

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053814.D
 Acq On : 3 Jun 2022 15:38
 Operator : CG/JU
 Sample : N3025-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTH-SW

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_G\Methods\8270-BG060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.653	379	385	397	rBV	334944	582886	39.35%	7.406%
2	7.240	646	655	664	rBV	353658	627863	42.39%	7.977%
3	8.092	793	800	808	rBV	95450	168777	11.39%	2.144%
4	9.249	989	997	1010	rBV	215635	392872	26.52%	4.992%
5	10.900	1271	1278	1288	rVB	128960	240055	16.21%	3.050%
6	13.338	1686	1693	1703	rVB	593348	964546	65.12%	12.255%
7	14.713	1920	1927	1934	rBV	216302	346382	23.38%	4.401%
8	16.194	2173	2179	2191	rBV	473488	738423	49.85%	9.382%
9	17.457	2387	2394	2400	rBV	272529	428607	28.94%	5.446%
10	18.344	2541	2545	2553	rBV2	54345	86850	5.86%	1.103%
11	19.613	2757	2761	2770	rBV3	30928	53628	3.62%	0.681%
12	19.766	2781	2787	2792	rBV	19881	29279	1.98%	0.372%
13	20.066	2831	2838	2844	rBV	1072328	1481267	100.00%	18.821%
14	20.747	2947	2954	2967	rBV	436879	664921	44.89%	8.448%
15	21.376	3056	3061	3071	rBV2	40143	72321	4.88%	0.919%
16	21.728	3115	3121	3130	rVB	279990	486226	32.83%	6.178%
17	22.569	3260	3264	3270	rBV6	9367	17366	1.17%	0.221%
18	25.001	3668	3678	3689	rVB2	159462	488189	32.96%	6.203%

