LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142677.D
Acq On : 07 Jun 2025 08:02
Operator : RC/JU
Sample : Q2241-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-S

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142677.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	508	rBV	138476	210244	10.22%	1.392%
2	5.510	558	564	582	rBV	1413916	1847839	89.79%	12.236%
3	6.516	729	735	763	rVB	1367241	1844774	89.64%	12.215%
4	6.892	794	799	804	rBV	612939	741571	36.03%	4.910%
5	7.451	889	894	905	rBV	867154	1162989	56.51%	7.701%
6	8.175	1012	1017	1033	rBV	687780	901203	43.79%	5.967%
7	9.251	1195	1200	1205	rBV	1673013	2057948	100.00%	13.627%
8	9.933	1311	1316	1325	rVB	671275	825200	40.10%	5.464%
9	10.645	1430	1437	1445	rBV	160684	198592	9.65%	1.315%
10	10.722	1445	1450	1460	rBV	748225	951985	46.26%	6.304%
11	11.422	1564	1569	1577	rBV	525016	672142	32.66%	4.451%
12	11.945	1652	1658	1670	rBV2	87950	156690	7.61%	1.038%
13	12.639	1772	1776	1778	rBV	19557	27244	1.32%	0.180%
14	12.669	1778	1781	1786	rVB	29586	38001	1.85%	0.252%
15	12.727	1787	1791	1798	rBV4	17057	29823	1.45%	0.197%
