LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142455.D
Acq On : 19 May 2025 17:00
Operator : RC/JU
Sample : Q2062-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L1-WC-1

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	507	rBV	157589	229676	10.74%	1.406%
2	5.510	558	564	570	rBV	1242624	1644738	76.91%	10.066%
3	6.522	730	736	741	rBV	1457134	1923890	89.96%	11.774%
4	6.904	795	801	806	rBV	591139	742052	34.70%	4.541%
5	7.457	890	895	901	rBV	807134	1051937	49.19%	6.438%
6	8.187	1013	1019	1034	rVB	741215	932632	43.61%	5.708%
7	9.257	1195	1201	1206	rBV	1730087	2138555	100.00%	13.088%
8	9.939	1311	1317	1330	rBV	739508	937114	43.82%	5.735%
9	10.651	1432	1438	1445	rBV	265673	332503	15.55%	2.035%
10	10.722	1445	1450	1462	rBV	987469	1286109	60.14%	7.871%
11	10.957	1485	1490	1498	rVB	60309	75660	3.54%	0.463%
12	11.422	1564	1569	1577	rBV	640576	843521	39.44%	5.162%
13	11.880	1639	1647	1654	rBV	106462	275343	12.88%	1.685%
14	11.945	1654	1658	1672	rVB2	251520	398276	18.62%	2.437%
15	12.451	1739	1744	1752	rBV2	15487	29775	1.39%	0.182%
16	12.639	1771	1776	1779	rBV	44710	62492	2.92%	0.382%
17	12.733	1787	1792	1799	rBV2	23354	44990	2.10%	0.275%
