LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141790.D
Acq On : 26 Feb 2025 18:55
Operator : RC/JU
Sample : Q1420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

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: BF141790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	557	563	591	rBV	889502	1394134	81.29%	12.148%
2	6.422	731	736	760	rBV	970838	1471408	85.79%	12.821%
3	6.781	792	797	807	rBV	280487	359944	20.99%	3.136%
4	7.345	887	893	906	rBV	642117	918909	53.58%	8.007%
5	8.063	1010	1015	1039	rBV	318033	486164	28.35%	4.236%
6	9.134	1192	1197	1208	rBV	1302459	1715106	100.00%	14.945%
7	9.810	1307	1312	1327	rBV	373964	541675	31.58%	4.720%
8	10.528	1428	1434	1442	rBV	169968	233533	13.62%	2.035%
9	10.604	1442	1447	1462	rVV	664081	945923	55.15%	8.242%
10	11.298	1560	1565	1582	rBV	340253	502516	29.30%	4.379%
11	11.827	1648	1655	1668	rBV	151121	296843	17.31%	2.587%
12	12.516	1768	1772	1777	rBV	24042	35754	2.08%	0.312%
13	12.616	1785	1789	1795	rBV2	29889	57686	3.36%	0.503%
14	12.745	1807	1811	1815	rBV	26464	35770	2.09%	0.312%
15	12.880	1829	1834	1844	rBV	1091110	1409685	82.19%	12.283%
16	13.780	1983	1987	2001	rBV3	38211	97094	5.66%	0.846%
17	13.939	2009	2014	2027	rVB	299421	458740	26.75%	3.997%
18	14.686	2137	2141	2146	rBV3	56744	94085	5.49%	0.820%
19	15.386	2255	2260	2275	rVB	243158	421349	24.57%	3.671%

Sum of corrected areas: 11476318

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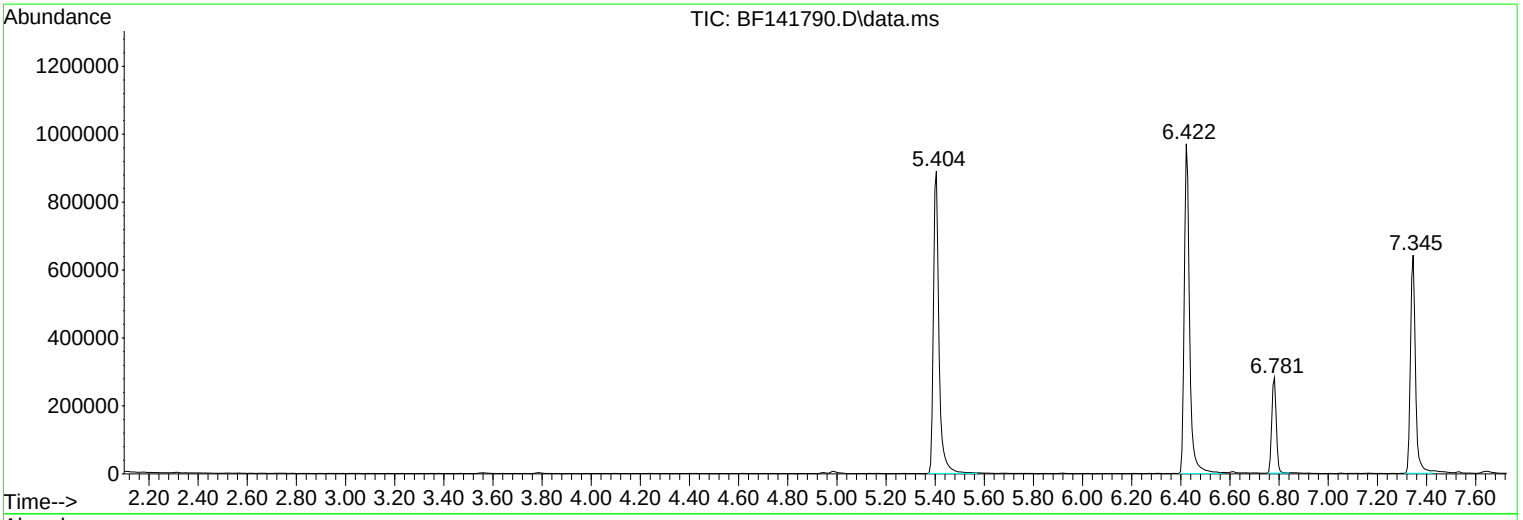
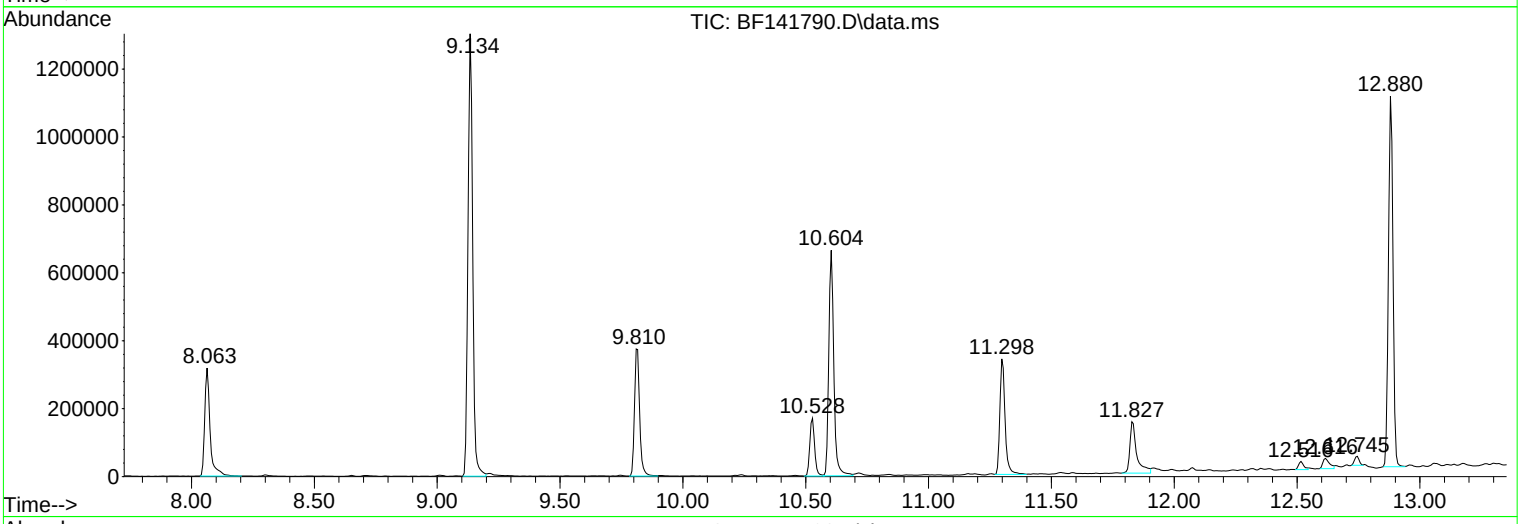
