LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098022.D
Acq On : 25 Aug 2017 00:43
Operator : SJ/JU
Sample : I4935-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-014

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.945	482	486	499	rVB	281977	436777	10.81%	1.395%
2	5.351	549	555	558	rBV	3236698	3799523	94.08%	12.132%
3	6.381	719	730	733	rBV	3333689	4038646	100.00%	12.895%
4	6.510	747	752	755	rBV	3413923	3678151	91.07%	11.744%
5	6.739	787	791	794	rBV	994358	801592	19.85%	2.559%
6	6.898	811	818	821	rBV	2977222	2790296	69.09%	8.909%
7	7.304	881	887	890	rBV	2149500	2368292	58.64%	7.562%
8	7.398	897	903	907	rBV	43365	48353	1.20%	0.154%
9	8.022	1004	1009	1012	rBV	1175997	972401	24.08%	3.105%
10	9.098	1187	1192	1196	rBV	3383920	3544941	87.78%	11.319%
11	9.492	1254	1259	1262	rBV	678666	530241	13.13%	1.693%
12	9.774	1302	1307	1311	rBV	1084831	945993	23.42%	3.021%
13	10.563	1435	1441	1444	rBV	2009878	1936986	47.96%	6.185%
14	10.680	1458	1461	1470	rVB	63509	62899	1.56%	0.201%
15	11.257	1554	1559	1562	rBV	970729	878168	21.74%	2.804%
16	12.357	1742	1746	1749	rBV2	43204	43298	1.07%	0.138%
17	12.668	1796	1799	1801	rBV	91695	79407	1.97%	0.254%
18	12.845	1824	1829	1832	rBV	2691558	2743589	67.93%	8.760%
19	13.368	1916	1918	1921	rBV	48905	47259	1.17%	0.151%
20	13.739	1977	1981	1989	rBV2	128520	179208	4.44%	0.572%
21	13.886	2002	2006	2010	rBV	898241	793082	19.64%	2.532%
22	14.733	2148	2150	2153	rVB	64781	52386	1.30%	0.167%
23	15.304	2242	2247	2252	rBV	451762	547481	13.56%	1.748%

