

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142381.D
 Acq On : 14 May 2025 22:32
 Operator : RC/JU
 Sample : Q2017-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

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-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142381.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	487	495	505	rBV	169763	248382	8.23%	1.041%
2	5.504	557	563	568	rBV	1618924	2092499	69.34%	8.768%
3	6.510	728	734	740	rBV	1704006	2349251	77.84%	9.844%
4	6.898	795	800	805	rBV	915326	1103236	36.56%	4.623%
5	7.457	889	895	900	rBV	1129168	1432492	47.47%	6.003%
6	7.710	933	938	945	rBV	51924	67081	2.22%	0.281%
7	8.181	1012	1018	1023	rBV	1208064	1516876	50.26%	6.356%
8	8.398	1050	1055	1061	rVB2	22106	30858	1.02%	0.129%
9	9.257	1195	1201	1206	rBV	2369790	3017909	100.00%	12.646%
10	9.939	1311	1317	1322	rBV	1400739	1827265	60.55%	7.657%
11	10.645	1432	1437	1445	rBV	322066	410132	13.59%	1.719%
12	10.722	1445	1450	1464	rVV	1415231	1778815	58.94%	7.454%
13	10.957	1482	1490	1494	rBV	23519	32048	1.06%	0.134%
14	11.422	1564	1569	1575	rBV	1497614	1889738	62.62%	7.919%
15	11.945	1652	1658	1673	rBV2	174040	300046	9.94%	1.257%
16	12.828	1804	1808	1812	rBV3	23062	30838	1.02%	0.129%
17	13.010	1833	1839	1844	rBV	2172254	2732813	90.55%	11.452%
18	13.486	1914	1920	1927	rBV	246674	380083	12.59%	1.593%
19	13.904	1986	1991	2012	rBV	46455	112053	3.71%	0.470%
20	14.063	2012	2018	2029	rVB	1065778	1355738	44.92%	5.681%
21	15.551	2265	2271	2283	rVB	746744	1156045	38.31%	4.844%

