LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141487.D
Acq On : 06 Feb 2025 18:27
Operator : RC/JU
Sample : Q1309-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-3

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141487.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.999	489	494	503	rVB	24716	40160	1.60%	0.226%
2	5.410	558	564	583	rBV	1371307	1849244	73.70%	10.422%
3	6.422	731	736	755	rBV	1435183	1954395	77.89%	11.014%
4	6.787	793	798	805	rBV	489632	598373	23.85%	3.372%
5	7.346	887	893	904	rBV	936550	1283591	51.15%	7.234%
6	7.610	933	938	946	rBV	29706	43158	1.72%	0.243%
7	8.069	1010	1016	1024	rBV	625389	807417	32.18%	4.550%
8	9.092	1183	1190	1193	rBV	20639	28374	1.13%	0.160%
9	9.145	1193	1199	1208	rVV	1849294	2367028	94.33%	13.340%
10	9.545	1261	1267	1278	rVB2	43711	65341	2.60%	0.368%
11	9.822	1307	1314	1320	rBV	745366	950192	37.87%	5.355%
12	10.245	1380	1386	1390	rVB6	10977	25133	1.00%	0.142%
13	10.475	1420	1425	1431	rVB	46078	67309	2.68%	0.379%
14	10.539	1431	1436	1441	rBV	154021	194997	7.77%	1.099%
15	10.610	1443	1448	1461	rVB	1118491	1543073	61.49%	8.696%
