

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134808.D
 Acq On : 16 Aug 2023 14:48
 Operator : CG\JU
 Sample : 04022-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134808.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	564	569	572	rBV	2589740	2435221	93.10%	13.281%
2	6.434	734	739	742	rBV	2559928	2370044	90.61%	12.926%
3	6.798	798	801	805	rBV	1041317	833312	31.86%	4.545%
4	7.363	892	897	900	rBV	1692309	1530184	58.50%	8.345%
5	8.081	1015	1019	1022	rBV	1186240	1027800	39.29%	5.605%
6	9.157	1198	1202	1205	rBV	3134711	2615782	100.00%	14.266%
7	9.275	1219	1222	1226	rVB	39563	34398	1.32%	0.188%
8	9.834	1313	1317	1329	rBV	1214356	1000673	38.26%	5.458%
9	10.622	1447	1451	1465	rBV	1372852	1330369	50.86%	7.256%
10	11.322	1567	1570	1574	rBV	918205	851009	32.53%	4.641%
11	11.857	1657	1661	1672	rBV	234357	276303	10.56%	1.507%
12	12.645	1790	1795	1802	rBV2	66122	85571	3.27%	0.467%
13	12.916	1837	1841	1845	rBV	2412527	2303178	88.05%	12.561%
14	13.833	1993	1997	2005	rBV	127275	214213	8.19%	1.168%
15	13.974	2015	2021	2025	rBV	801743	742568	28.39%	4.050%
16	14.745	2149	2152	2158	rBV	172658	191467	7.32%	1.044%
17	15.451	2267	2272	2279	rBV	357497	493639	18.87%	2.692%

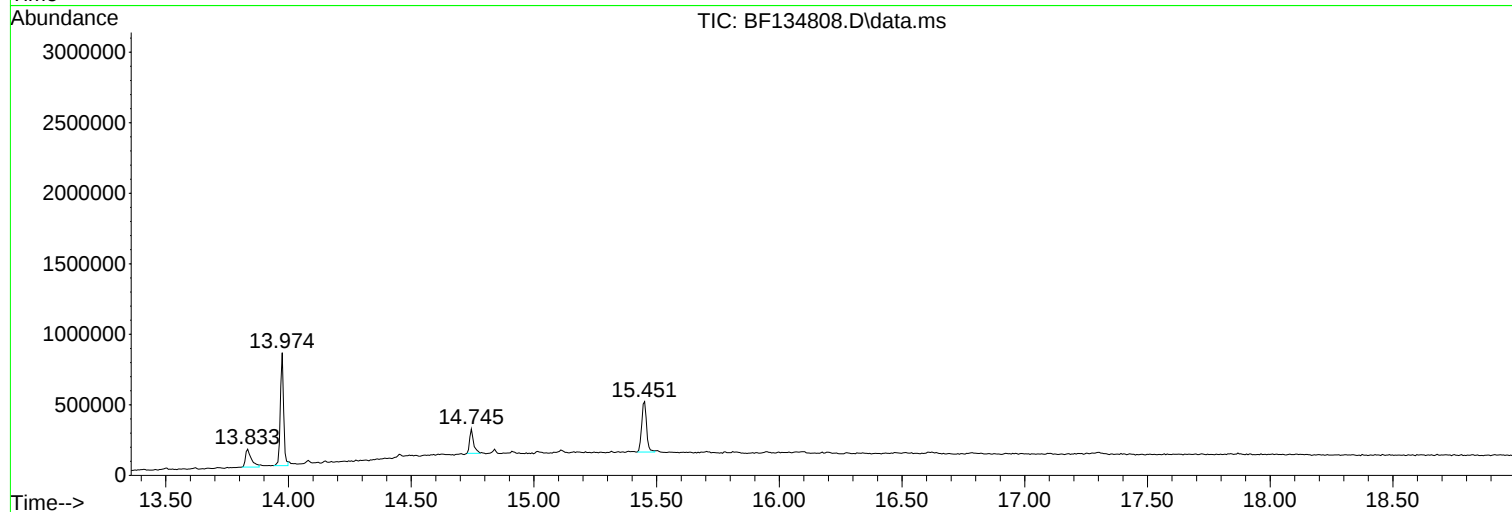
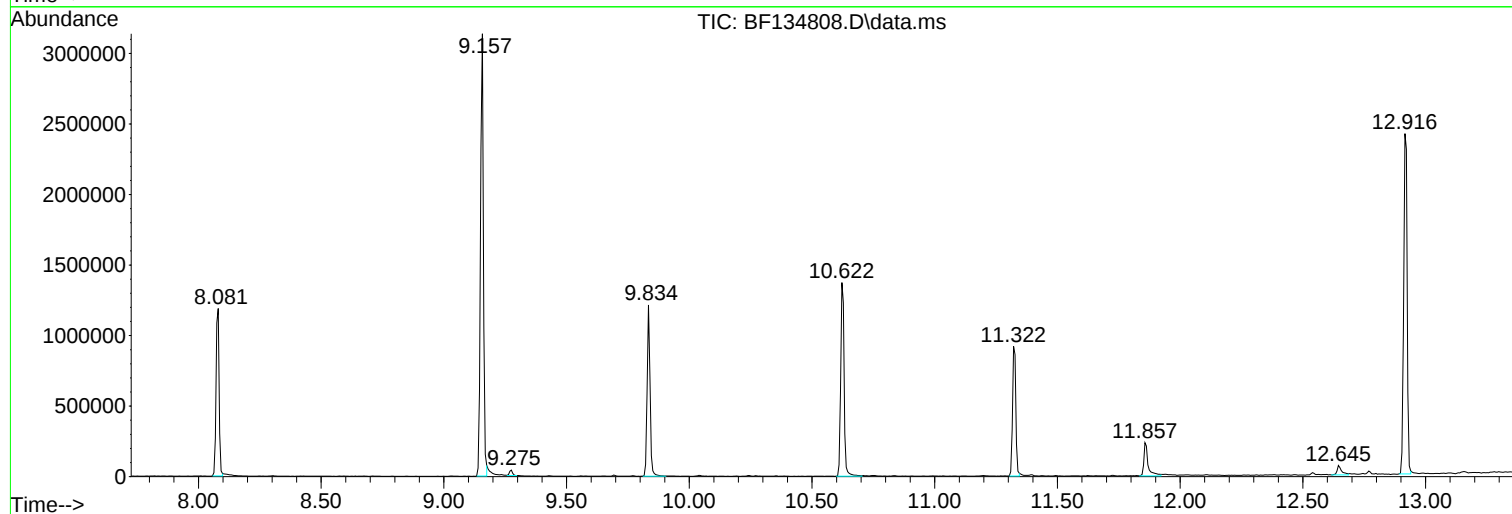
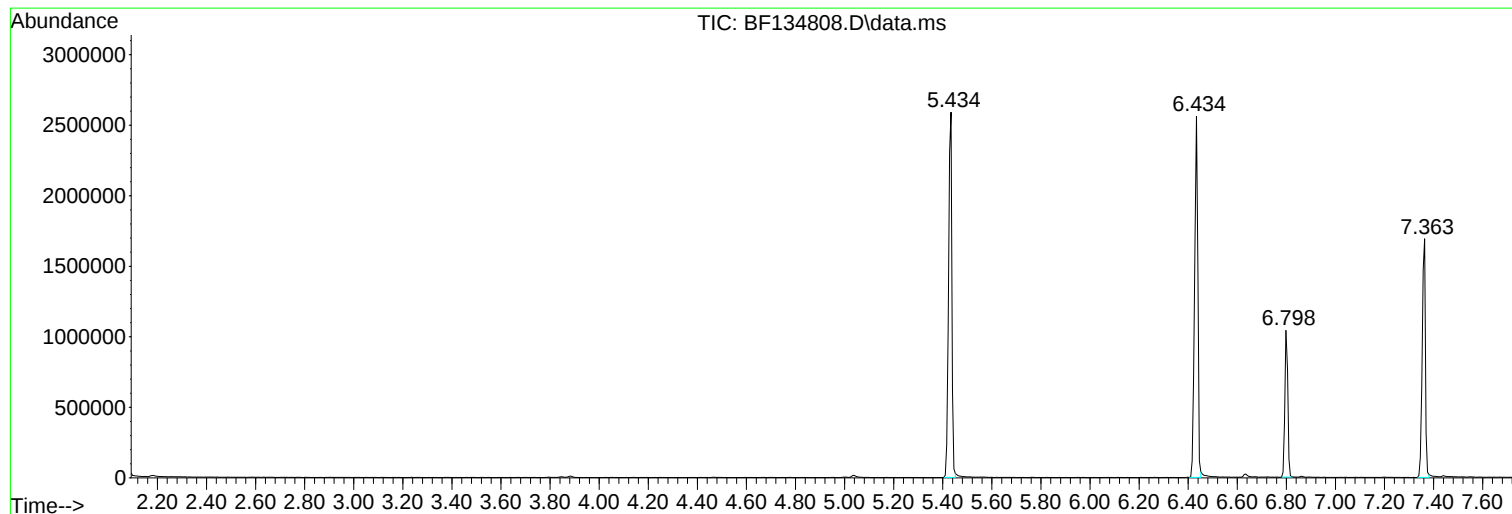
Sum of corrected areas: 18335731