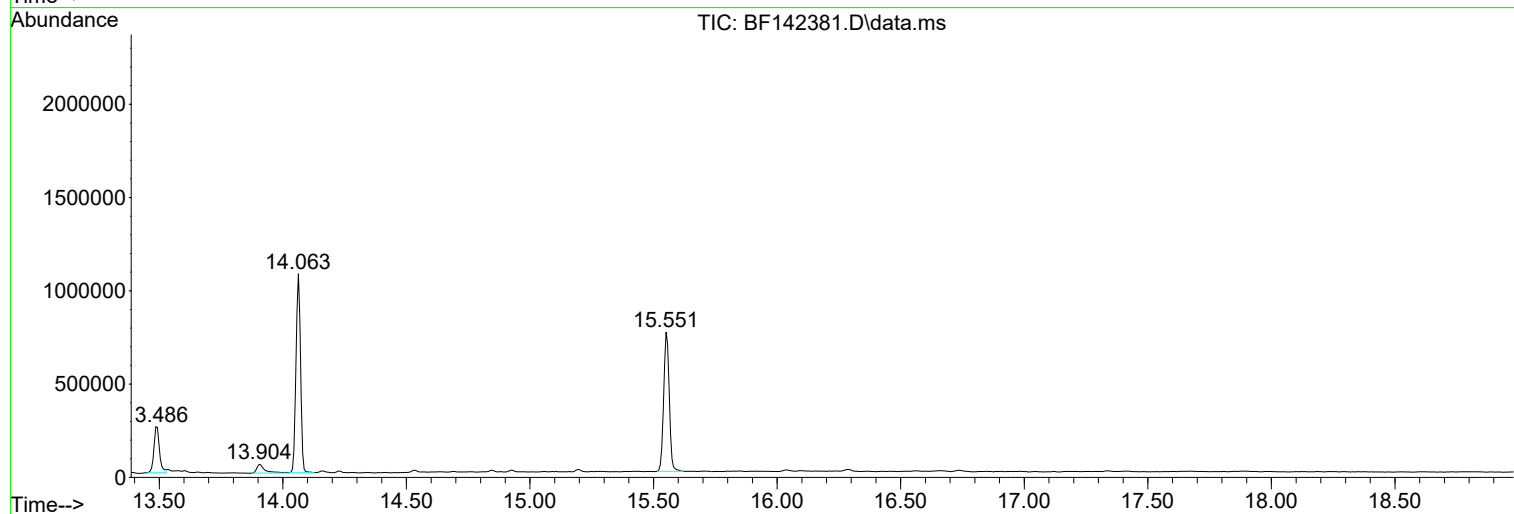
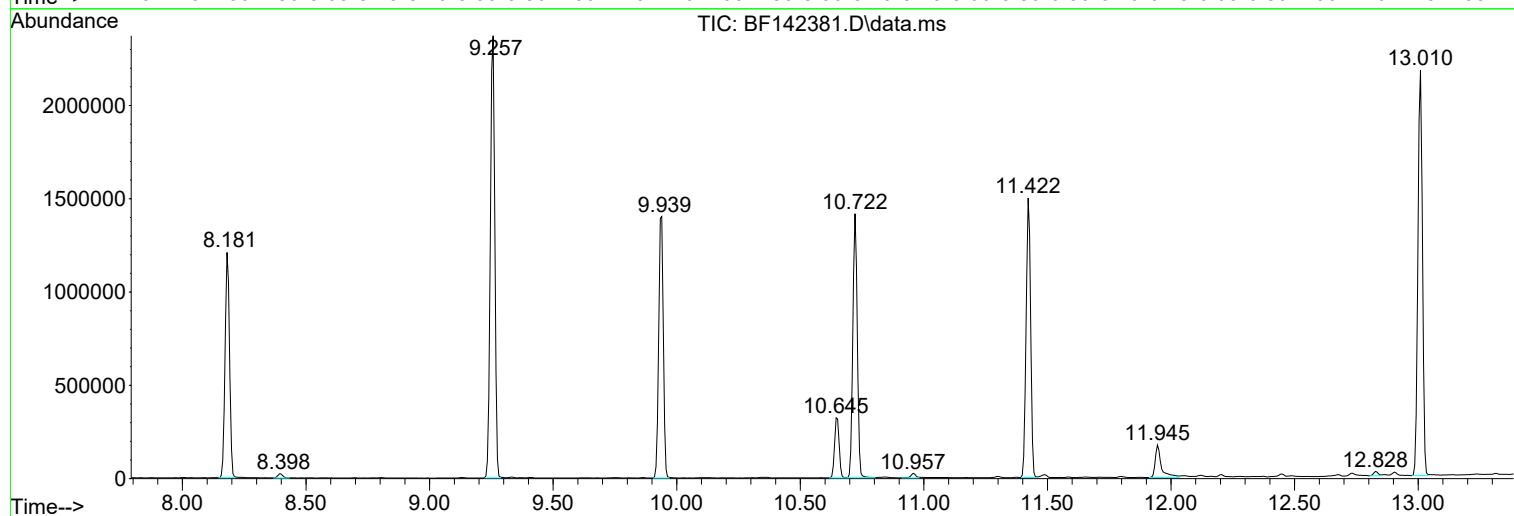
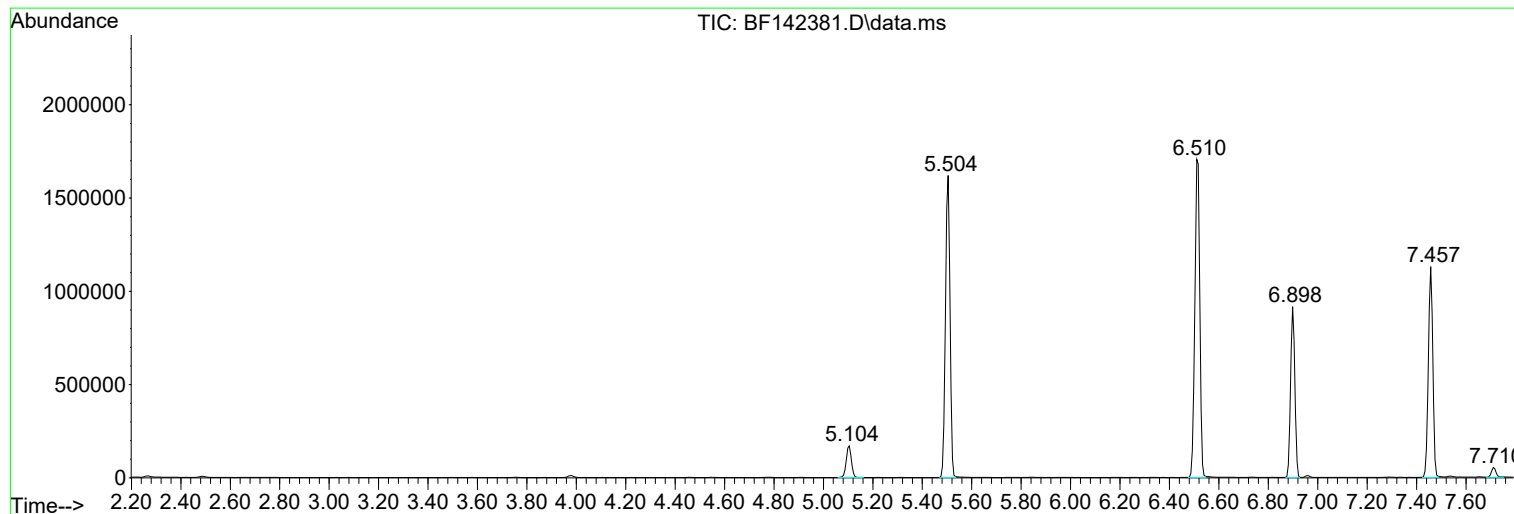
Sum of corrected areas: 23864198