16	10.739	1466	1470	1478	rVB	95181	135672	5.41%	0.765%
17	11.210	1544	1550	1556	rVB2	34103	56596	2.26%	0.319%
18	11.310	1562	1567	1574	rBV	755565	956400	38.11%	5.390%
19	11.845	1653	1658	1679	rBV	214780	358835	14.30%	2.022%
20	12.092	1696	1700	1707	rVB2	20264	30247	1.21%	0.170%
21	12.628	1787	1791	1802	rBV2	29232	53983	2.15%	0.304%
22	12.898	1831	1837	1842	rBV	1948631	2509286	100.00%	14.141%
23	13.380	1910	1919	1928	rBV	183153	263690	10.51%	1.486%
24	13.822	1987	1994	2011	rBV2	57178	250074	9.97%	1.409%
25	13.951	2011	2016	2031	rVB	566101	735105	29.30%	4.143%
26	15.404	2257	2263	2278	rBV	360586	576479	22.97%	3.249%

Sum of corrected areas: 17744152

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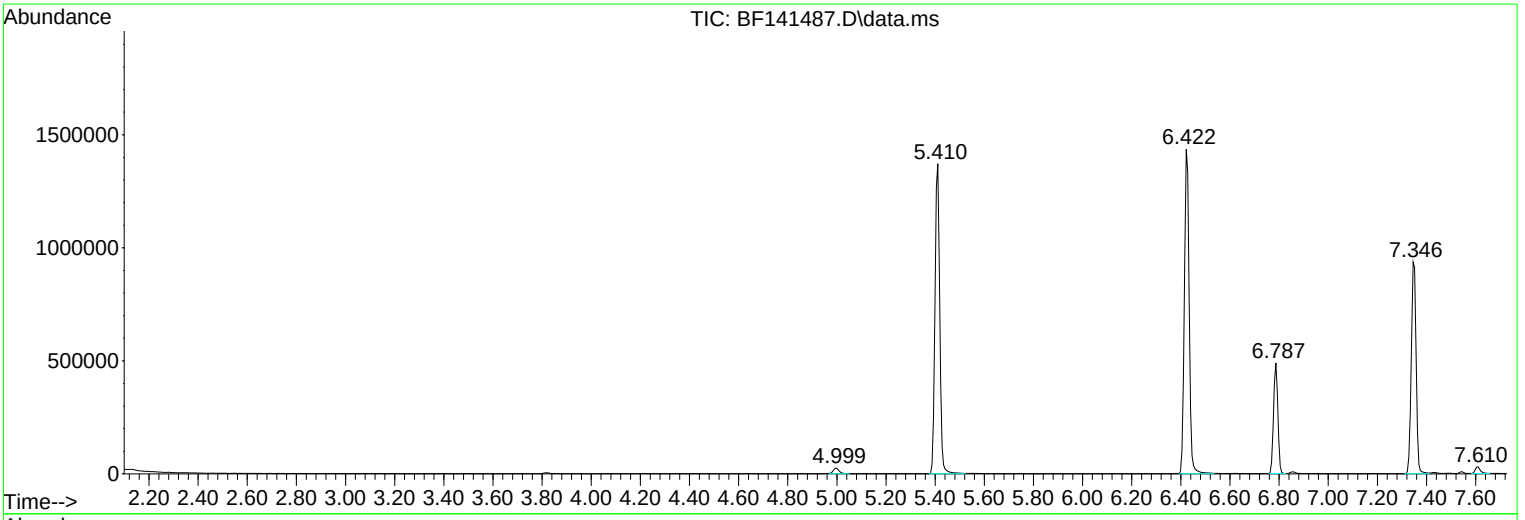
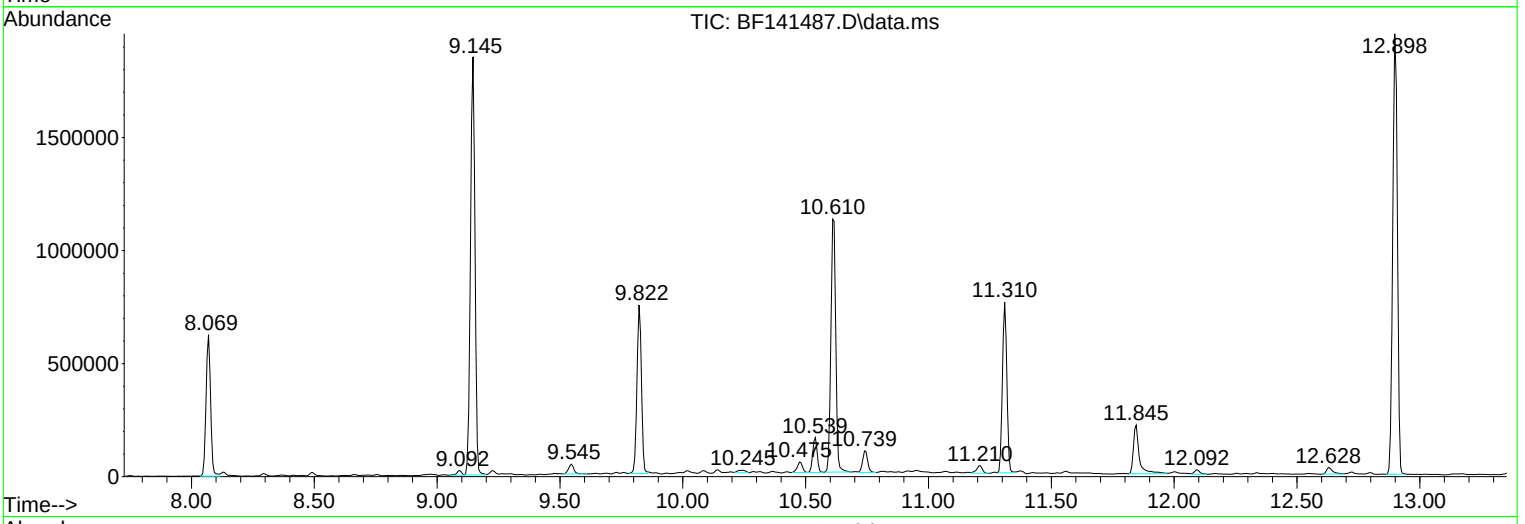
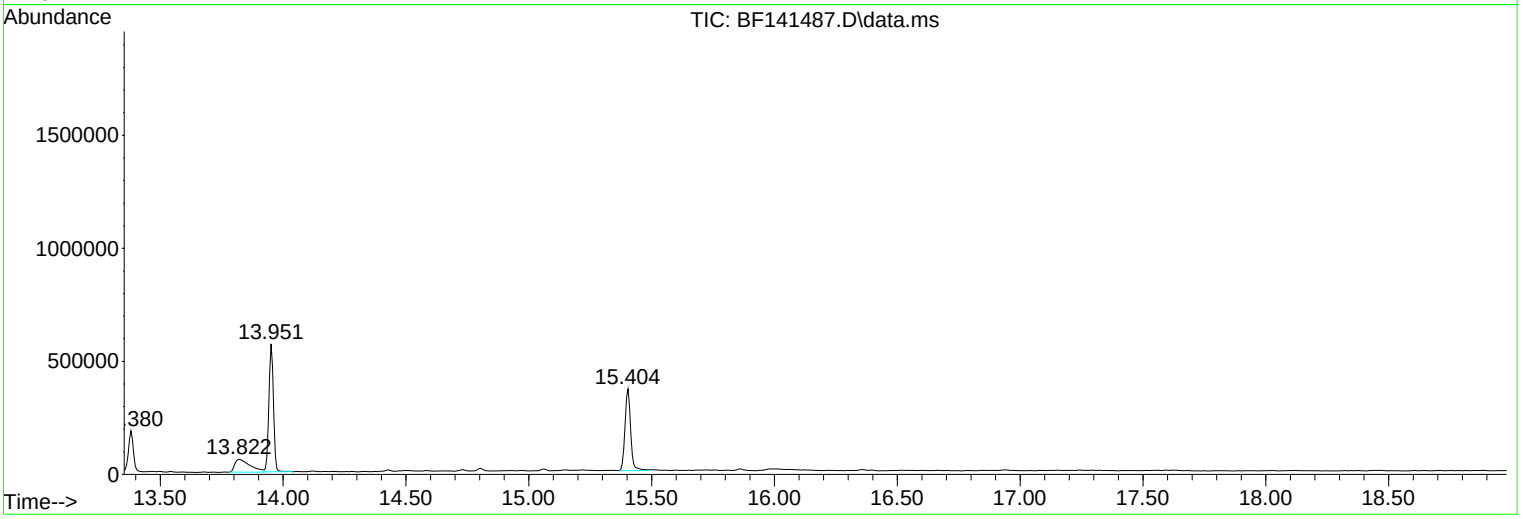
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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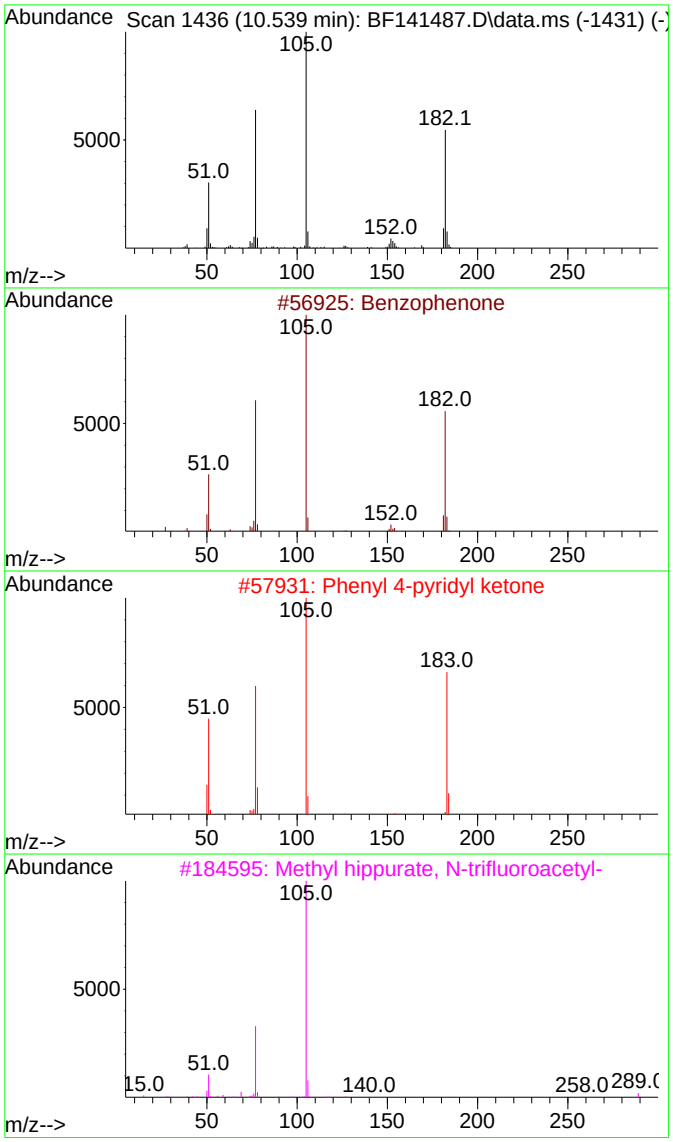
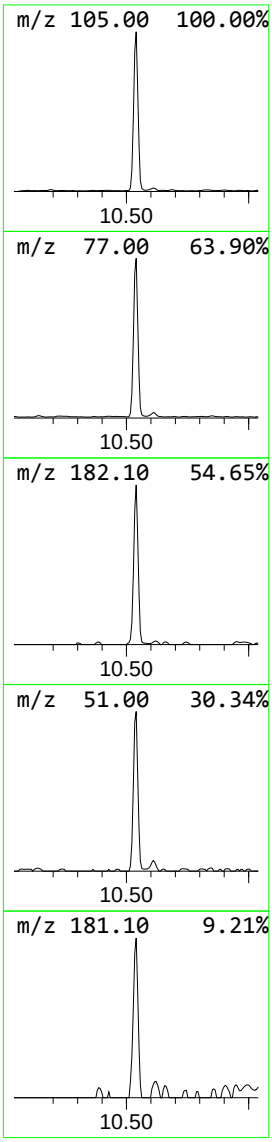
Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	4.10 ng	194997	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	60
3	Methyl hippurate, N-trifluoroace...	289	C12H10F3NO4	073749-76-5	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47





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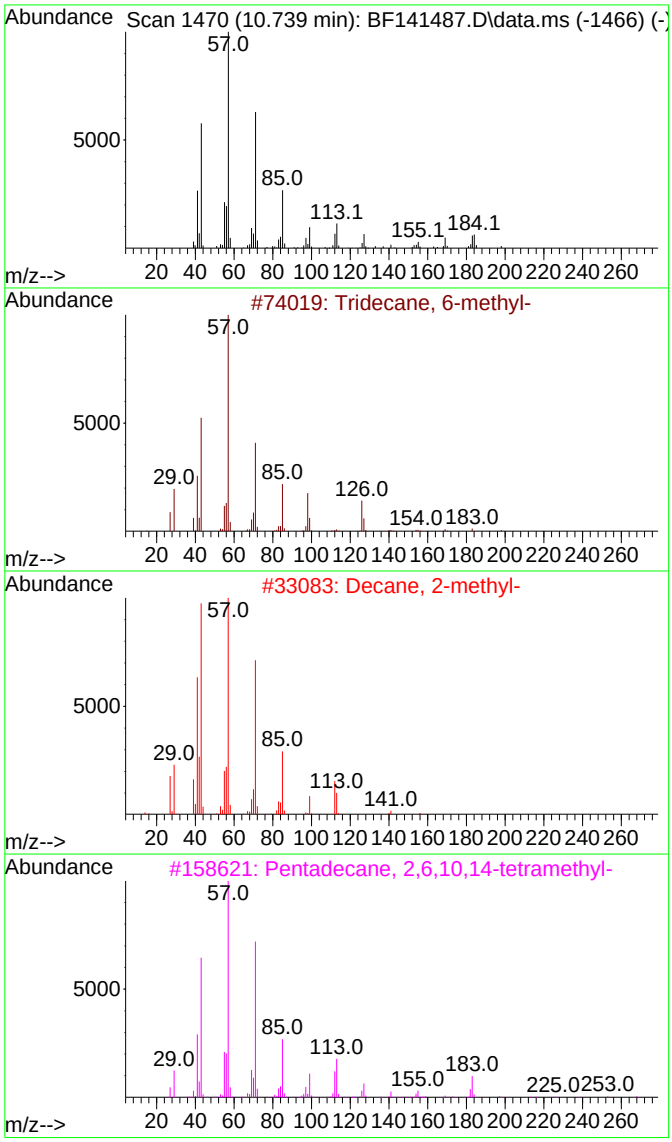
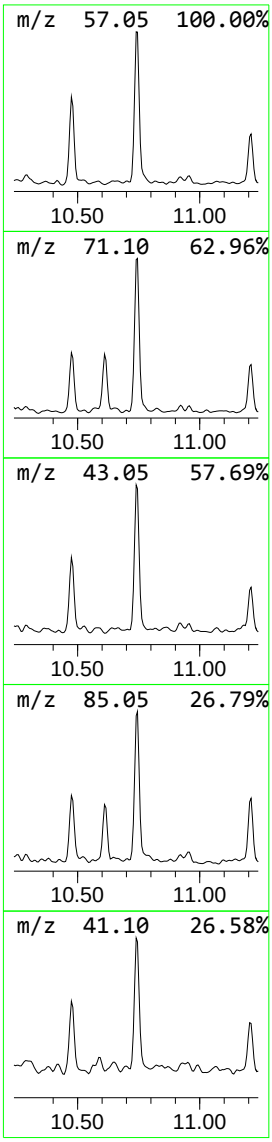
Peak Number 2 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	2.84 ng	135672	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





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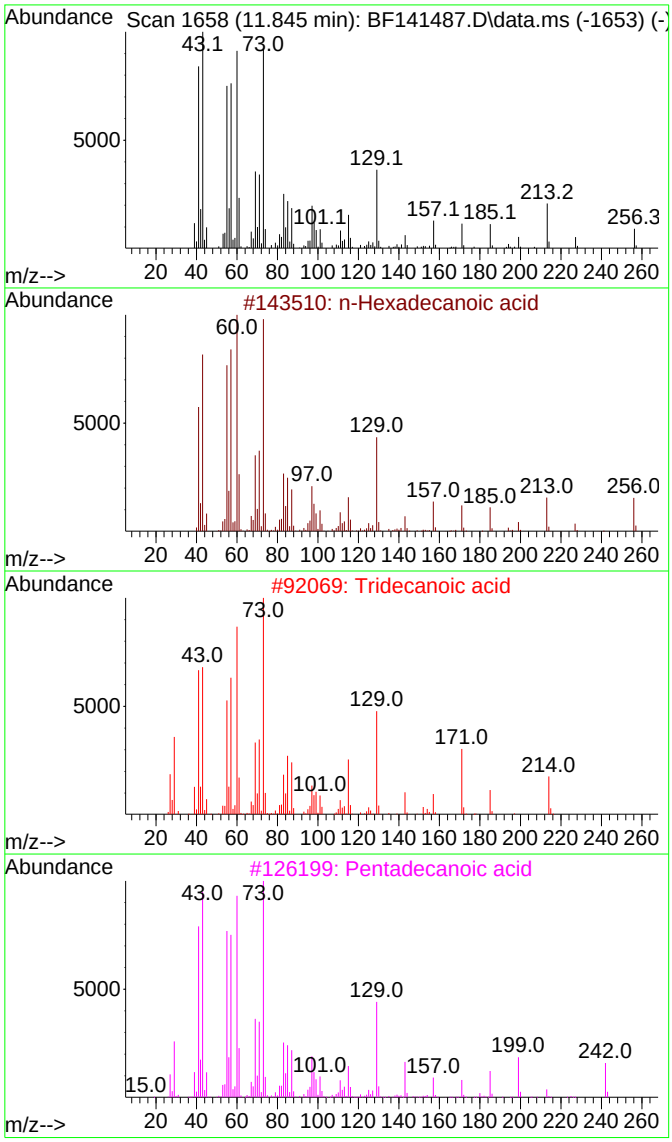