Sum of corrected areas: 31318969

LSC Report - Integrated Chromatogram

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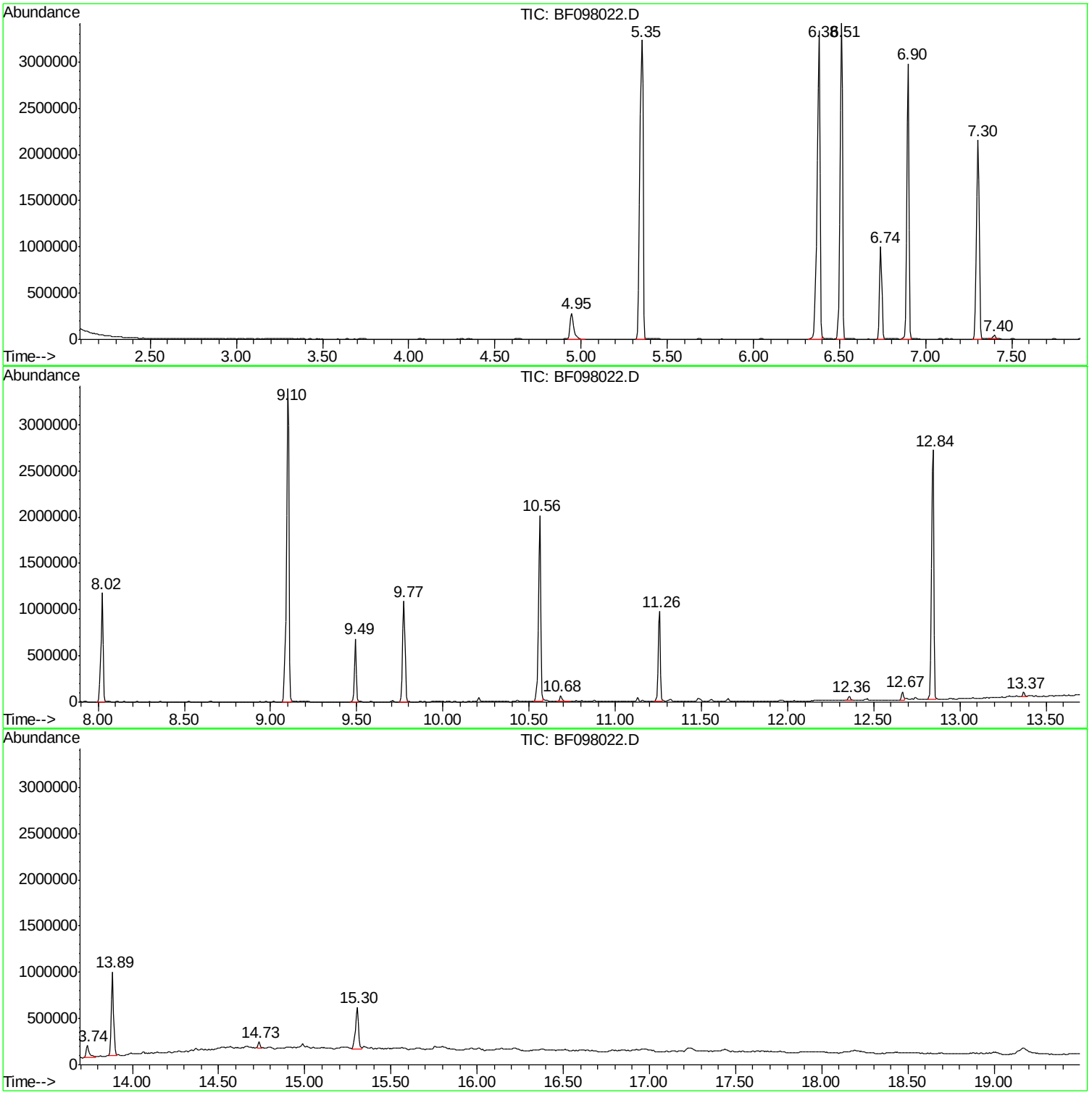
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-014

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098022.D
Acq On : 25 Aug 2017 00:43
Operator : SJ/JU
Sample : I4935-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-014

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

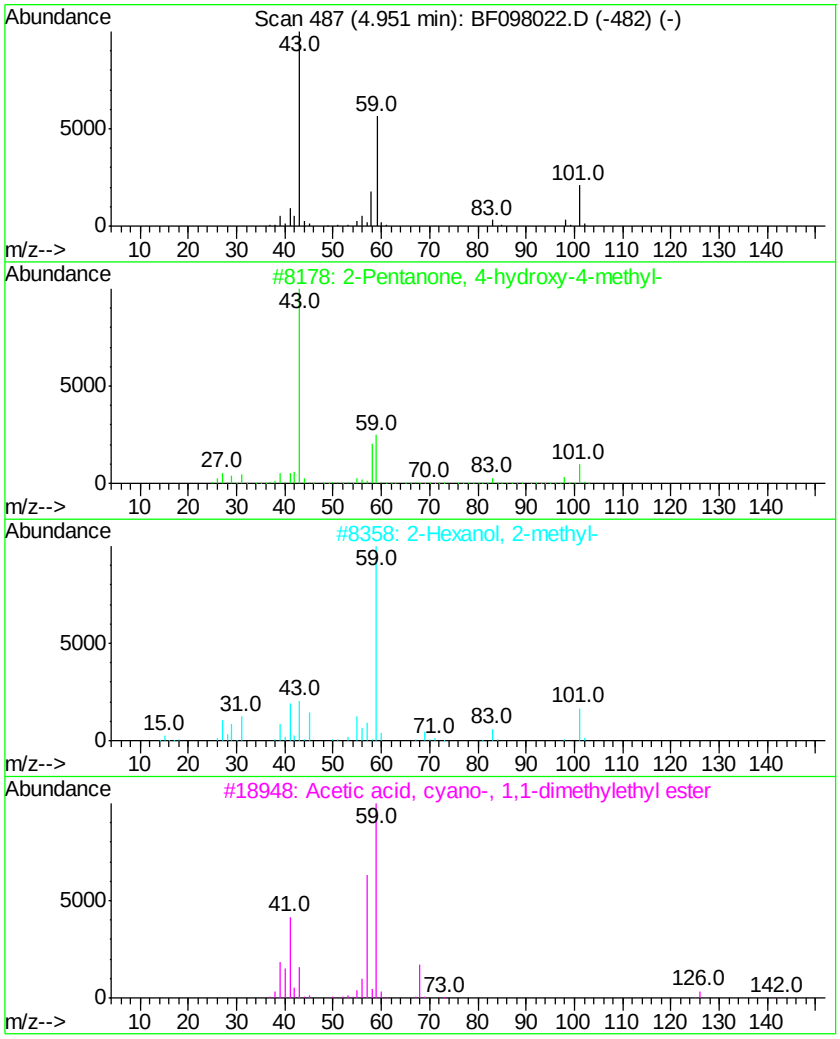
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