18	12.869	1809	1815	1819	rBV	34894	52085	2.44%	0.319%
19	13.010	1833	1839	1844	rBV	1400151	1756713	82.14%	10.751%
20	13.904	1987	1991	2001	rBV	66716	125422	5.86%	0.768%
21	14.063	2011	2018	2029	rBV	507474	746670	34.91%	4.570%
22	14.533	2094	2098	2102	rBV	27431	39647	1.85%	0.243%
23	14.833	2144	2149	2155	rBV3	29454	67835	3.17%	0.415%
24	15.557	2266	2272	2287	rVB	355783	602466	28.17%	3.687%

Sum of corrected areas: 16340101

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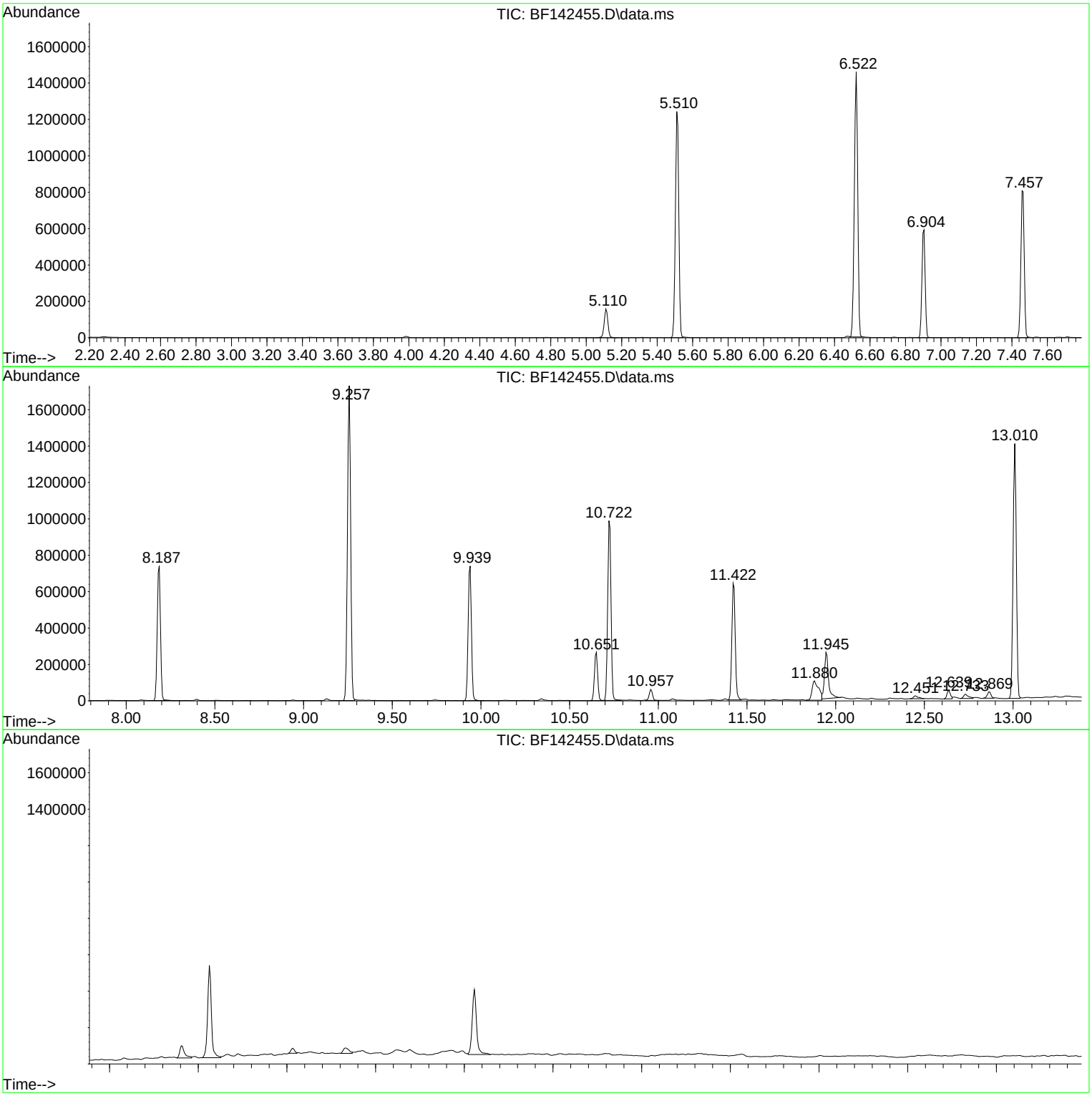
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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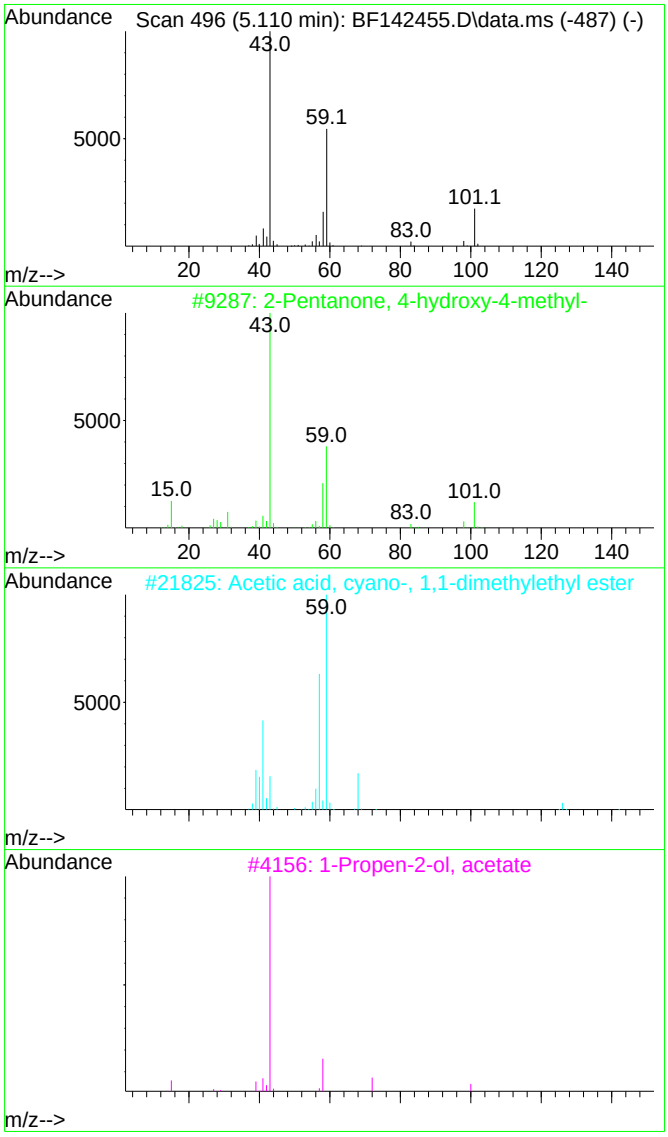
