LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133770.D
Acq On : 15 Jun 2023 12:26
Operator : CG\JU
Sample : 03167-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-GA

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	16	20	29	rVB	37461	53308	1.66%	0.247%
2	5.051	498	504	514	rBV	107072	144367	4.48%	0.668%
3	5.445	566	571	575	rBV	2473003	2703069	83.96%	12.505%
4	6.463	738	744	747	rBV	2520250	2771901	86.10%	12.823%
5	6.828	803	806	810	rVB	849877	635999	19.76%	2.942%
6	7.392	897	902	905	rBV	1878229	1823794	56.65%	8.437%
7	8.110	1021	1024	1027	rBV	1039594	805846	25.03%	3.728%
8	9.192	1203	1208	1211	rBV	3521295	3160509	98.17%	14.621%
9	9.869	1319	1323	1326	rBV	1058153	898618	27.91%	4.157%
10	10.580	1438	1444	1448	rBV	248256	201223	6.25%	0.931%
11	10.657	1453	1457	1461	rBV	2372975	2217973	68.89%	10.261%
12	11.357	1572	1576	1579	rBV	1104703	967129	30.04%	4.474%
13	11.880	1657	1665	1669	rBV	222813	205408	6.38%	0.950%
14	12.663	1795	1798	1805	rBV	42260	49041	1.52%	0.227%
