

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135406.D
 Acq On : 22 Sep 2023 18:37
 Operator : CG\JU
 Sample : 04491-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-05

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: BF135406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	559	563	584	rBV	4102493	4537378	100.00%	15.389%
2	6.404	729	734	737	rBV	3764750	4449093	98.05%	15.089%
3	6.757	790	794	804	rVB	1136933	933446	20.57%	3.166%
4	7.322	885	890	893	rBV	2866379	2966048	65.37%	10.059%
5	8.034	1007	1011	1017	rBV	1336242	1197642	26.40%	4.062%
6	9.116	1189	1195	1198	rBV	4249352	4344227	95.74%	14.733%
7	9.228	1210	1214	1222	rVB	50748	62558	1.38%	0.212%
8	9.792	1305	1310	1313	rBV	1364235	1249536	27.54%	4.238%
9	10.586	1440	1445	1460	rBV	2511927	2530187	55.76%	8.581%
10	11.286	1560	1564	1567	rBV	1228168	1167213	25.72%	3.959%
11	11.822	1651	1655	1667	rBV2	424502	504875	11.13%	1.712%
12	12.610	1785	1789	1801	rBV	168579	219303	4.83%	0.744%
13	12.880	1830	1835	1838	rBV	3081435	3032117	66.83%	10.283%
14	13.369	1912	1918	1926	rBV	504932	568322	12.53%	1.927%
15	13.851	1994	2000	2006	rBV7	32862	94717	2.09%	0.321%
16	13.939	2011	2015	2019	rBV	806895	707508	15.59%	2.400%
17	15.404	2259	2264	2277	rVB	679112	921209	20.30%	3.124%

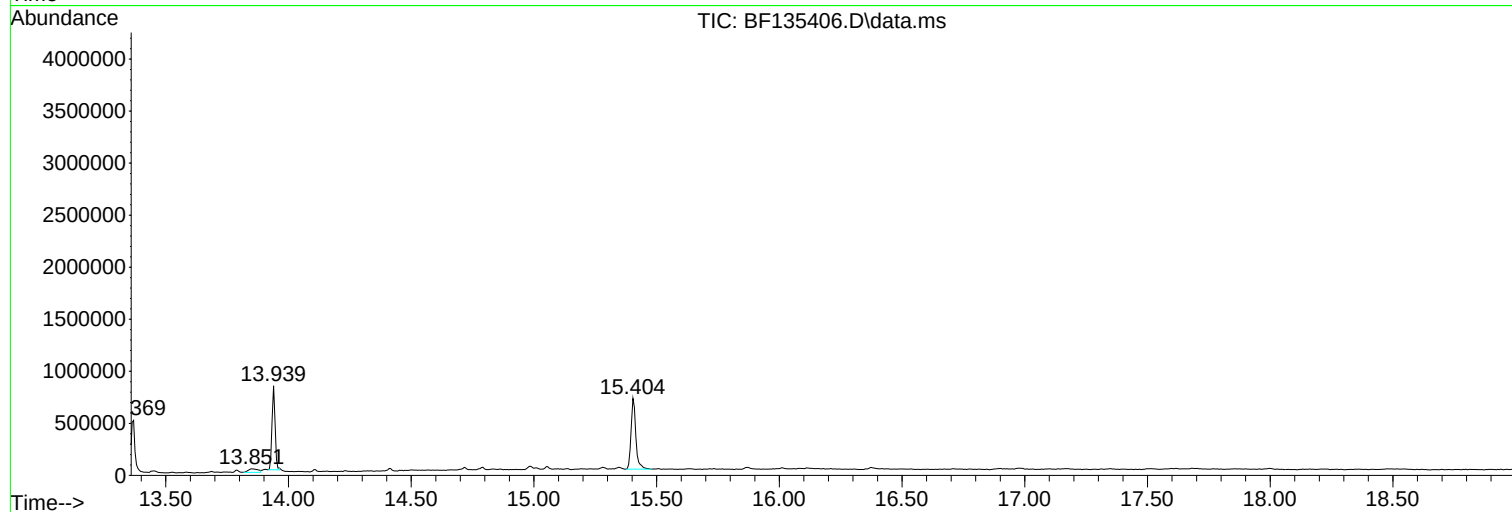
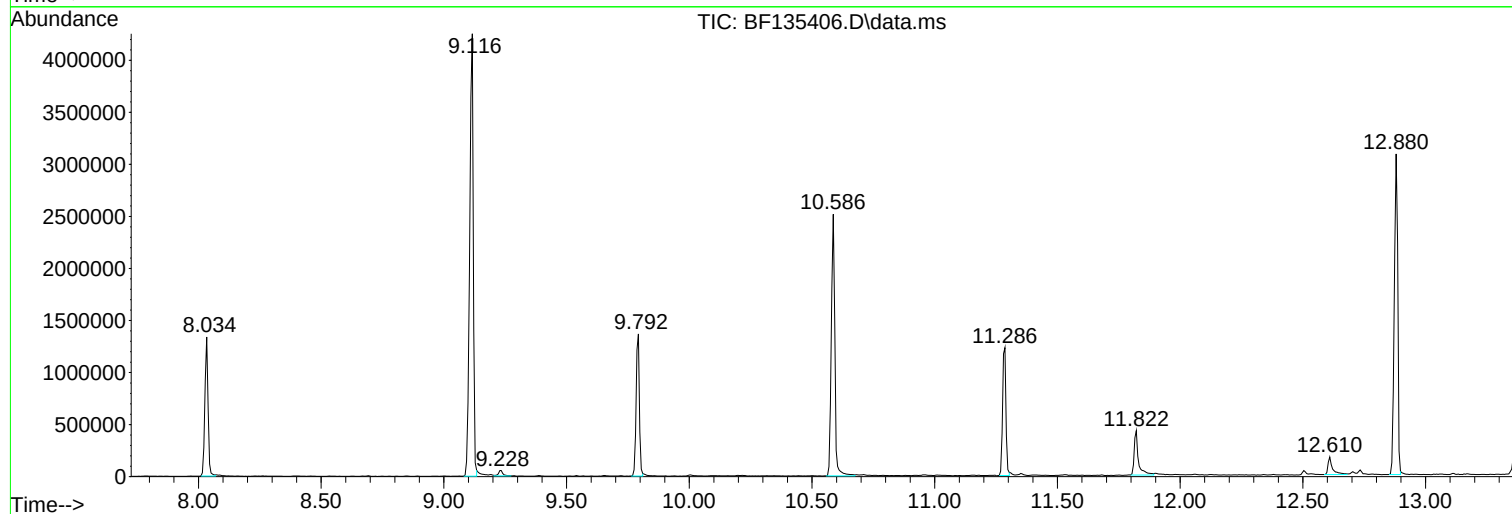
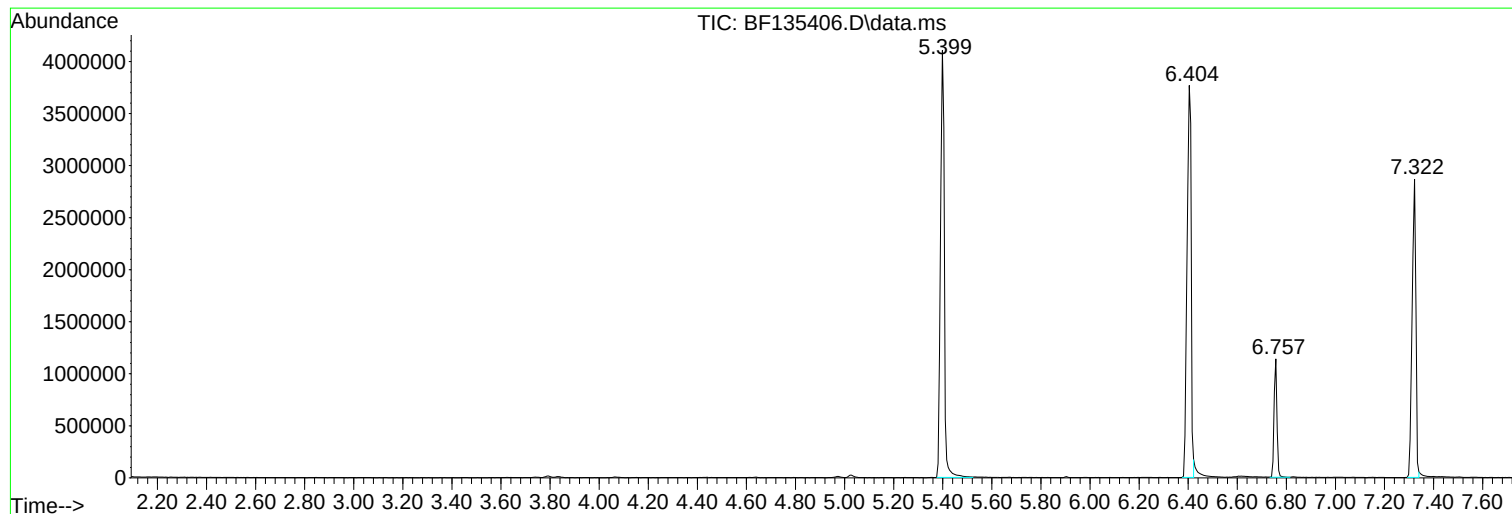
Sum of corrected areas: 29485379

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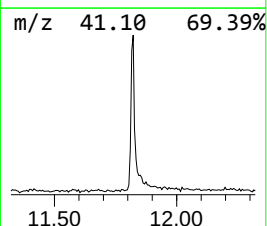