16	12.822	1803	1807	1811	rBV	53614	66580	3.24%	0.441%
17	13.004	1833	1838	1846	rBV	1247174	1637306	79.56%	10.842%
18	13.386	1899	1903	1907	rBV2	17426	21621	1.05%	0.143%
19	13.486	1914	1920	1924	rBV	167884	233132	11.33%	1.544%
20	13.527	1924	1927	1931	rVB	33730	43715	2.12%	0.289%
21	13.904	1986	1991	2001	rBV2	49827	88217	4.29%	0.584%
22	14.063	2013	2018	2029	rBV	568496	778479	37.83%	5.155%
23	15.557	2267	2272	2282	rVB	348185	566652	27.53%	3.752%

Sum of corrected areas: 15101947

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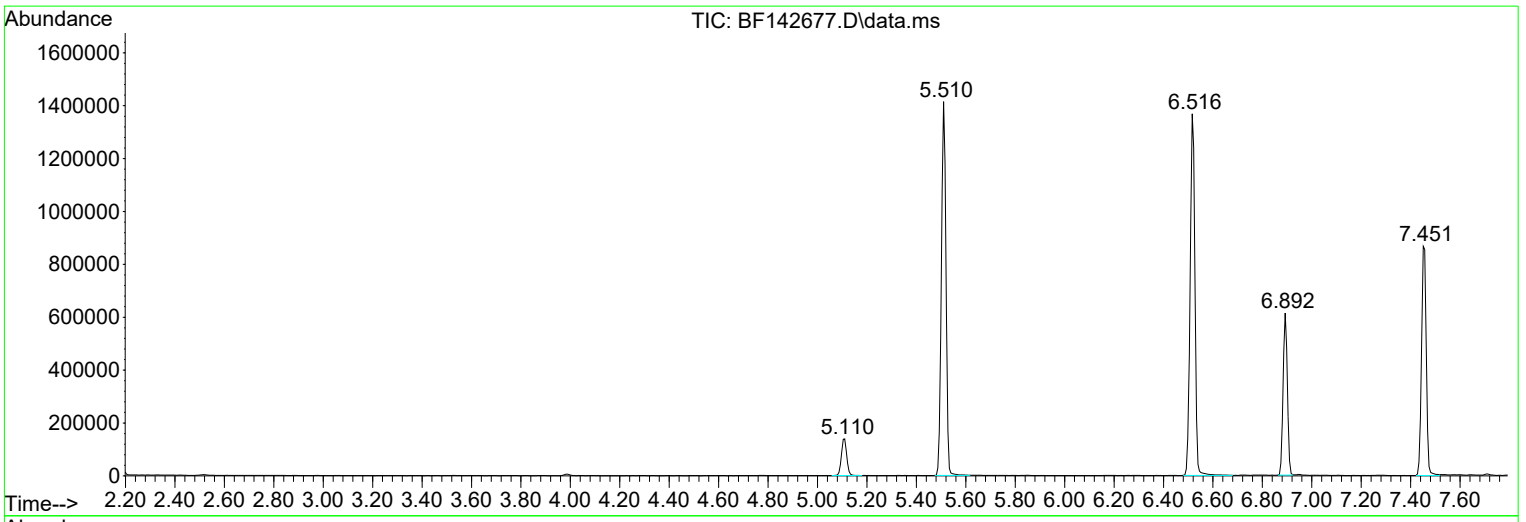
