LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142673.D
Acq On : 07 Jun 2025 06:05
Operator : RC/JU
Sample : Q2176-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-56

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: BF142673.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	486	496	506	rBV	159021	242811	8.75%	1.337%
2	5.510	556	564	569	rBV	1576025	2073149	74.69%	11.419%
3	6.516	729	735	762	rBV	1540586	2140654	77.12%	11.791%
4	6.893	794	799	804	rBV	604365	735086	26.48%	4.049%
5	7.451	888	894	904	rBV	1026101	1385911	49.93%	7.634%
6	7.704	933	937	949	rVB	23787	37077	1.34%	0.204%
7	8.175	1012	1017	1025	rBV	744997	949752	34.22%	5.231%
8	9.251	1194	1200	1205	rBV	2238914	2775708	100.00%	15.289%
9	9.934	1310	1316	1327	rBV	804744	998785	35.98%	5.501%
10	10.645	1432	1437	1445	rBV	323156	391599	14.11%	2.157%
11	10.722	1445	1450	1464	rVV	1071935	1360397	49.01%	7.493%
12	11.422	1564	1569	1579	rBV	623840	828950	29.86%	4.566%
13	11.939	1650	1657	1670	rBV3	70674	133585	4.81%	0.736%
14	12.633	1770	1775	1779	rBV	73559	96357	3.47%	0.531%
