LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142498.D
Acq On : 21 May 2025 20:32
Operator : RC/JU
Sample : Q2074-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

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: BF142498.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	506	rBV	105305	155123	11.80%	1.478%
2	5.510	558	564	569	rBV	1022252	1314523	100.00%	12.523%
3	6.516	729	735	747	rVB	992223	1295749	98.57%	12.344%
4	6.898	795	800	805	rBV	438564	523002	39.79%	4.983%
5	7.457	889	895	900	rBV	613768	760244	57.83%	7.243%
6	7.710	934	938	944	rBV	14019	18044	1.37%	0.172%
7	8.181	1013	1018	1023	rBV	487109	593508	45.15%	5.654%
8	9.257	1195	1201	1206	rBV	950519	1190521	90.57%	11.342%
9	9.939	1311	1317	1326	rBV	394749	507006	38.57%	4.830%
10	10.651	1432	1438	1445	rBV	203993	260174	19.79%	2.479%
11	10.722	1445	1450	1463	rVB	482408	607640	46.23%	5.789%
12	10.957	1486	1490	1495	rVB	36090	45353	3.45%	0.432%
13	11.428	1564	1570	1576	rBV	339062	438972	33.39%	4.182%
14	11.945	1653	1658	1672	rBV2	74499	127470	9.70%	1.214%
15	12.451	1739	1744	1747	rBV	10622	14110	1.07%	0.134%
16	12.733	1788	1792	1804	rBV2	16949	30221	2.30%	0.288%
17	13.010	1834	1839	1844	rBV	994848	1239818	94.32%	11.811%