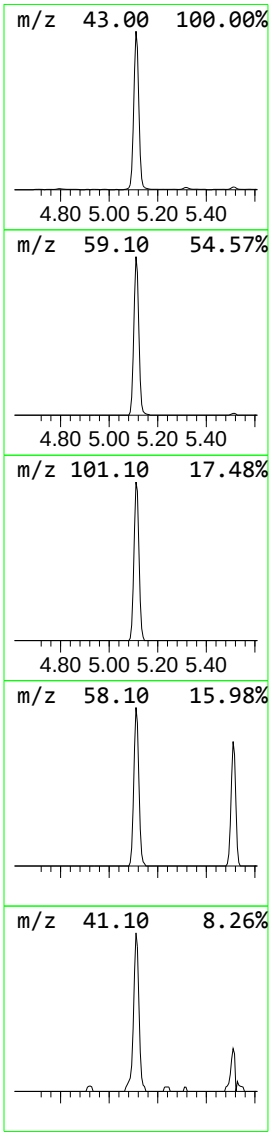
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.19 ng	229676	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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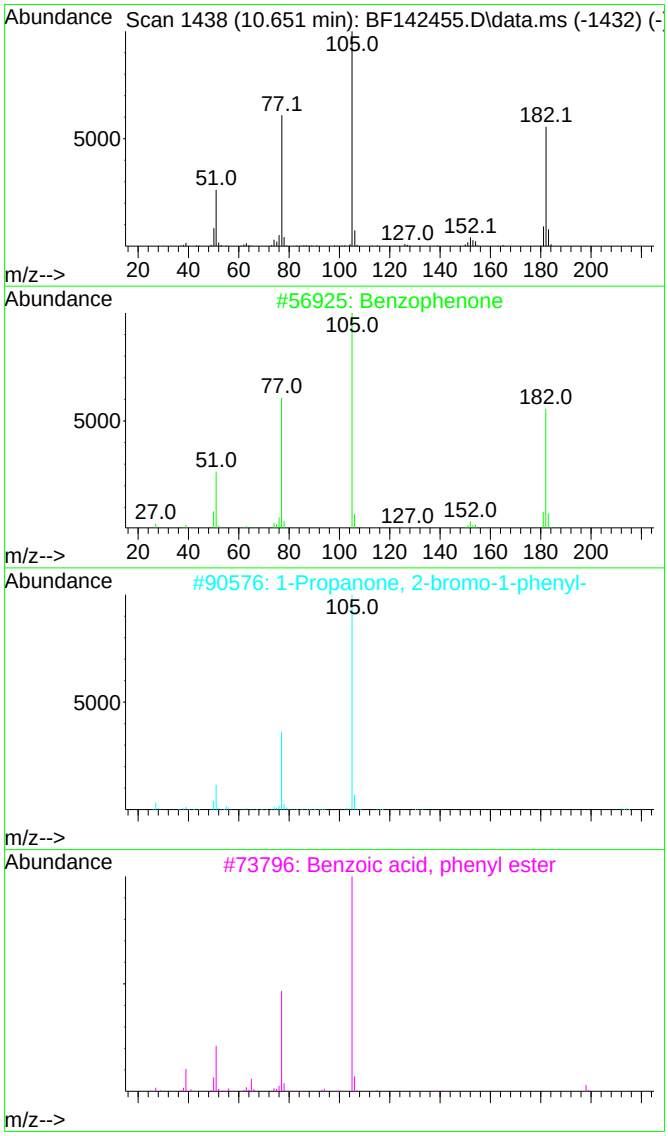
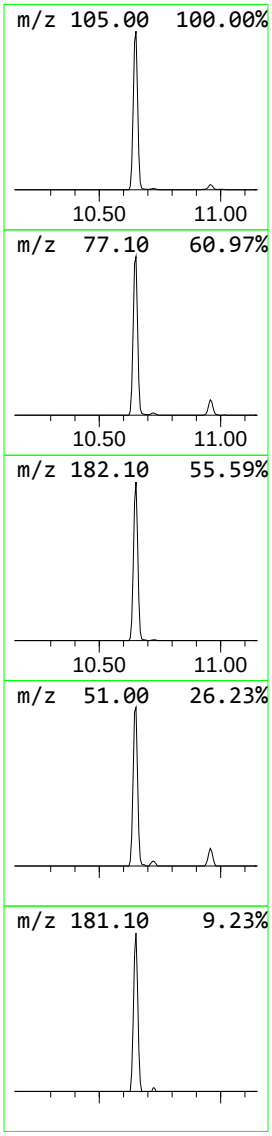
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	7.10 ng	332503	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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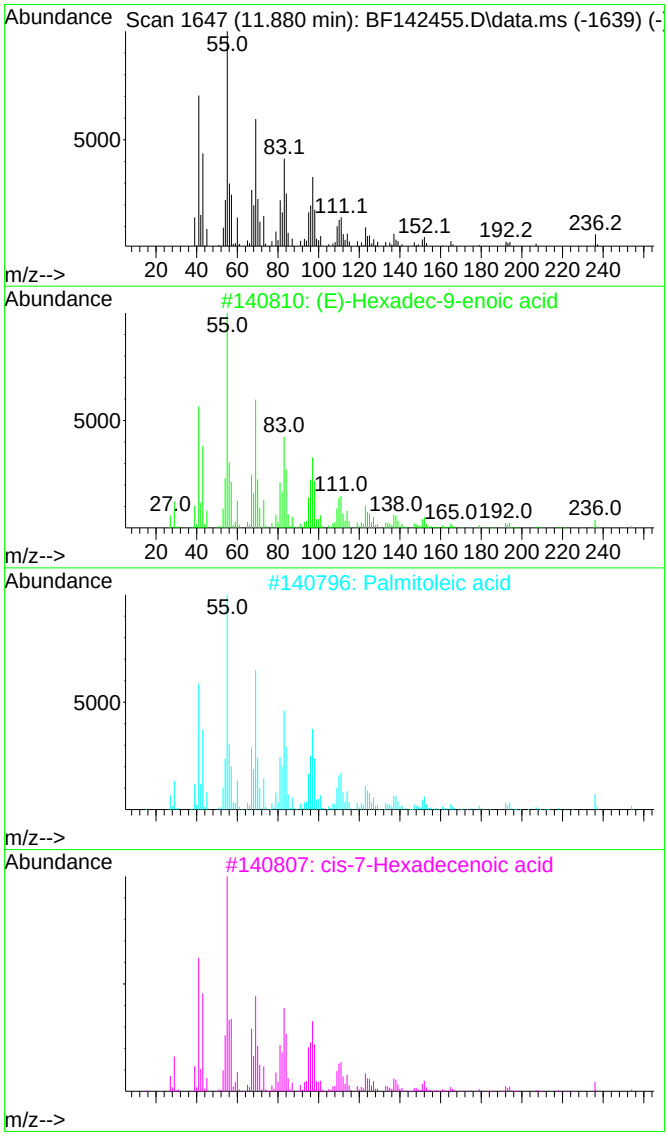
