LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142398.D
Acq On : 15 May 2025 18:11
Operator : RC/JU
Sample : Q2010-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

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: BF142398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	11	17	30	rVB2	22717	39588	1.47%	0.193%
2	5.110	486	496	503	rBV	236157	340931	12.67%	1.660%
3	5.510	558	564	569	rBV	1688268	2184857	81.17%	10.636%
4	6.516	729	735	756	rVB	1711325	2297968	85.37%	11.186%
5	6.898	795	800	805	rBV	733969	896482	33.30%	4.364%
6	7.457	889	895	900	rBV	1009168	1262654	46.91%	6.146%
7	7.710	934	938	943	rBV	35495	45263	1.68%	0.220%
8	8.181	1013	1018	1036	rVB	929857	1174308	43.62%	5.716%
9	9.257	1195	1201	1206	rBV	1910419	2411316	89.58%	11.738%
10	9.934	1311	1316	1330	rBV	1025967	1319565	49.02%	6.424%
11	10.239	1361	1368	1382	rBV2	30328	97188	3.61%	0.473%
12	10.645	1432	1437	1445	rBV	232620	294980	10.96%	1.436%
13	10.722	1445	1450	1462	rBV	1302333	1643651	61.06%	8.001%
14	11.422	1564	1569	1576	rBV	1088223	1353819	50.29%	6.590%
15	11.945	1653	1658	1671	rBV2	146553	242534	9.01%	1.181%
16	12.733	1787	1792	1800	rBV4	15803	31586	1.17%	0.154%
17	13.010	1833	1839	1844	rBV	2068502	2691859	100.00%	13.104%