15	12.945	1841	1846	1849	rBV	3388442	3219354	100.00%	14.893%
16	13.845	1995	1999	2009	rBV	135049	204735	6.36%	0.947%
17	13.998	2020	2025	2029	rBV	838400	743273	23.09%	3.439%
18	14.757	2150	2154	2161	rBV2	62144	91181	2.83%	0.422%
19	15.457	2268	2273	2278	rBV	598599	719307	22.34%	3.328%

Sum of corrected areas: 21616035

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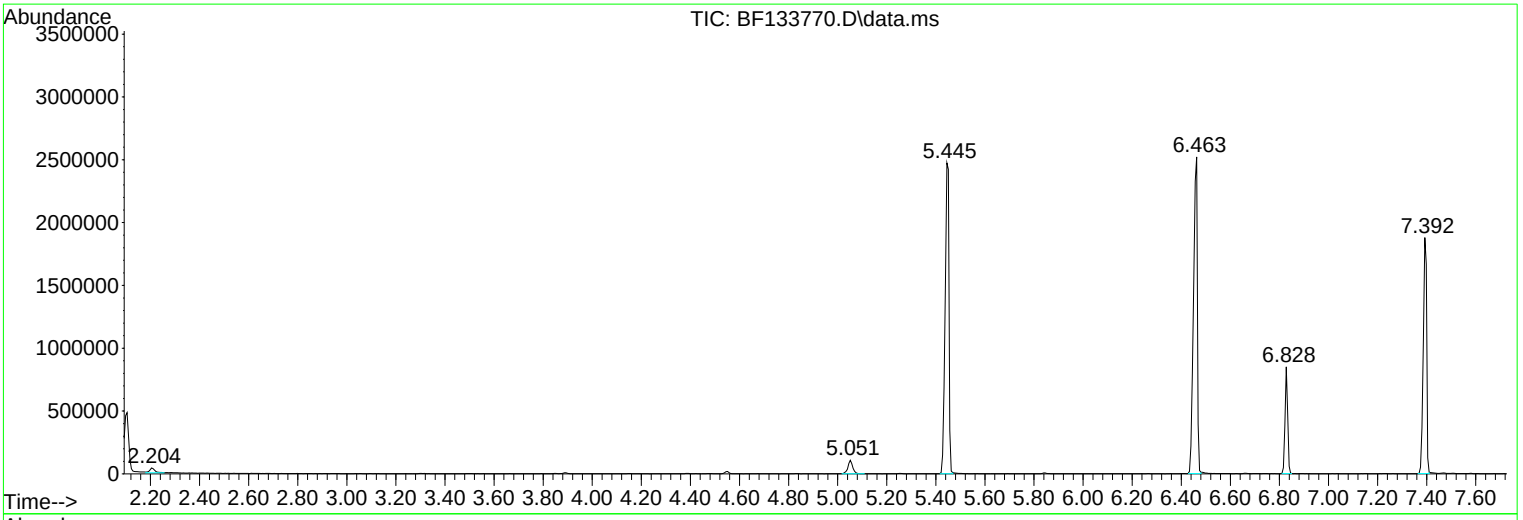
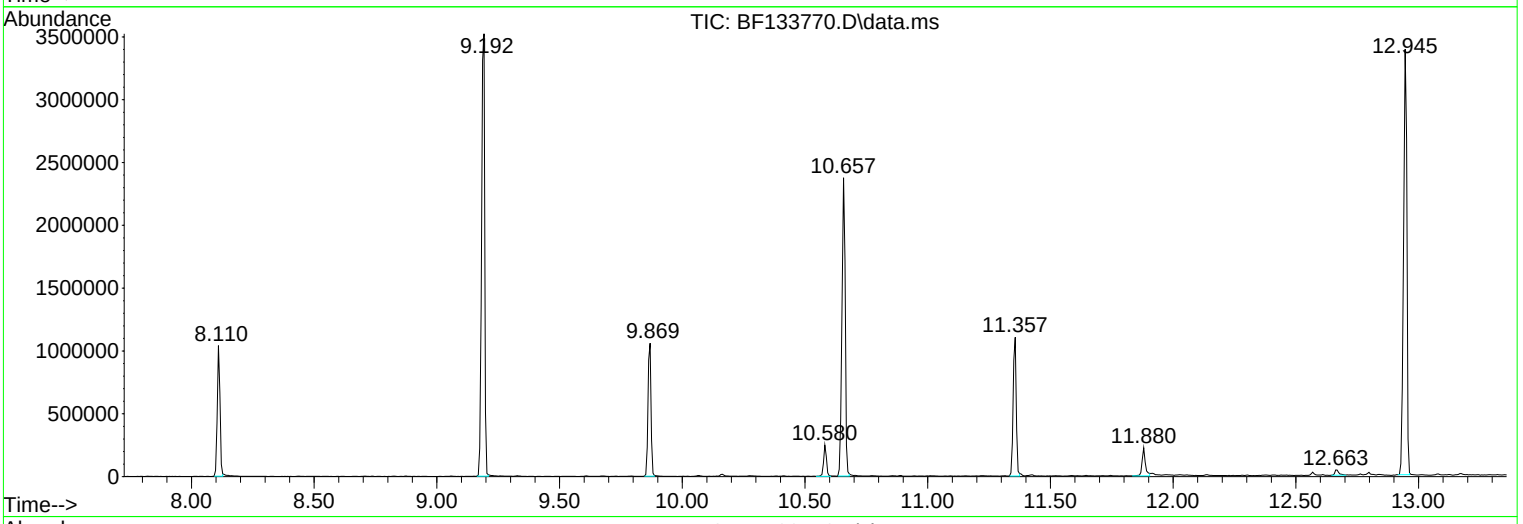
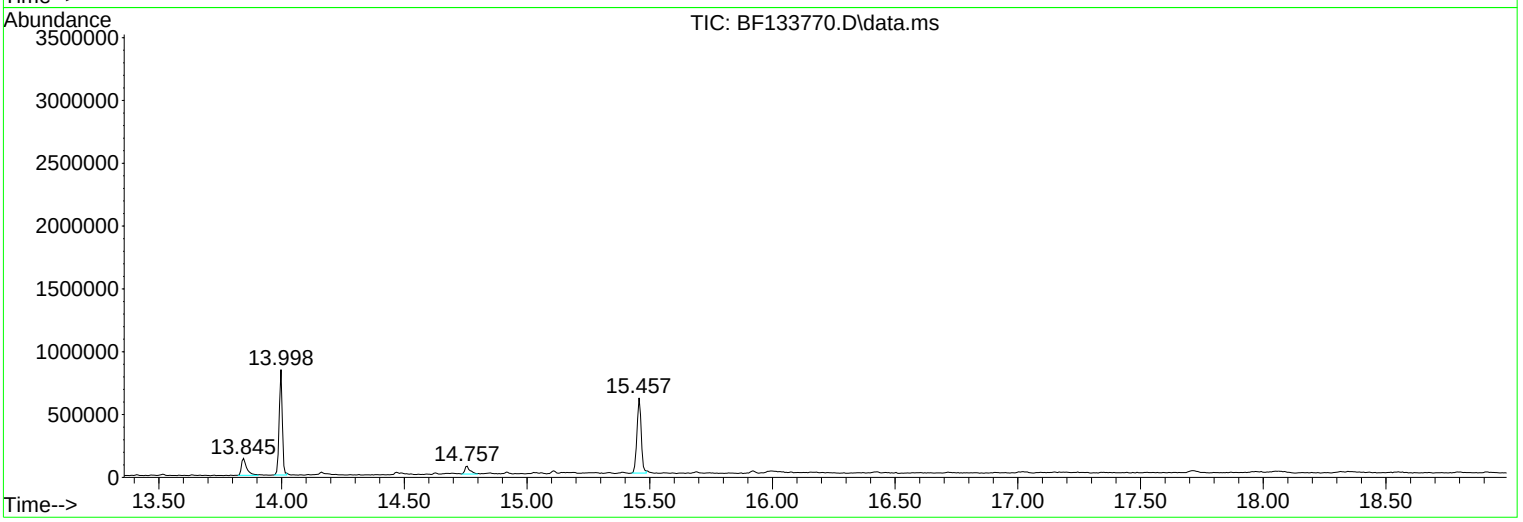