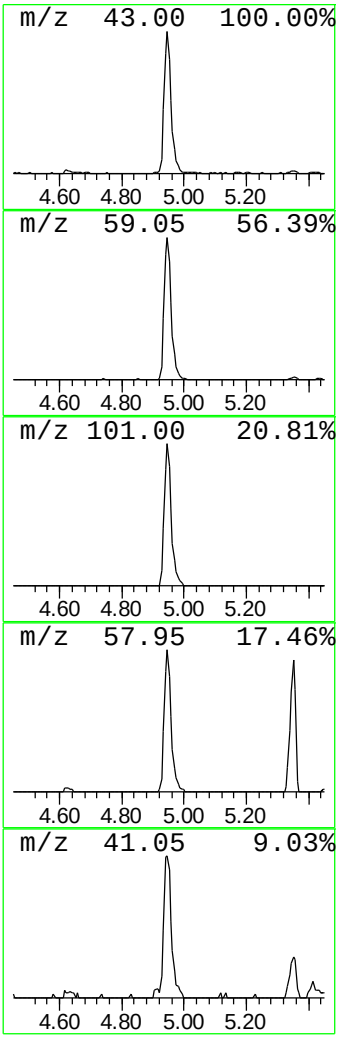
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	10.90 ng	436777	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-014