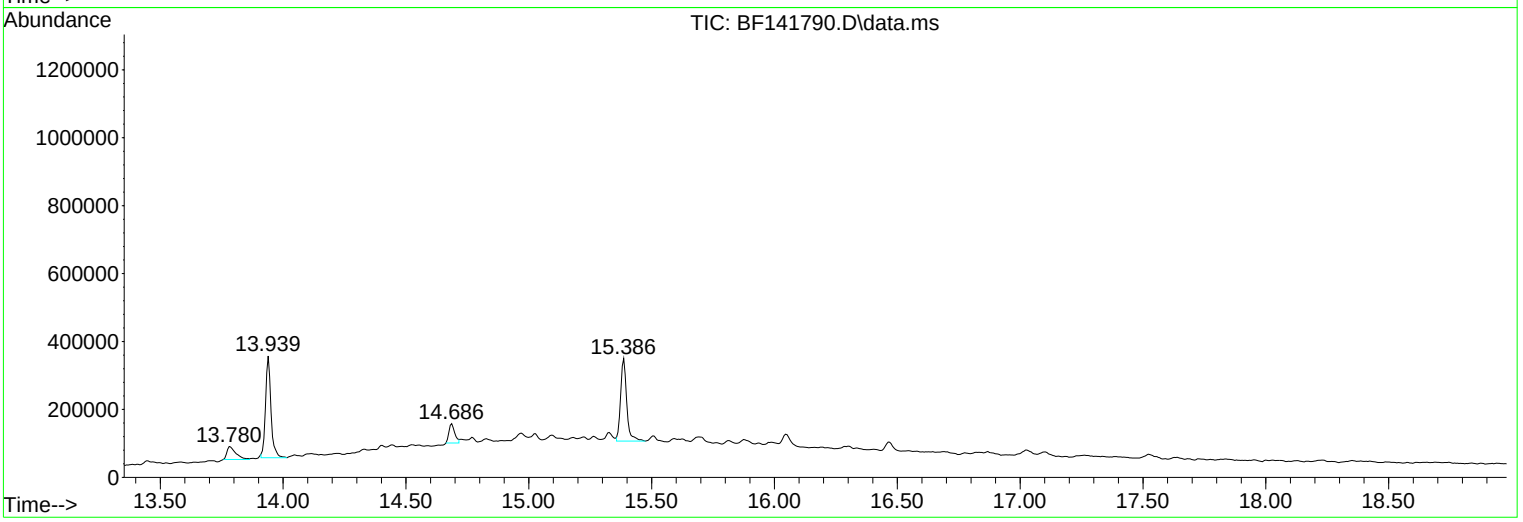
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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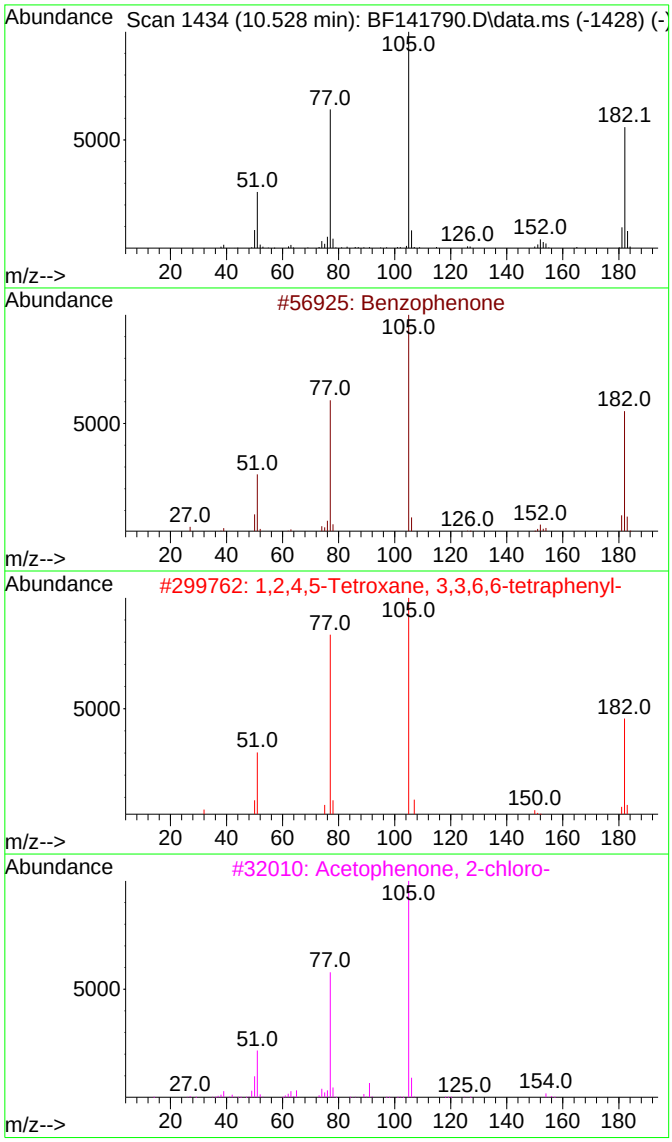
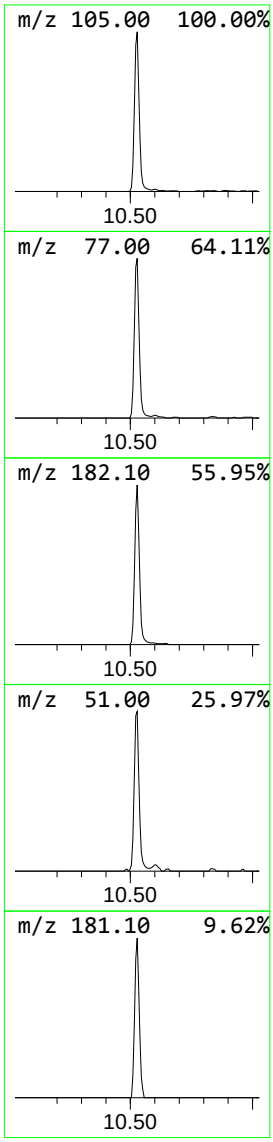
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	8.62 ng	233533	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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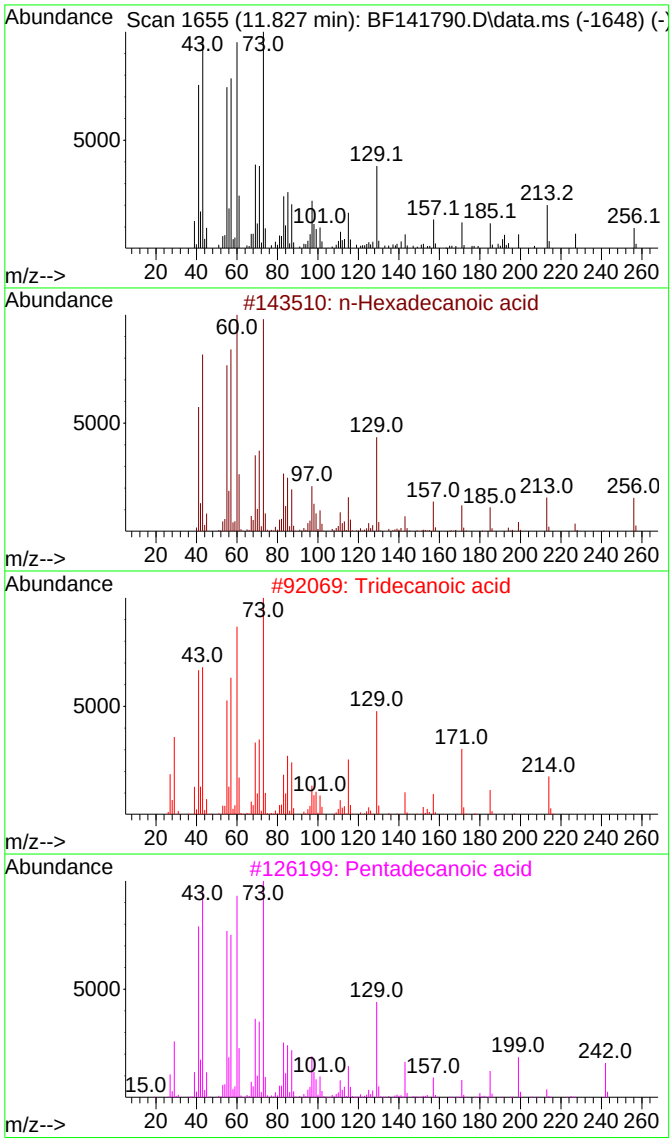
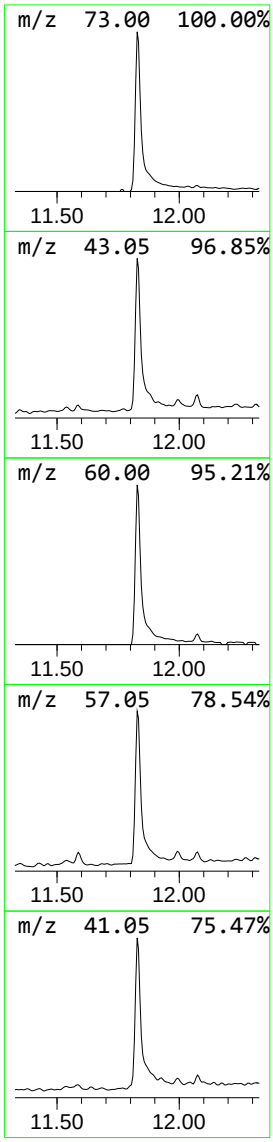