18	13.904	1986	1991	2000	rBV	93935	169525	6.30%	0.825%
19	14.063	2012	2018	2028	rVB	729512	957925	35.59%	4.663%
20	14.539	2094	2099	2105	rBV4	16312	34441	1.28%	0.168%
21	15.551	2265	2271	2287	rBV	584101	938660	34.87%	4.569%
22	17.757	2640	2646	2655	rVB4	47837	113653	4.22%	0.553%

Sum of corrected areas: 20542753

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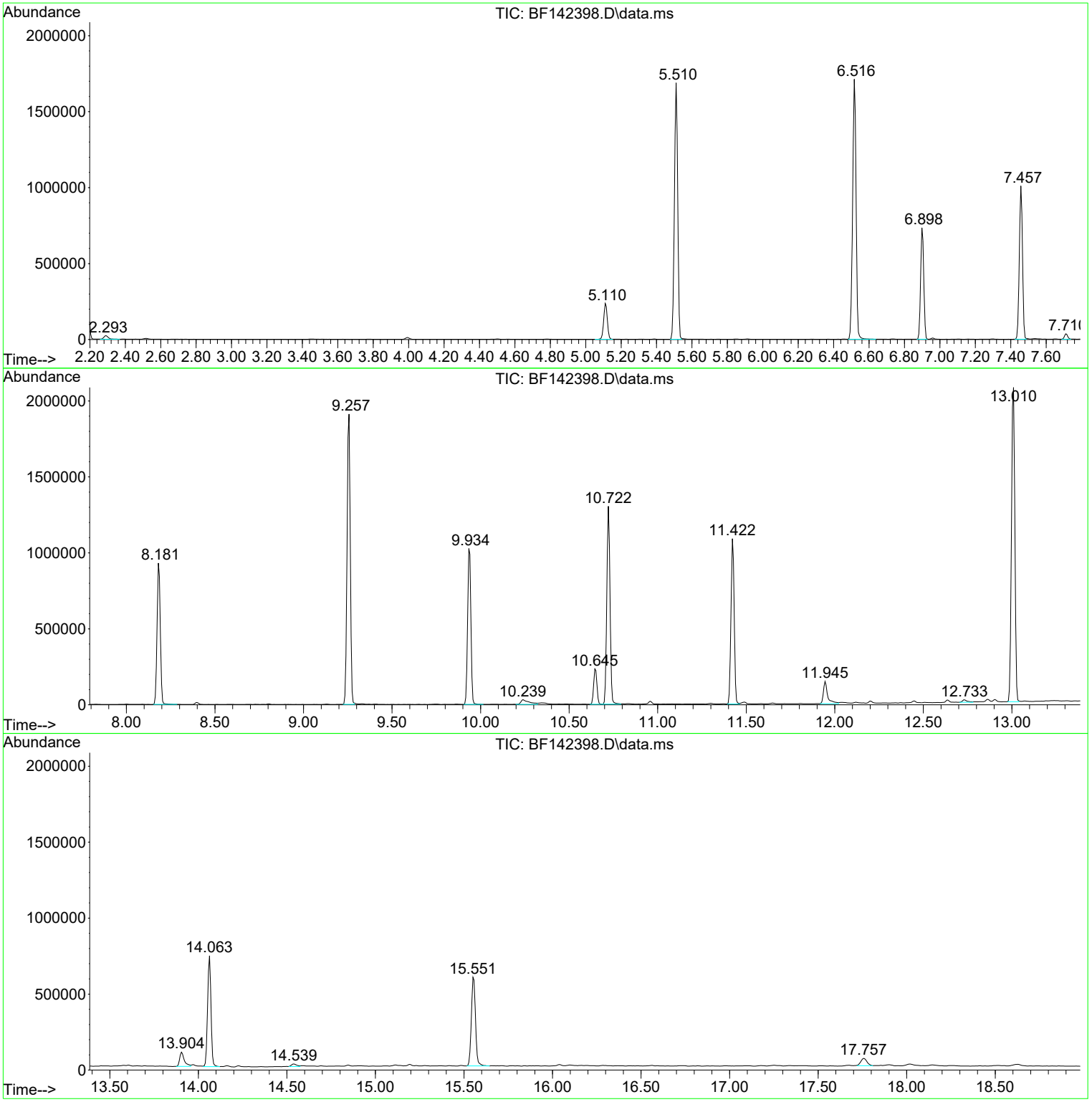
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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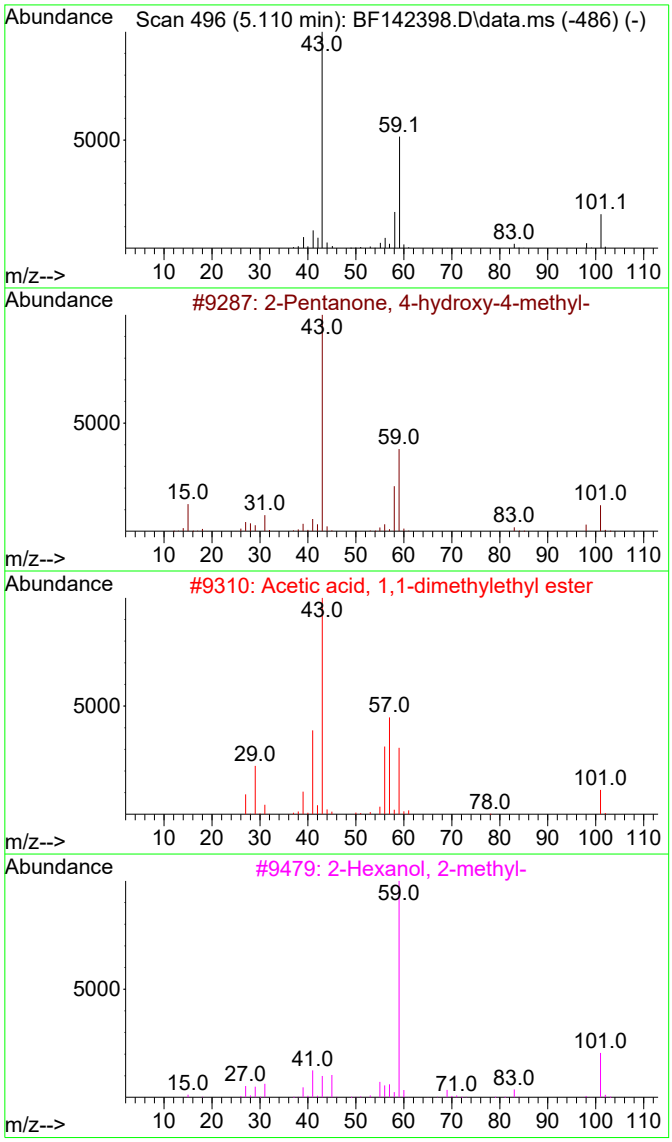
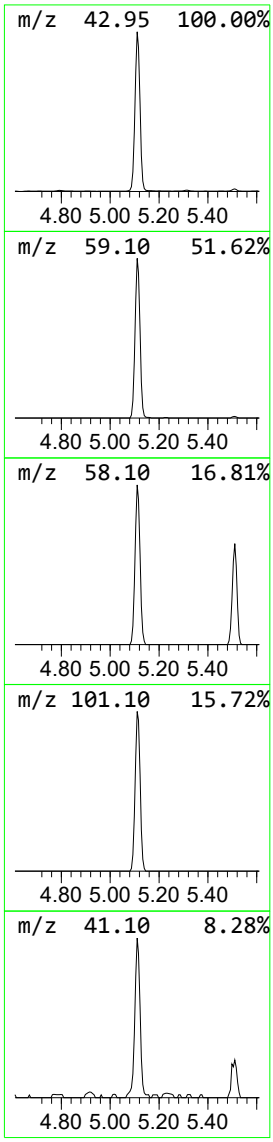