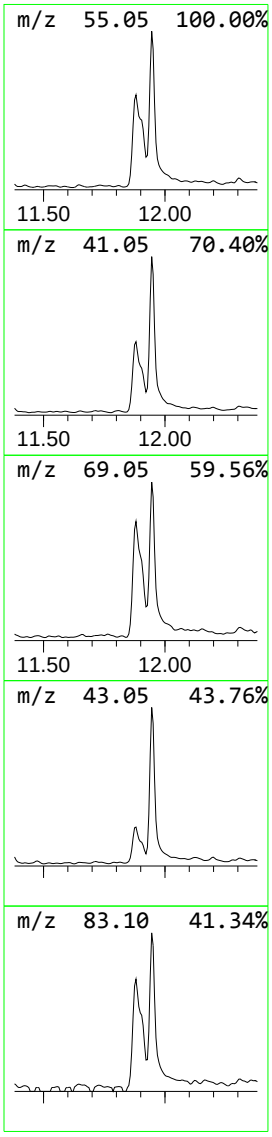
Peak Number 3 (E)-Hexadec-9-enoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	6.53 ng	275343	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	95
2	Palmitoleic acid	254	C16H30O2	000373-49-9	95
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	93
4	Myristoleic acid	226	C14H26O2	000544-64-9	90
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87





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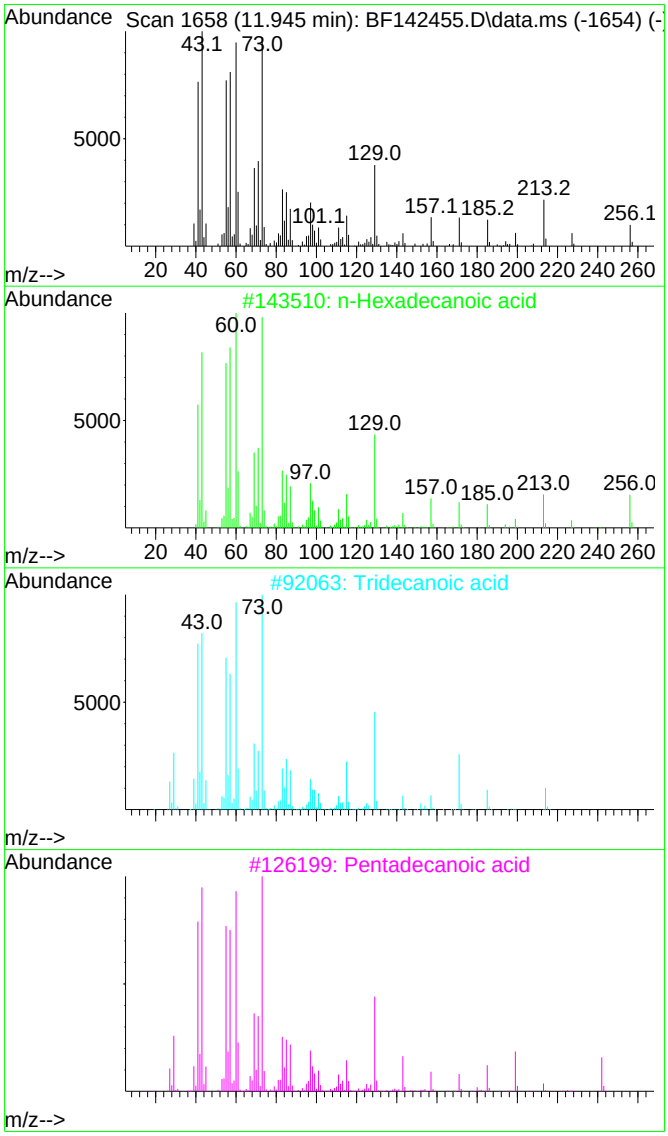
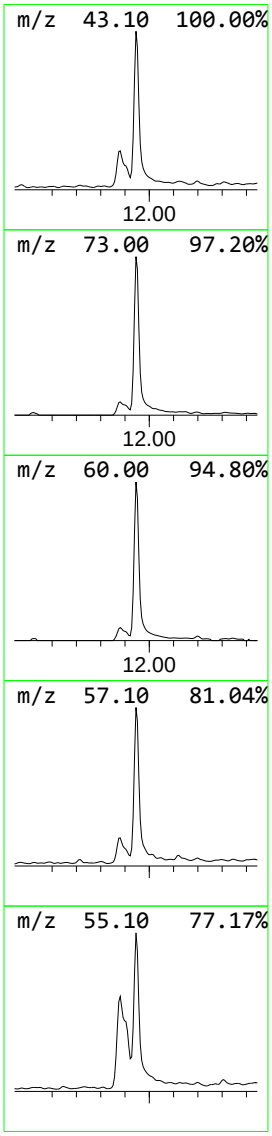