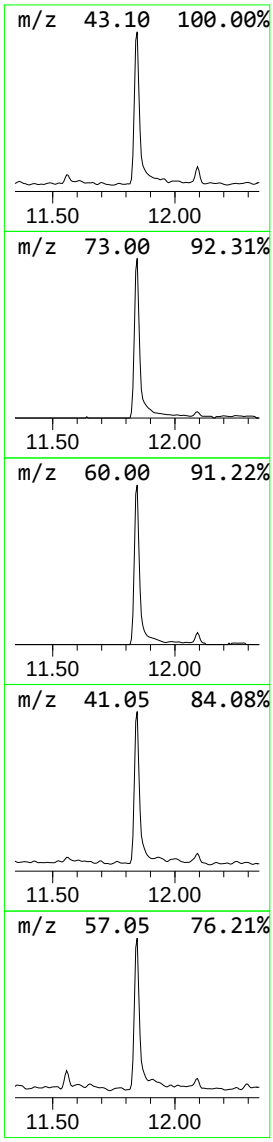
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	7.50 ng	358835	Phenanthrene-d10	11.310

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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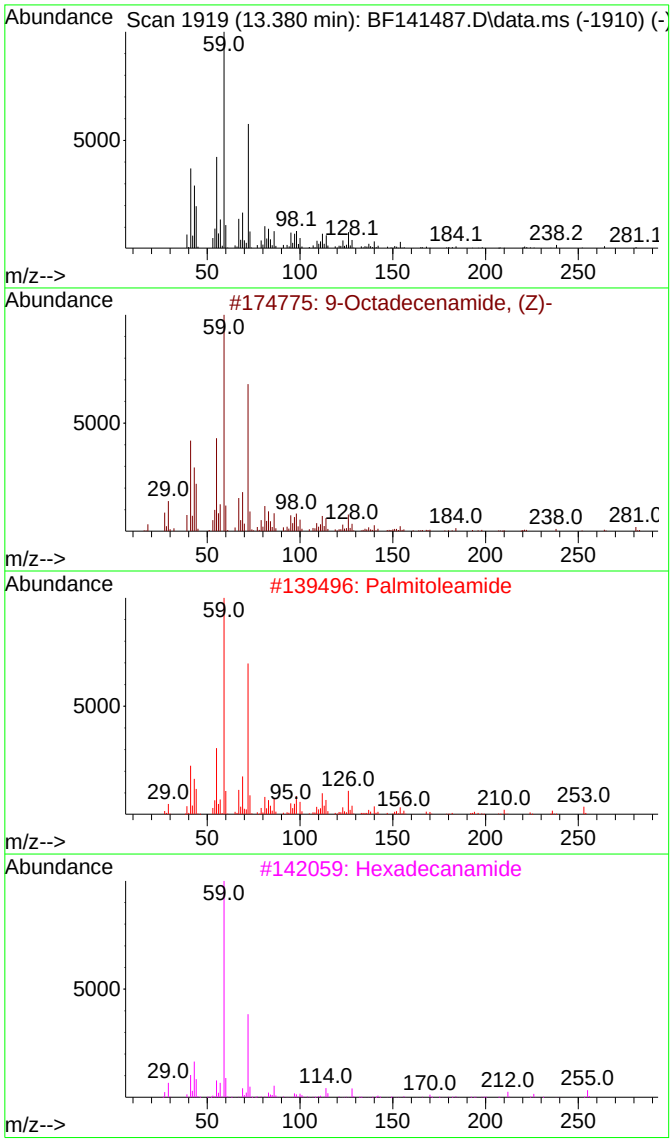
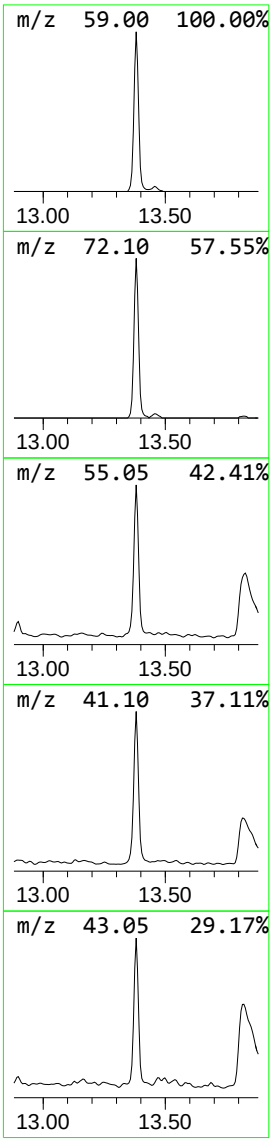
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	7.17 ng	263690	Chrysene-d12	13.951

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	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53





