

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135439.D
 Acq On : 25 Sep 2023 21:26
 Operator : CG\JU
 Sample : 04567-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-4

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.198	17	19	32	rVB3	26317	51600	1.57%	0.233%
2	5.357	553	556	558	rBV	54340	59482	1.82%	0.268%
3	5.386	558	561	573	rVV	3269323	3205095	97.80%	14.459%
4	5.475	573	576	585	rVB2	54910	71988	2.20%	0.325%
5	6.398	729	733	759	rVB	3233511	3277079	100.00%	14.784%
6	6.751	790	793	799	rBV	1151010	927394	28.30%	4.184%
7	7.316	885	889	900	rBV	2244110	2074707	63.31%	9.359%
8	8.033	1007	1011	1014	rBV	1339590	1158969	35.37%	5.228%
9	9.110	1189	1194	1197	rBV	3689343	3196396	97.54%	14.420%
10	9.227	1211	1214	1222	rVB	45894	50175	1.53%	0.226%
11	9.786	1305	1309	1319	rBV	1370677	1168010	35.64%	5.269%
12	10.580	1440	1444	1461	rBV	1702591	1566469	47.80%	7.067%
13	11.280	1559	1563	1571	rBV	1123626	949739	28.98%	4.284%
14	11.815	1651	1654	1663	rBV	285183	314956	9.61%	1.421%
15	12.604	1785	1788	1802	rBV	60176	102369	3.12%	0.462%
16	12.874	1830	1834	1838	rBV	2393703	2095082	63.93%	9.451%
17	13.868	1995	2003	2011	rBV6	47537	171178	5.22%	0.772%
18	13.939	2011	2015	2025	rVB	808700	798018	24.35%	3.600%
19	14.409	2091	2095	2098	rVB3	34259	37360	1.14%	0.169%
20	15.051	2201	2204	2209	rVB	46797	51239	1.56%	0.231%
21	15.404	2259	2264	2275	rVB	570561	755875	23.07%	3.410%
22	15.868	2338	2343	2347	rVB	53672	83768	2.56%	0.378%

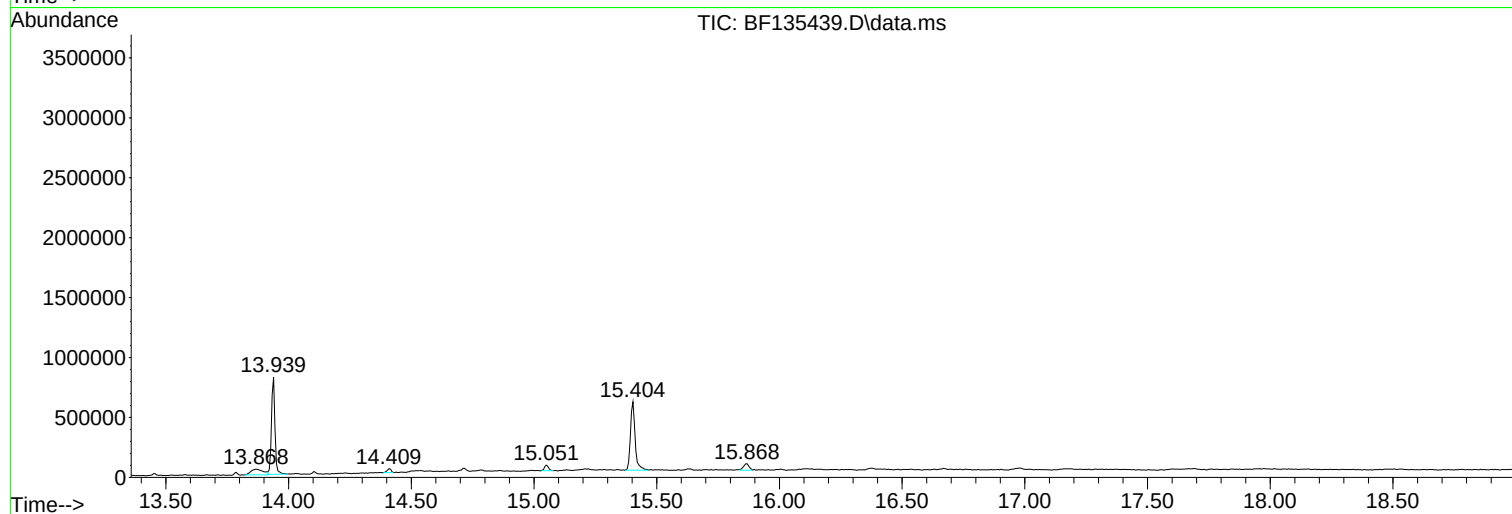
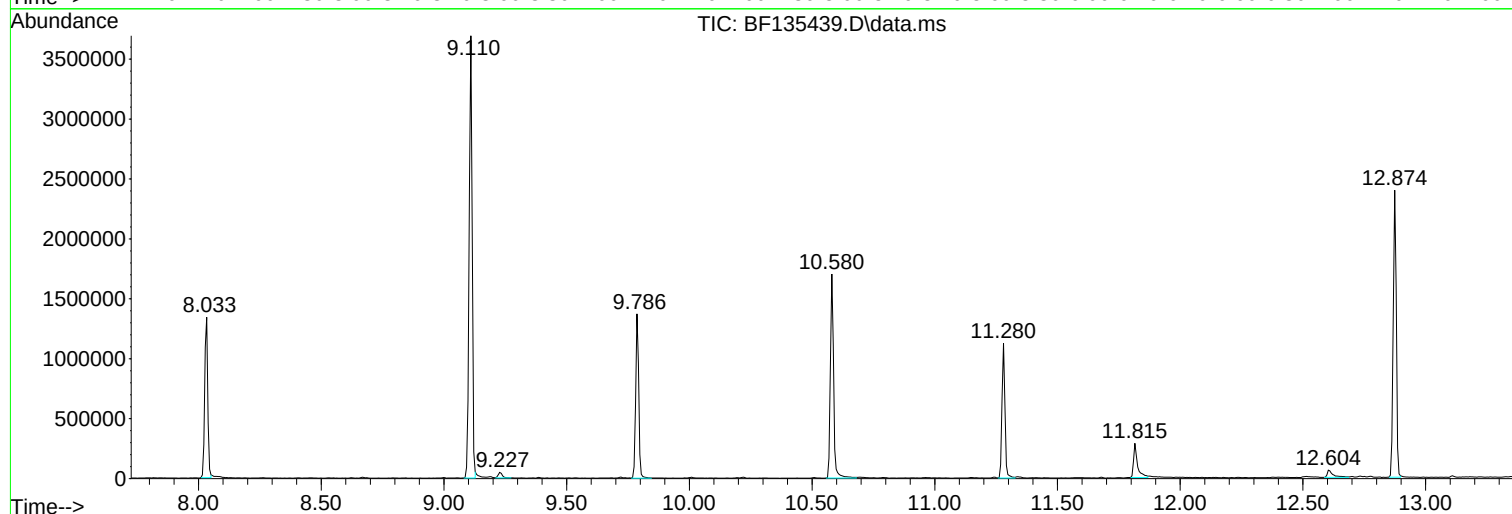
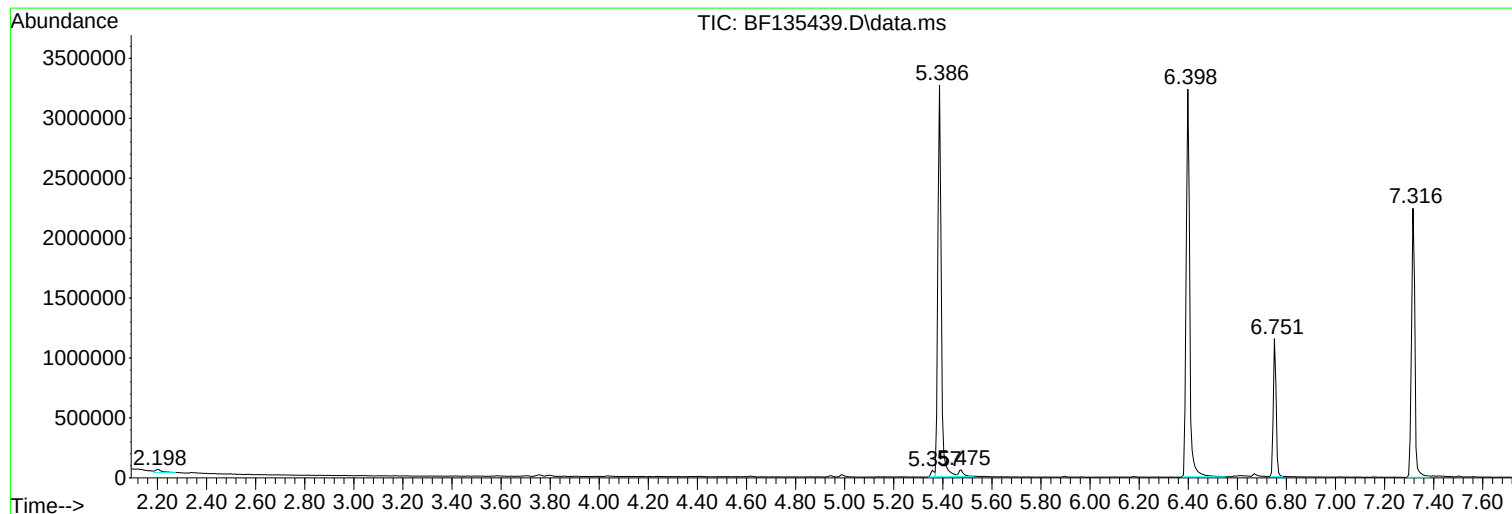