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	9.44 ng	398276	Phenanthrene-d10	11.422

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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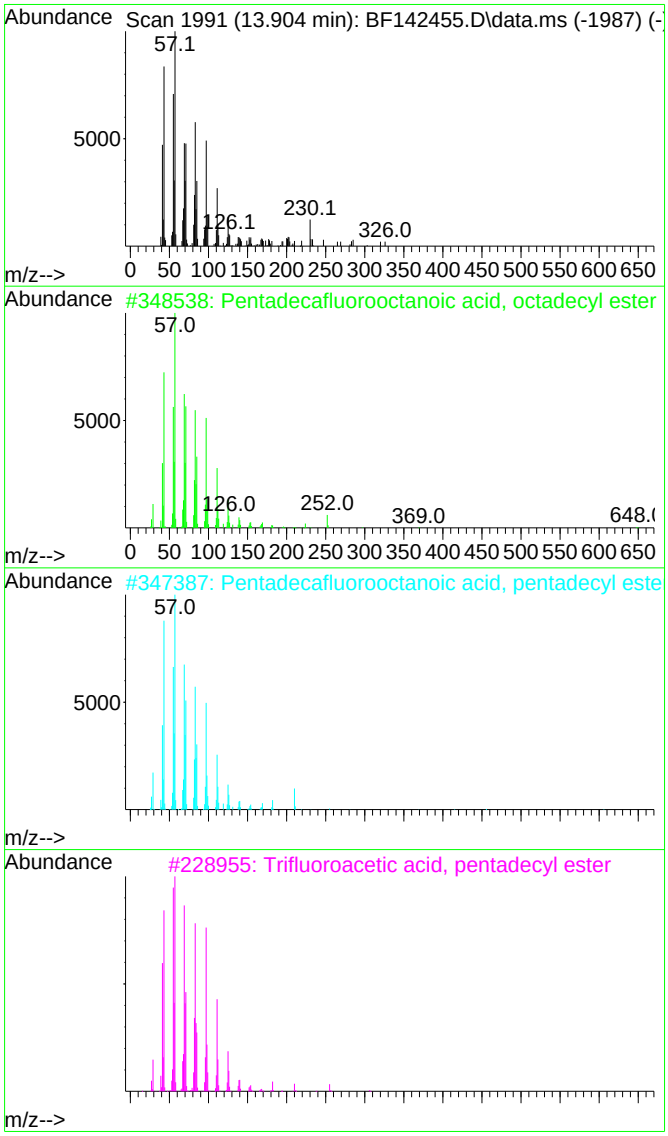
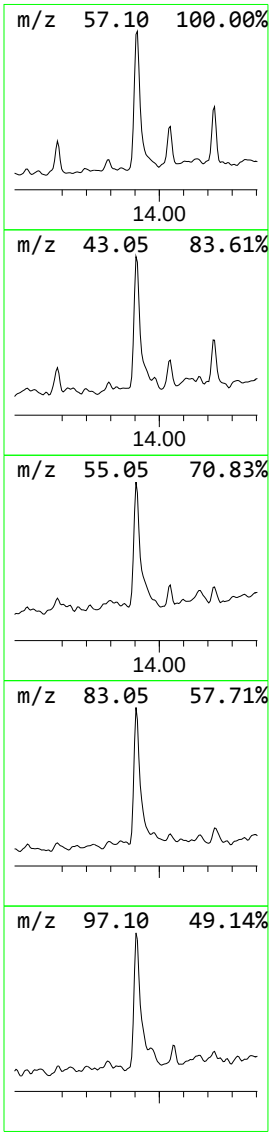
****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.36 ng	125422	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93





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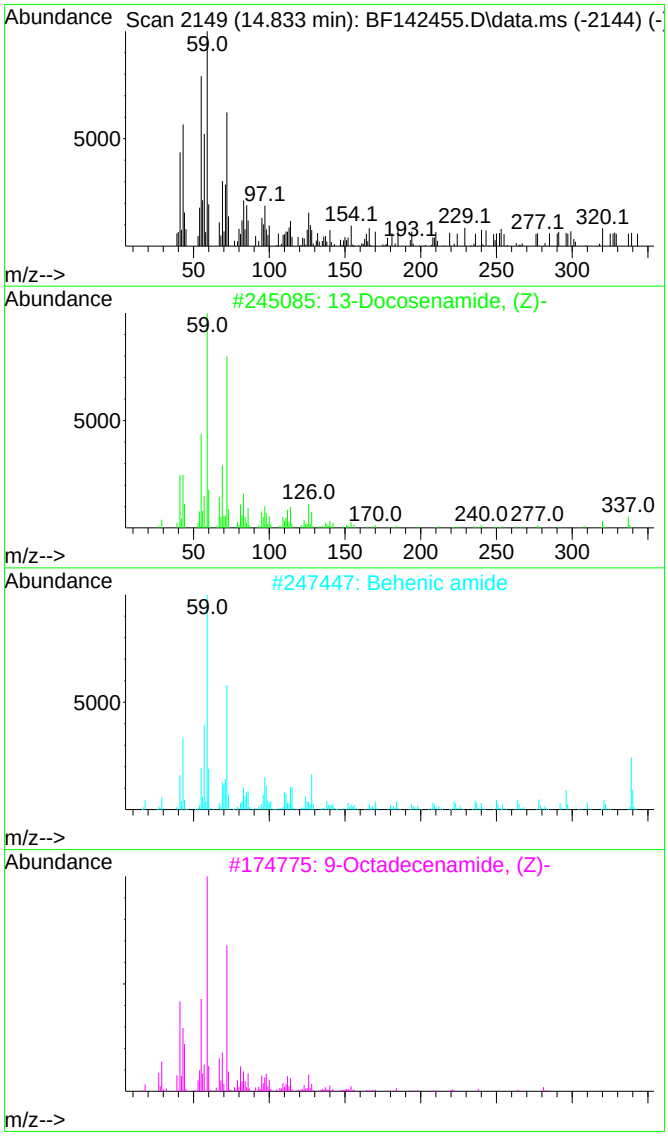
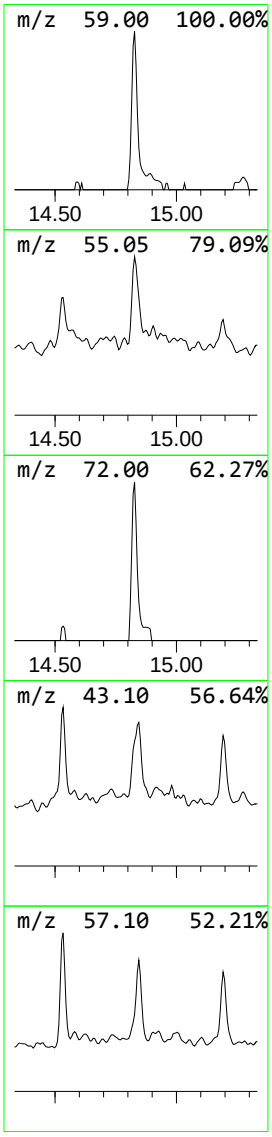
Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	2.25 ng	67835	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	95
2	Behenic amide	339	C22H45NO	003061-75-4	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	46
5	Palmitoleamide	253	C16H31NO	106010-22-4	38





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-...	5.110	6.2	ng	229676	1	6.904	742052	20.0
Benzophenone	10.651	7.1	ng	332503	3	9.939	937114	20.0
(E)-Hexadec-9-e...	11.881	6.5	ng	275343	4	11.422	843521	20.0
n-Hexadecanoic ...	11.945	9.4	ng	398276	4	11.422	843521	20.0
Pentadecafluoro...	13.904	3.4	ng	125422	5	14.063	746670	20.0
13-Docosenamide...	14.833	2.3	ng	67835	6	15.557	602466	20.0