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.61 ng	340931	1,4-Dichlorobenzene-d4	6.898

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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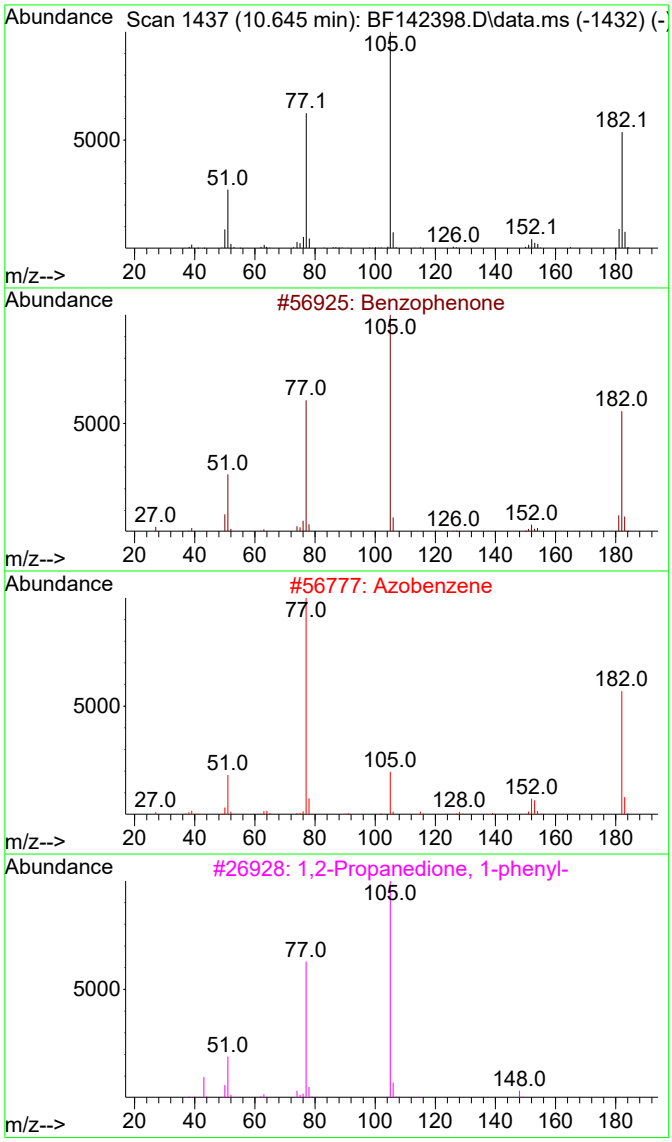
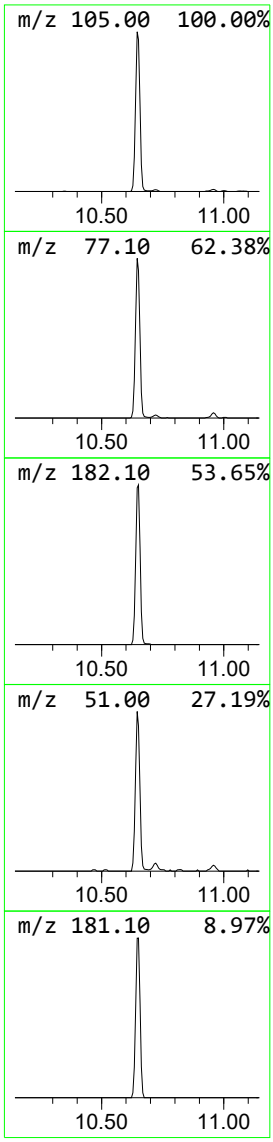
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.47 ng	294980	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47





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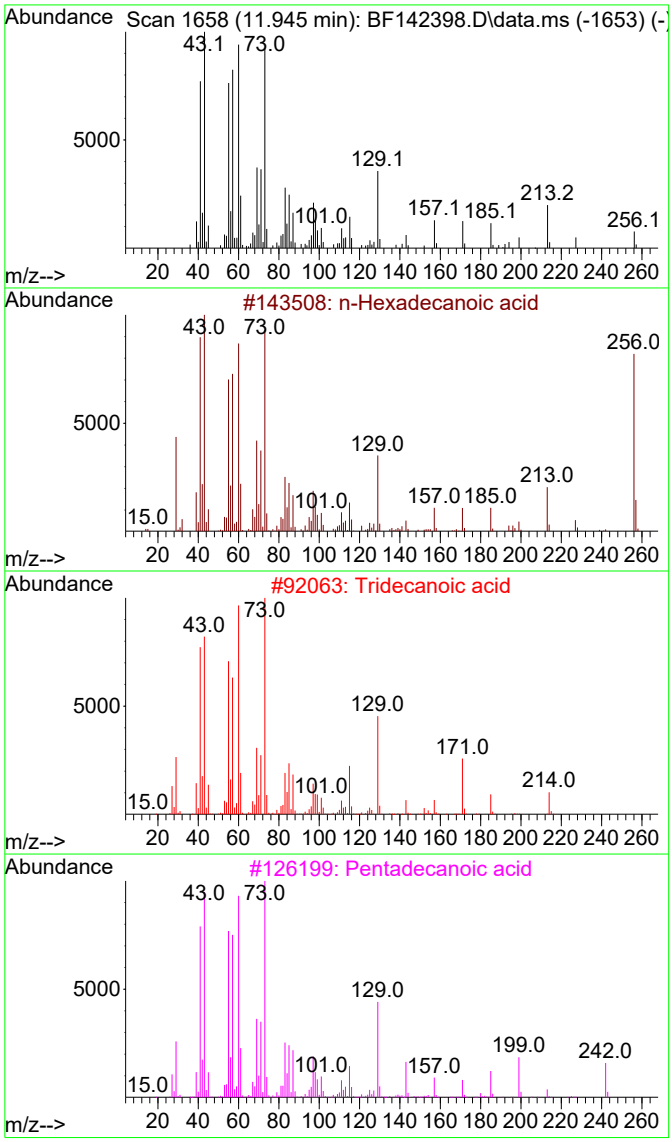
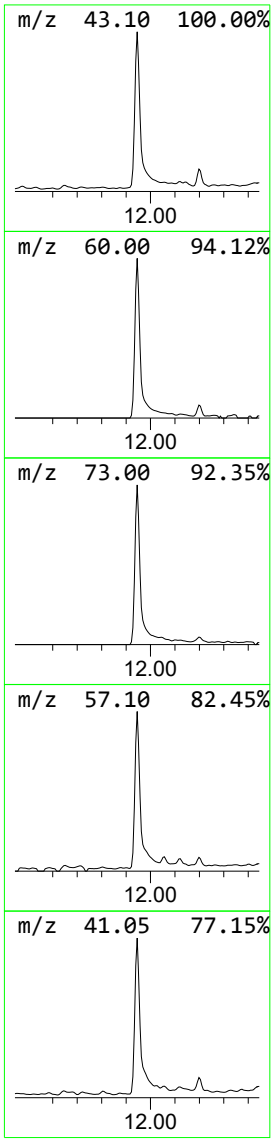