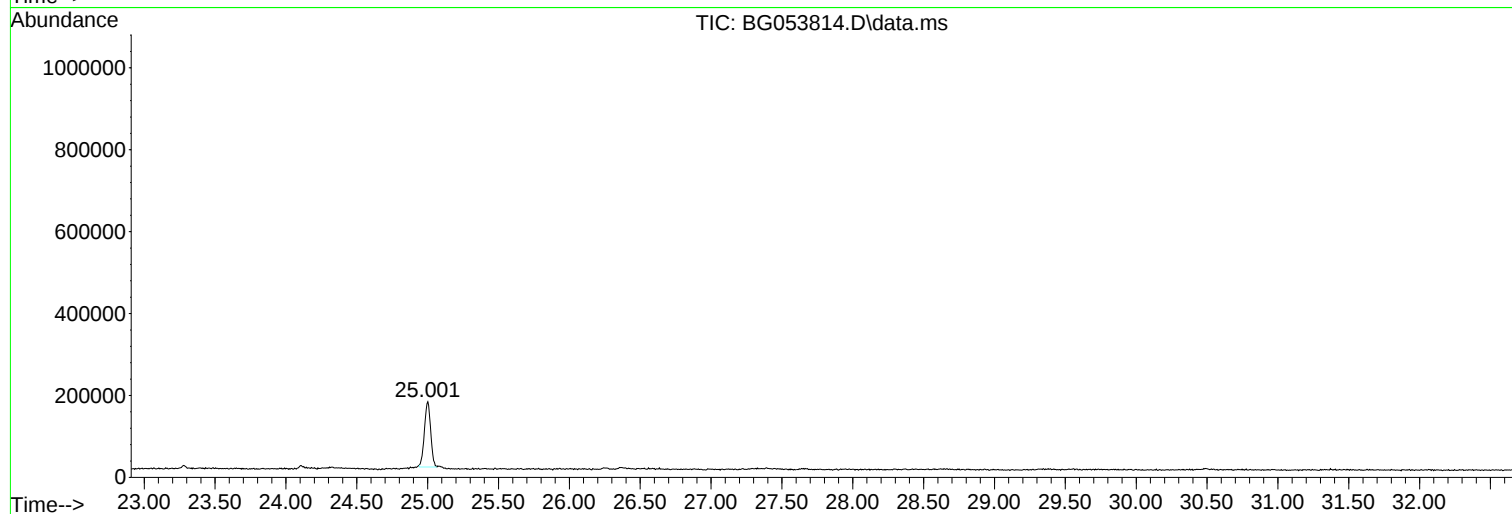
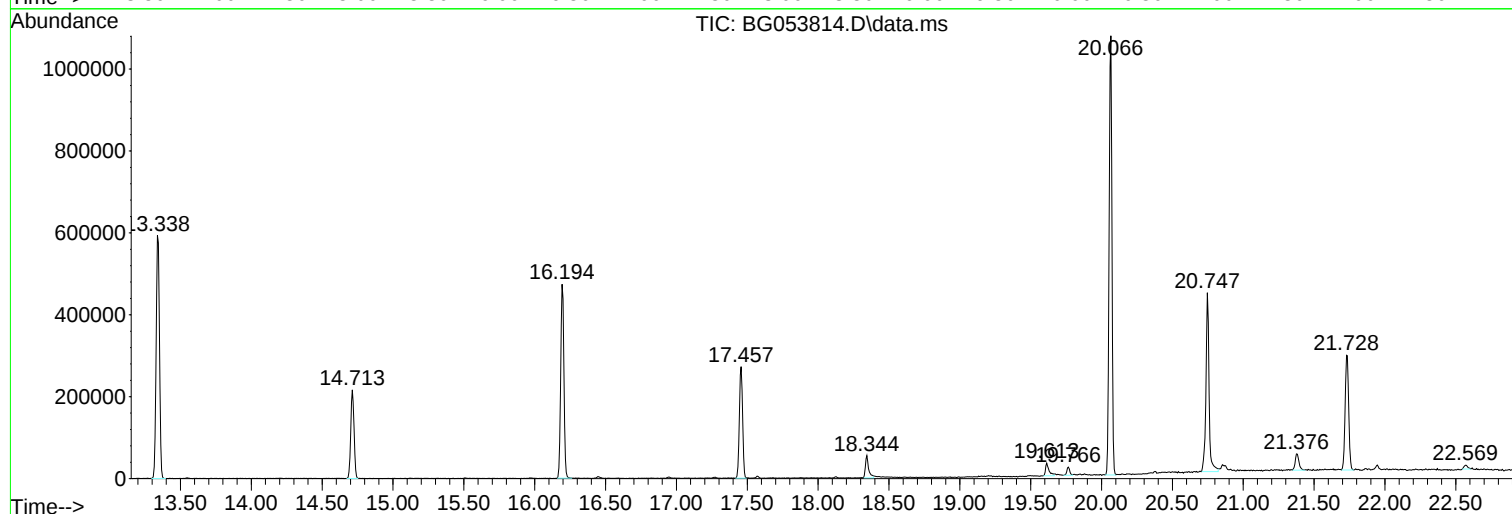
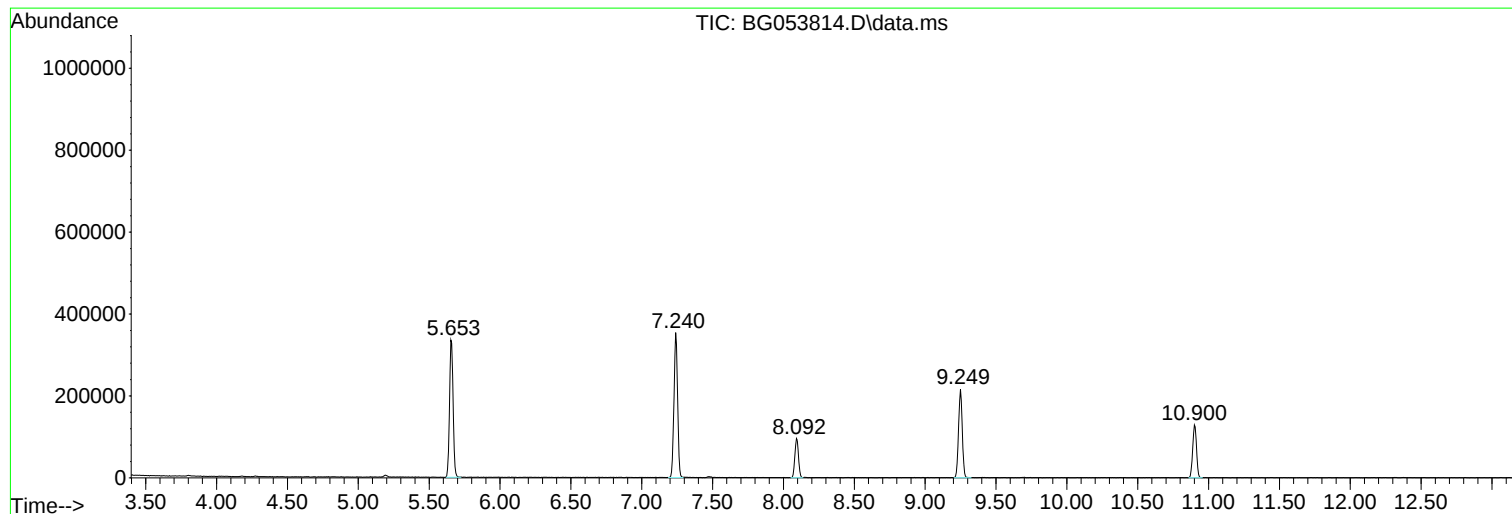
Sum of corrected areas: 7870458

