LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142643.D
Acq On : 06 Jun 2025 13:24
Operator : RC/JU
Sample : Q2207-37
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05

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: BF142643.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	486	495	506	rBV	147243	214183	11.55%	1.608%
2	5.510	558	564	579	rBV	1209653	1624596	87.60%	12.194%
3	6.516	729	735	764	rVB	1365036	1854525	100.00%	13.919%
4	6.892	794	799	804	rBV	454740	552536	29.79%	4.147%
5	7.451	889	894	905	rBV	693887	911086	49.13%	6.838%
6	7.710	934	938	947	rVB	16797	24923	1.34%	0.187%
7	8.175	1012	1017	1032	rBV	524360	695074	37.48%	5.217%
8	9.251	1195	1200	1210	rBV	1243982	1528490	82.42%	11.472%
9	9.933	1311	1316	1329	rBV	579515	714643	38.54%	5.364%
10	10.645	1432	1437	1445	rBV	111244	137866	7.43%	1.035%
11	10.722	1445	1450	1466	rVV	966084	1224279	66.02%	9.189%
12	11.421	1564	1569	1577	rBV	460833	588467	31.73%	4.417%
13	11.945	1652	1658	1673	rBV2	95879	171252	9.23%	1.285%
14	12.733	1785	1792	1805	rBV2	18617	40051	2.16%	0.301%