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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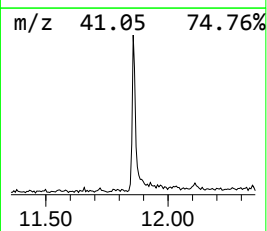
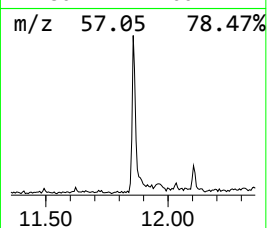
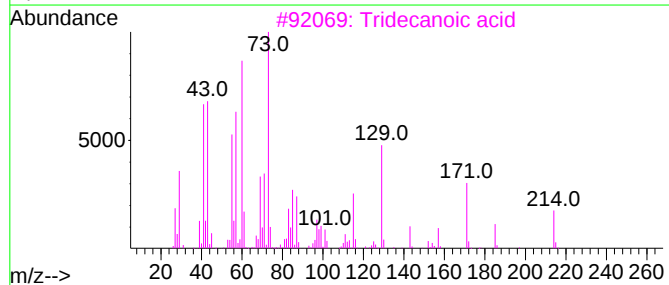
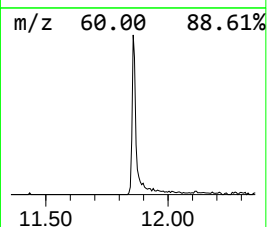
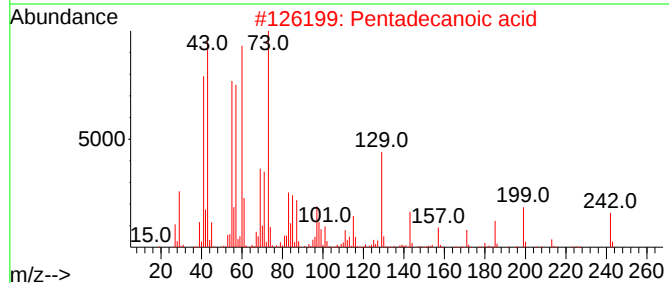
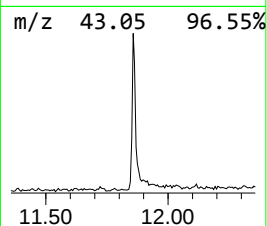
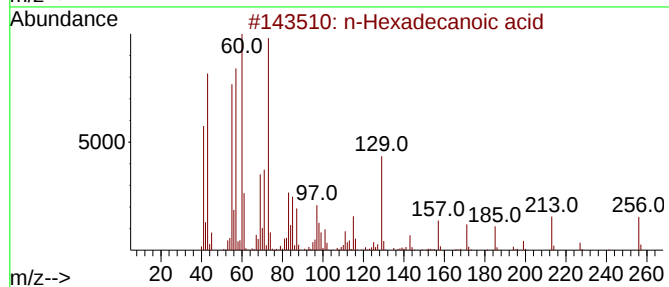
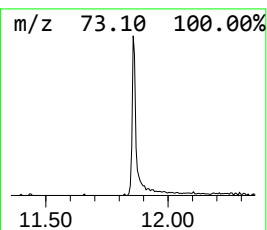
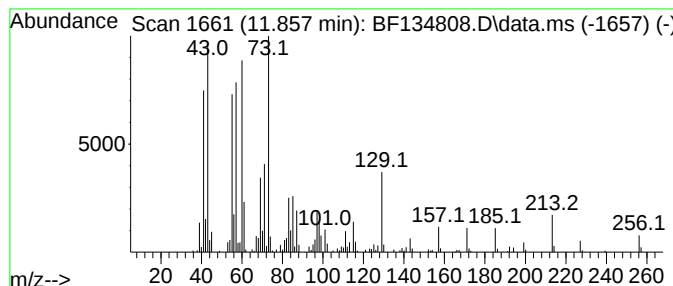
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.857	6.49 ng	276303	Phenanthrene-d10	11.322

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	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78



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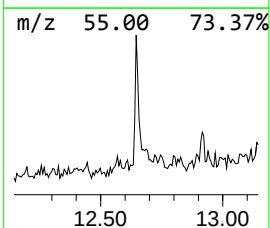