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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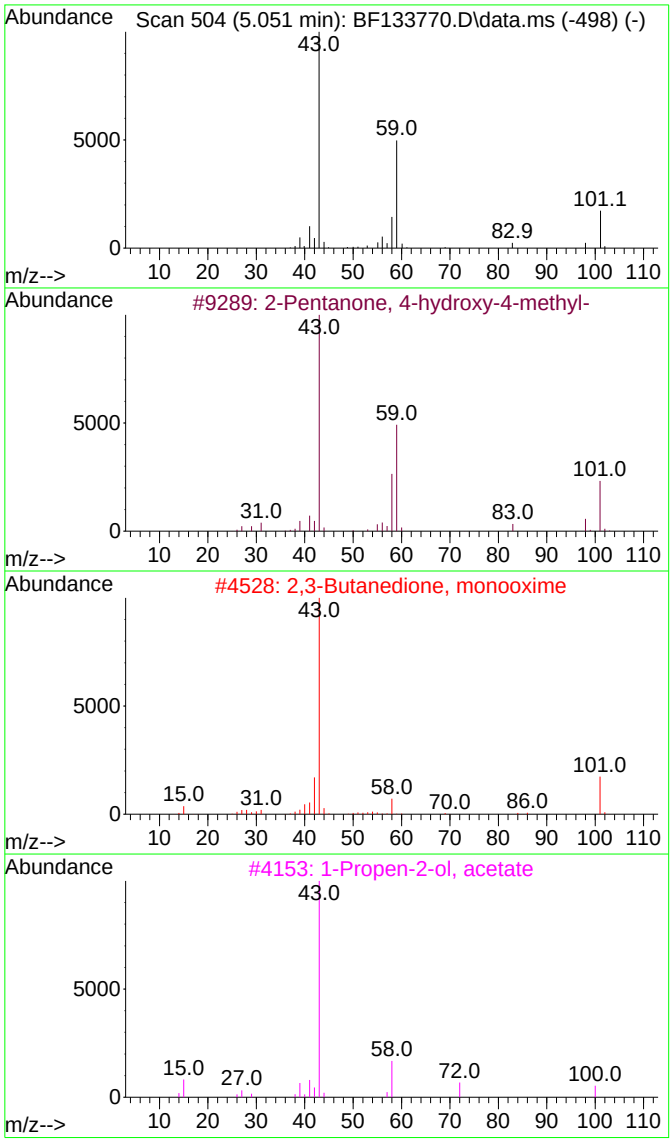
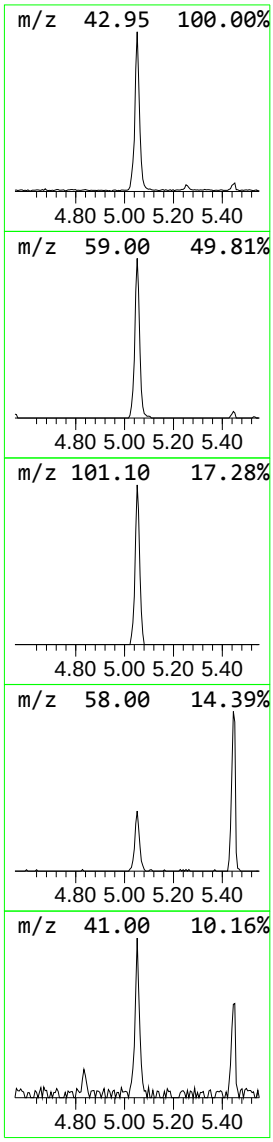
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	4.54 ng	144367	1,4-Dichlorobenzene-d4	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Di-n-propyl ether	102	C6H14O	000111-43-3	9





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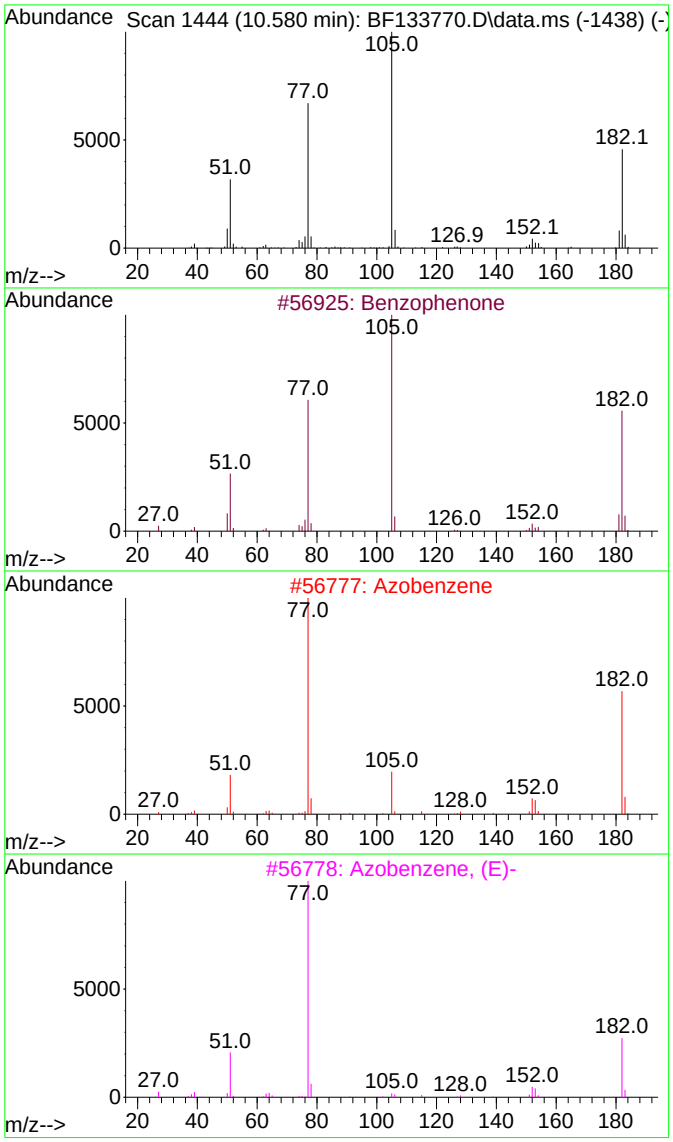
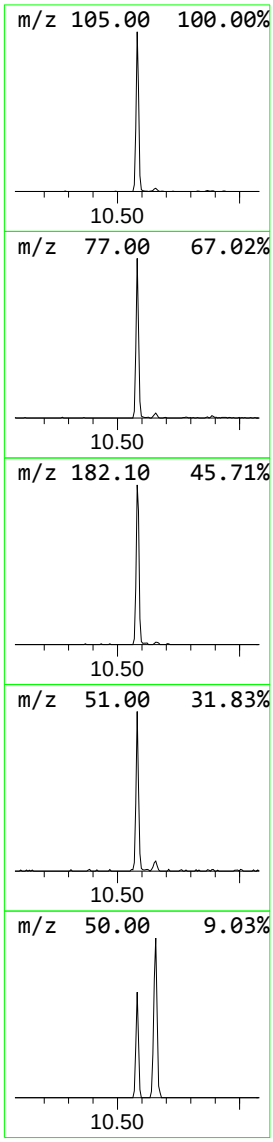