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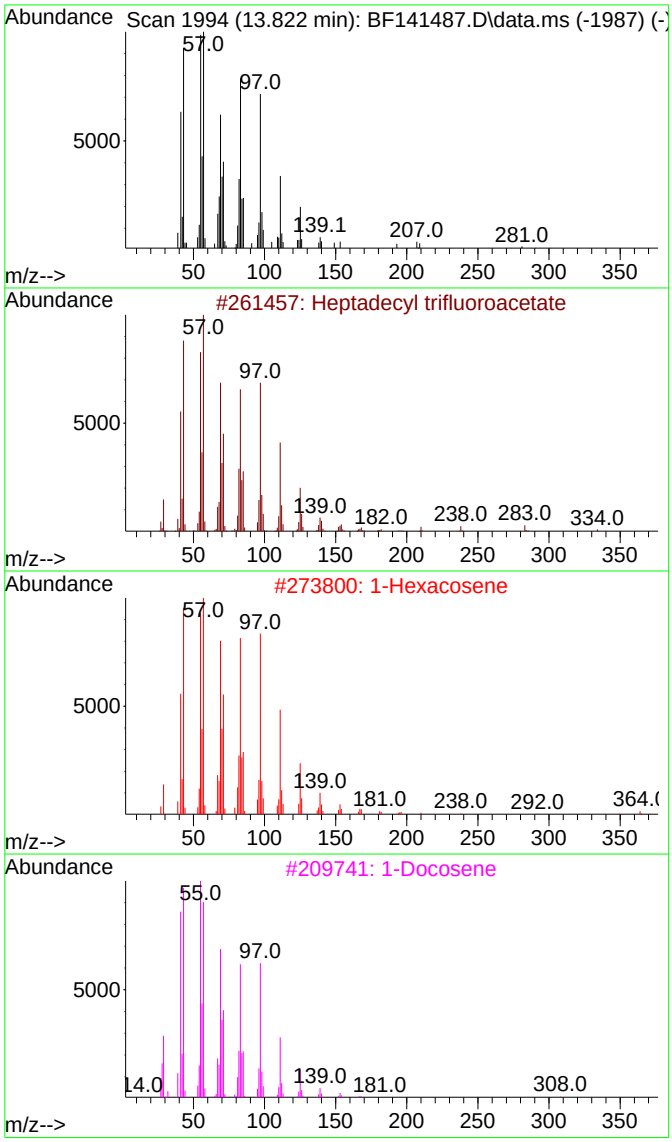
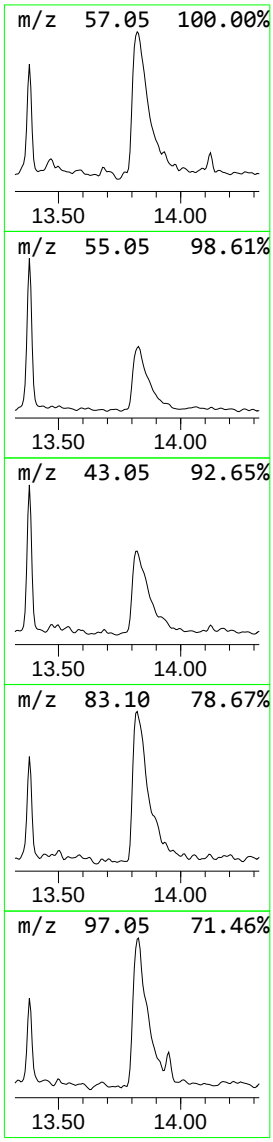
Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	6.80 ng	250074	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.539	4.1	ng	194997	3	9.822	950192	20.0
Tridecane, 6-me...	10.739	2.8	ng	135672	4	11.310	956400	20.0
n-Hexadecanoic ...	11.845	7.5	ng	358835	4	11.310	956400	20.0
9-Octadecenamid...	13.380	7.2	ng	263690	5	13.951	735105	20.0
Heptadecyl trif...	13.822	6.8	ng	250074	5	13.951	735105	20.0