LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142399.D
Acq On : 15 May 2025 18:40
Operator : RC/JU
Sample : Q1982-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

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: BF142399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	489	498	507	rVB	208656	315972	9.26%	1.286%
2	5.516	558	565	570	rBV	2092791	2790000	81.73%	11.357%
3	6.516	729	735	741	rBV	2025507	2854738	83.63%	11.620%
4	6.898	795	800	805	rBV	765173	940308	27.55%	3.827%
5	7.457	889	895	900	rBV	1401462	1837044	53.82%	7.478%
6	7.710	934	938	950	rVB	31545	41024	1.20%	0.167%
7	8.181	1012	1018	1024	rBV	970038	1226186	35.92%	4.991%
8	9.257	1195	1201	1206	rBV	2686263	3413562	100.00%	13.895%
9	9.934	1311	1316	1326	rBV	1075782	1387881	40.66%	5.649%
10	10.645	1432	1437	1445	rBV	181174	233675	6.85%	0.951%
11	10.722	1445	1450	1461	rBV	1683625	2162380	63.35%	8.802%
12	11.422	1564	1569	1576	rBV	1147505	1436800	42.09%	5.848%
13	11.945	1653	1658	1671	rBV2	284533	430550	12.61%	1.753%
14	12.733	1787	1792	1799	rBV2	19910	34374	1.01%	0.140%