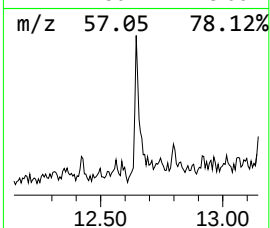
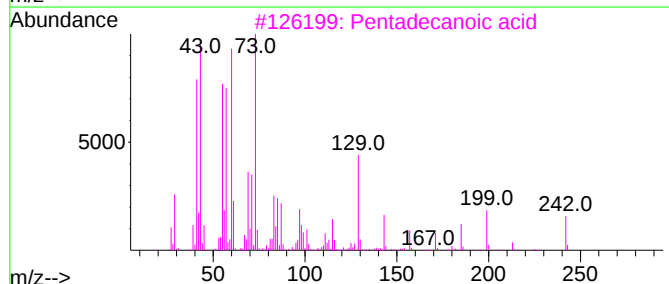
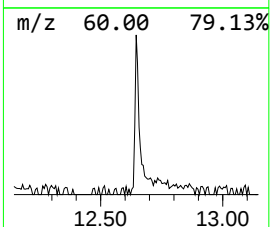
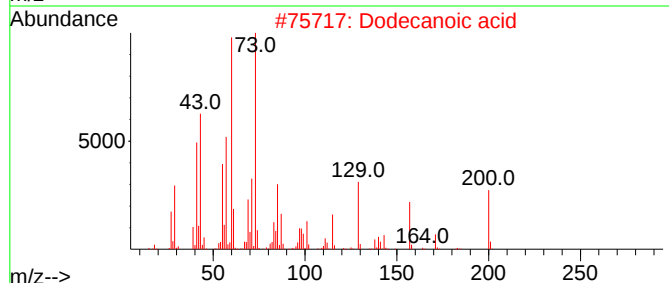
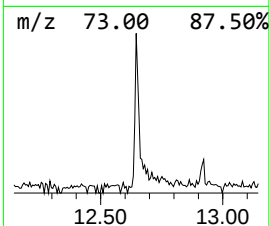
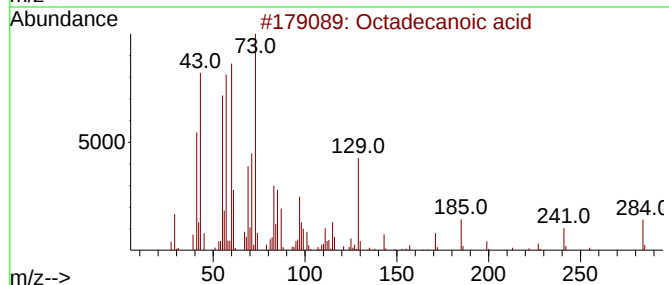
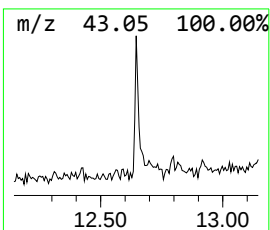
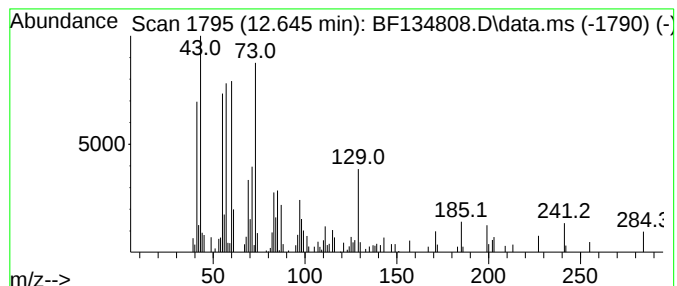
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.01 ng	85571	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Dodecanoic acid	200	C12H24O2	000143-07-7	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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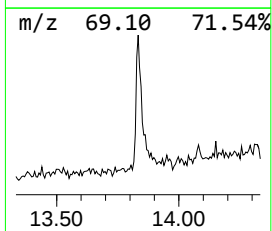
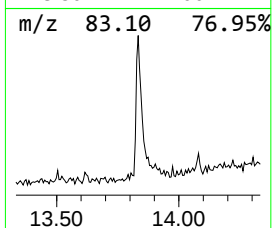
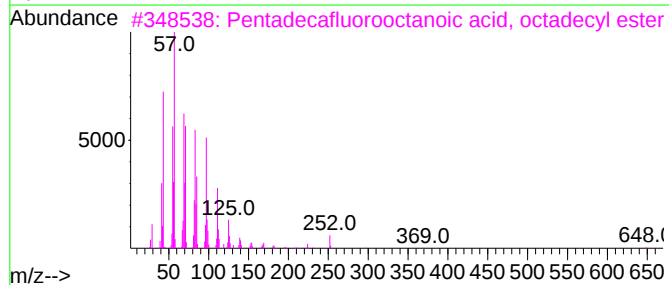