15	12.863	1810	1814	1818	rVB	54632	75281	2.71%	0.415%
16	13.004	1833	1838	1847	rBV	1507333	1955756	70.46%	10.773%
17	13.898	1986	1990	2002	rBV2	74286	123744	4.46%	0.682%
18	14.063	2011	2018	2031	rBV	555241	818710	29.50%	4.510%
19	14.222	2040	2045	2053	rBV2	22519	39198	1.41%	0.216%
20	14.527	2093	2097	2103	rBV2	25192	45142	1.63%	0.249%
21	15.116	2192	2197	2206	rBV	41128	97793	3.52%	0.539%
22	15.427	2246	2250	2255	rVB	21174	33383	1.20%	0.184%
23	15.492	2256	2261	2266	rBV	26647	46334	1.67%	0.255%
24	15.557	2266	2272	2287	rVB	473715	769720	27.73%	4.240%

Sum of corrected areas: 18154882

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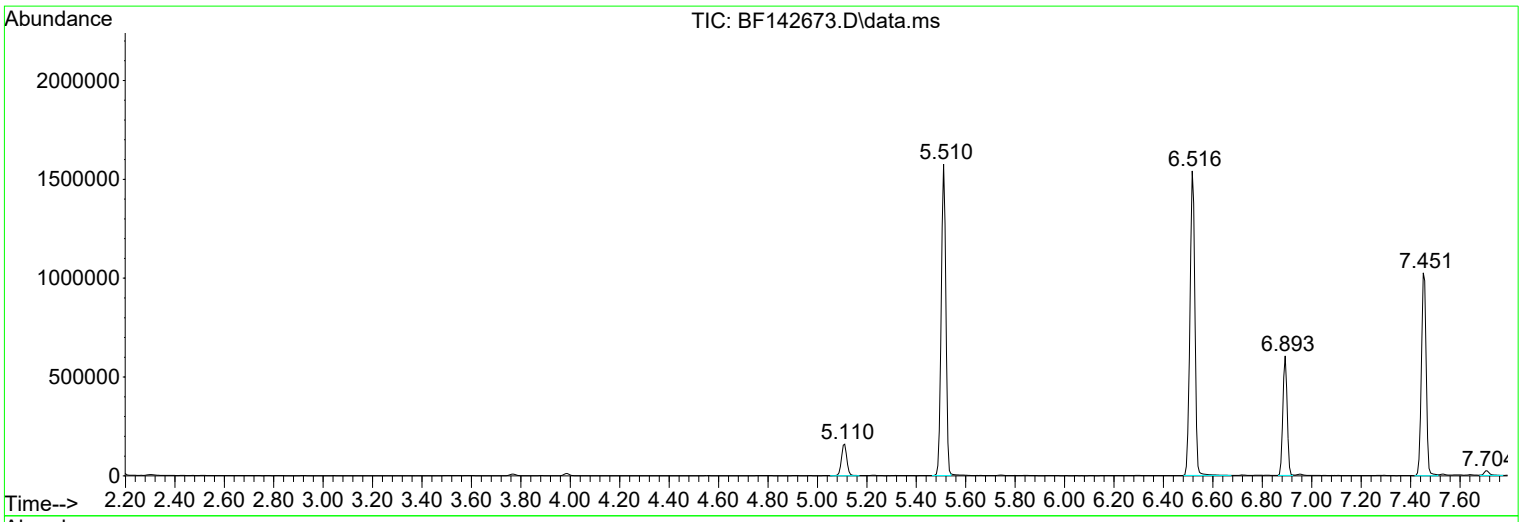
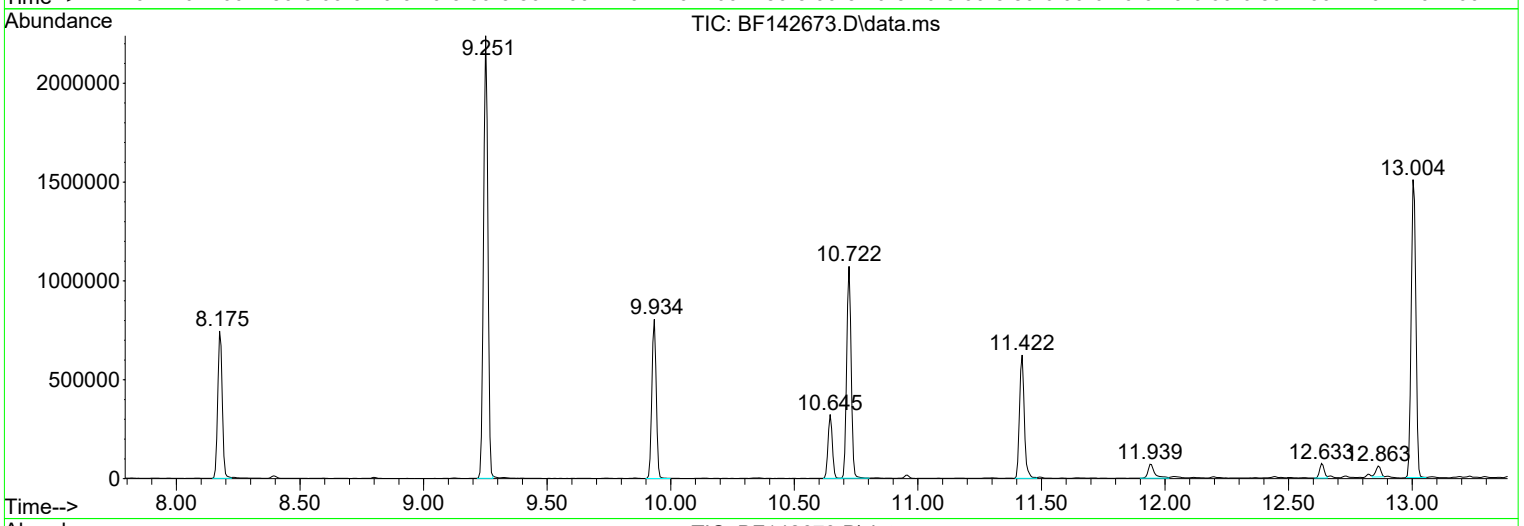
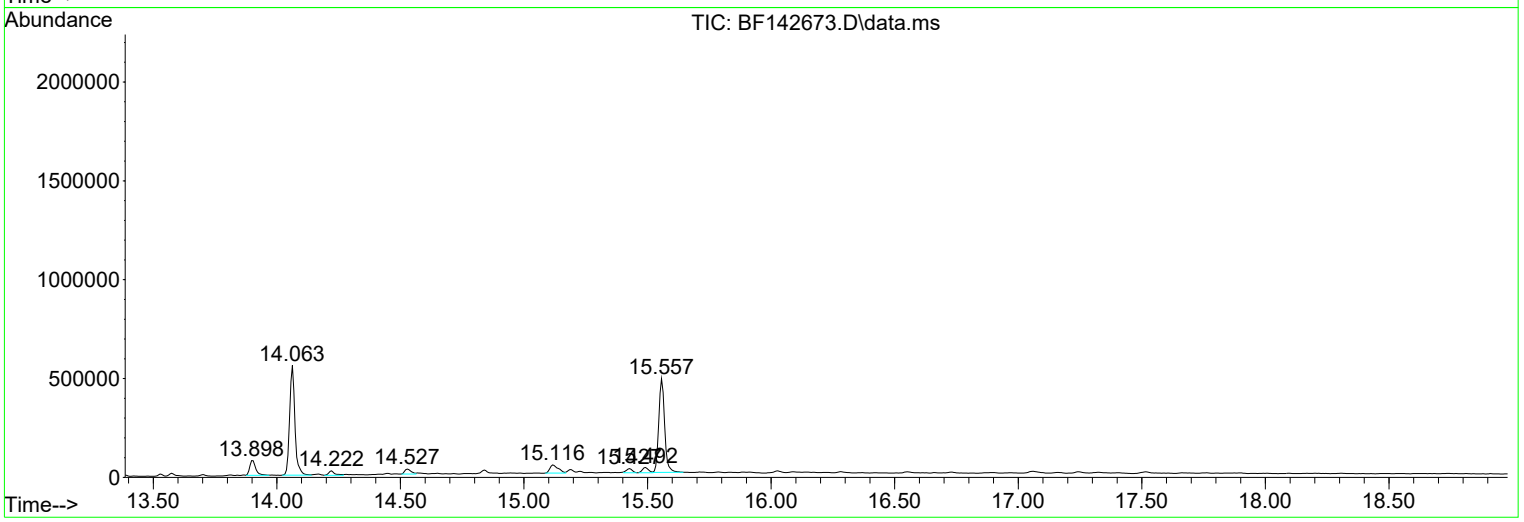
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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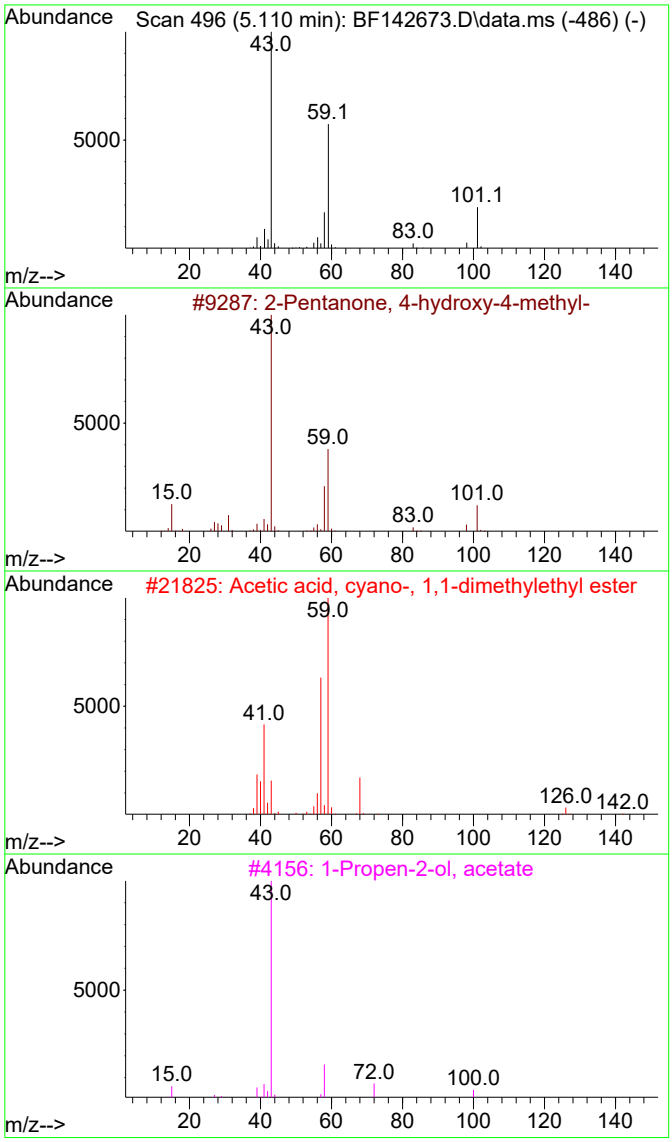
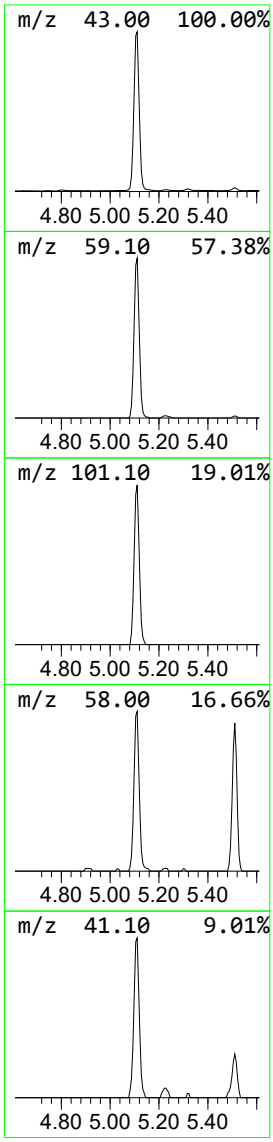
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.61 ng	242811	1,4-Dichlorobenzene-d4	6.893