15	13.010	1833	1839	1844	rBV	2461012	3146367	92.17%	12.807%
16	13.769	1953	1968	1986	rBV9	47471	225222	6.60%	0.917%
17	13.904	1986	1991	2003	rBV	81437	153292	4.49%	0.624%
18	14.063	2012	2018	2031	rVB	741424	979849	28.70%	3.988%
19	15.551	2265	2271	2284	rVB	622422	957969	28.06%	3.899%

Sum of corrected areas: 24567193

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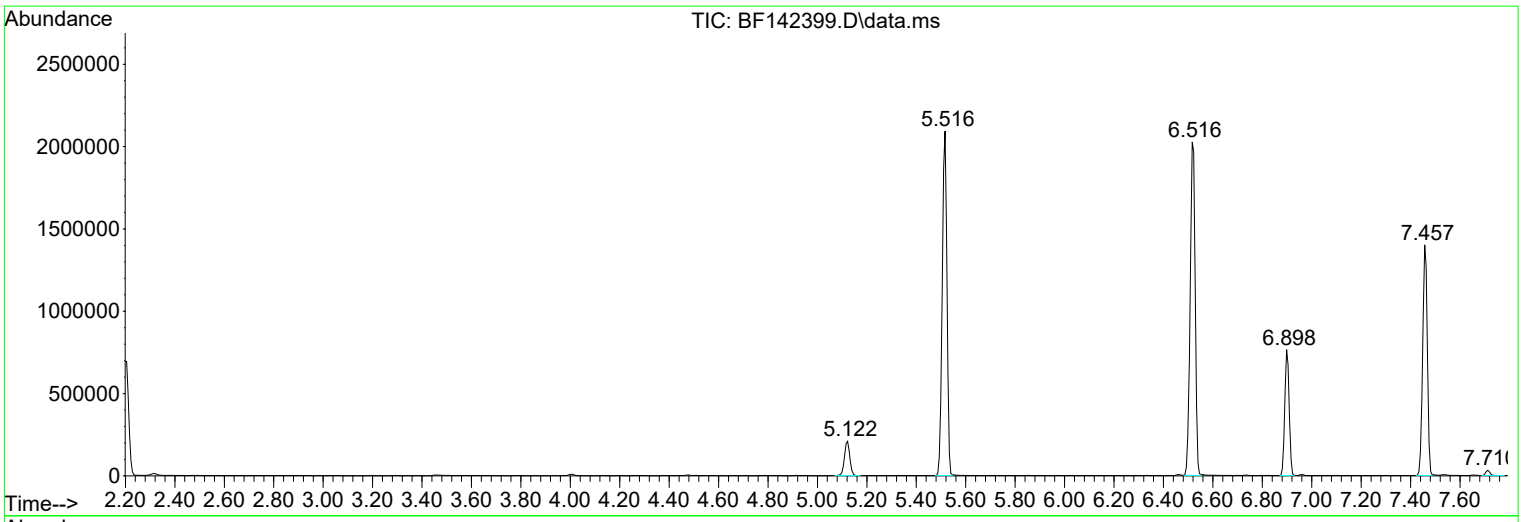
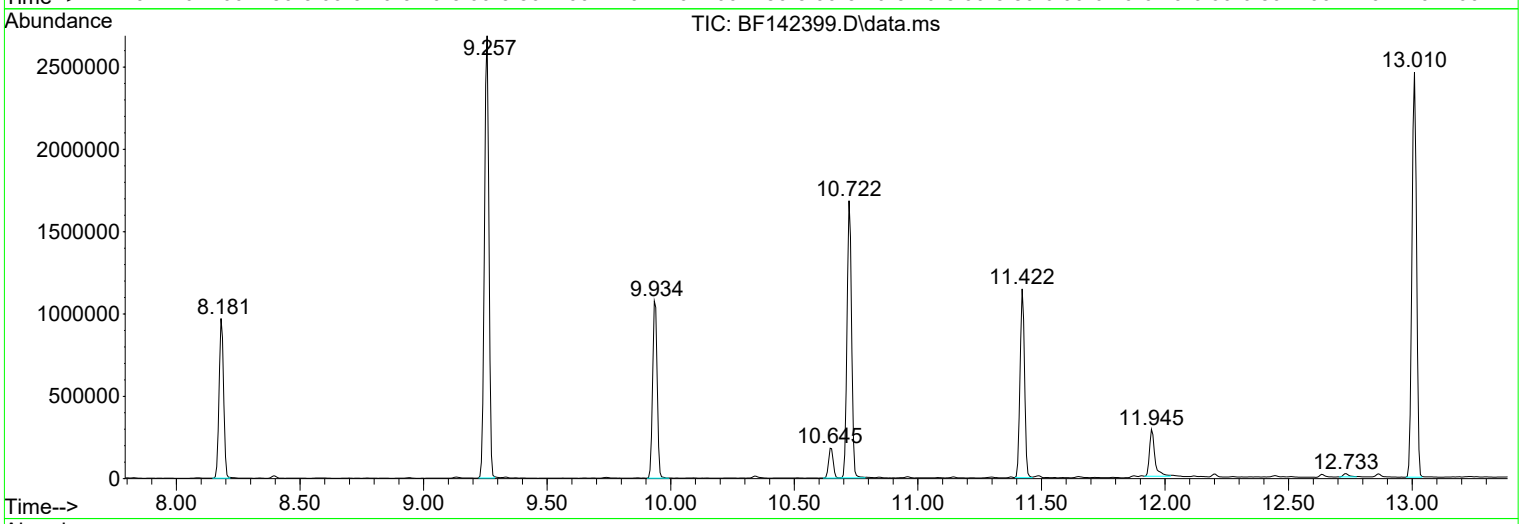
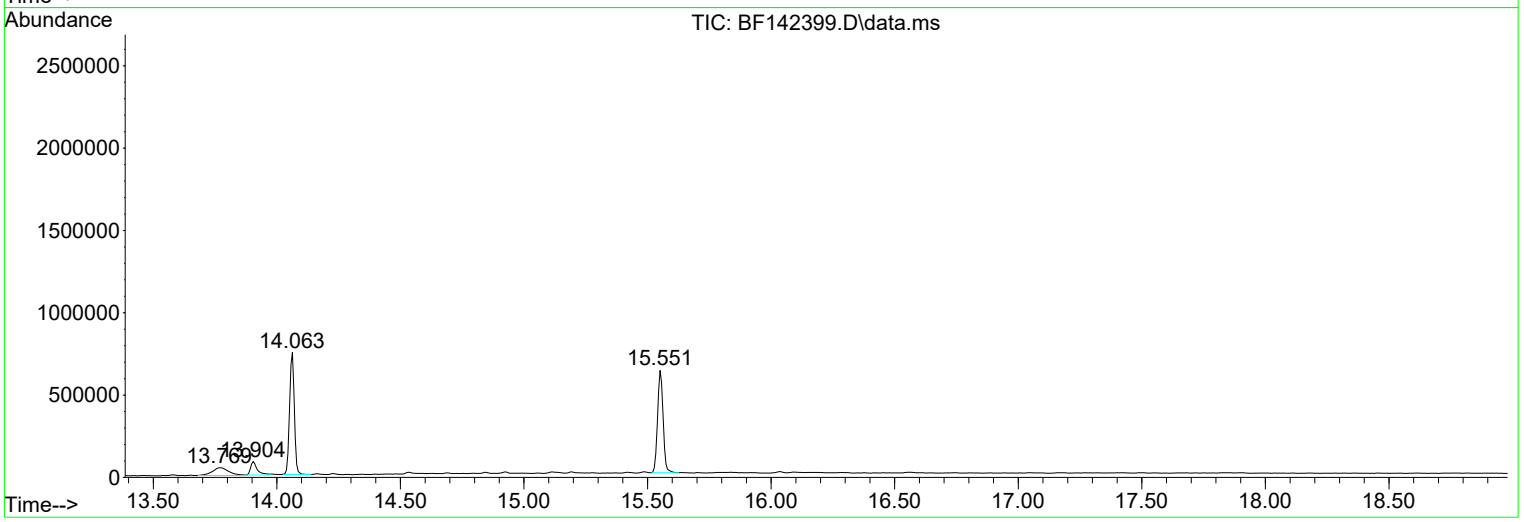