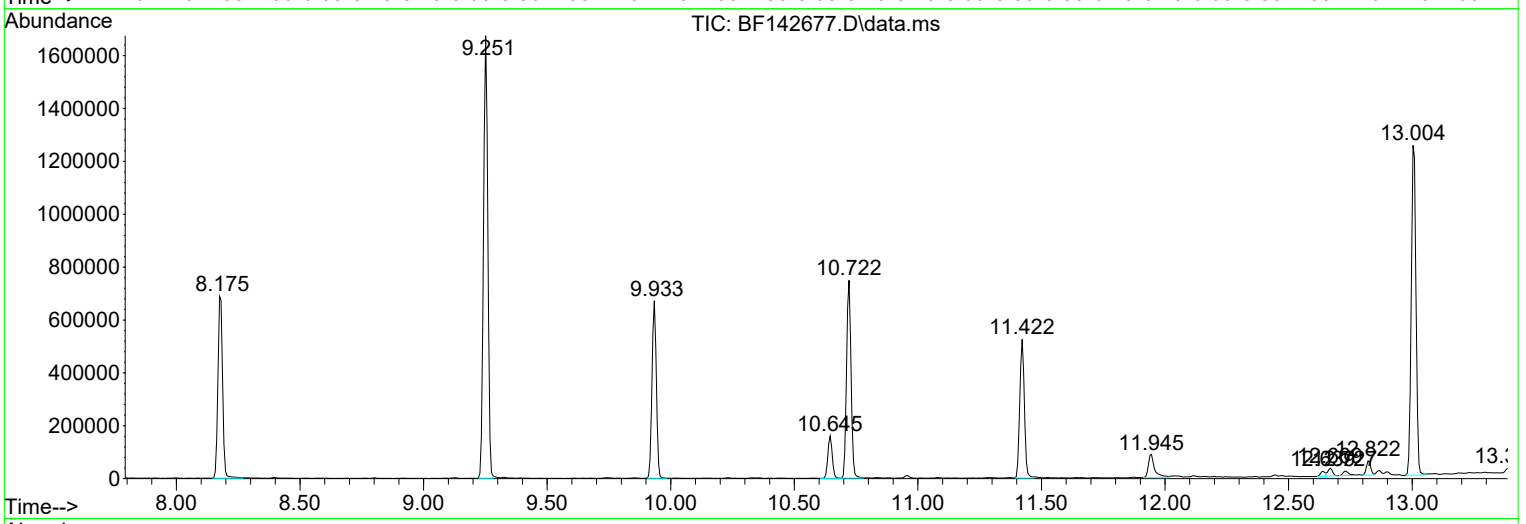
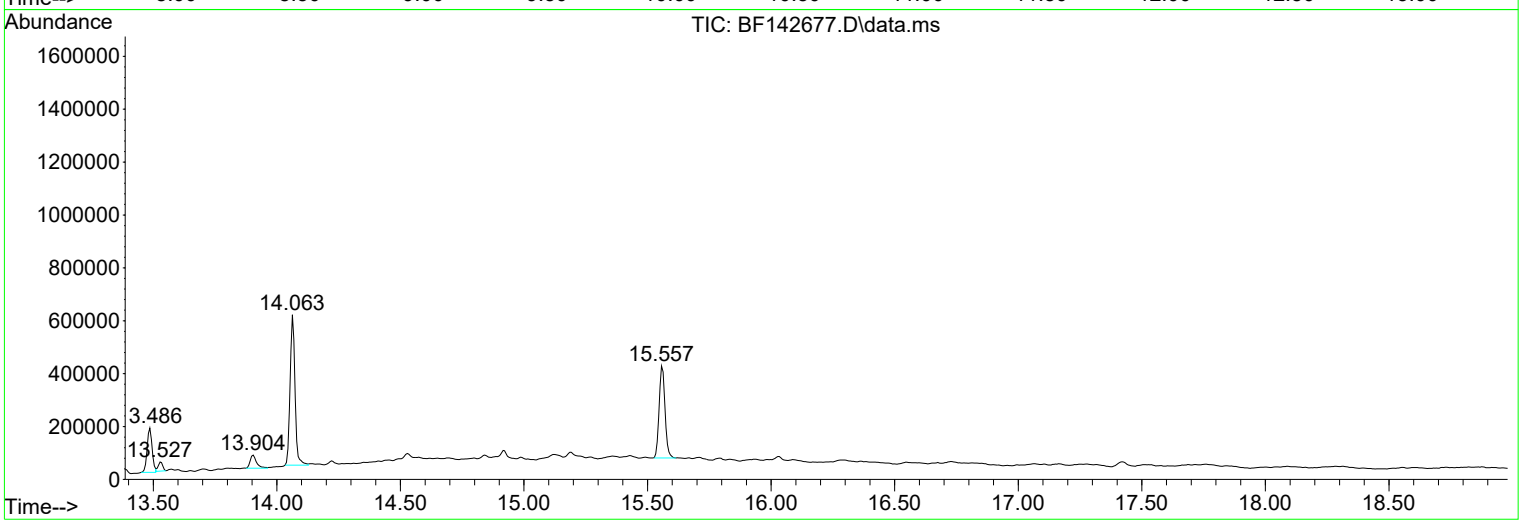
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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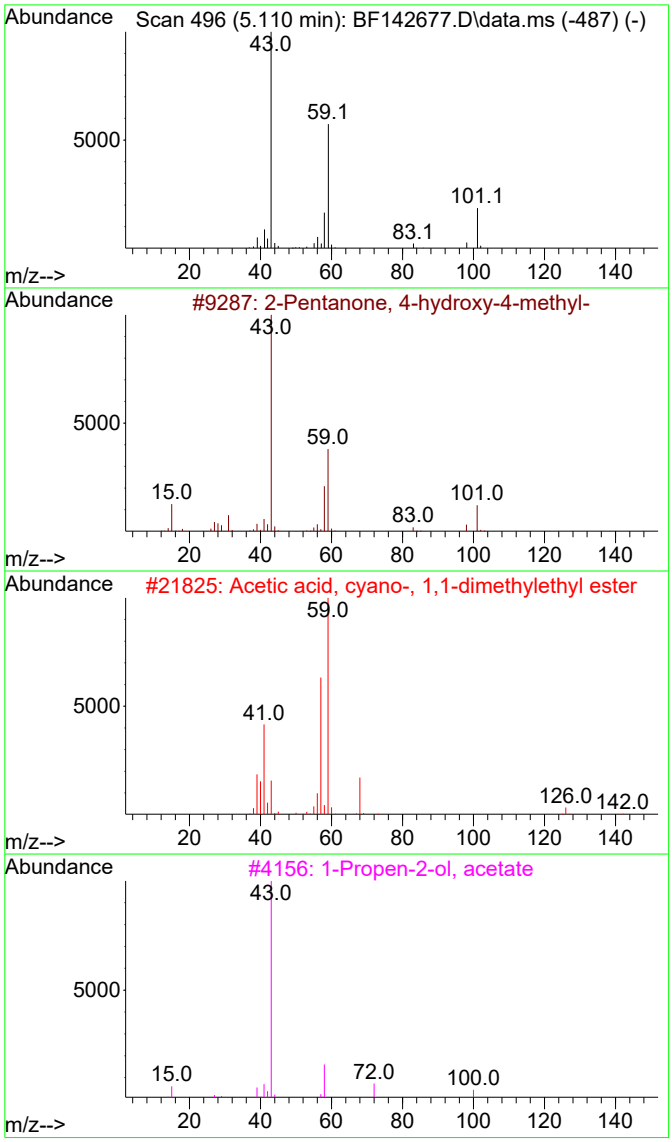
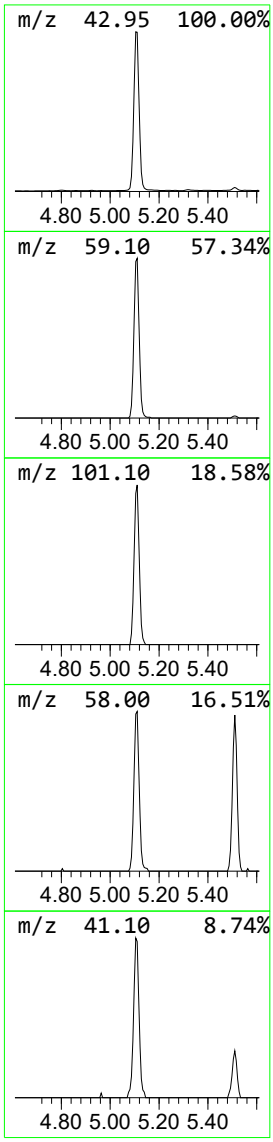
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.67 ng	210244	1,4-Dichlorobenzene-d4	6.892

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	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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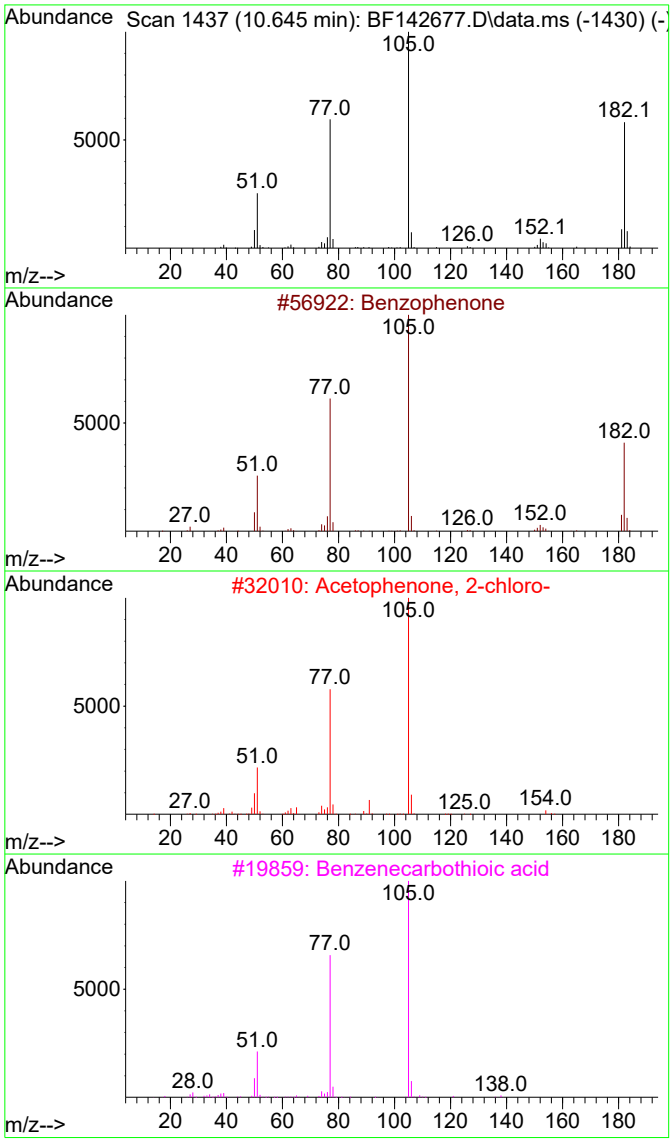