15	13.010	1833	1839	1844	rBV	1225746	1543729	83.24%	11.587%
16	13.904	1985	1991	2002	rBV	62863	110666	5.97%	0.831%
17	14.062	2013	2018	2033	rVB	350874	494670	26.67%	3.713%
18	14.221	2041	2045	2052	rBV	22499	29962	1.62%	0.225%
19	14.527	2093	2097	2107	rBV	31191	47038	2.54%	0.353%
20	14.845	2146	2151	2156	rBV	28270	42489	2.29%	0.319%
21	15.192	2205	2210	2216	rVB	27330	39819	2.15%	0.299%
22	15.562	2266	2273	2286	rBV	395750	678299	36.58%	5.091%
23	16.033	2348	2353	2358	rBV	19314	33961	1.83%	0.255%
24	16.556	2437	2442	2447	rBV	11164	20649	1.11%	0.155%

Sum of corrected areas: 13323253

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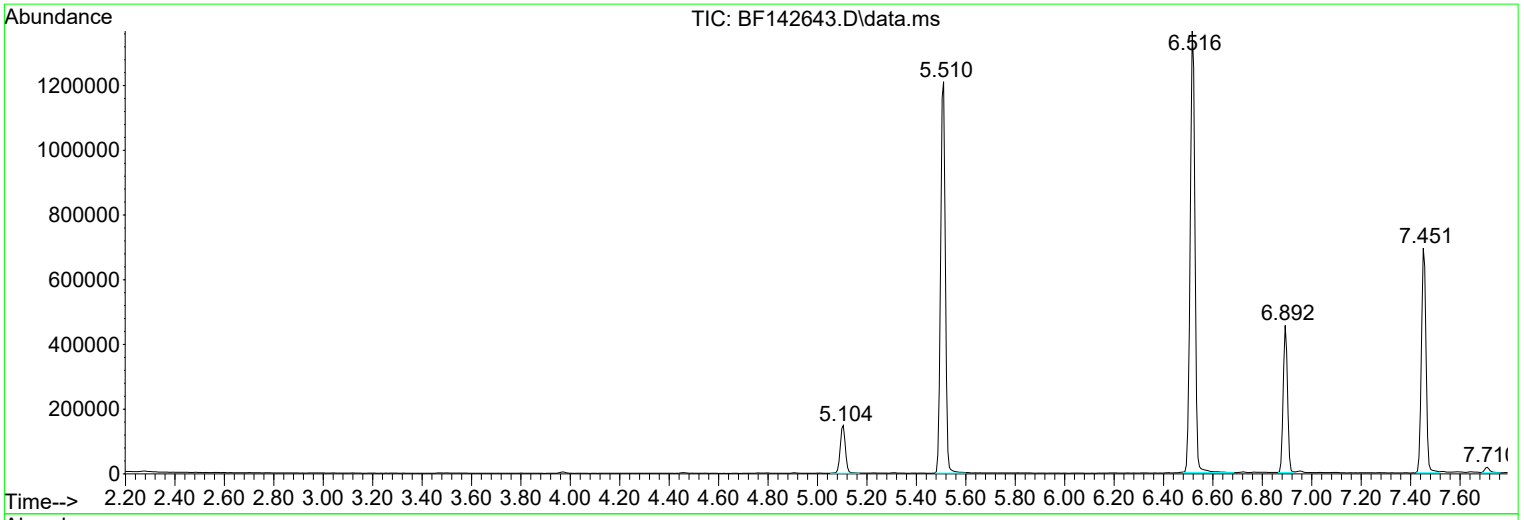
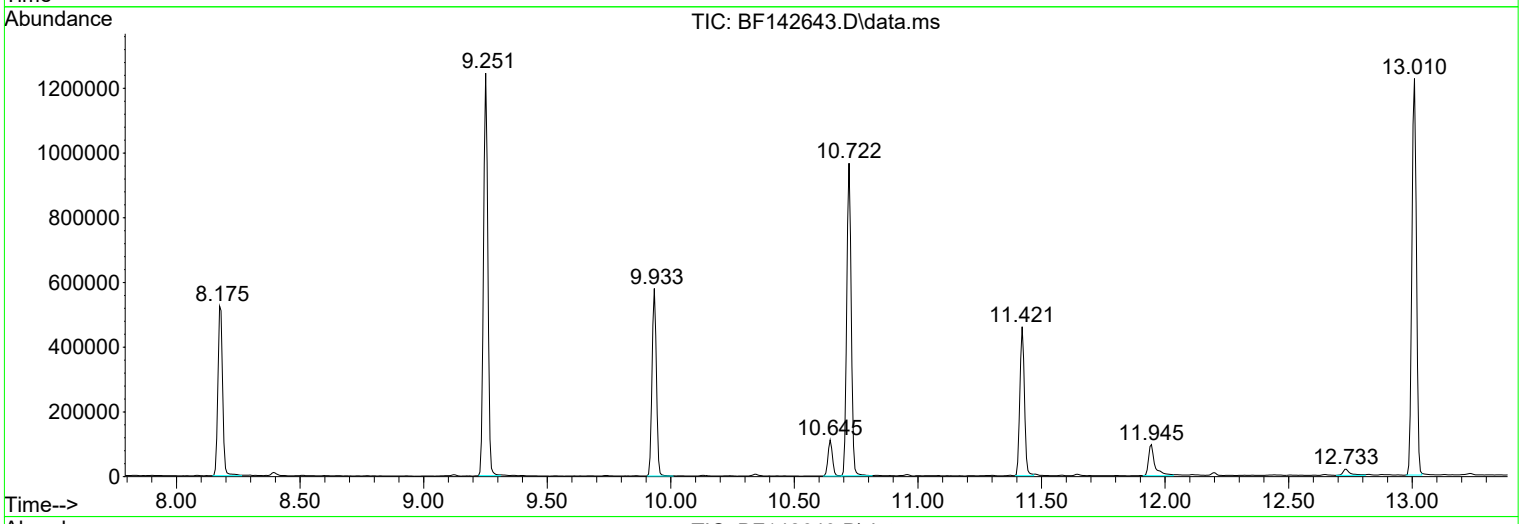
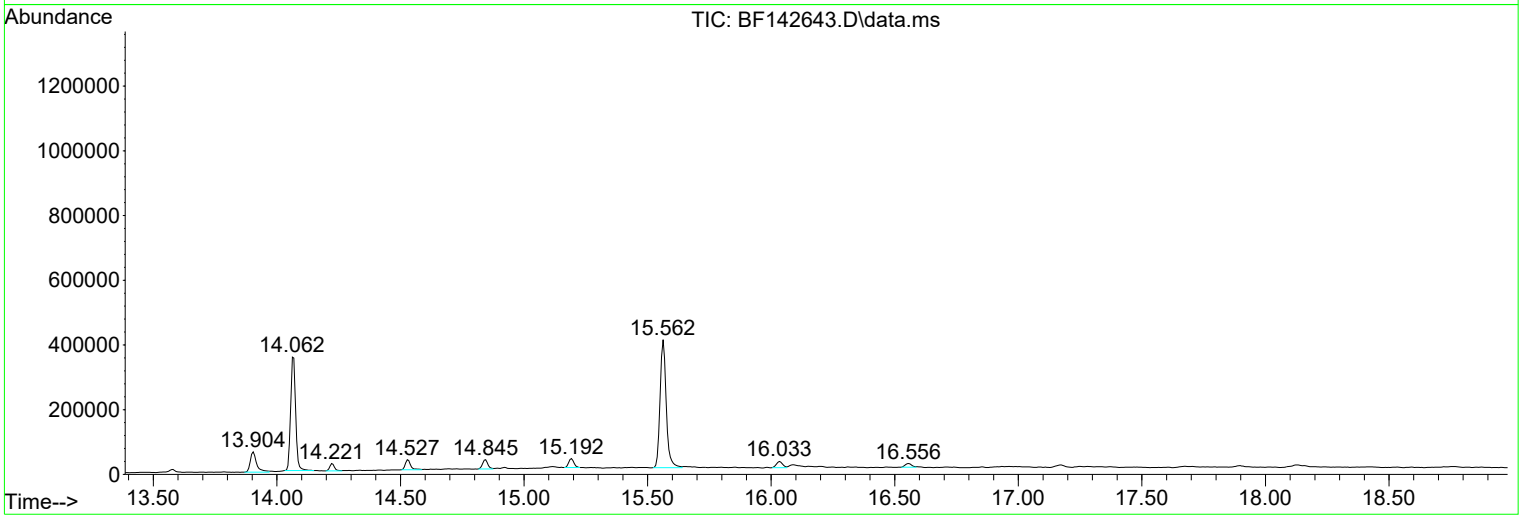
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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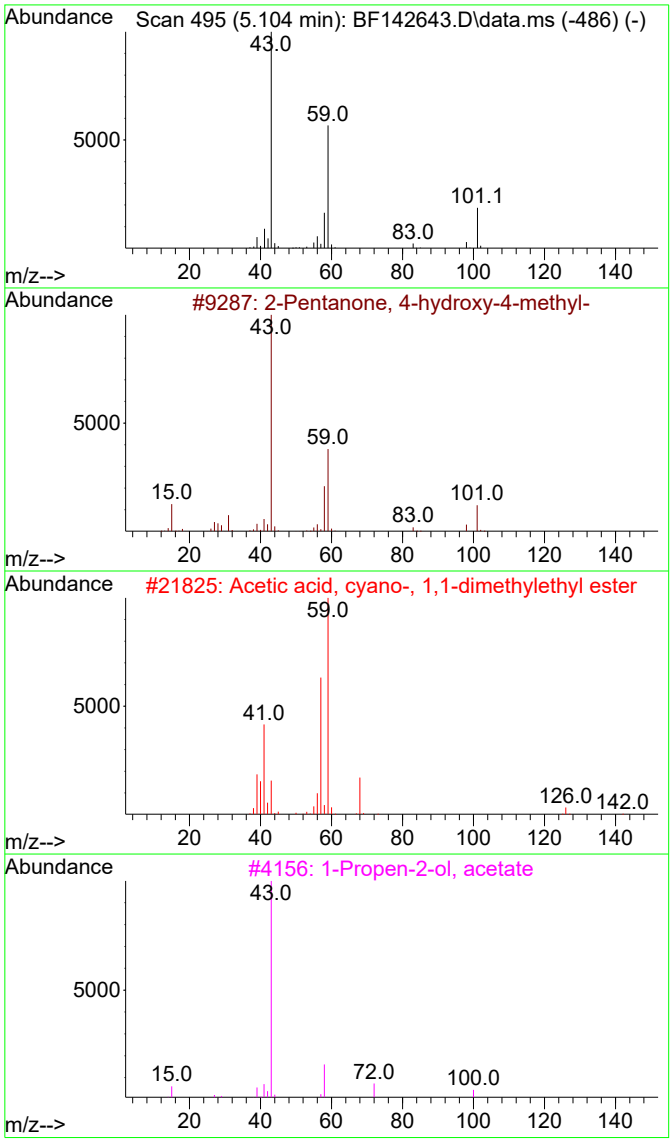
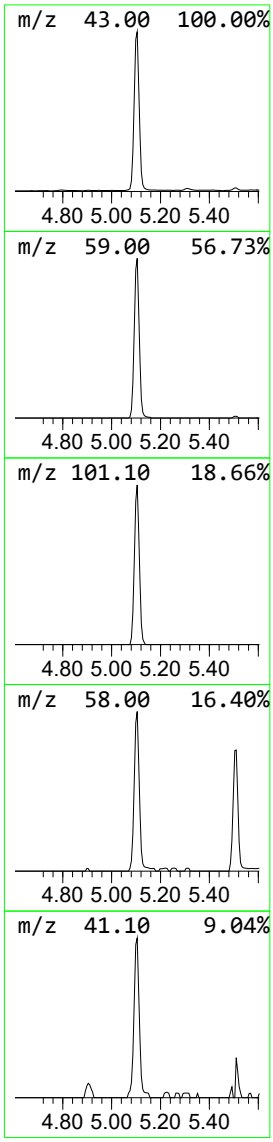
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	7.75 ng	214183	