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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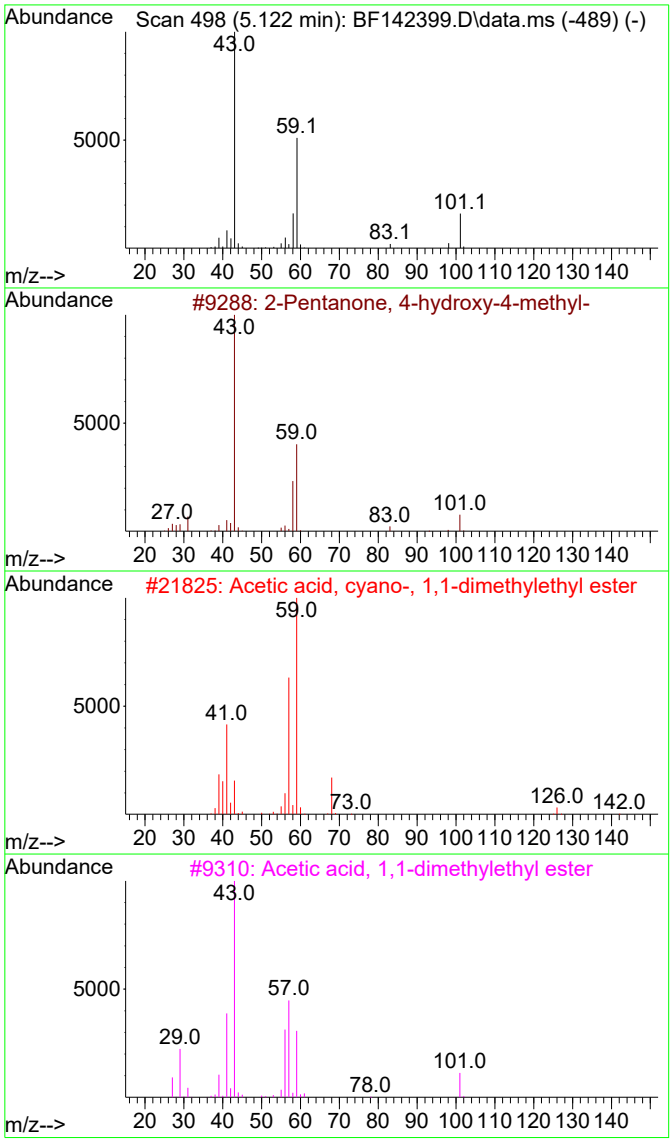
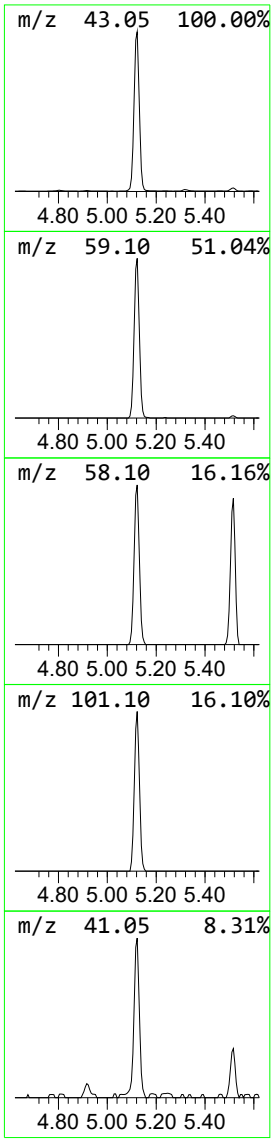
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	6.72 ng	315972	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	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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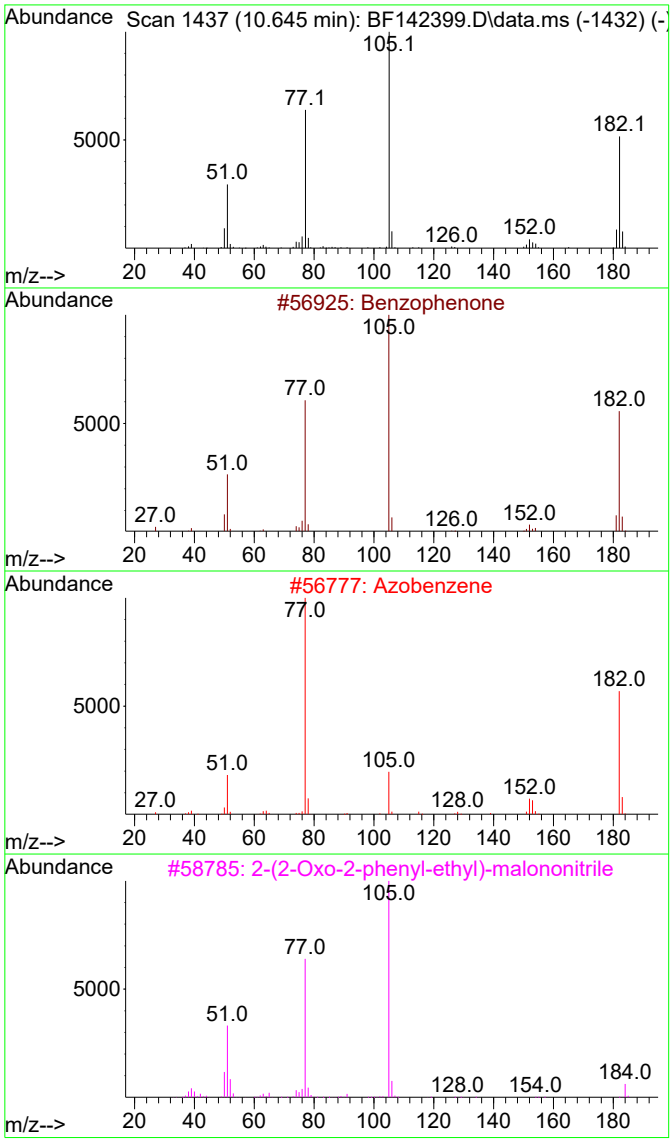
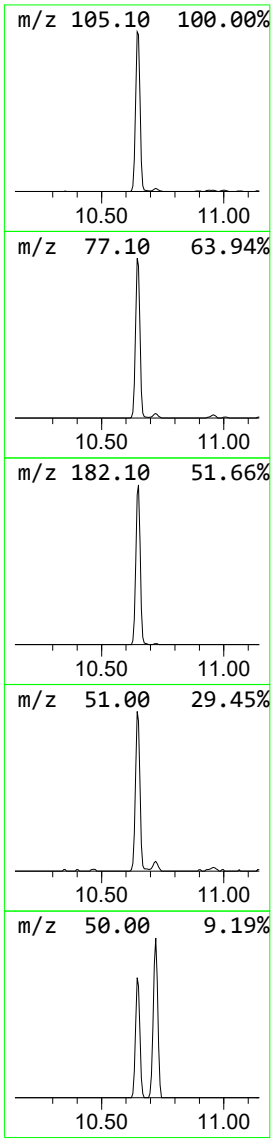
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.37 ng	233675	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	58