18	13.316	1888	1891	1896	rVB4	12102	15714	1.20%	0.150%
19	13.910	1987	1992	2005	rBV	48074	97753	7.44%	0.931%
20	14.069	2013	2019	2029	rVB	475570	644475	49.03%	6.140%
21	14.545	2095	2100	2104	rBV5	13450	27632	2.10%	0.263%
22	15.121	2194	2198	2207	rVB2	10261	25382	1.93%	0.242%
23	15.563	2267	2273	2285	rVB	344425	564305	42.93%	5.376%

Sum of corrected areas: 10496739

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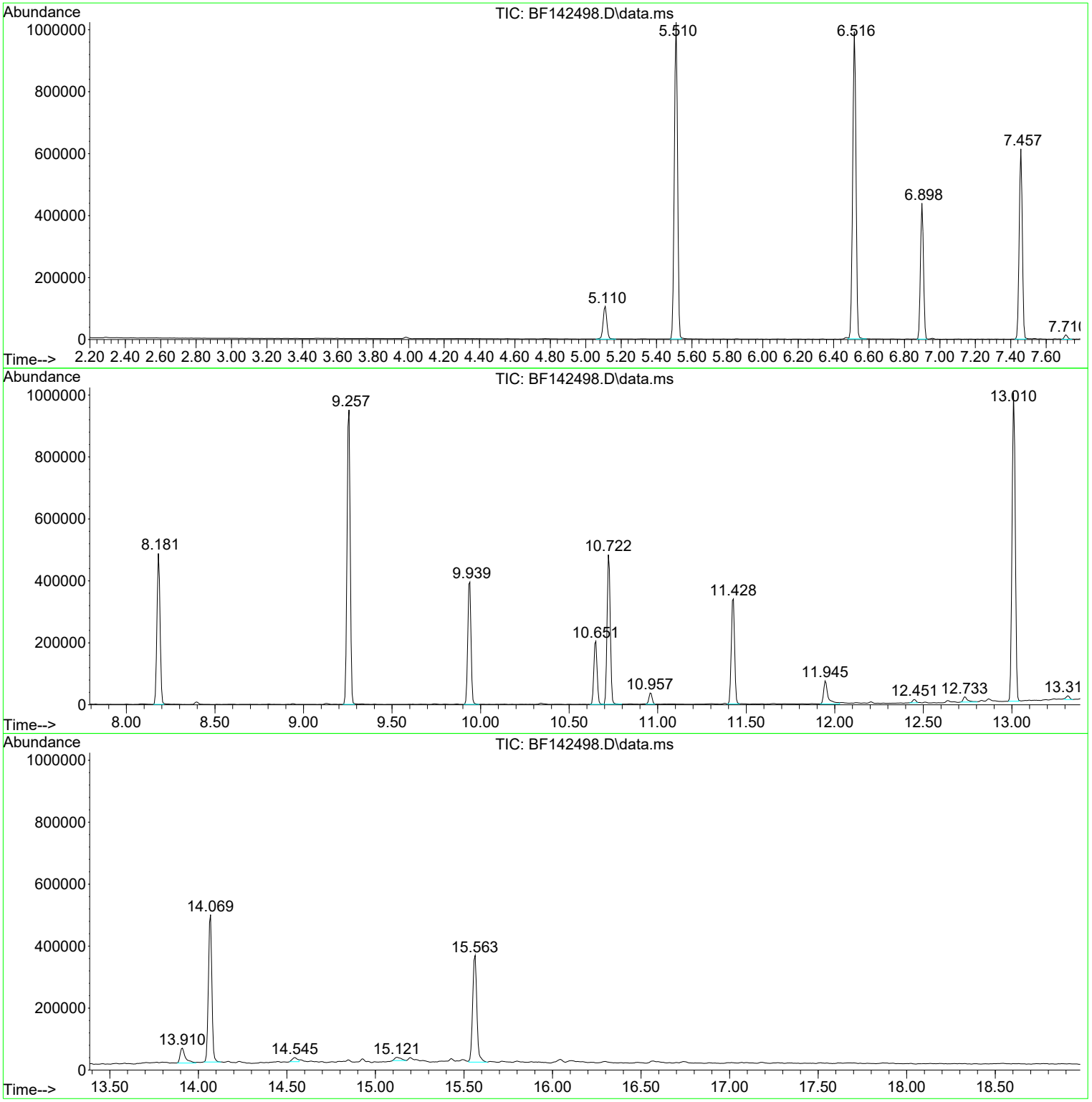
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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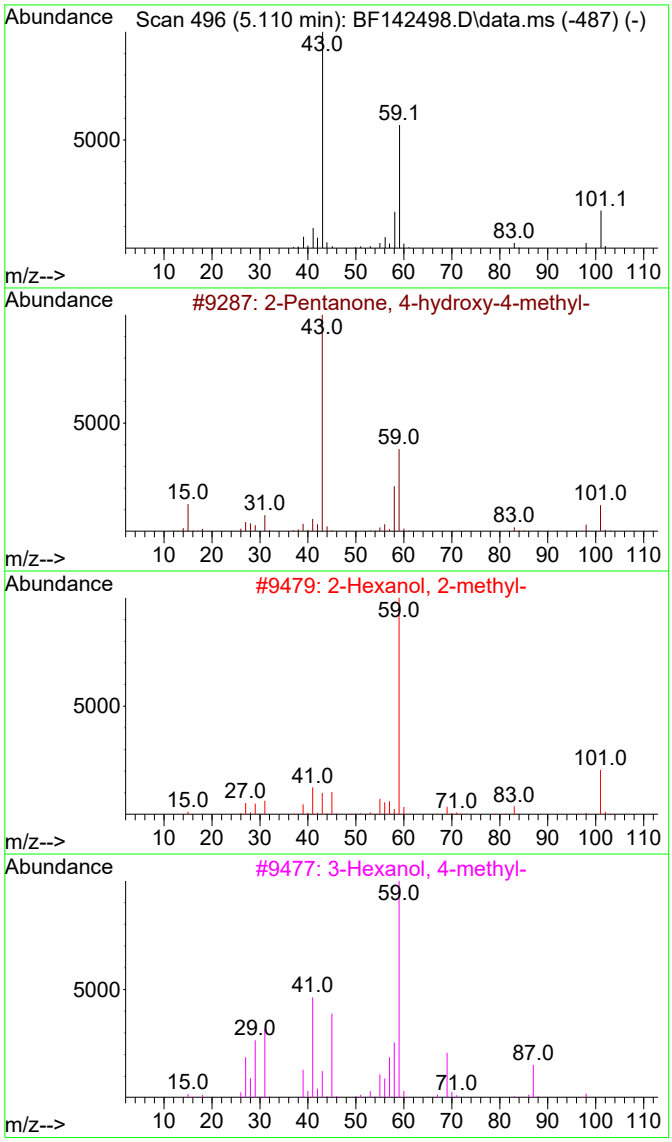