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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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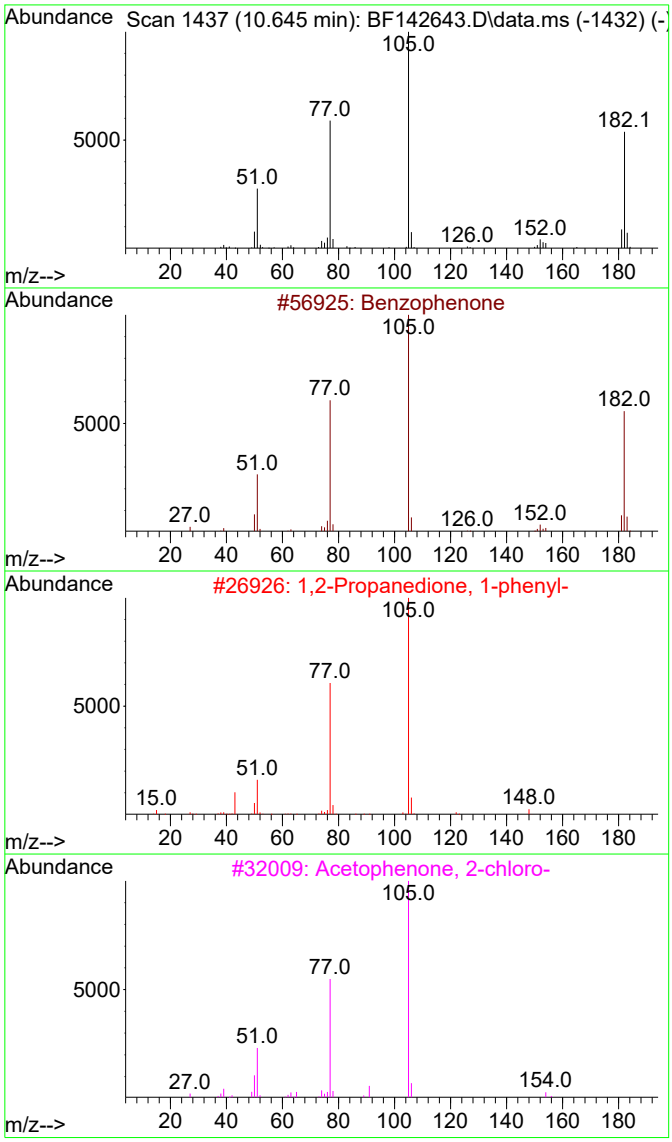
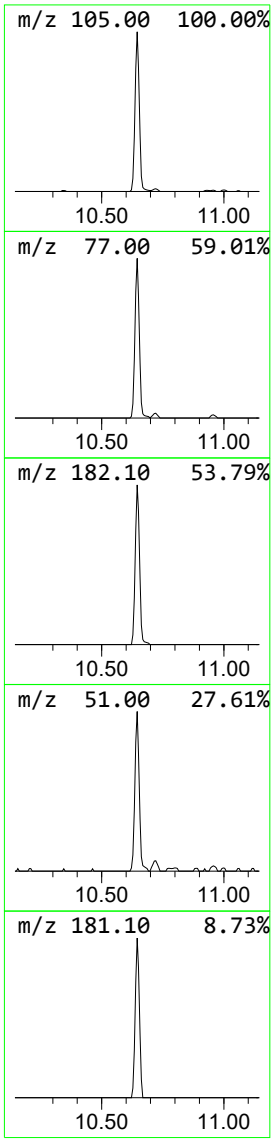
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.86 ng	137866	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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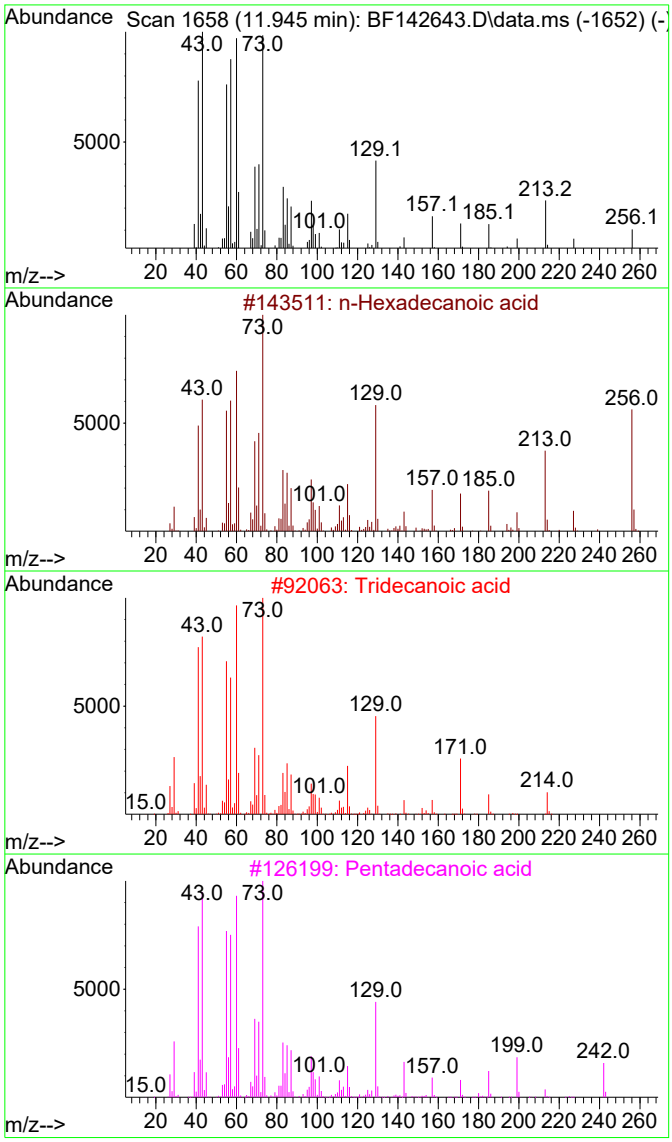
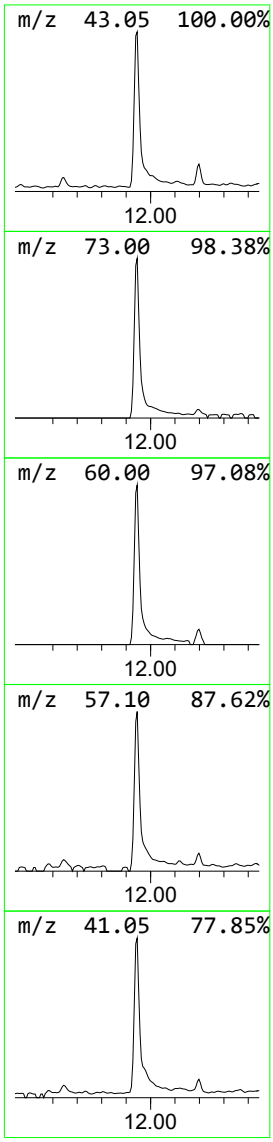
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.82 ng	171252	