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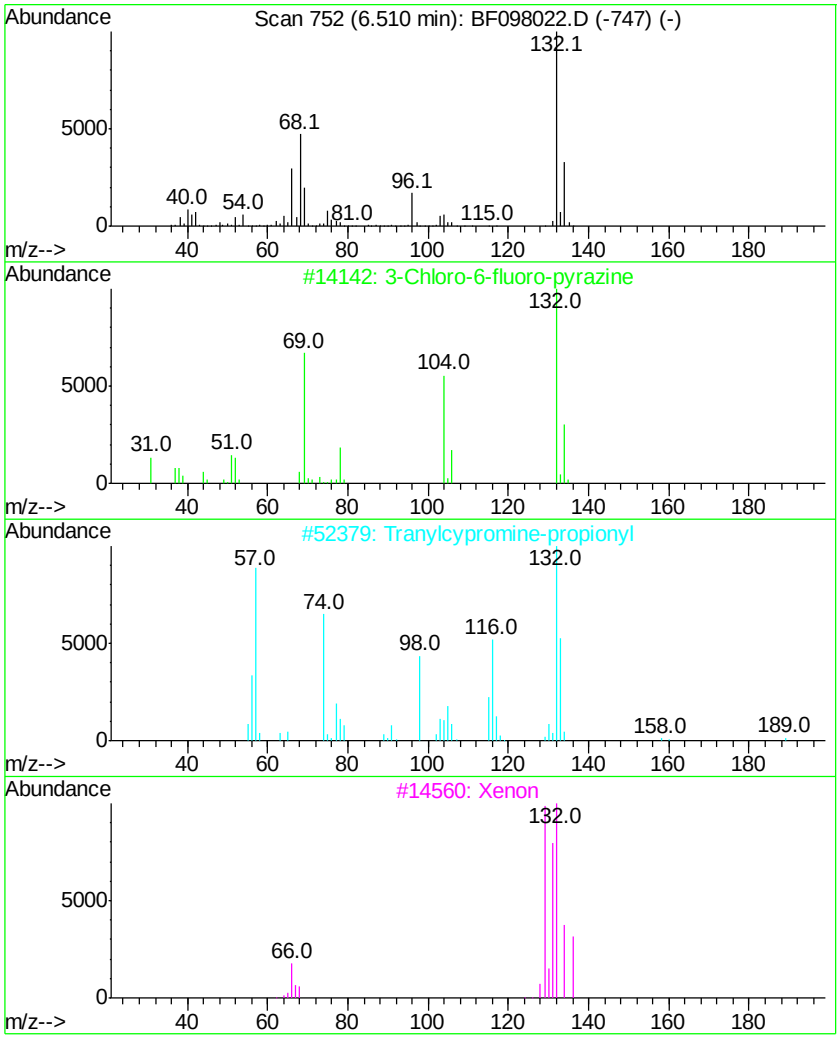
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

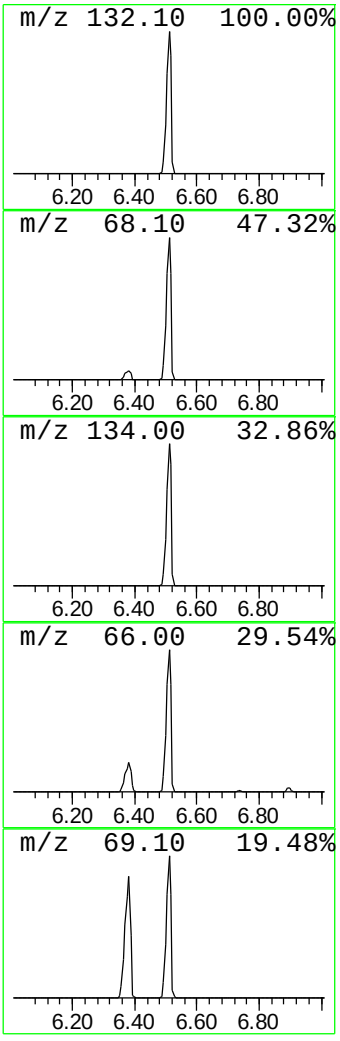
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	91.77 ng	3678150	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-014

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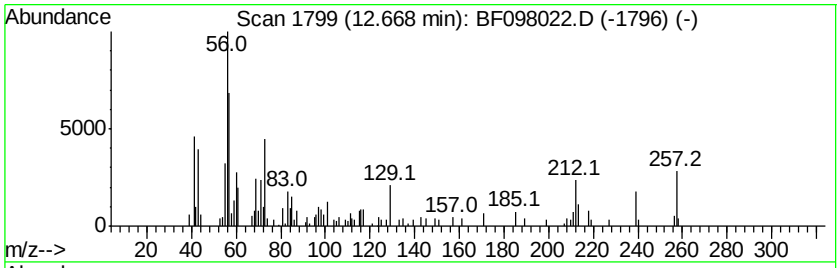
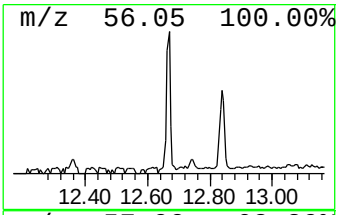
****