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



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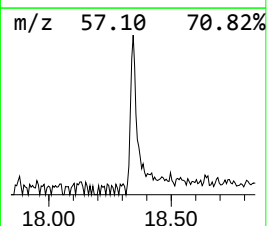
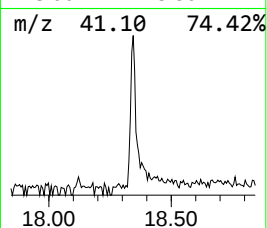
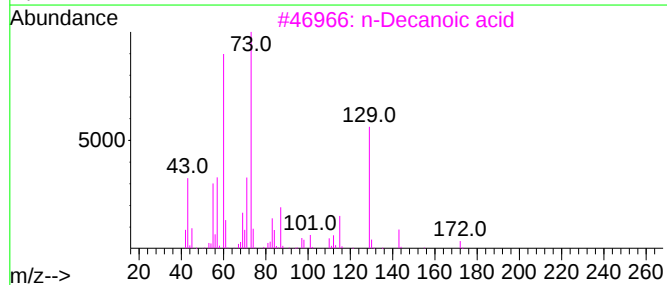
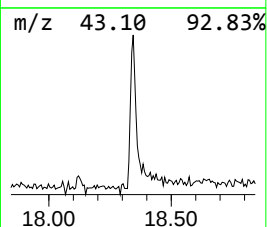
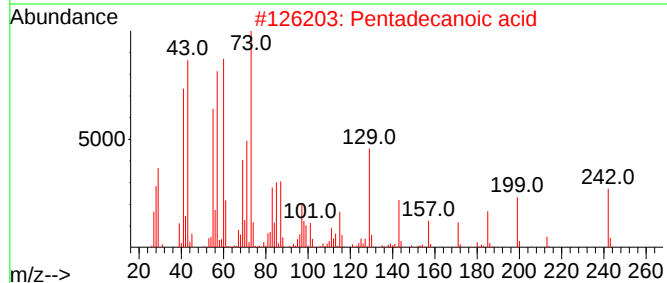
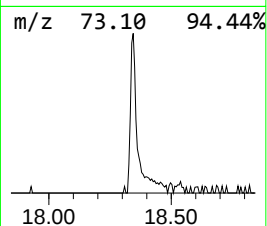
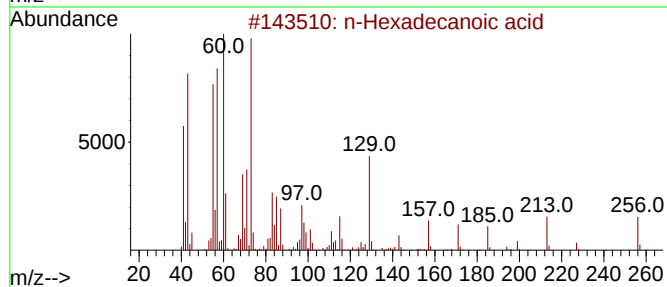
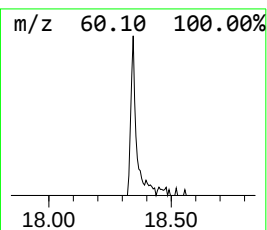
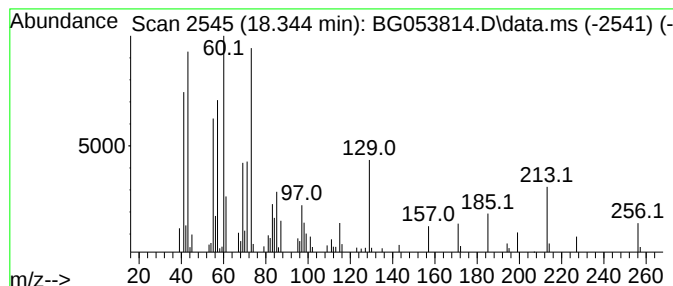
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.344	4.05 ng	86850	Phenanthrene-d10	17.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3			n-Decanoic acid	172	C10H20O2	000334-48-5	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	58
5			5-Methyloctanoic acid	158	C9H18O2	060218-42-0	35