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	4.48 ng	201223	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	52
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	52
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50





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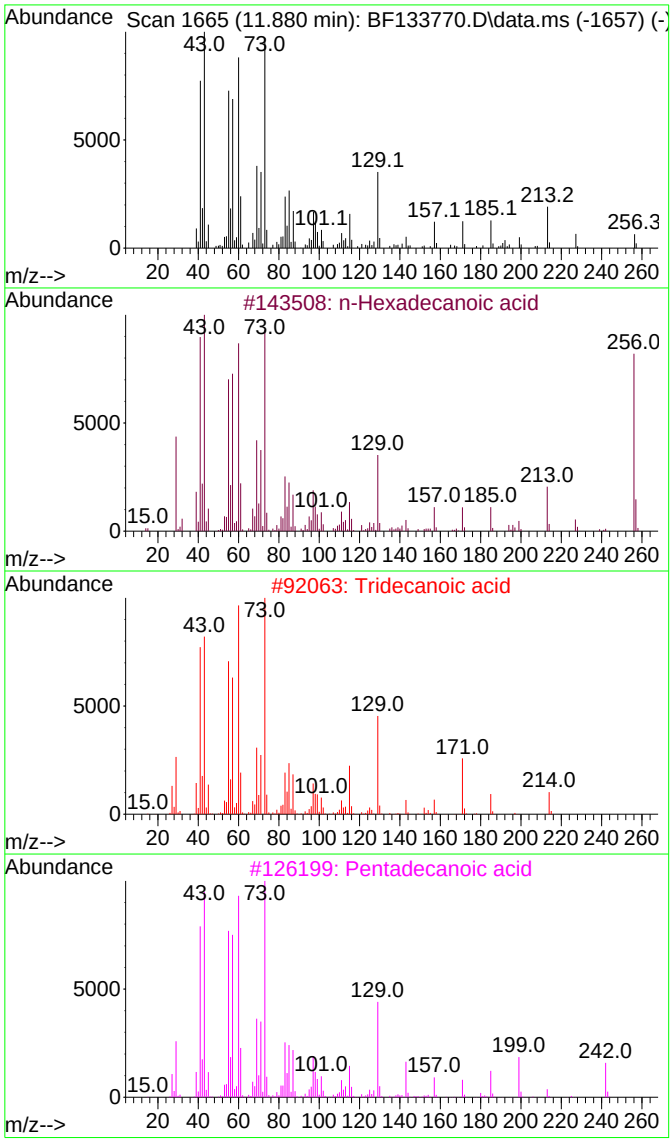
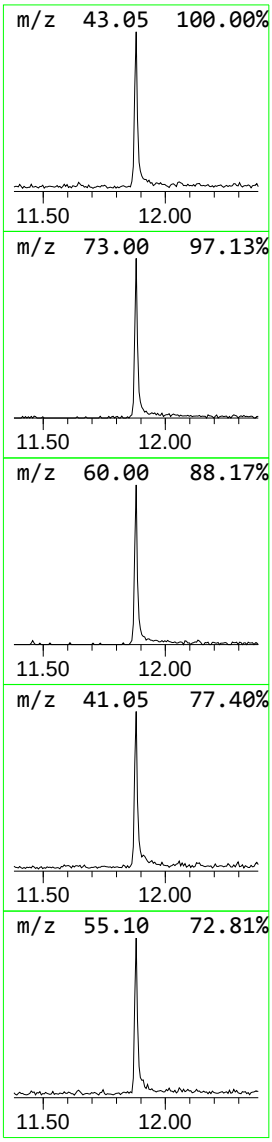
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	4.25 ng	205408	