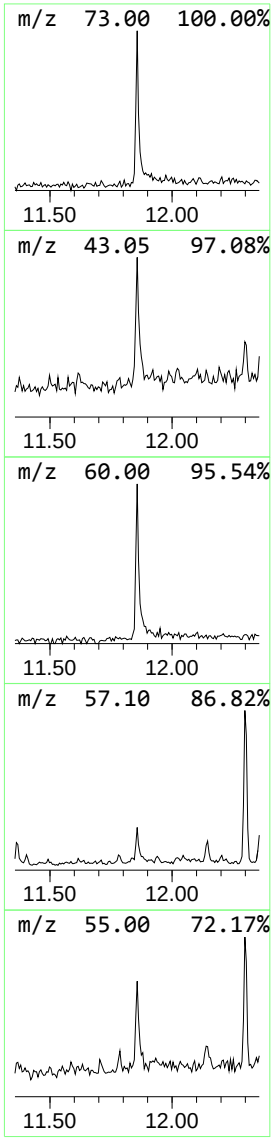
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.56 ng	185485	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





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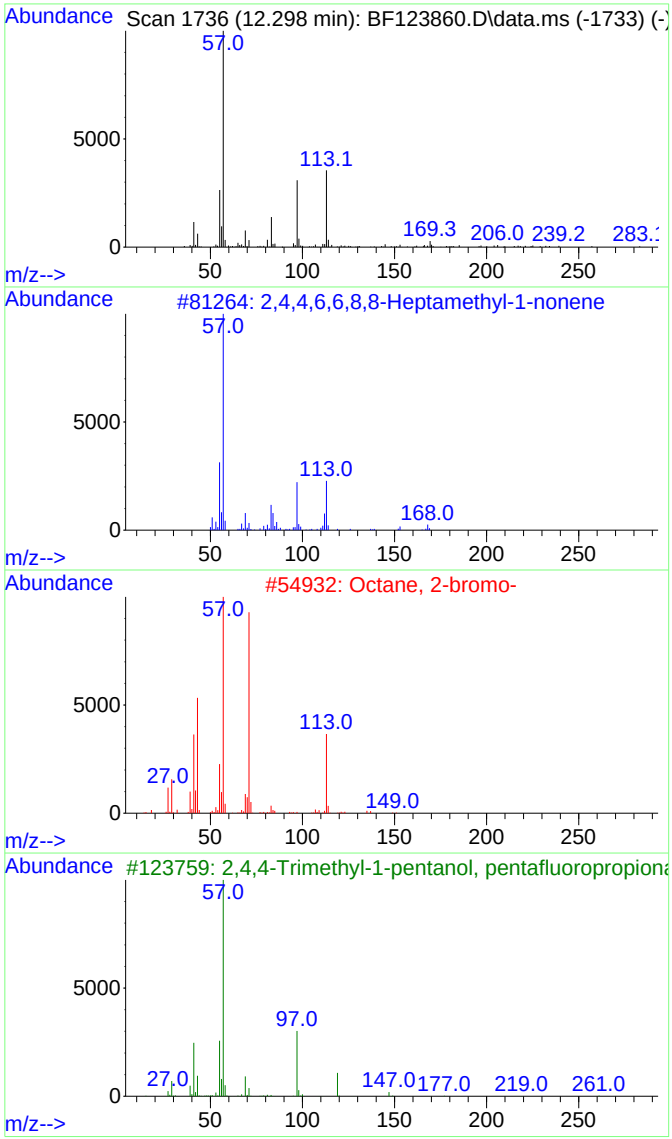
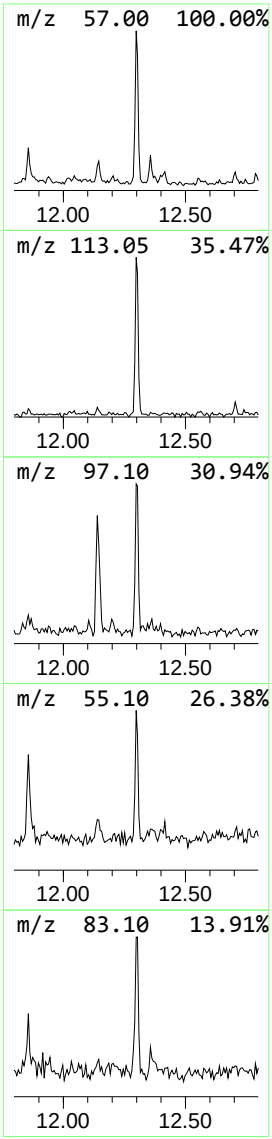
Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	2.90 ng	209809	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	37
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	37