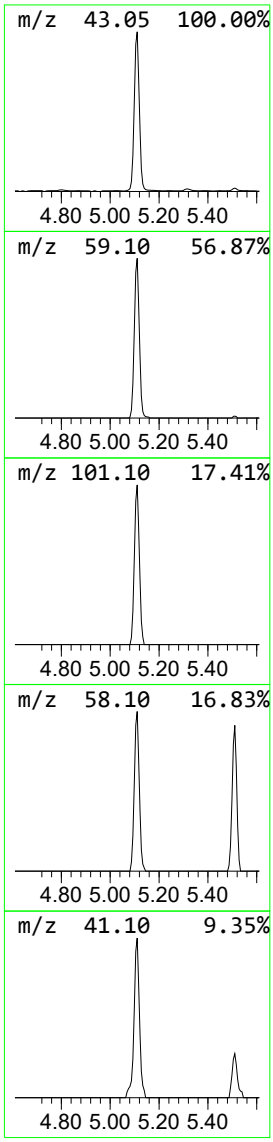
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.93 ng	155123	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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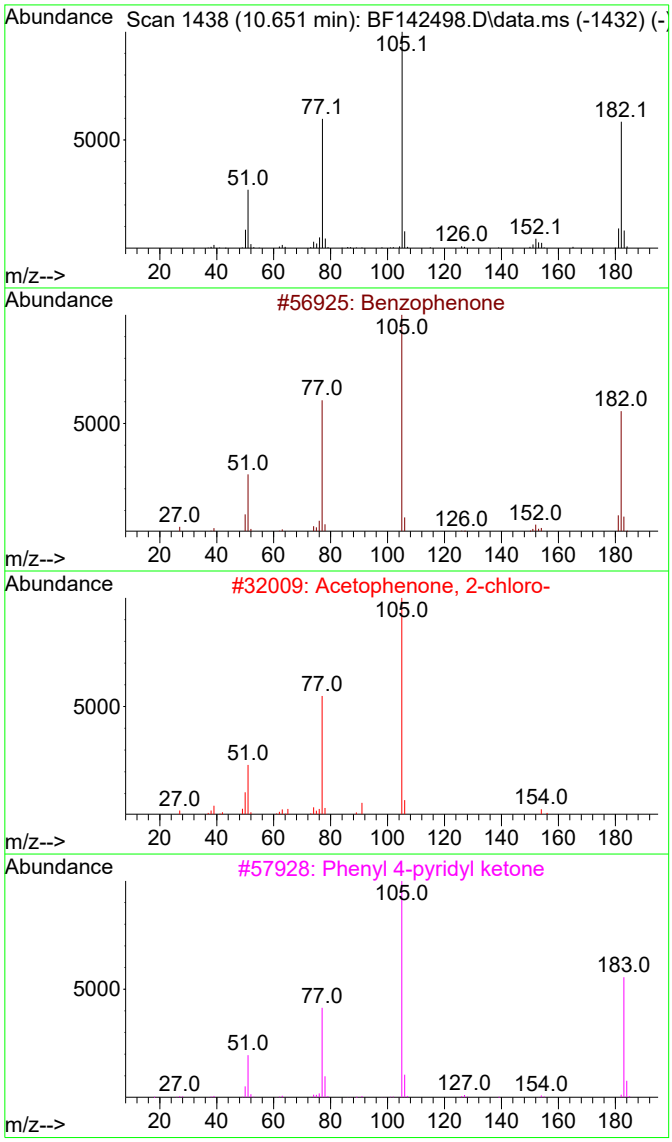
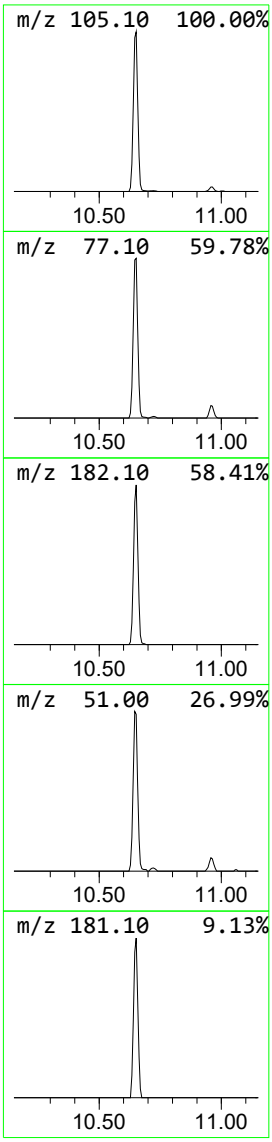
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	10.26 ng	260174	Acenaphthene-d10	9.939

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	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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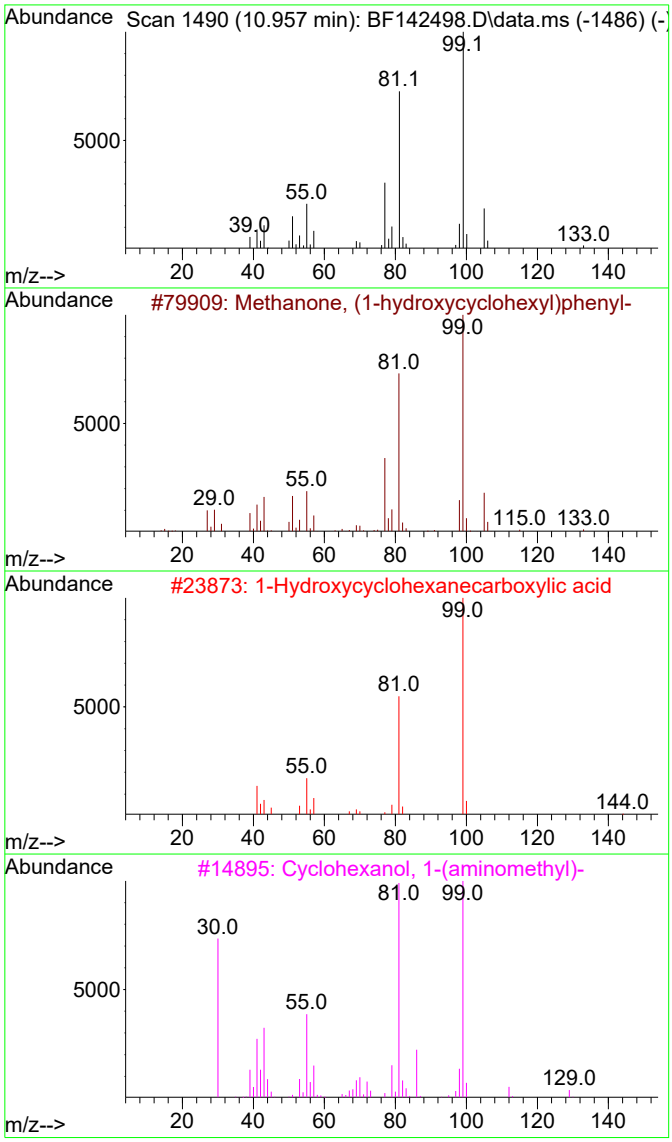