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	50
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50





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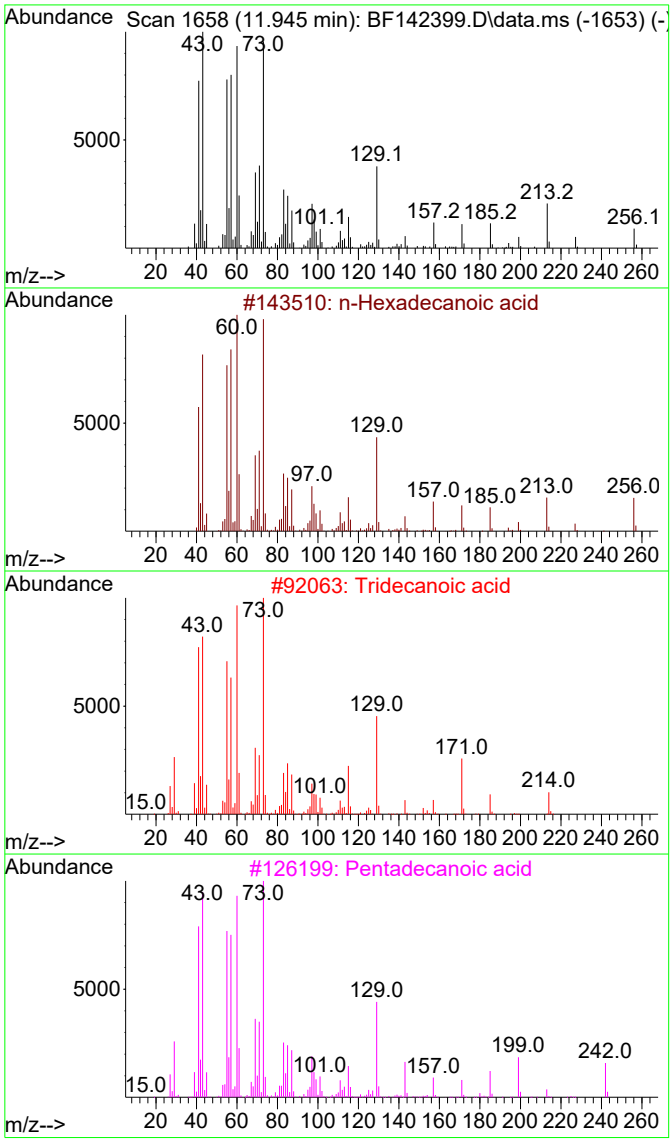
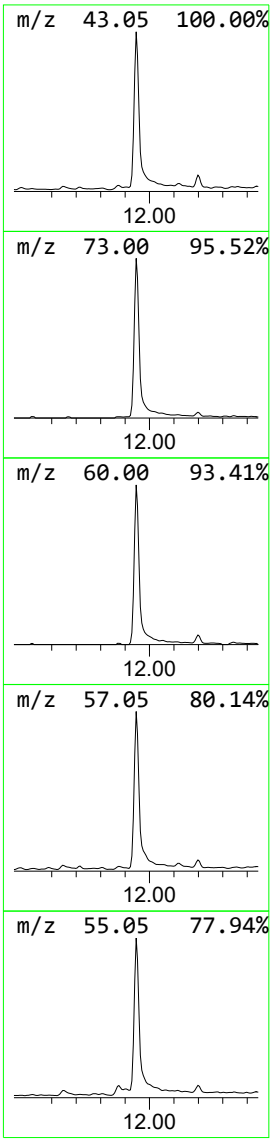
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.99 ng	430550	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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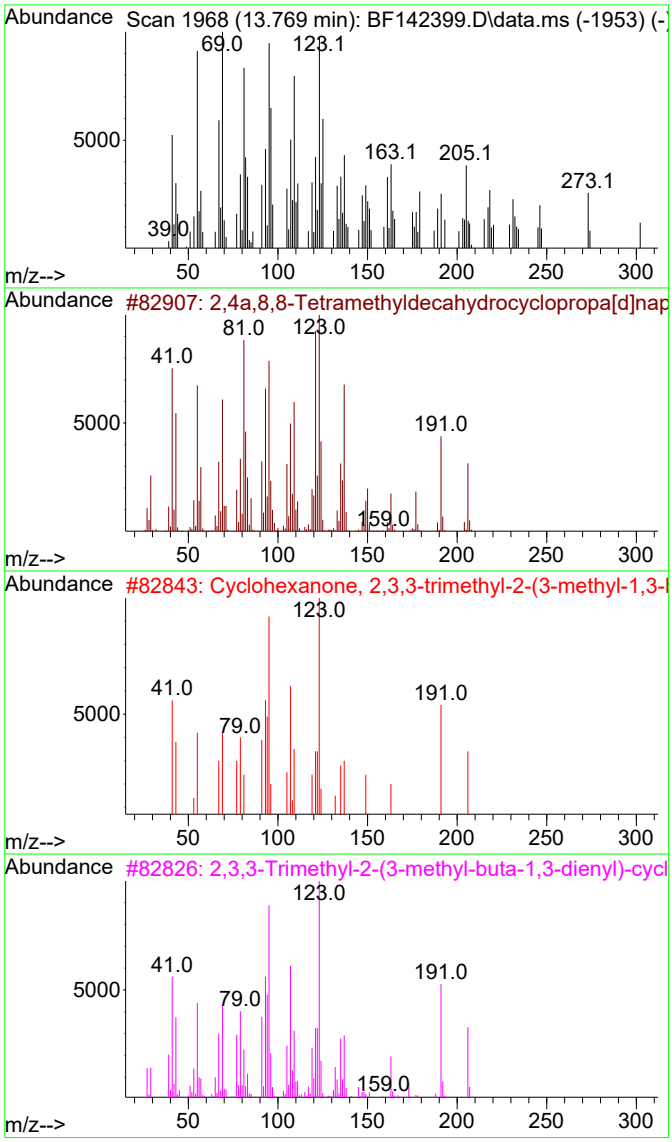