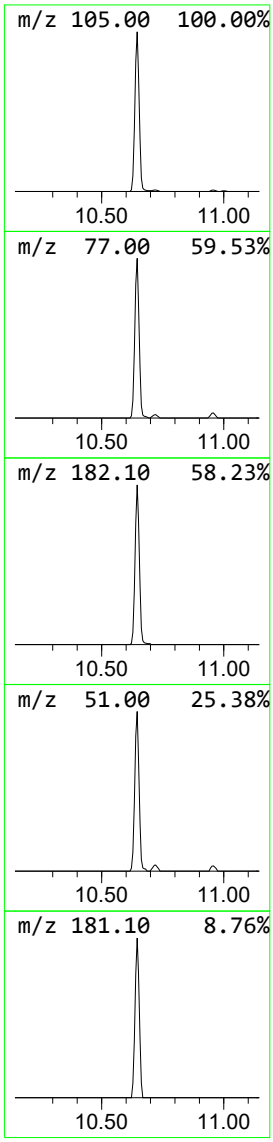
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.81 ng	198592	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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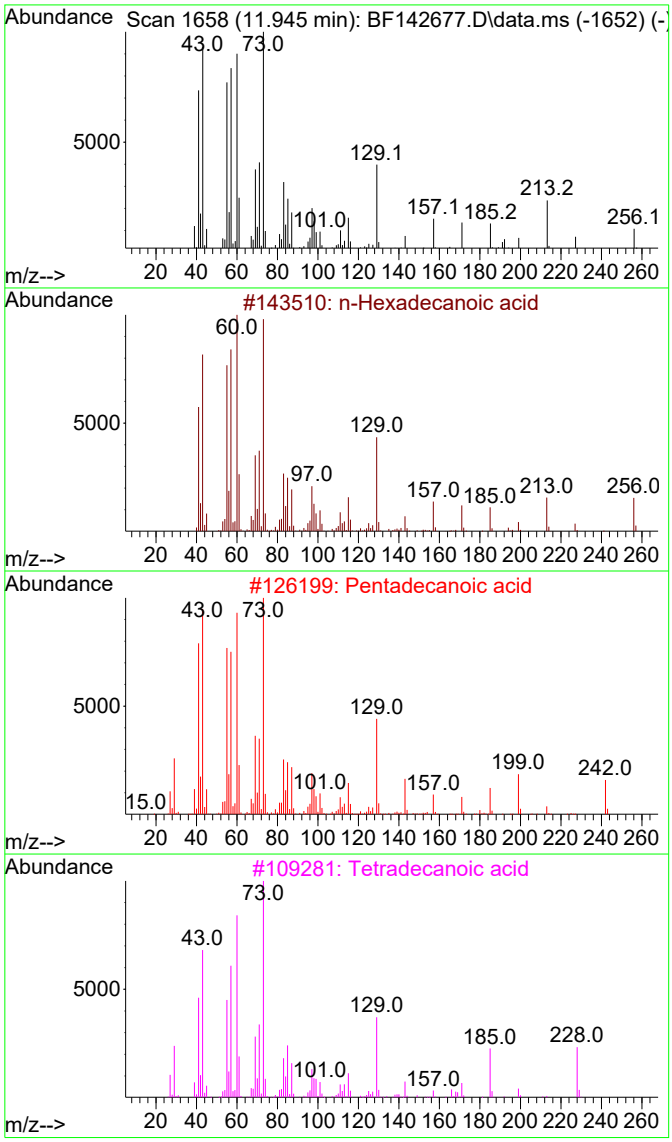
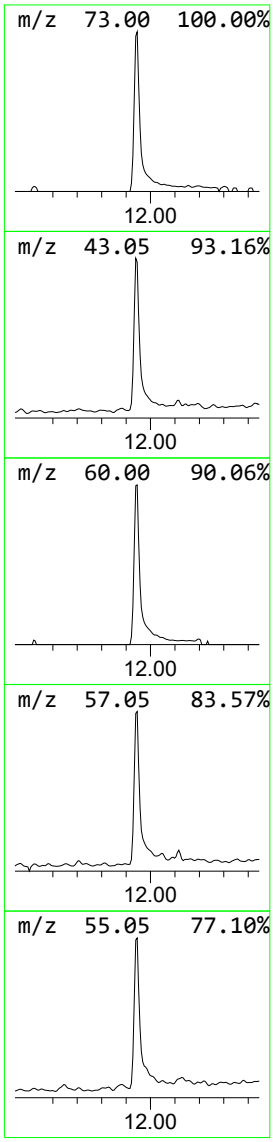
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.66 ng	156690	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





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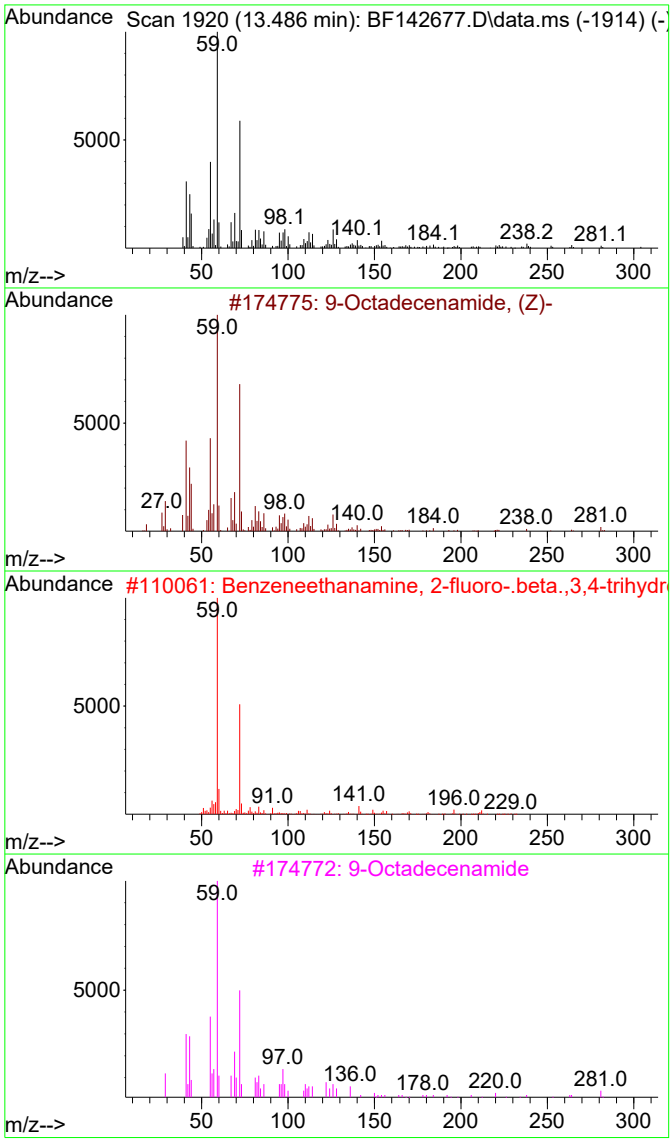