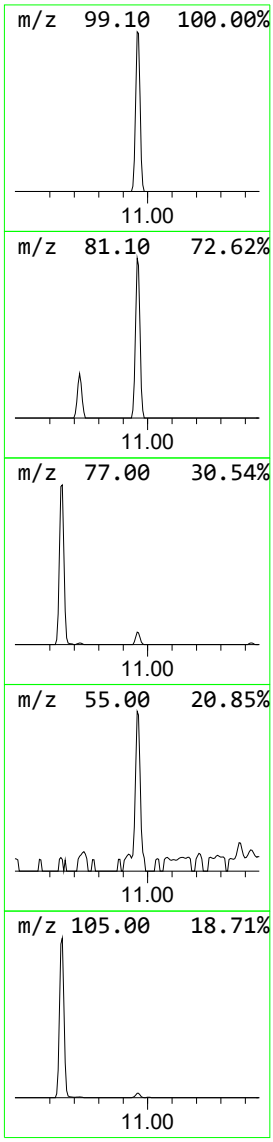
****
Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.957	2.07 ng	45353	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	91
2	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	50
3	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	42
4	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	38
5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	37





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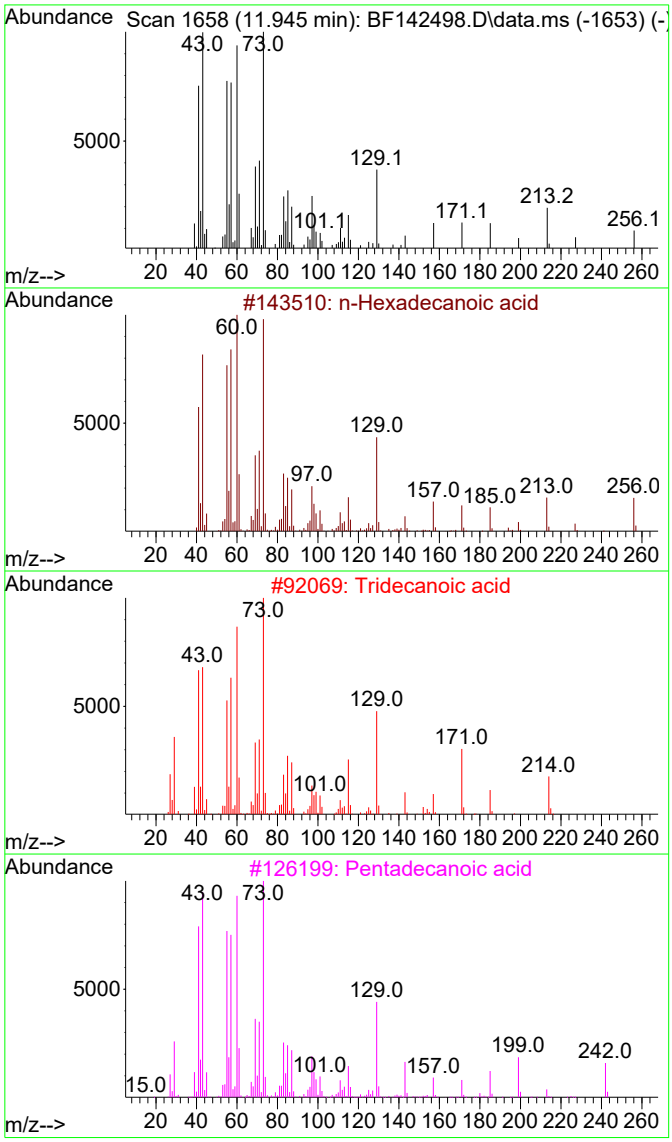
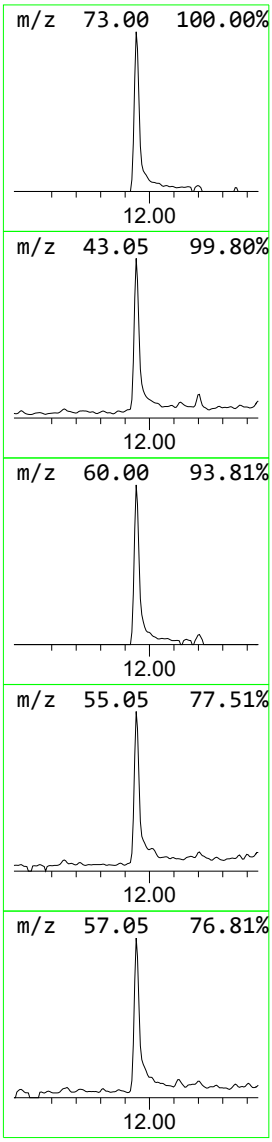
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.81 ng	127470	Phenanthrene-d10	11.428