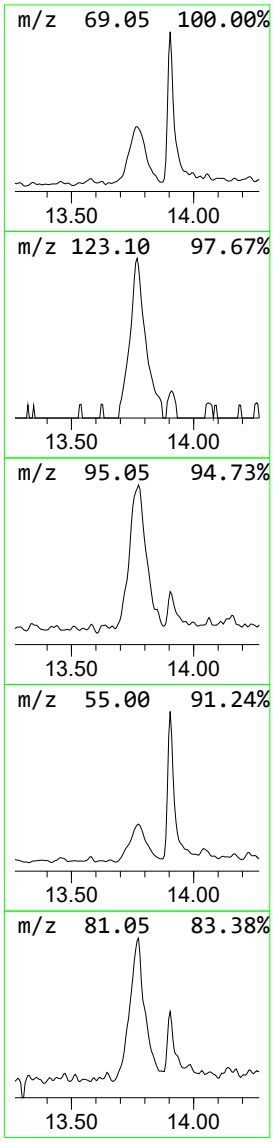
****
Peak Number 4 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	4.60 ng	225222	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	70
2	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	64
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	50
4	Silane, monochloride, methylviny...	218	C10H19ClOSi	1000421-06-3	50
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	49





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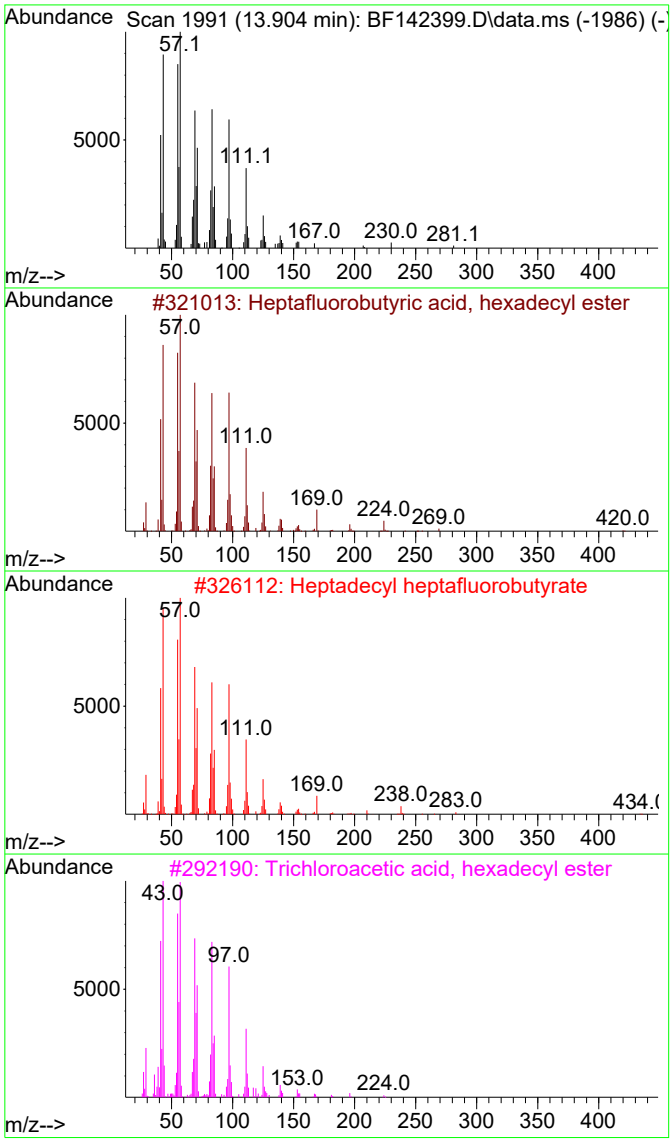