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	Acetone	58	C3H6O	000067-64-1	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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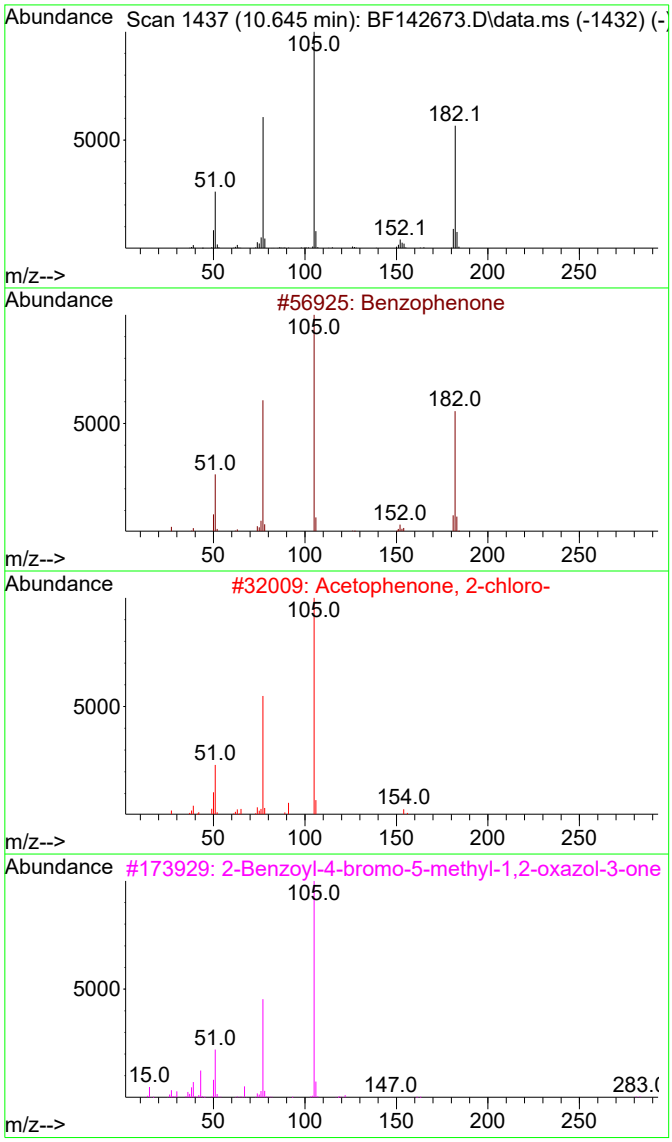
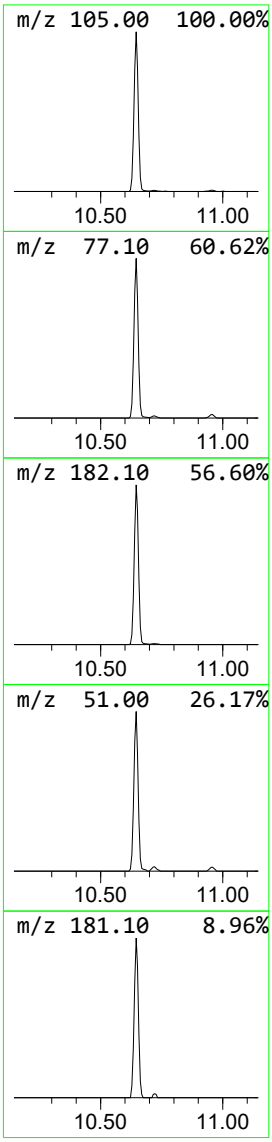
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	7.84 ng	391599	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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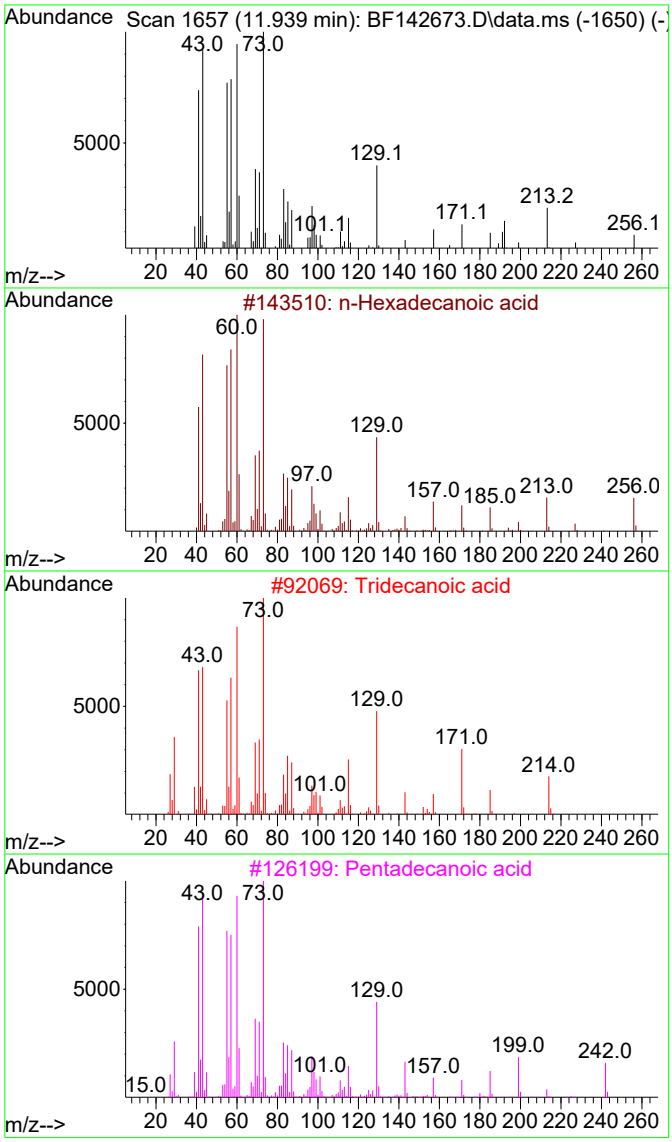
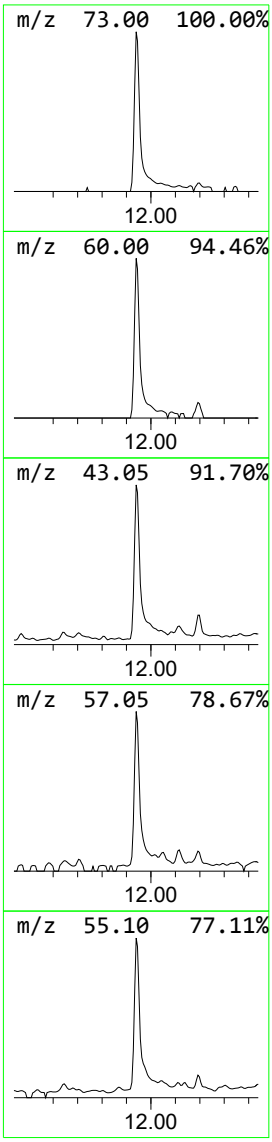