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	18





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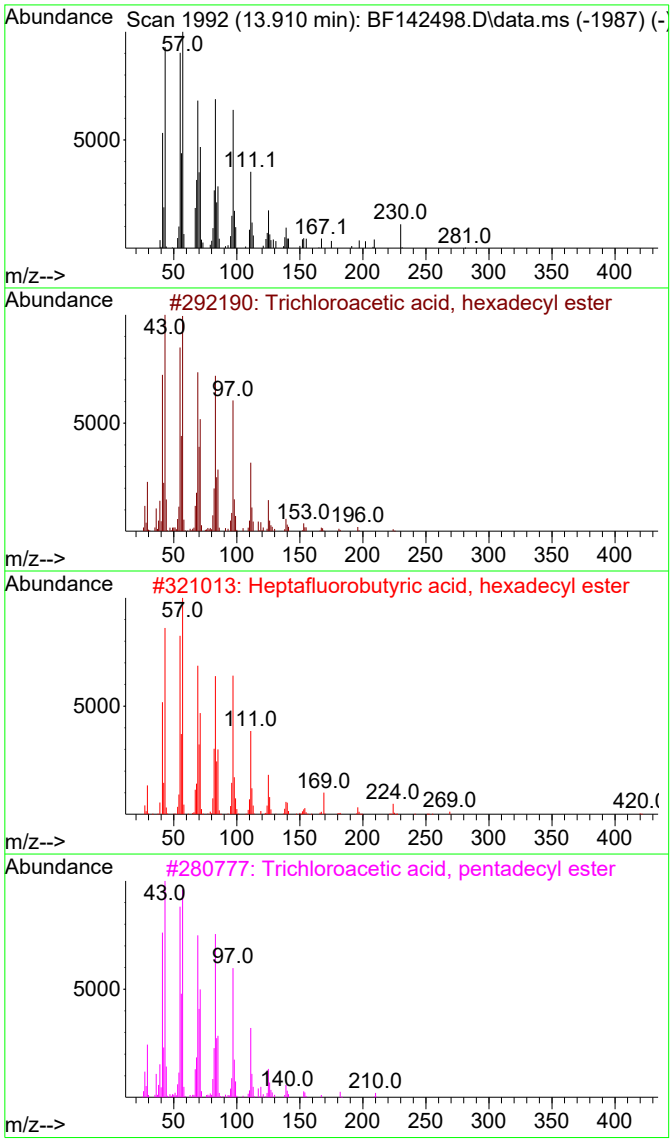
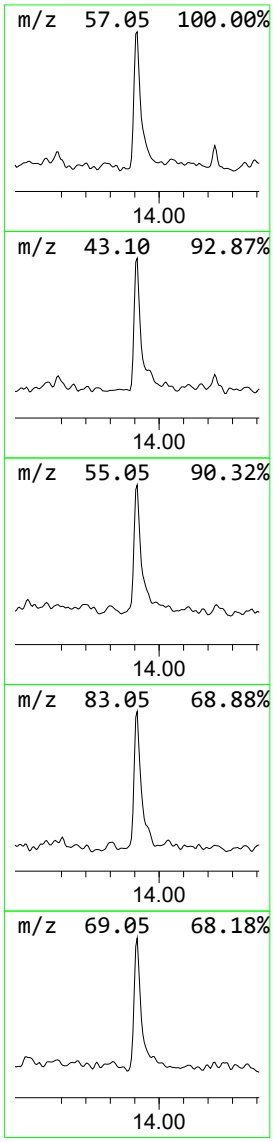
****
Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.03 ng	97753	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	5.9	ng	155123	1	6.898	523002	20.0
Benzophenone	10.651	10.3	ng	260174	3	9.939	507006	20.0
Methanone, (1-h...	10.957	2.1	ng	45353	4	11.428	438972	20.0
n-Hexadecanoic ...	11.945	5.8	ng	127470	4	11.428	438972	20.0
Trichloroacetic...	13.910	3.0	ng	97753	5	14.069	644475	20.0