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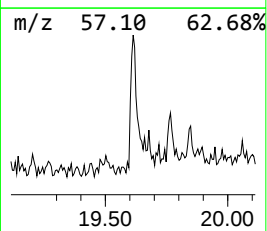
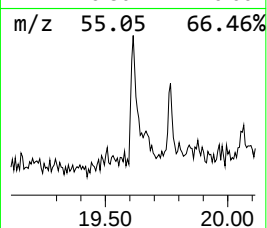
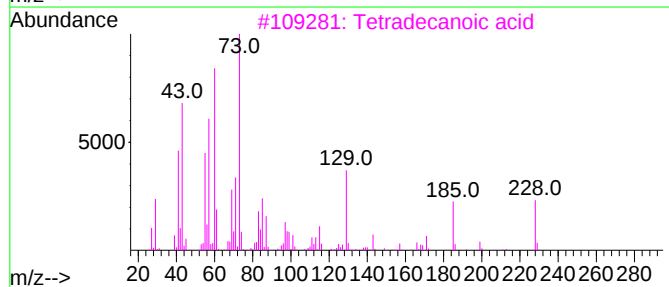
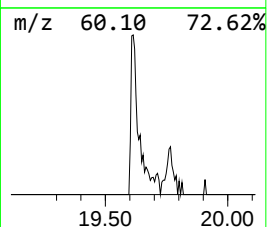
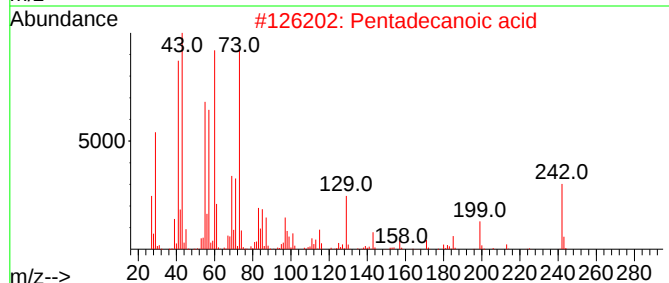
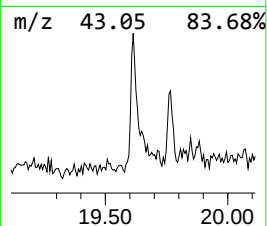
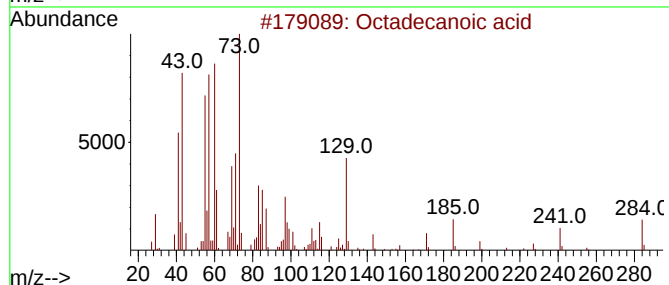
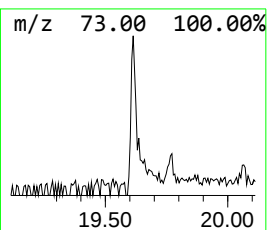
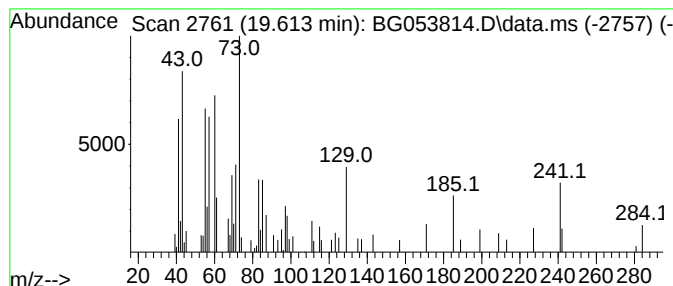
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.613	2.21 ng	53628	Chrysene-d12	21.729