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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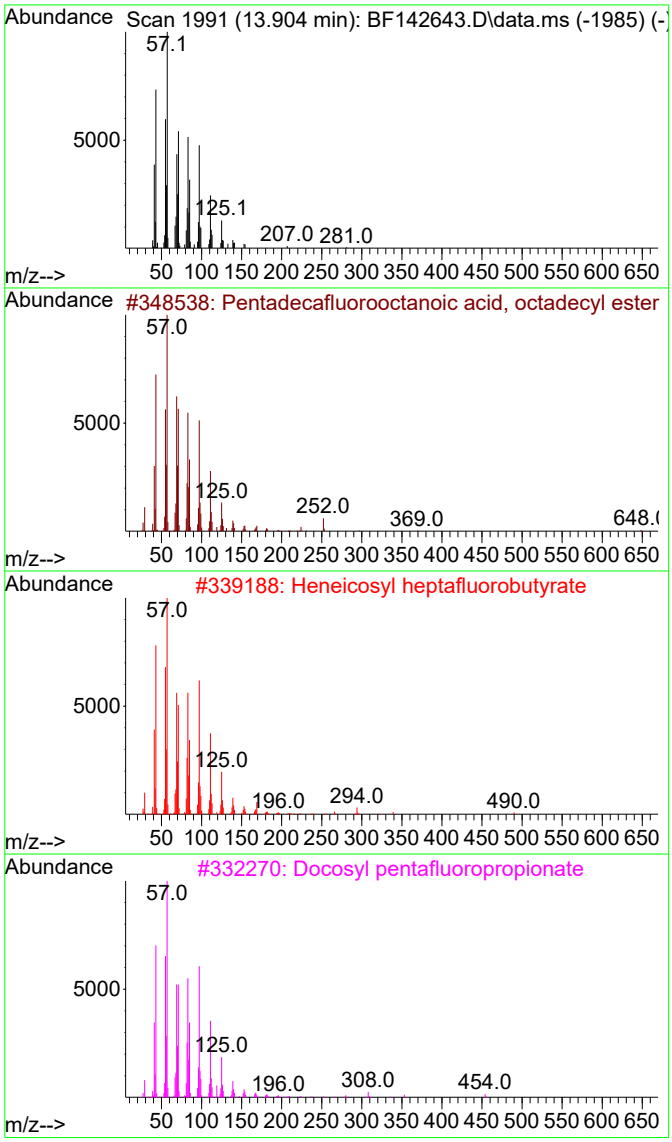
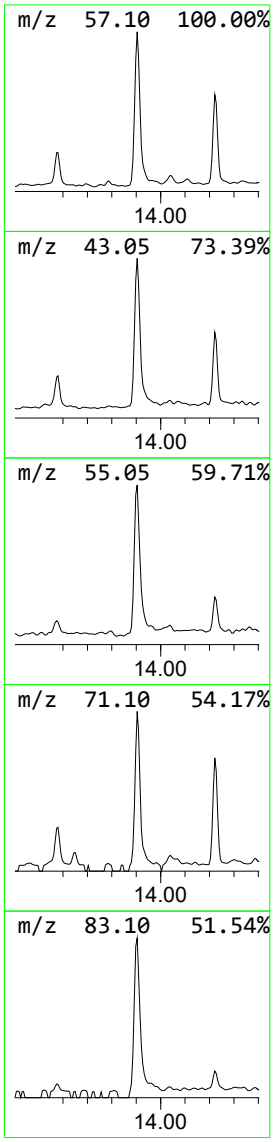
****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.47 ng	110666	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





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-...	5.104	7.8	ng	214183	1	6.892	552536	20.0
Benzophenone	10.645	3.9	ng	137866	3	9.933	714643	20.0
n-Hexadecanoic ...	11.945	5.8	ng	171252	4	11.422	588467	20.0
Pentadecafluoro...	13.904	4.5	ng	110666	5	14.068	494670	20.0