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	11.81 ng	296843	Phenanthrene-d10	11.298

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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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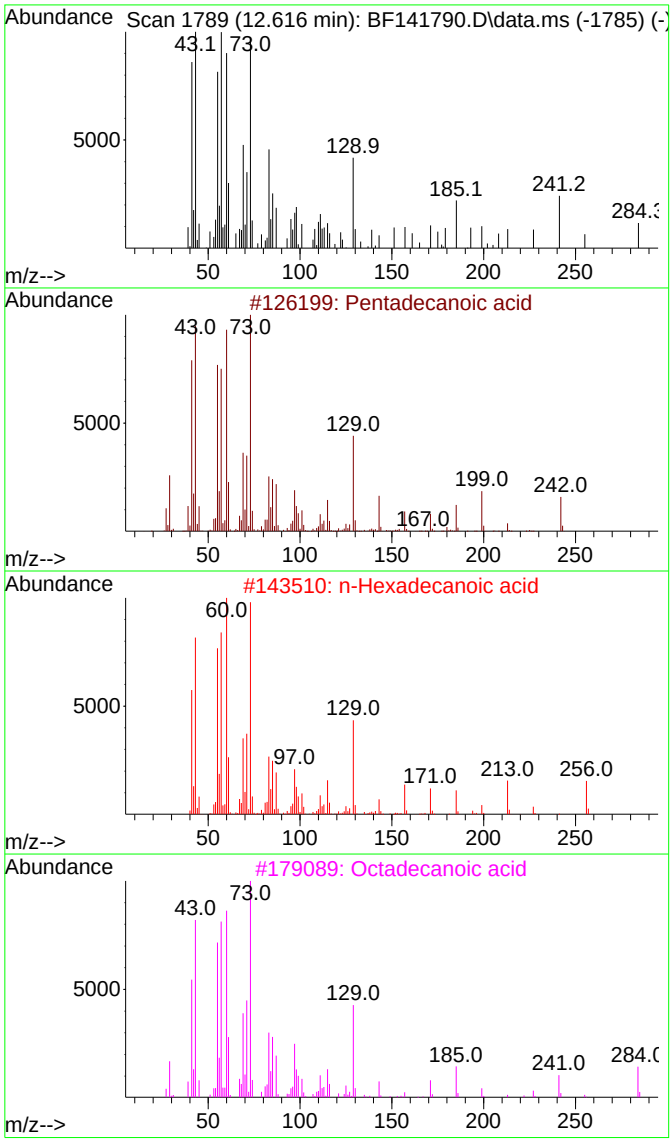
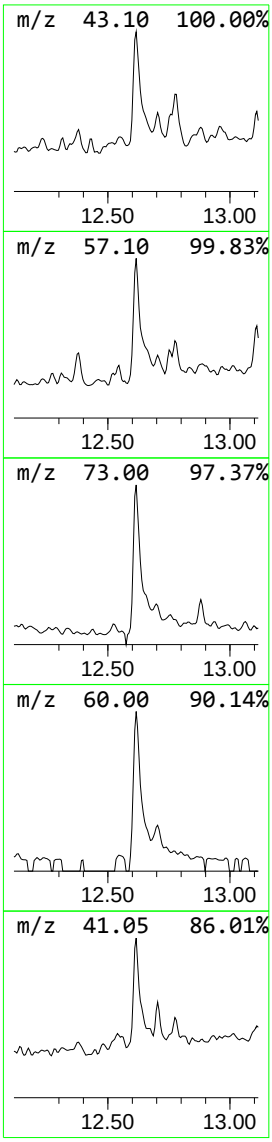
Peak Number 3 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	2.30 ng	57686	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Octadecanoic acid	284	C18H36O2	000057-11-4	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