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.22 ng	133585	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	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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TIC Library : C:\Database\NIST20.L
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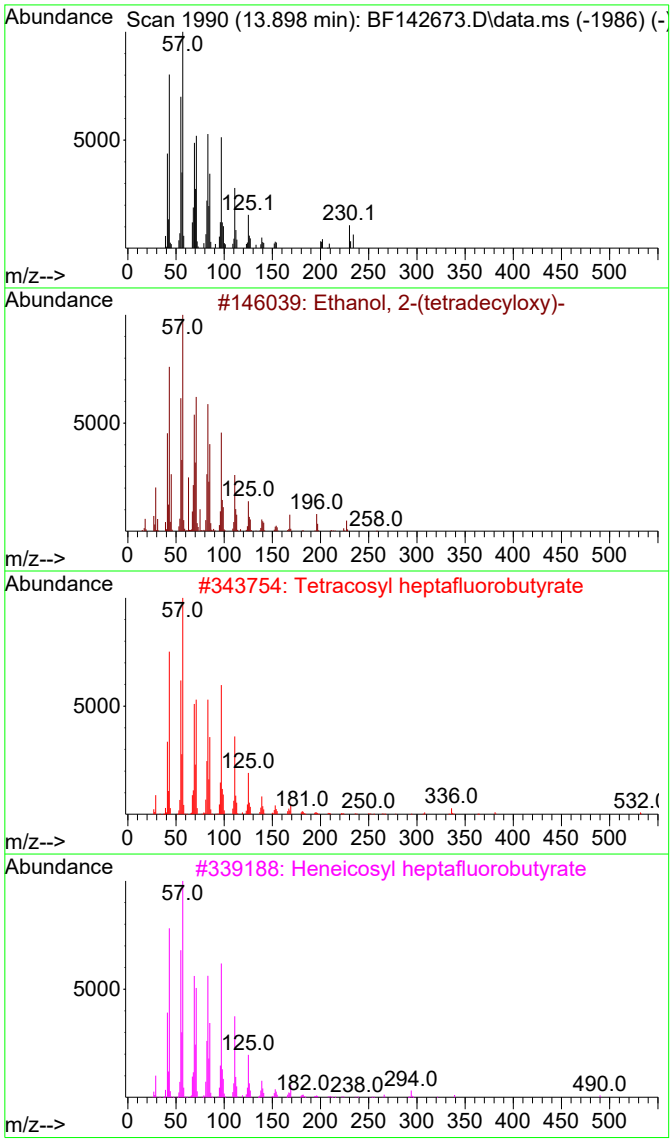
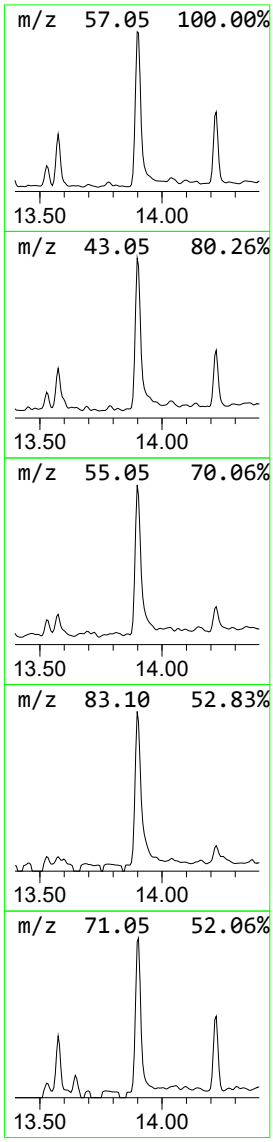
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.02 ng	123744	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87