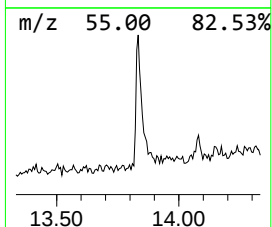
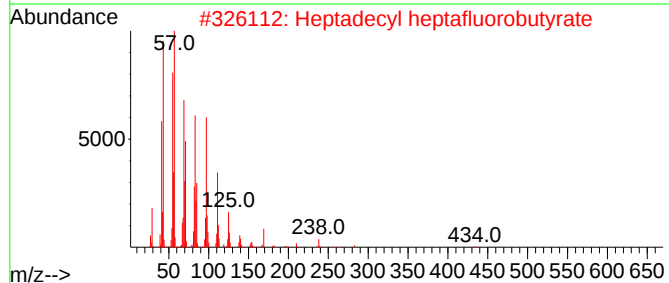
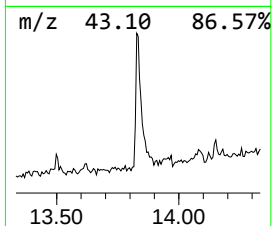
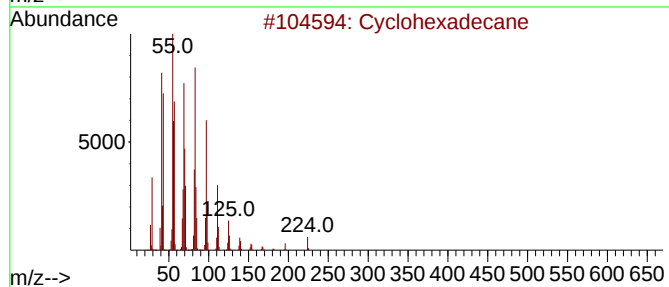
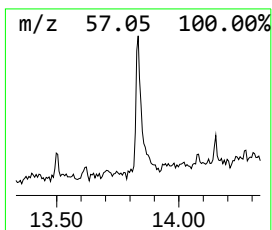
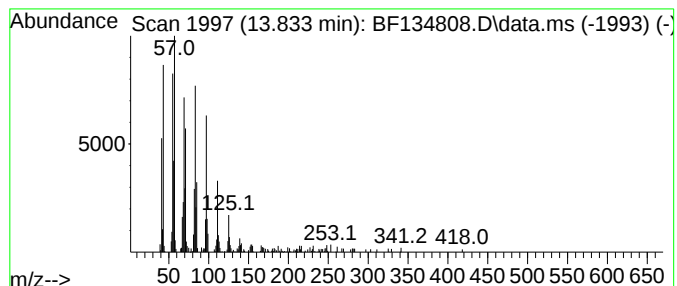
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Peak Number 3 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	5.77 ng	214213	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91



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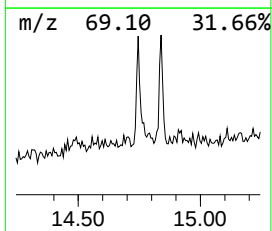
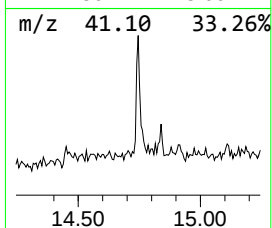
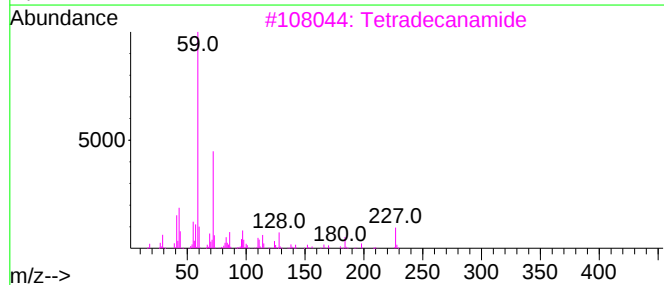
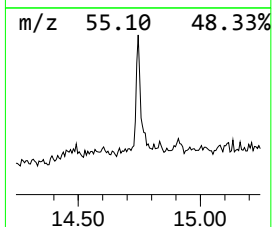
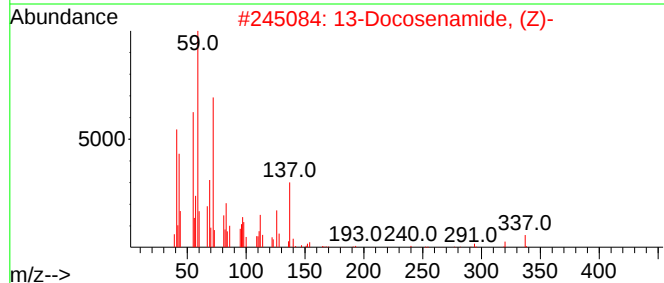