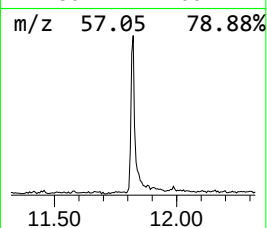
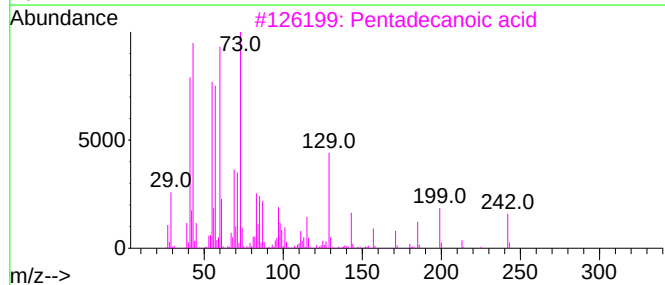
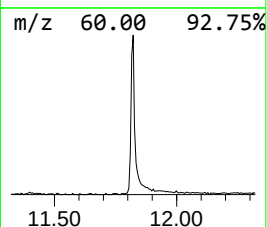
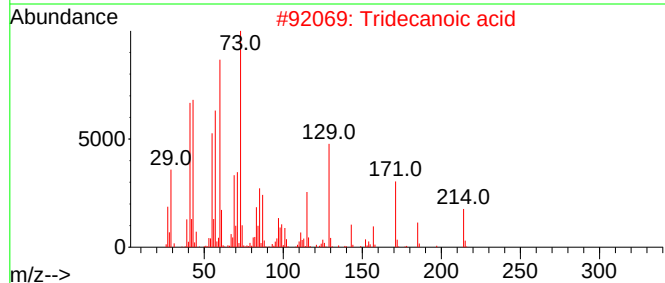
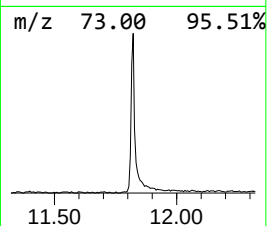
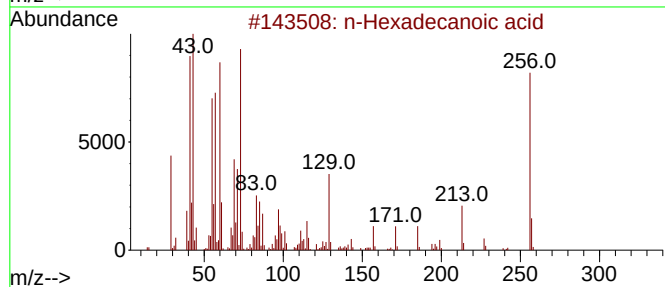
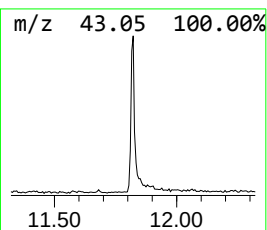
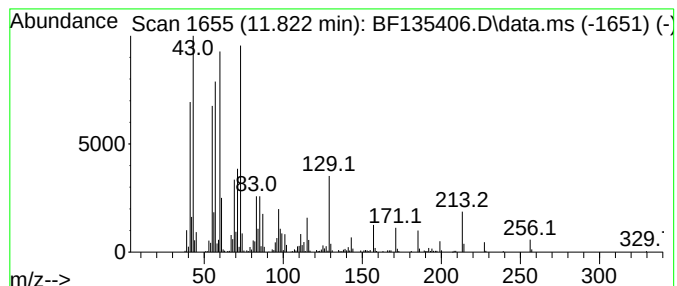
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	8.65 ng	504875	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Octadecanoic acid	284	C18H36O2	000057-11-4	76



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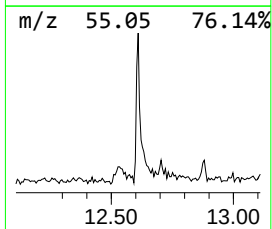
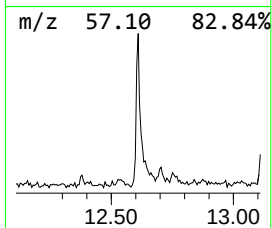
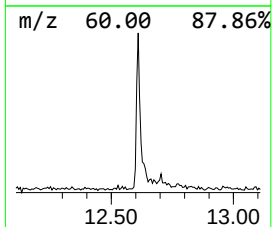
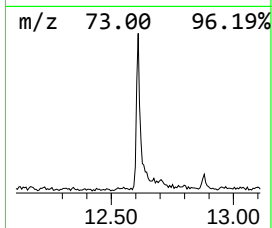
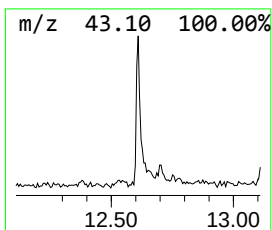