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38



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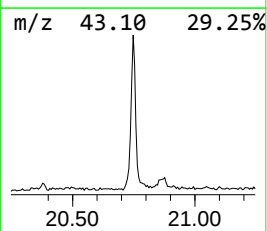
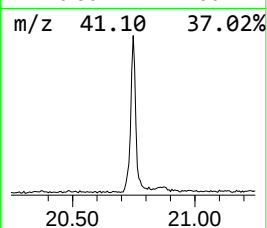
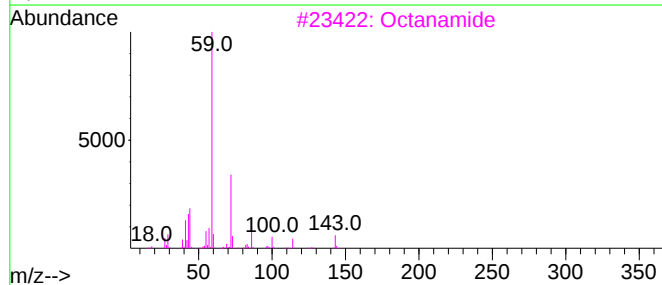
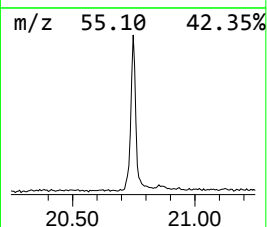
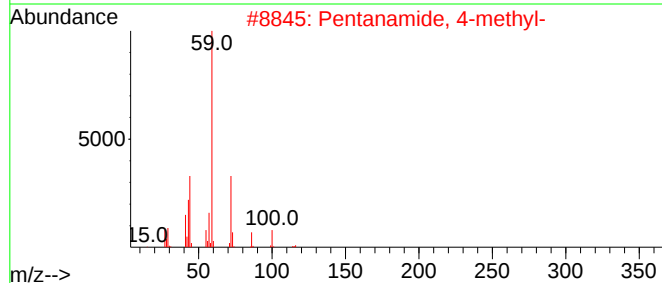
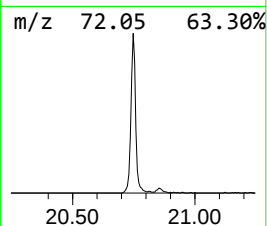
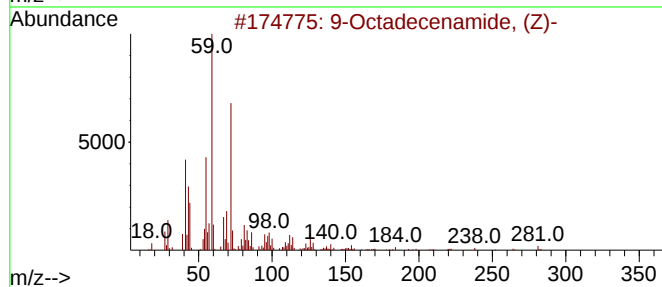
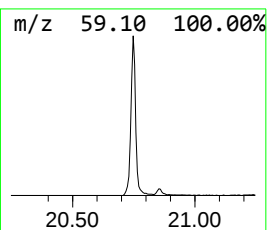
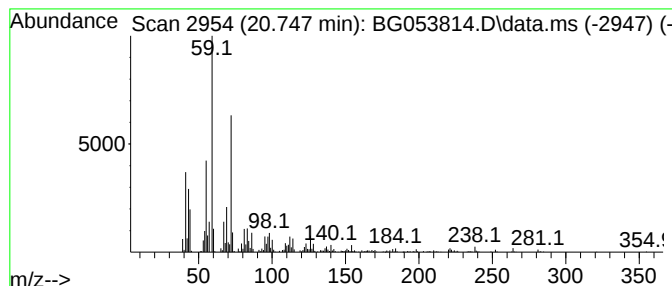
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.747	27.35 ng	664921	Chrysene-d12	21.729

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2			Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	72
3			Octanamide	143	C8H17NO	000629-01-6	64
4			Octadecanamide	283	C18H37NO	000124-26-5	53
5			Hexadecanamide	255	C16H33NO	000629-54-9	50