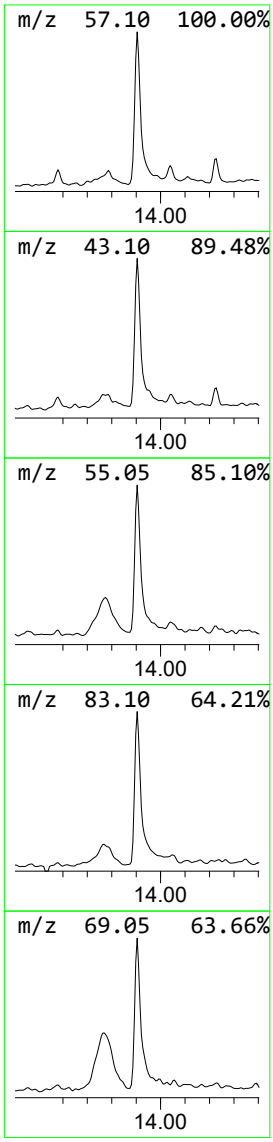
****
Peak Number 5 Heptafluorobutyric acid, he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.13 ng	153292	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95





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-...	5.122	6.7	ng	315972	1	6.898	940308	20.0
Benzophenone	10.645	3.4	ng	233675	3	9.934	1387880	20.0
n-Hexadecanoic ...	11.945	6.0	ng	430550	4	11.422	1436800	20.0
2,4a,8,8-Tetram...	13.769	4.6	ng	225222	5	14.063	979849	20.0
Heptafluorobuty...	13.904	3.1	ng	153292	5	14.063	979849	20.0