Sum of corrected areas: 22166948

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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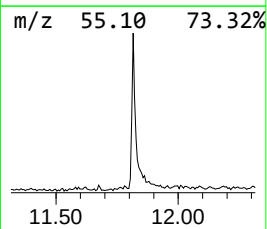
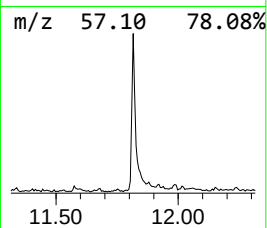
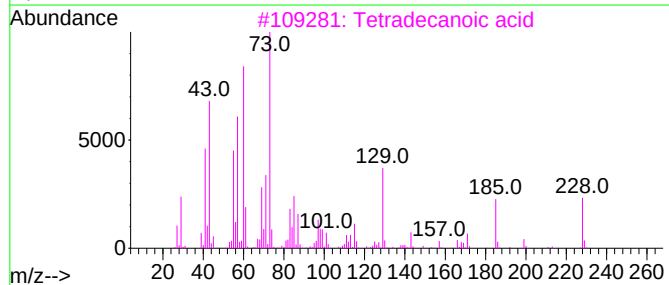
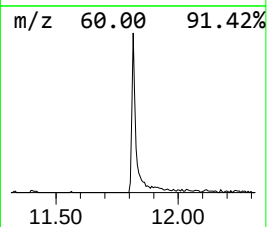
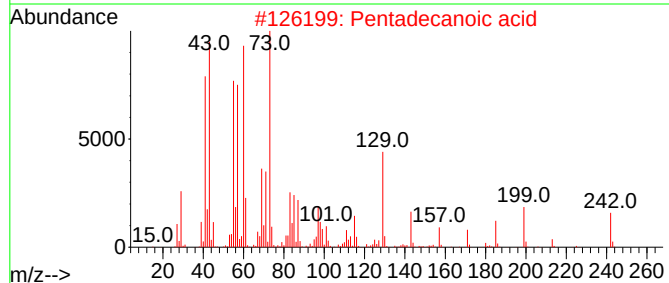
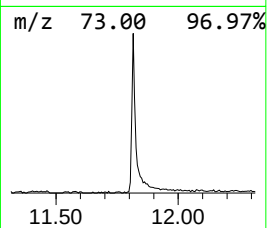
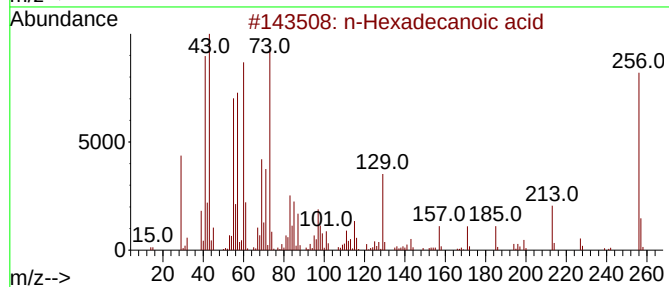
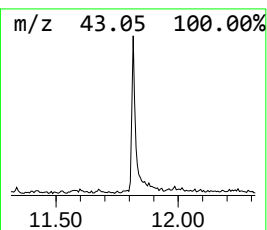
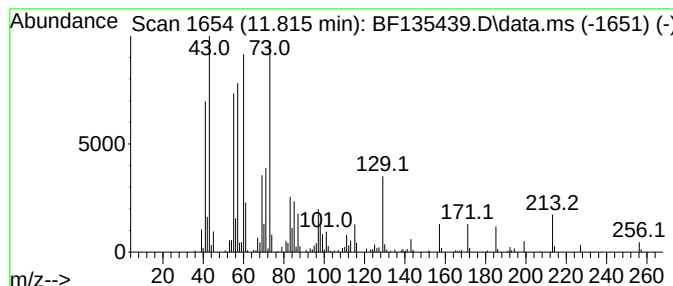
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.816	6.63 ng	314956	Phenanthrene-d10		11.280	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
4	Undecanoic acid		186	C11H22O2	000112-37-8	74
5	Tridecanoic acid		214	C13H26O2	000638-53-9	68