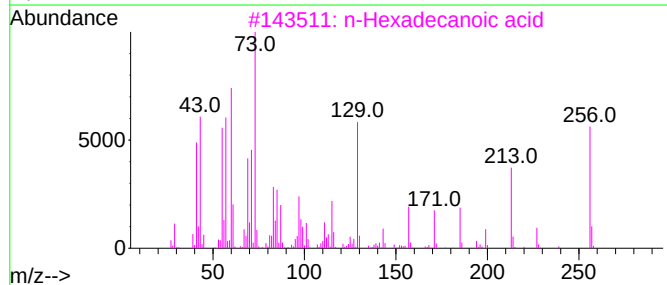
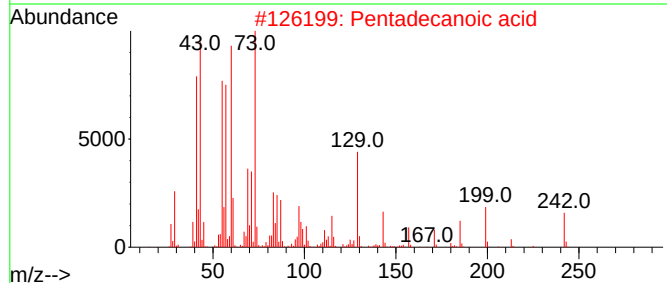
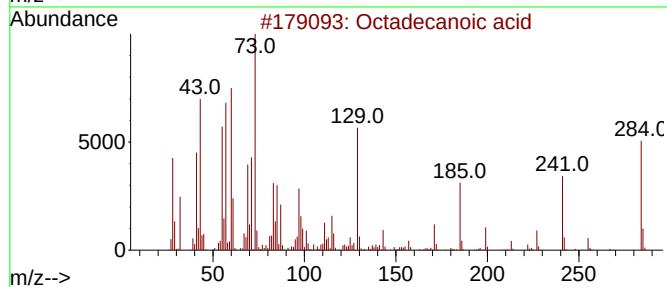
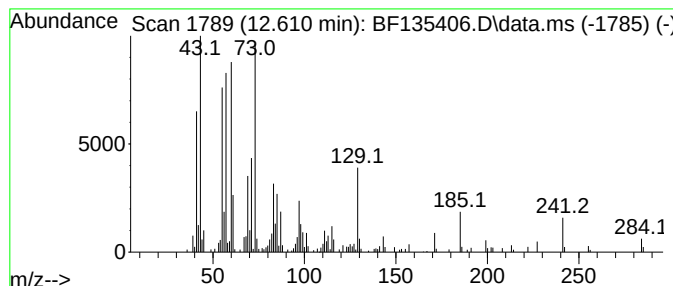
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	3.76 ng	219303	Phenanthrene-d10	11.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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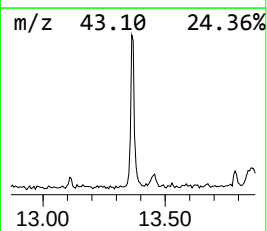
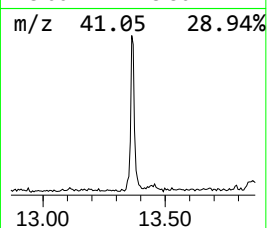
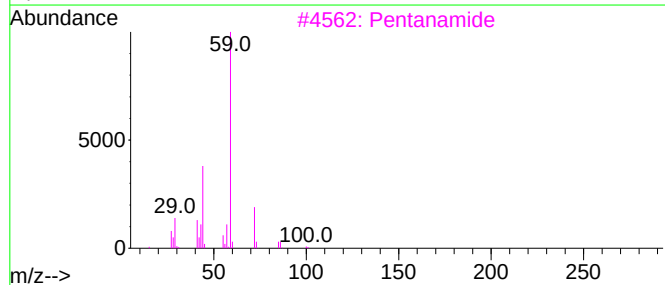
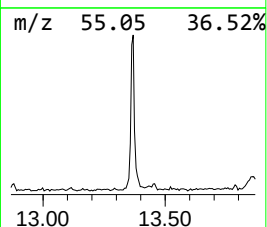
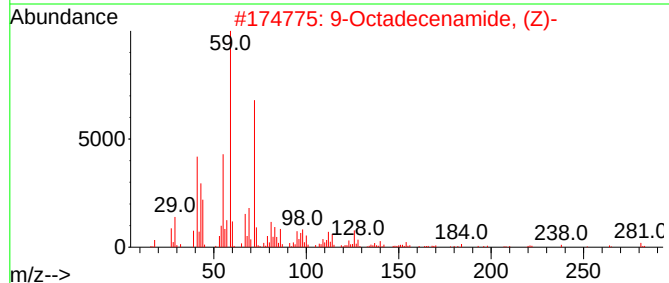
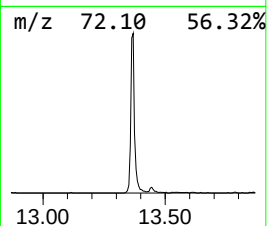
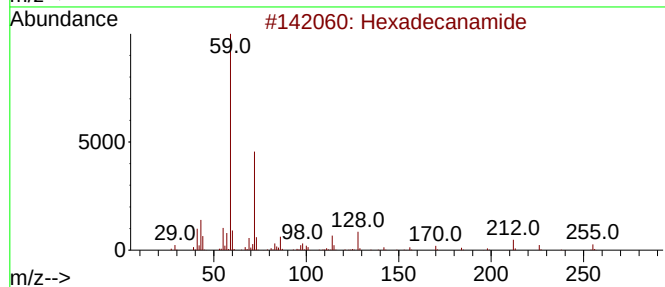
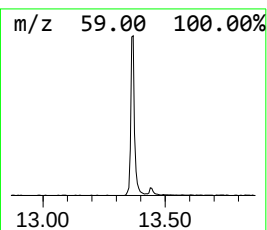
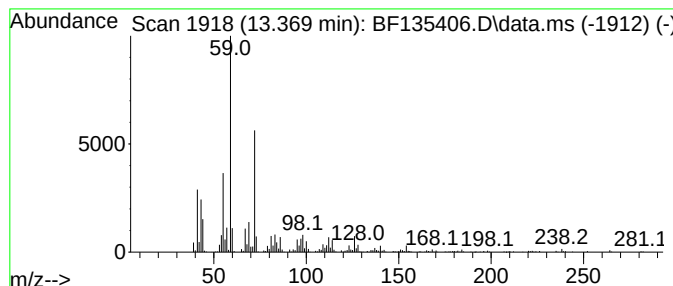