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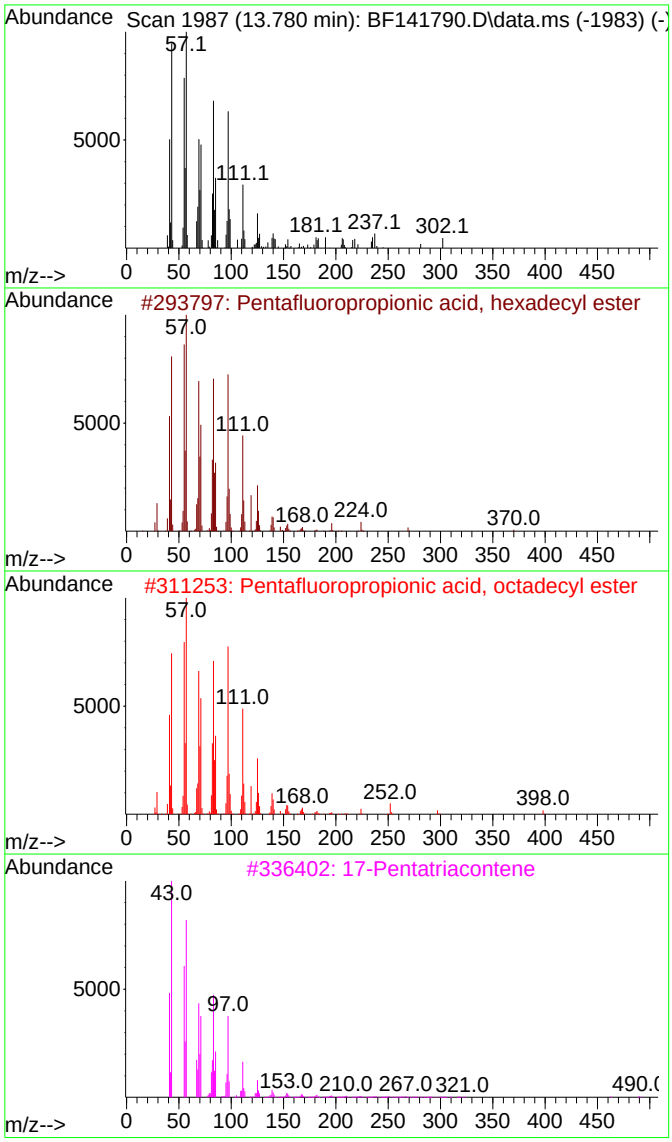
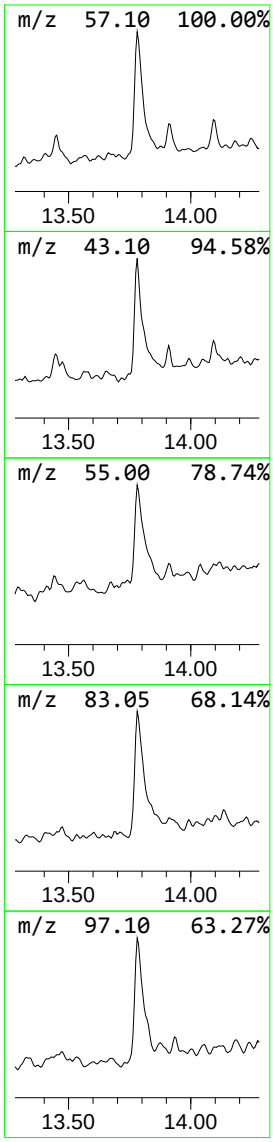
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	4.23 ng	97094	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87





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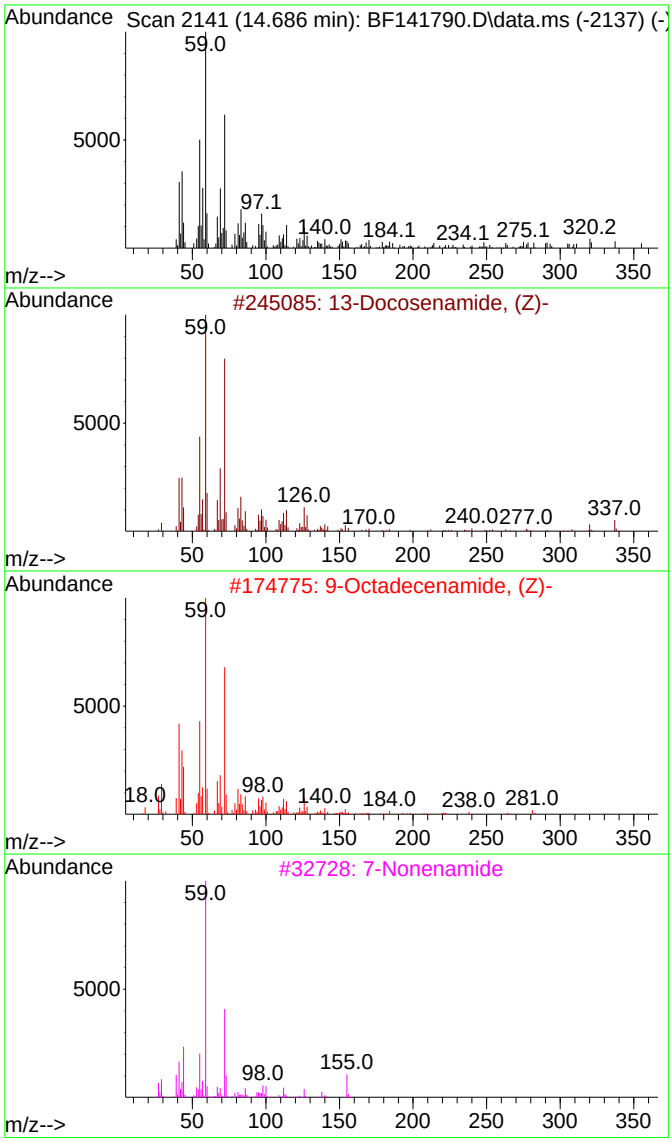
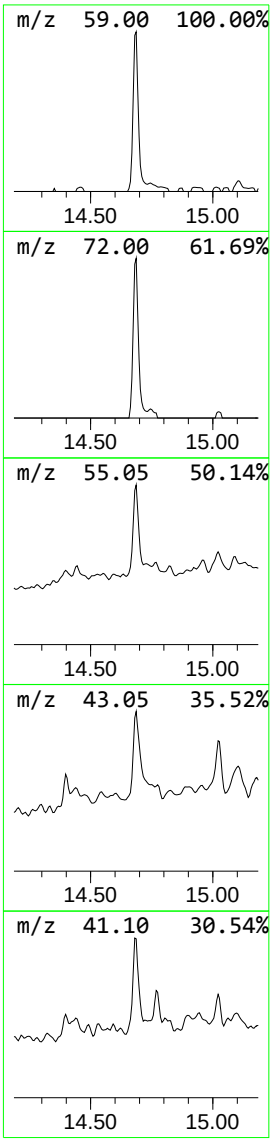
Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	4.47 ng	94085	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3	7-Nonenamide	155	C9H17NO	090949-53-4	68
4	Dodecanamide	199	C12H25NO	001120-16-7	49
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.528	8.6	ng	233533	3	9.816	541675	20.0
n-Hexadecanoic ...	11.828	11.8	ng	296843	4	11.298	502516	20.0
Pentadecanoic acid	12.616	2.3	ng	57686	4	11.298	502516	20.0
Pentafluoroprop...	13.780	4.2	ng	97094	5	13.939	458740	20.0
13-Docosenamide...	14.686	4.5	ng	94085	6	15.386	421349	20.0