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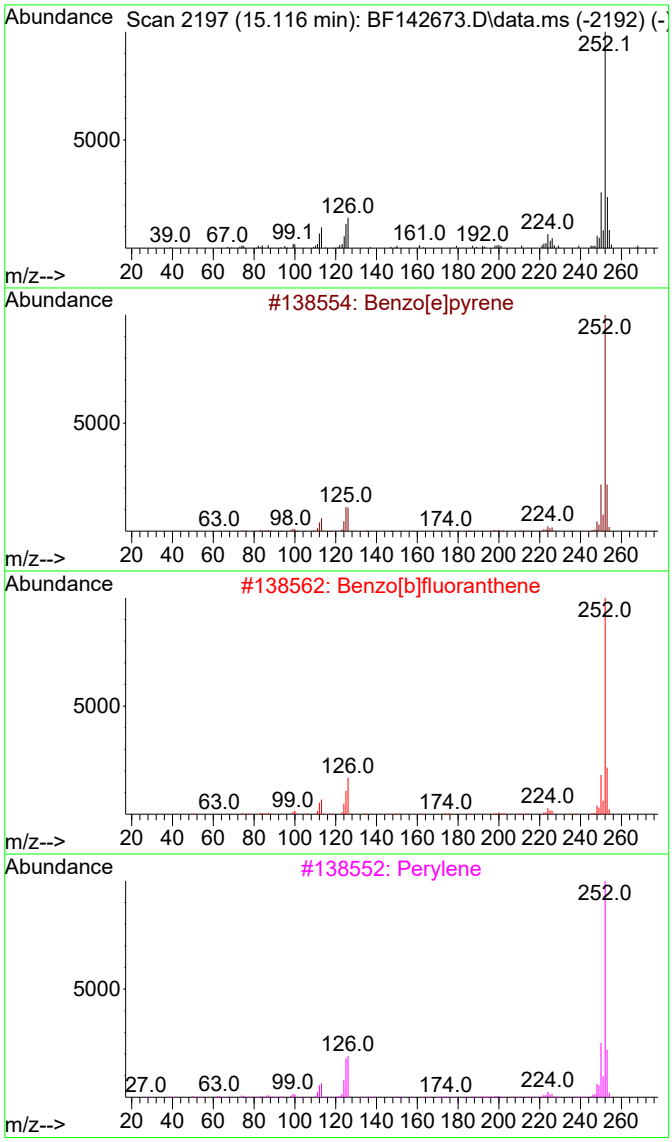
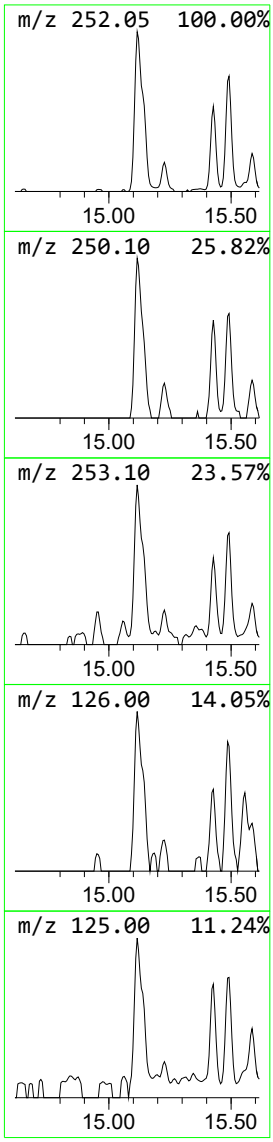
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.54 ng	97793	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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	6.6	ng	242811	1	6.893	735086	20.0
Benzophenone	10.645	7.8	ng	391599	3	9.934	998785	20.0
n-Hexadecanoic ...	11.939	3.2	ng	133585	4	11.422	828950	20.0
Ethanol, 2-(tet...	13.898	3.0	ng	123744	5	14.063	818710	20.0
Benzo[e]pyrene	15.116	2.5	ng	97793	6	15.557	769720	20.0