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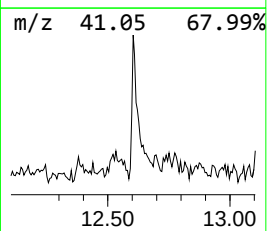
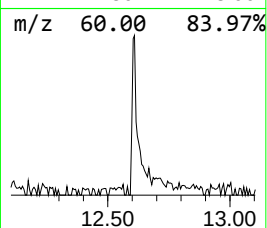
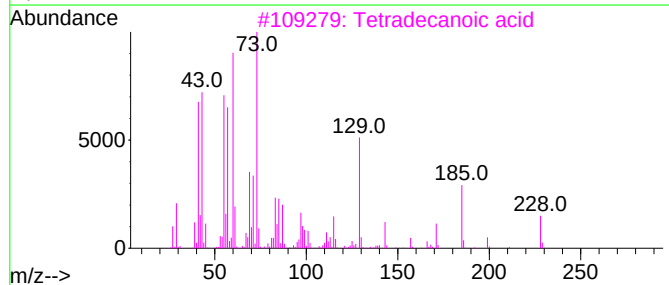
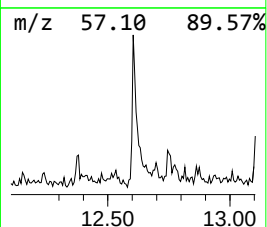
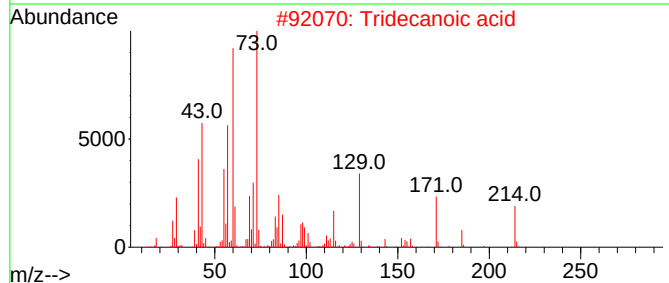
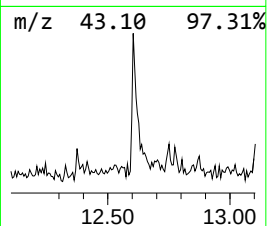
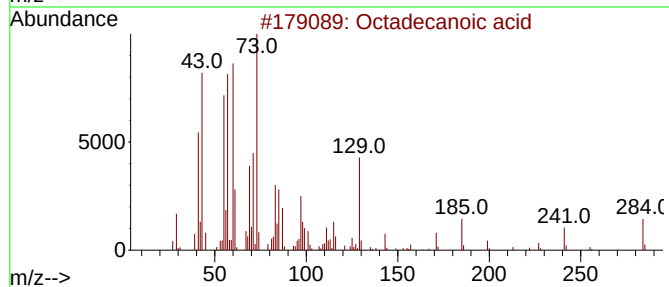
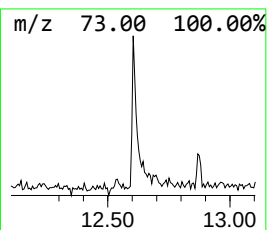
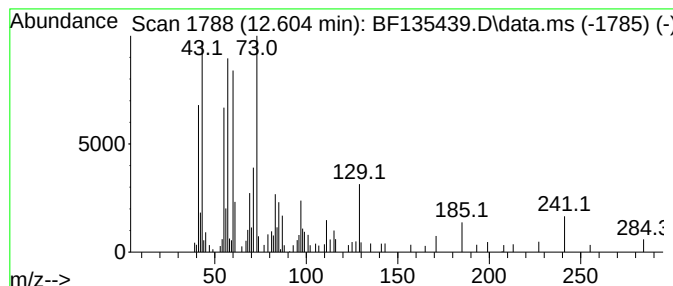
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.16 ng	102369	Phenanthrene-d10	11.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Tridecanoic acid	214	C13H26O2	000638-53-9	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			7-Methyloctanoic acid	158	C9H18O2	000693-19-6	35



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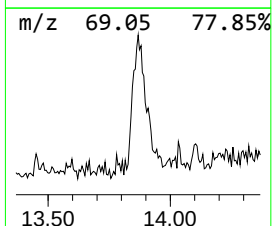