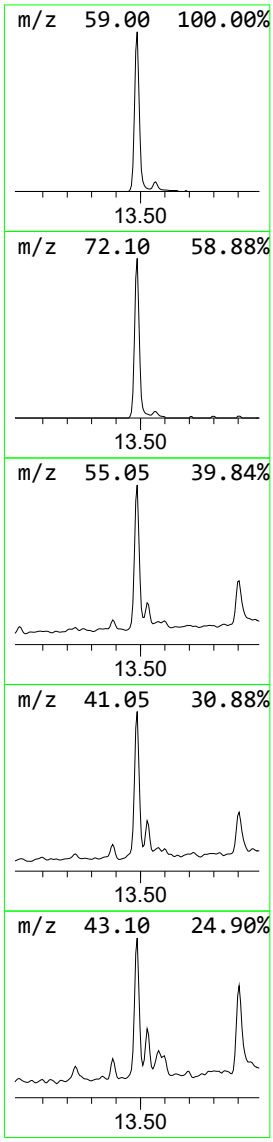
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.486	5.99 ng	233132	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	80
3	9-Octadecenamide	281	C18H35NO	003322-62-1	78
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
5	Hexadecanamide	255	C16H33NO	000629-54-9	59





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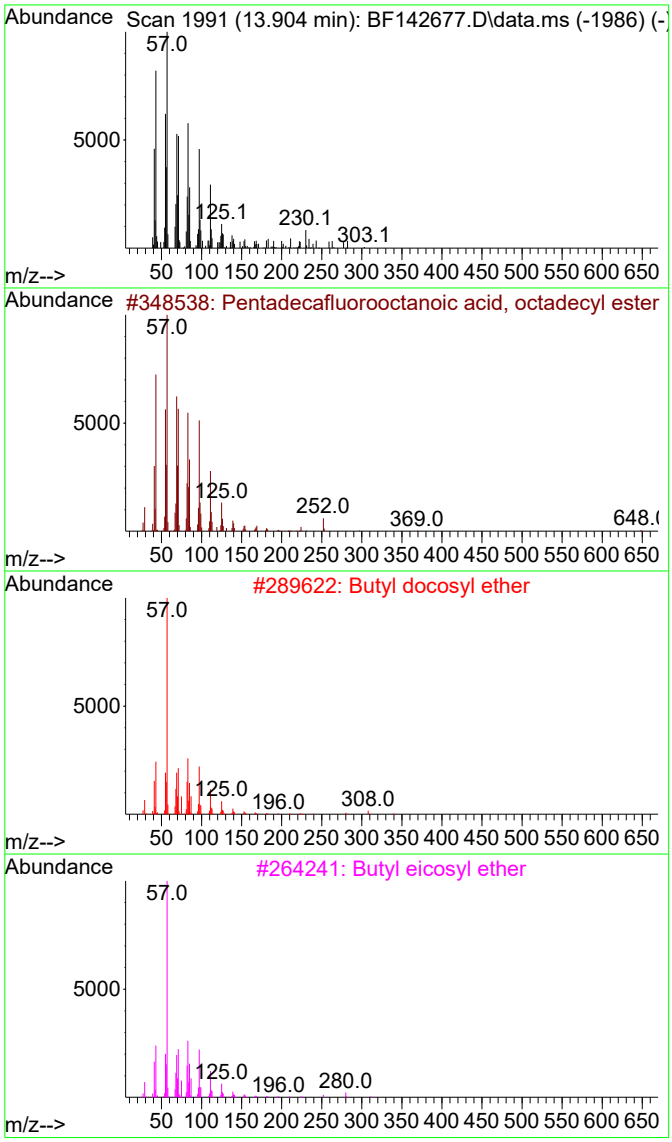
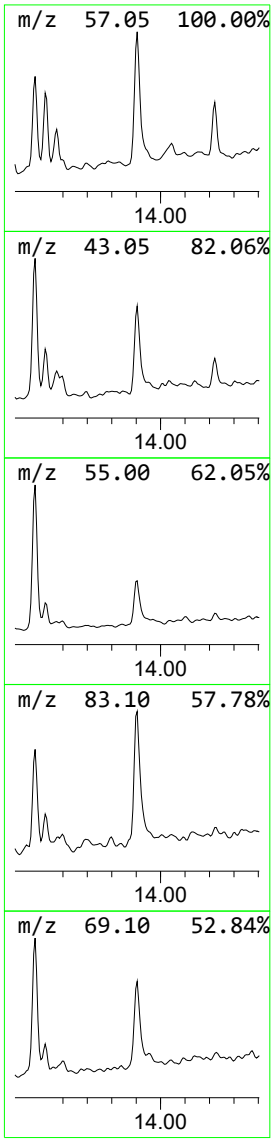
****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.27 ng	88217	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Butyl docosyl ether	382	C26H54O	1000406-40-8	91
3	Butyl eicosyl ether	354	C24H50O	1000406-40-7	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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	5.7	ng	210244	1	6.892	741571	20.0
Benzophenone	10.645	4.8	ng	198592	3	9.933	825200	20.0
n-Hexadecanoic ...	11.945	4.7	ng	156690	4	11.422	672142	20.0
9-Octadecenamid...	13.486	6.0	ng	233132	5	14.063	778479	20.0
Pentadecafluoro...	13.904	2.3	ng	88217	5	14.063	778479	20.0