5	1-Dodecanol, heptafluorobutyrate	382	C16H25F7O2	006222-08-8	35





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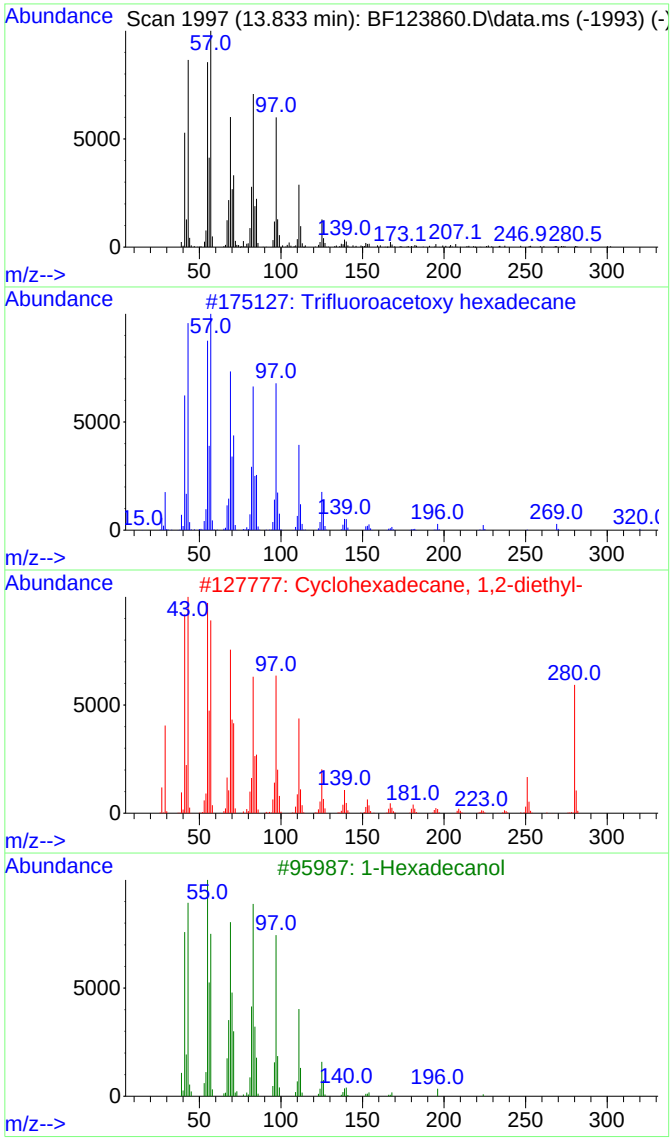
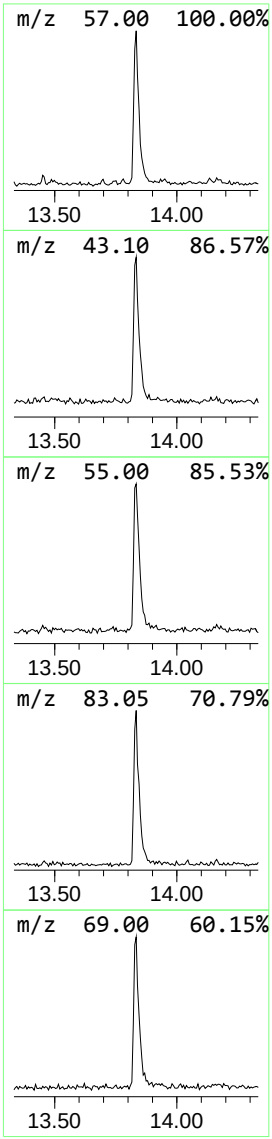
Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	15.89 ng	1087320	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





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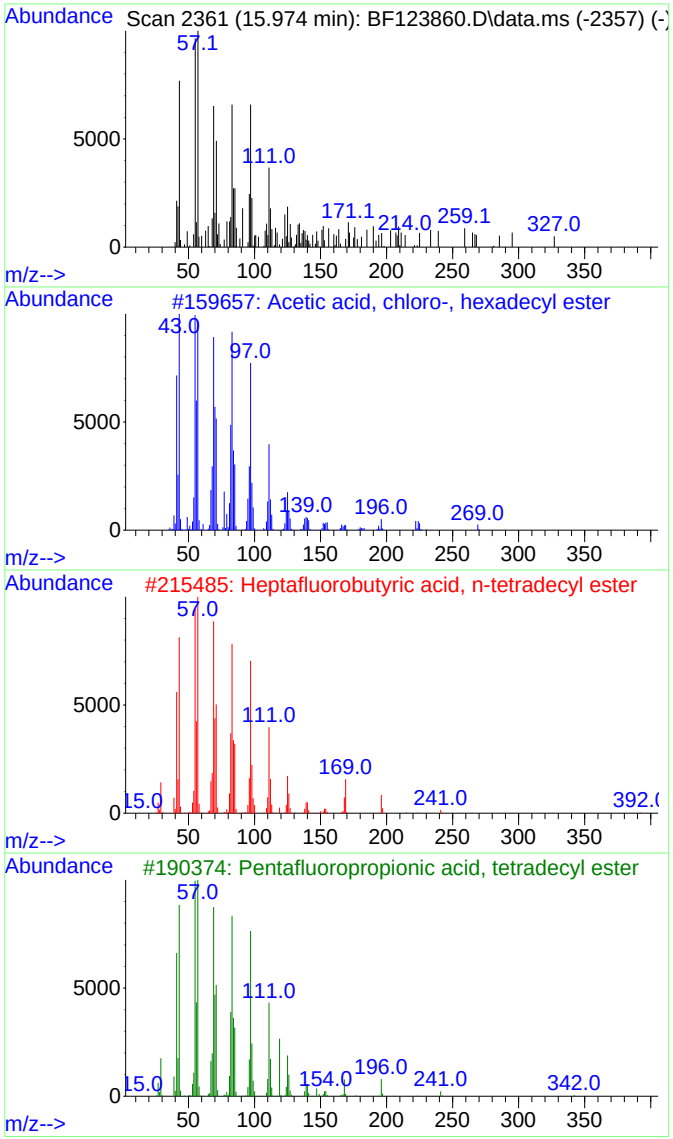
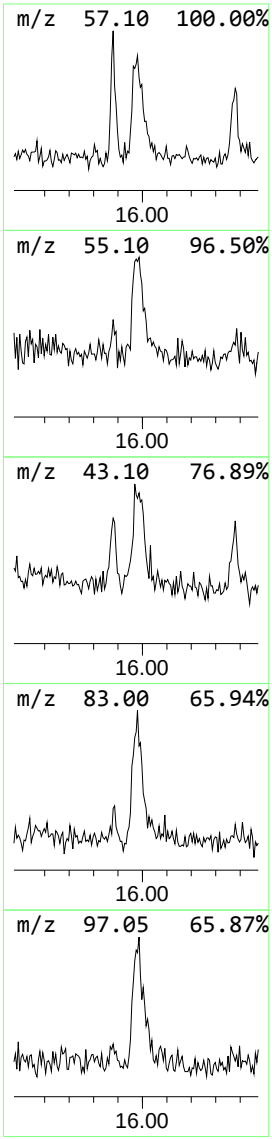
****
Peak Number 5 Acetic acid, chloro-, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	3.09 ng	189416	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5	1-Tricosanol	340	C23H48O	003133-01-5	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrame...	9.275	3.8	ng	261113	3	9.833	1381910	20.0
n-Hexadecanoic ...	11.857	2.6	ng	185485	4	11.322	1447360	20.0
2,4,4,6,6,8,8-H...	12.298	2.9	ng	209809	4	11.322	1447360	20.0
Trifluoroacetox...	13.833	15.9	ng	1087320	5	13.968	1368840	20.0
Acetic acid, ch...	15.974	3.1	ng	189416	6	15.421	1226630	20.0