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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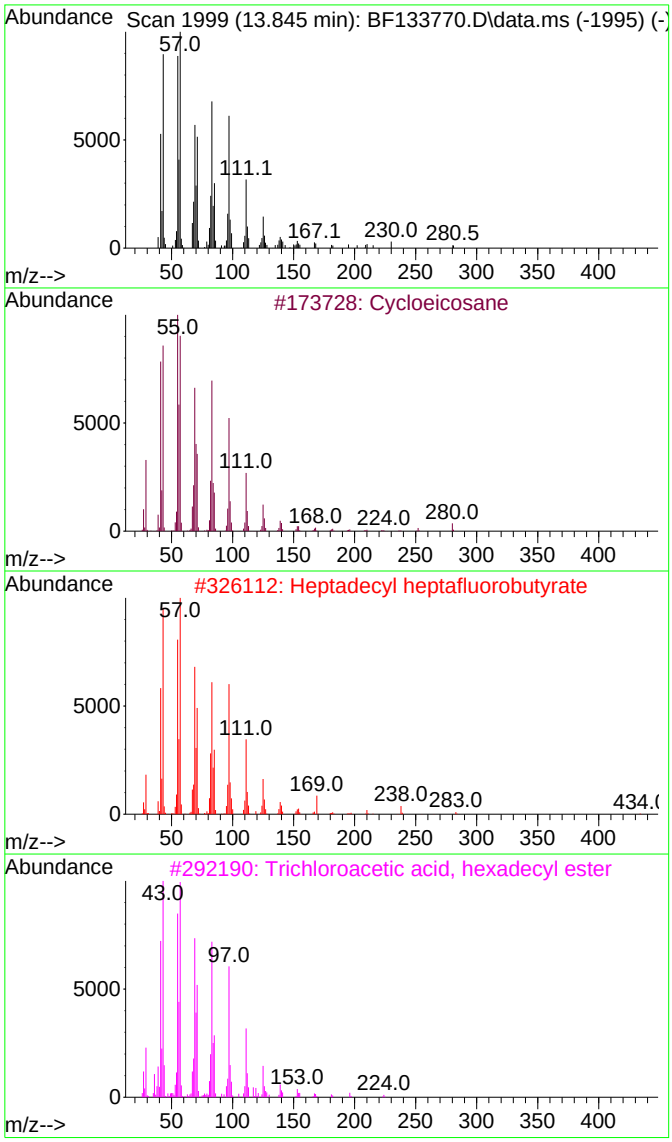
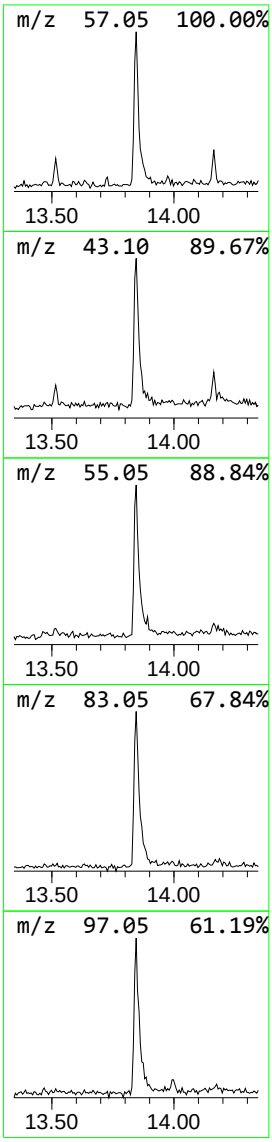
Peak Number 4 Cycloeicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	5.51 ng	204735	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94





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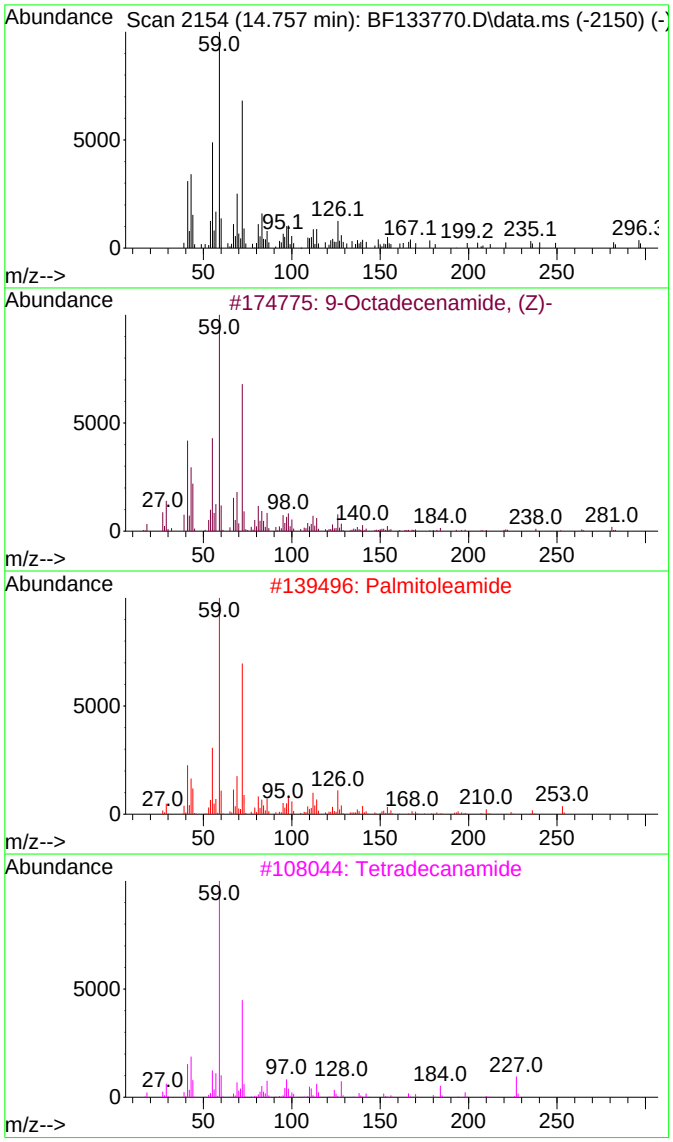
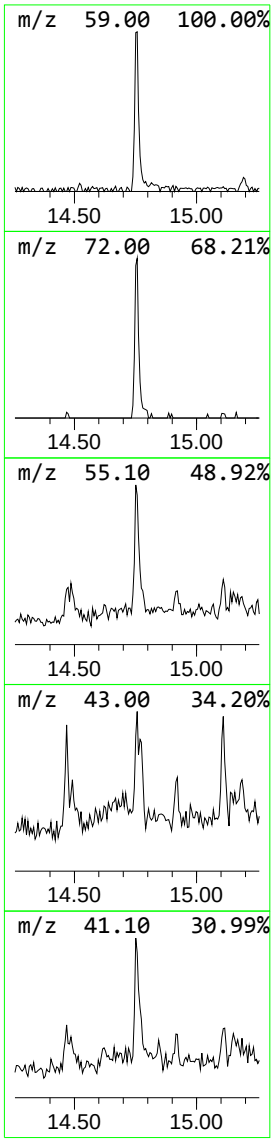
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	2.54 ng	91181	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Palmitoleamide	253	C16H31NO	106010-22-4	80
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
5	Octadecanamide	283	C18H37NO	000124-26-5	58





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.051	4.5	ng	144367	1	6.828	635999	20.0
Benzophenone	10.580	4.5	ng	201223	3	9.869	898618	20.0
n-Hexadecanoic ...	11.880	4.3	ng	205408	4	11.357	967129	20.0
Cycloeicosane	13.845	5.5	ng	204735	5	13.998	743273	20.0
9-Octadecenamid...	14.757	2.5	ng	91181	6	15.457	719307	20.0