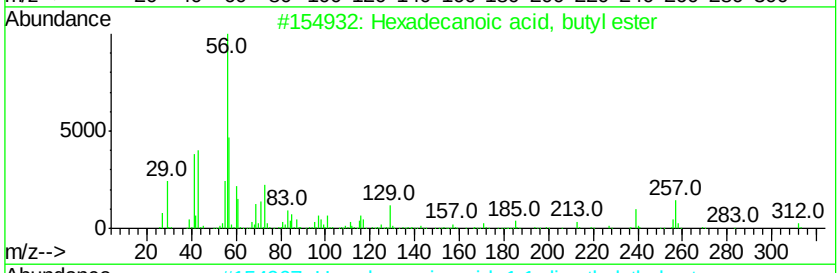
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 5

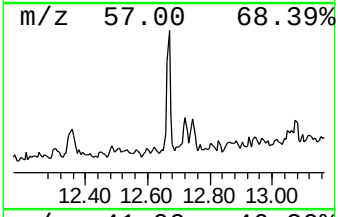
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	2.00 ng	79407	Chrysene-d12	13.89

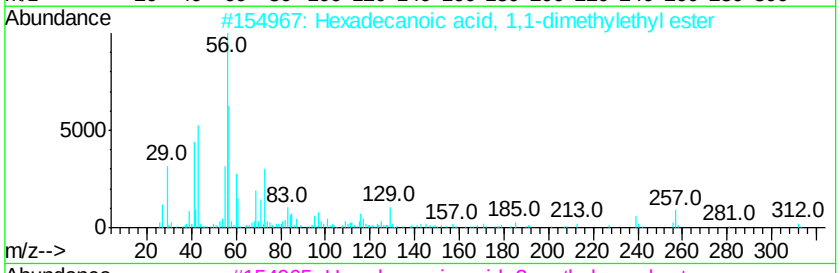
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
4	Myristic acid isobutyl ester	284	C18H36O2	025263-97-2	43
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	30