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Peak Number 3 Hexadecanamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.369	16.07 ng	568322	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanamide	255	C16H33NO	000629-54-9	72
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
3			Pentanamide	101	C5H11NO	000626-97-1	64
4			Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
5			Dodecanamide	199	C12H25NO	001120-16-7	53



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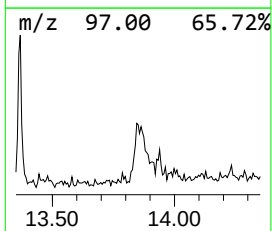
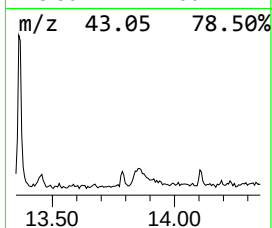
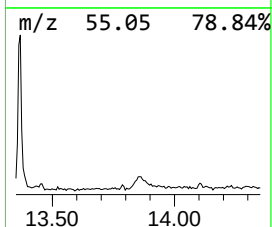
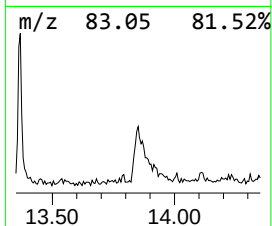
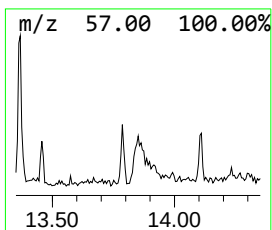
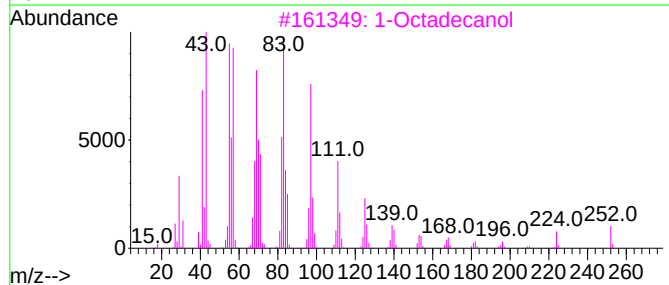
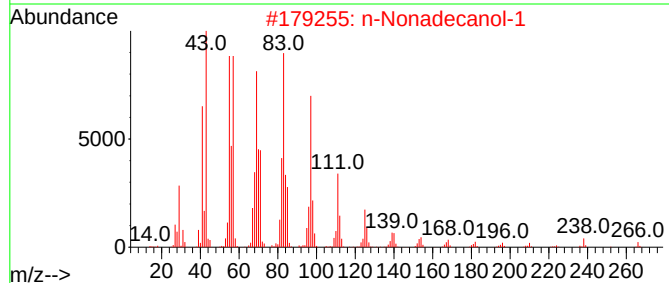