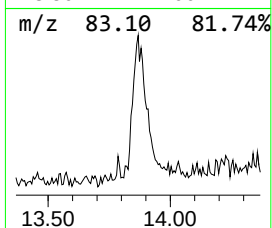
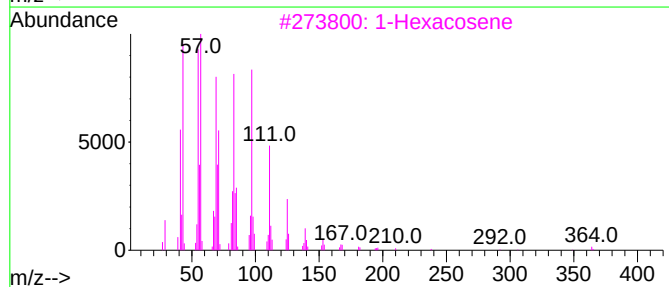
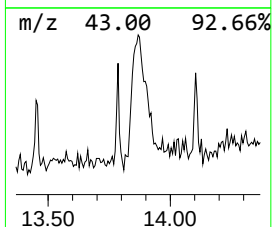
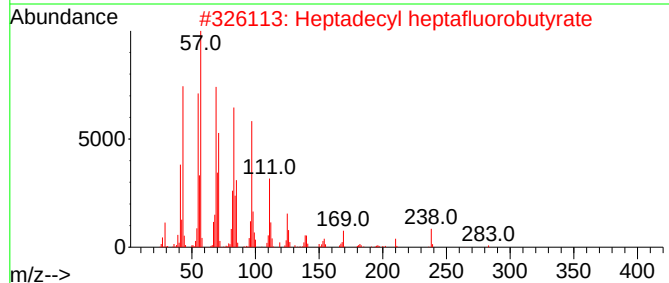
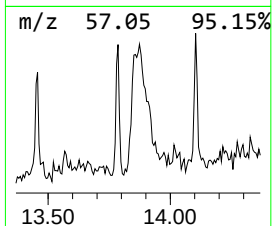
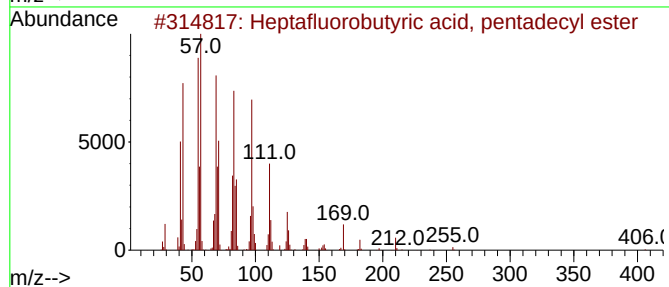
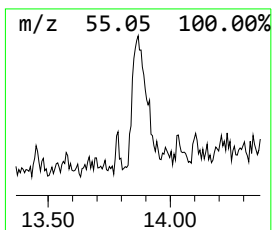
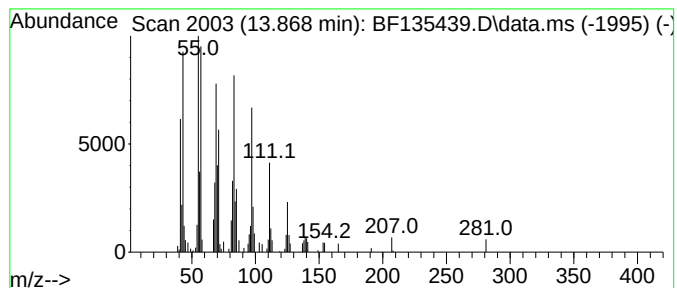
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Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	4.29 ng	171178	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3			1-Hexacosene	364	C26H52	018835-33-1	94
4			1-Tetracosene	336	C24H48	010192-32-2	94
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93



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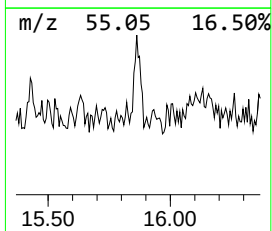
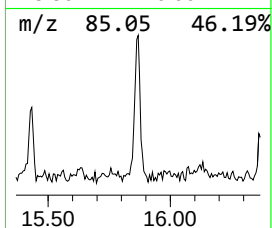