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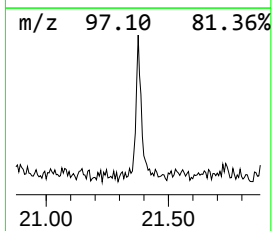
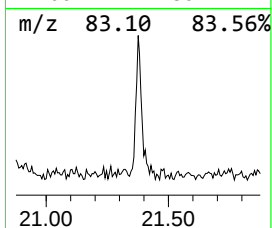
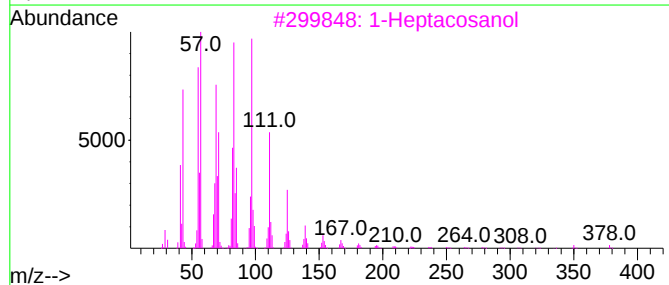
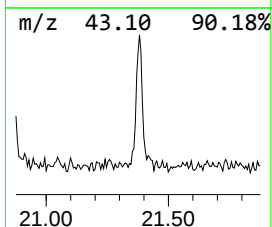
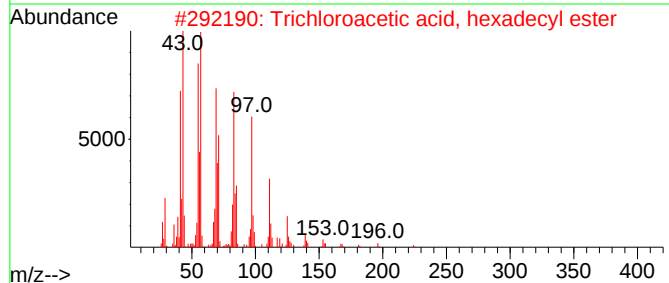
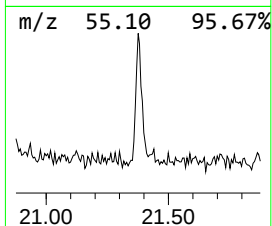
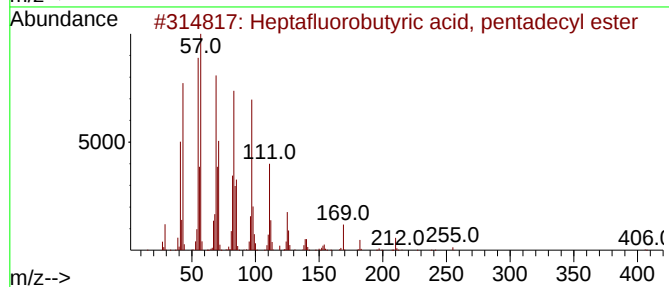
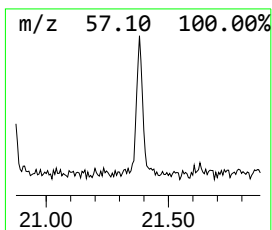
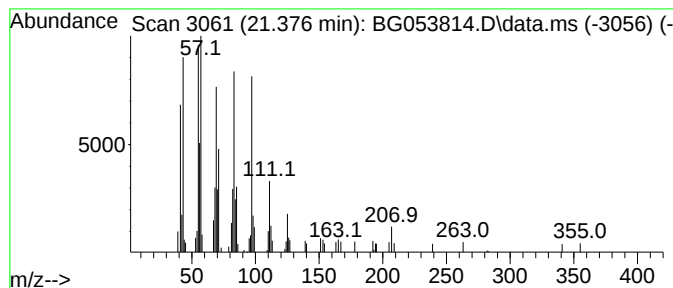
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Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.376	2.97 ng	72321	Chrysene-d12	21.729

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3			1-Heptacosanol	396	C27H56O	002004-39-9	91
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5			1-Heneicosanol	312	C21H44O	015594-90-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.344	4.0	ng	86850	4	17.457	428607	20.0
Octadecanoic acid	19.613	2.2	ng	53628	5	21.729	486226	20.0
9-Octadecenamid...	20.747	27.4	ng	664921	5	21.729	486226	20.0
Heptafluorobuty...	21.376	3.0	ng	72321	5	21.729	486226	20.0