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.58 ng	242534	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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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BNA_F
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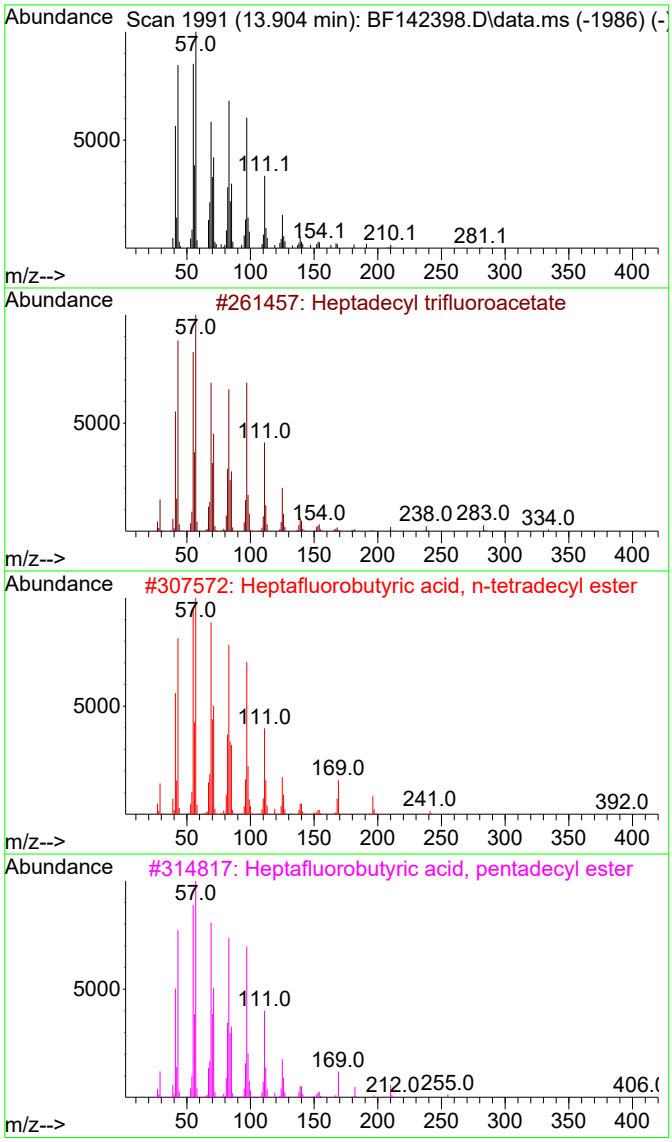
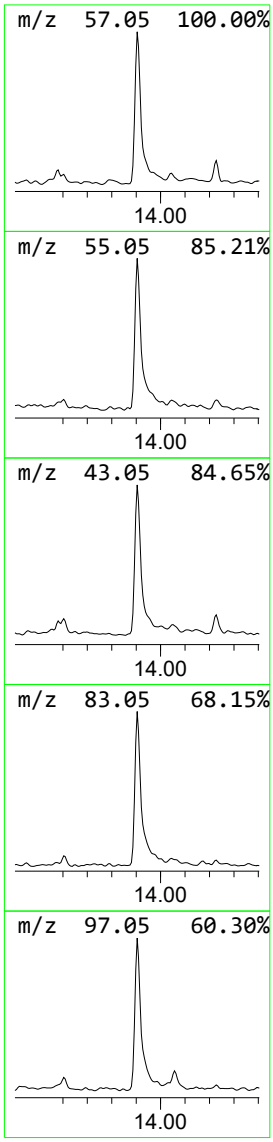
Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.54 ng	169525	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Docosene	308	C22H44	001599-67-3	91





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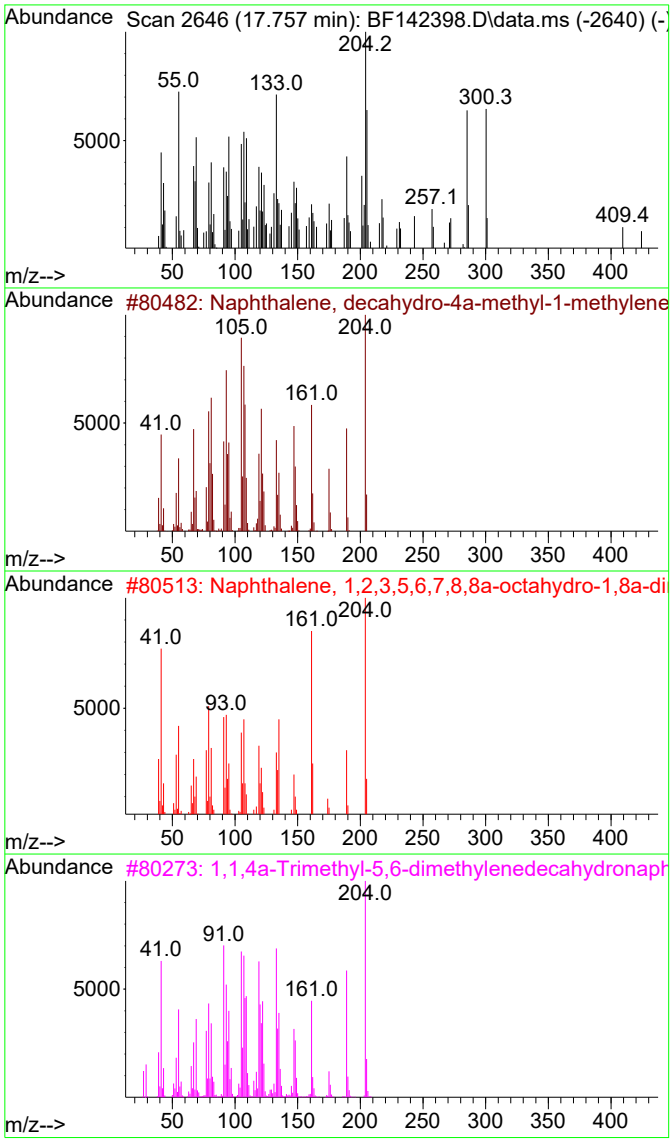
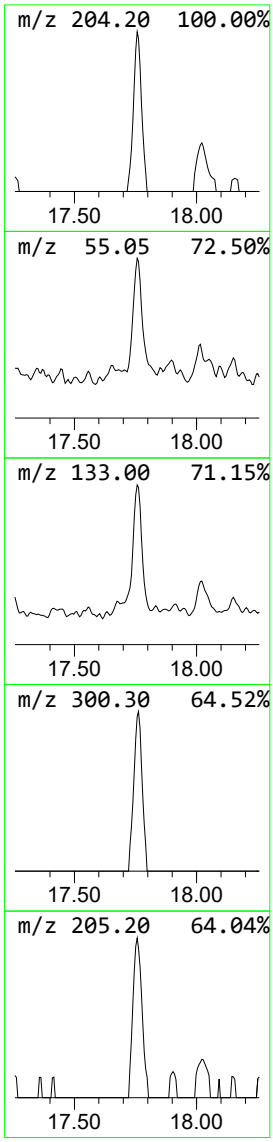
Peak Number 5 unknown17.756 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.756	2.42 ng	113653	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	45
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	43
4	Aciphyllene	204	C15H24	087745-31-1	42
5	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	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	7.6	ng	340931	1	6.898	896482	20.0
Benzophenone	10.645	4.5	ng	294980	3	9.934	1319570	20.0
n-Hexadecanoic ...	11.945	3.6	ng	242534	4	11.422	1353820	20.0
Heptadecyl trif...	13.904	3.5	ng	169525	5	14.063	957925	20.0
unknown17.756	17.756	2.4	ng	113653	6	15.551	938660	20.0