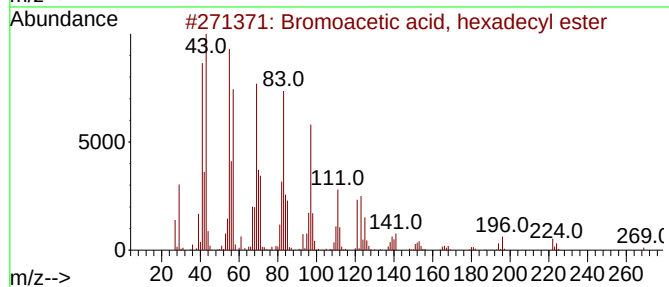
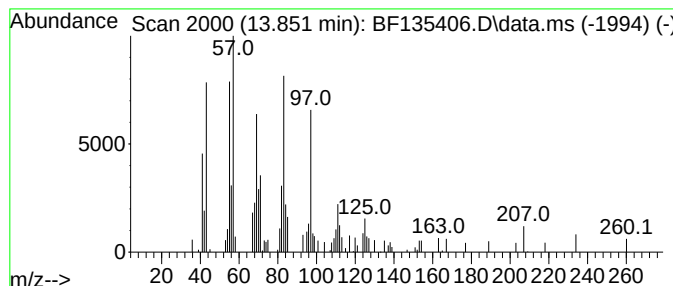
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Peak Number 4 Bromoacetic acid, hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	2.68 ng	94717	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	86
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	83
3			1-Octadecanol	270	C18H38O	000112-92-5	83
4			Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	80
5			Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.822	8.7	ng	504875	4	11.286	1167210	20.0
Octadecanoic acid	12.610	3.8	ng	219303	4	11.286	1167210	20.0
Hexadecanamide	13.369	16.1	ng	568322	5	13.939	707508	20.0
Bromoacetic aci...	13.851	2.7	ng	94717	5	13.939	707508	20.0