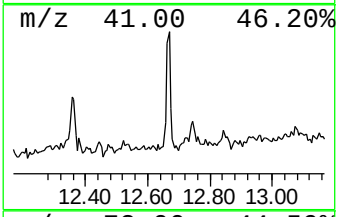


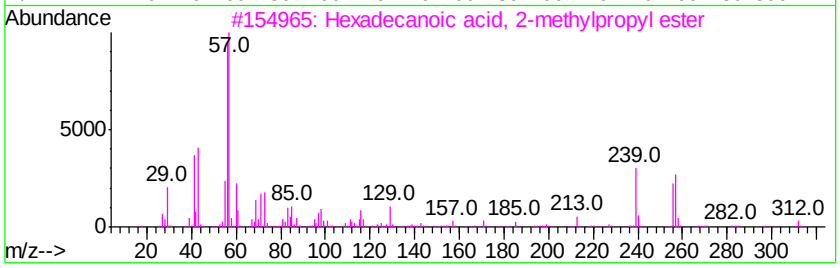


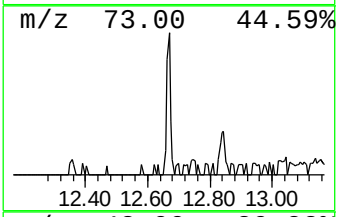


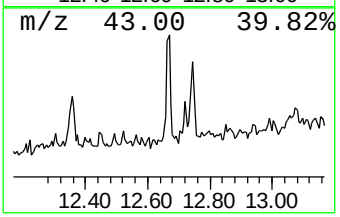












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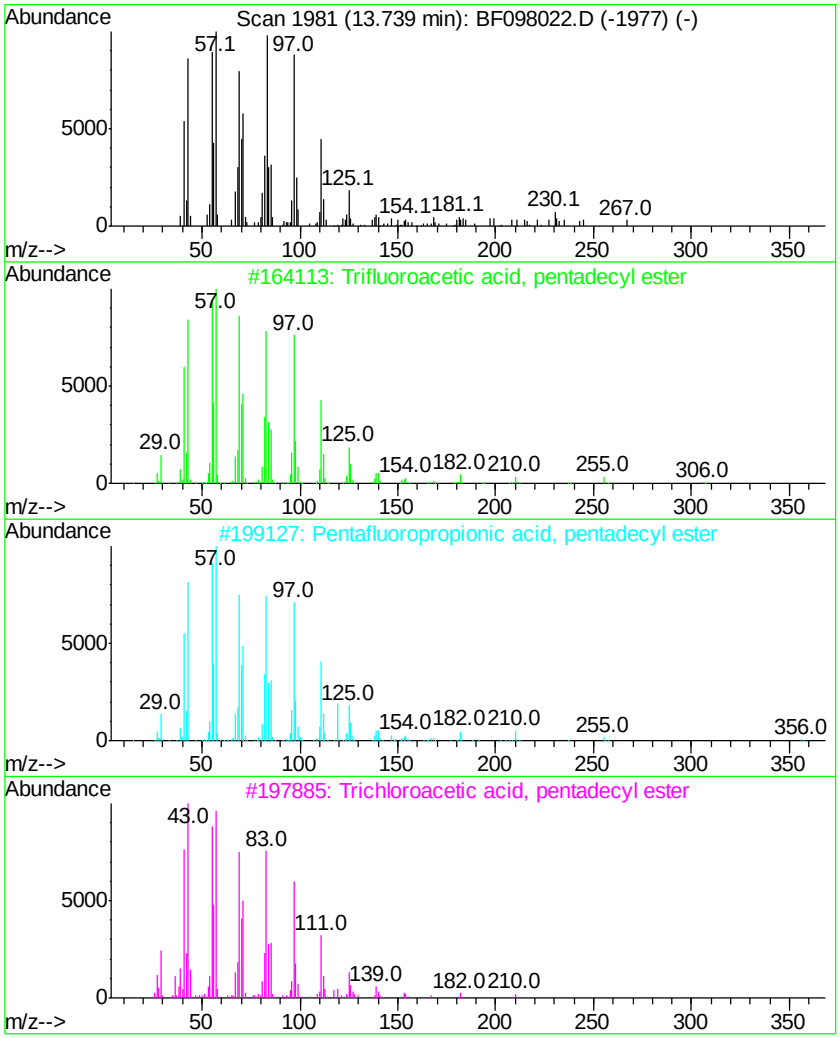
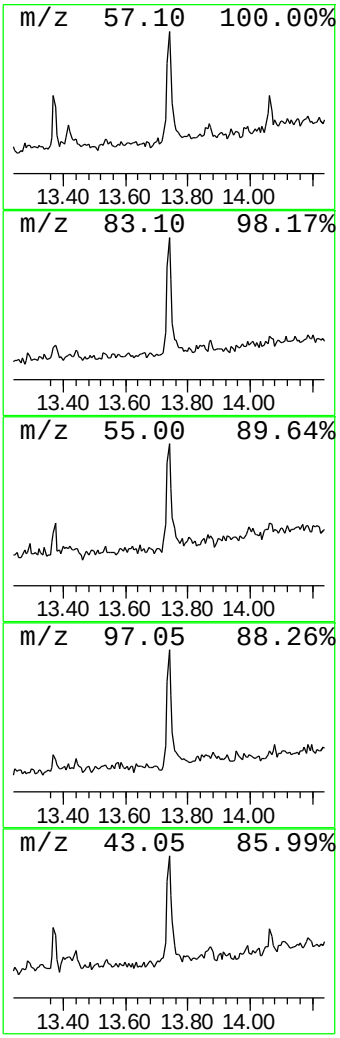
****

Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.52 ng	179208	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	11-Tricosene	322	C23H46	052078-56-5	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-hy...	4.95	10.9	ng	436777	1	6.74	801592	20.0
unknown6.51	6.51	91.8	ng	3678150	1	6.74	801592	20.0
Hexadecanoic acid...	12.67	2.0	ng	79407	5	13.89	793082	20.0
Trifluoroacetic a...	13.74	4.5	ng	179208	5	13.89	793082	20.0