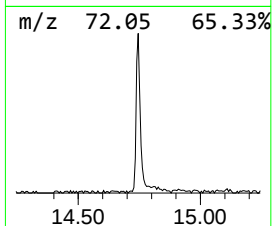
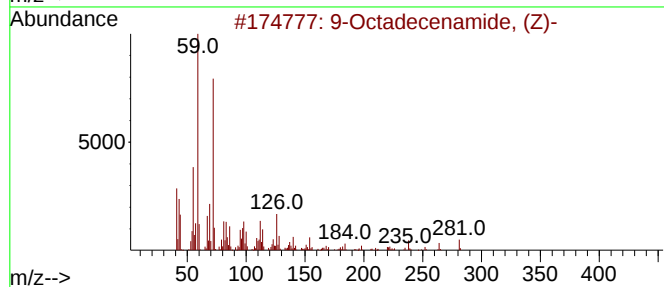
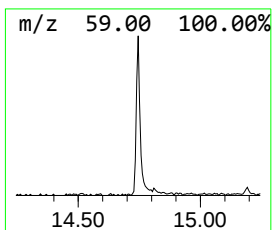
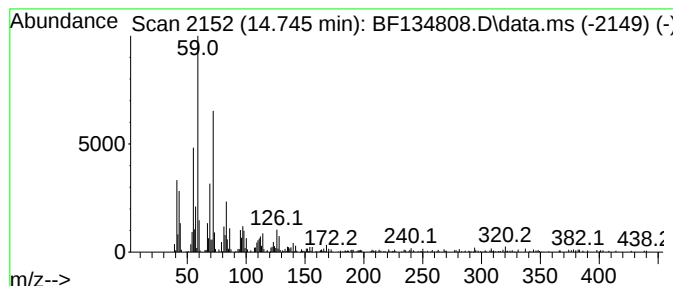
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	7.76 ng	191467	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
3			Tetradecanamide	227	C14H29NO	000638-58-4	64
4			Palmitoleamide	253	C16H31NO	106010-22-4	64
5			Decanamide-	171	C10H21NO	002319-29-1	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.857	6.5	ng	276303	4	11.322	851009	20.0
Octadecanoic acid	12.645	2.0	ng	85571	4	11.322	851009	20.0
Cyclohexadecane	13.833	5.8	ng	214213	5	13.974	742568	20.0
9-Octadecenamid...	14.745	7.8	ng	191467	6	15.451	493639	20.0