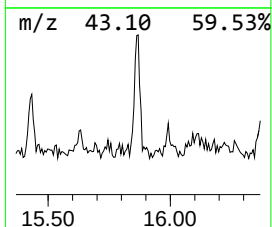
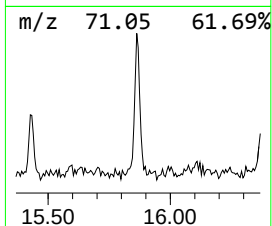
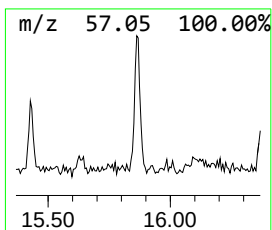
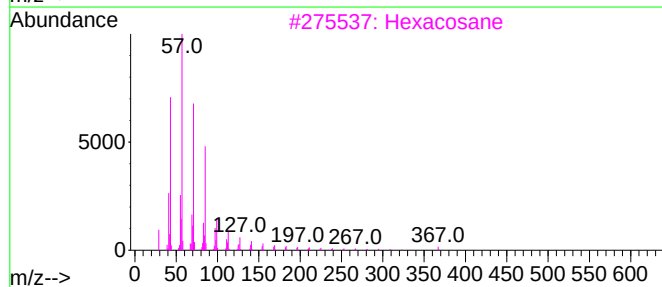
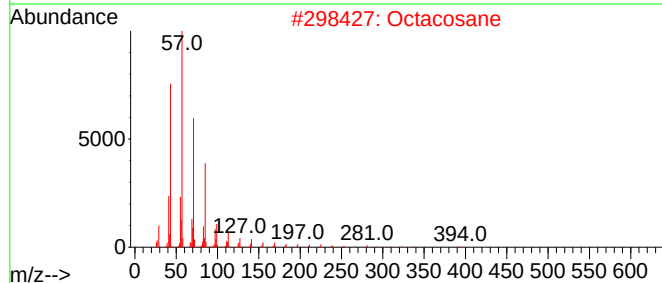
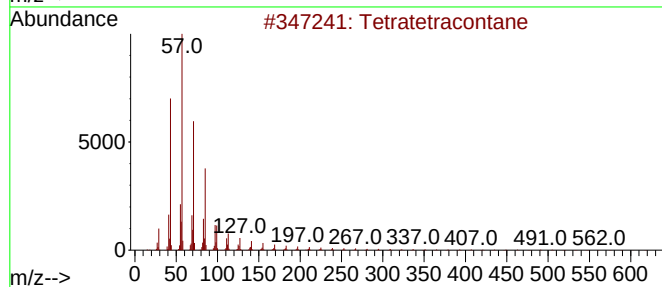
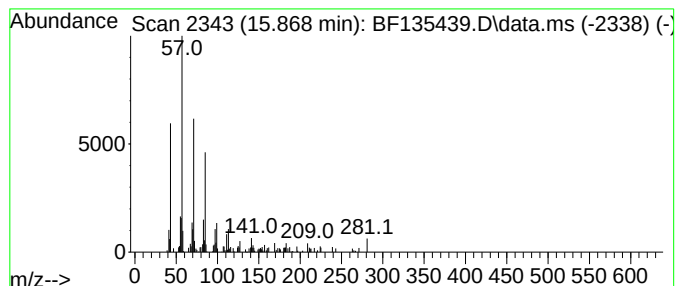
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Peak Number 4 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.868	2.22 ng	83768	Perylene-d12	15.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Tetracosane	338	C24H50	000646-31-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.816	6.6	ng	314956	4	11.280	949739	20.0
Octadecanoic acid	12.604	2.2	ng	102369	4	11.280	949739	20.0
Heptafluorobuty...	13.868	4.3	ng	171178	5	13.939	798018	20.0
Tetratetracontane	15.868	2.2	ng	83768	6	15.403	755875	20.0