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



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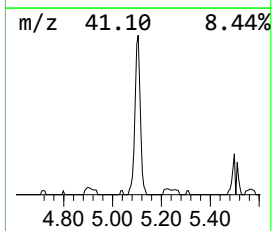
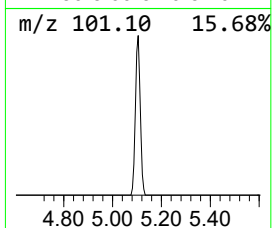
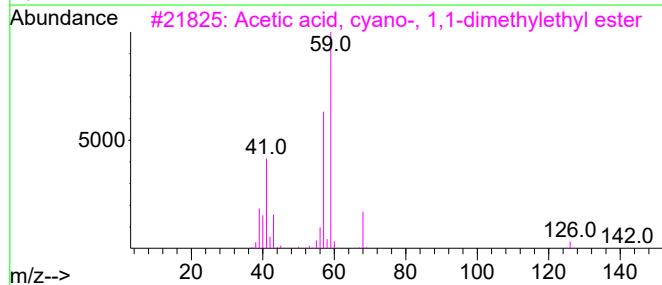
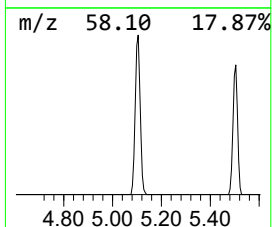
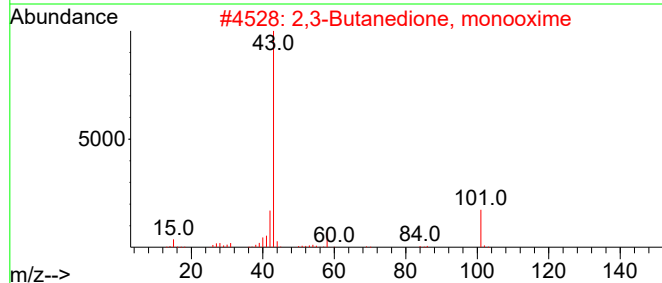
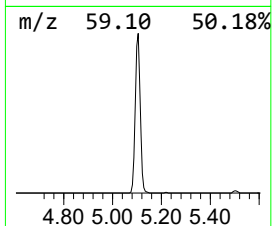
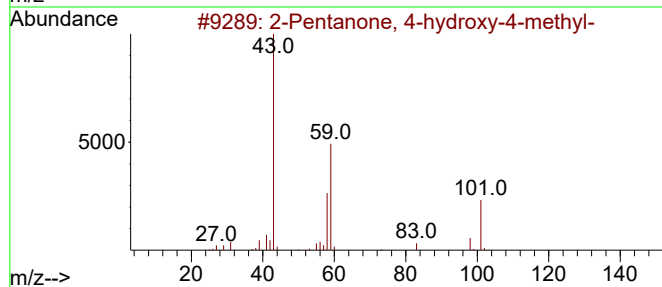
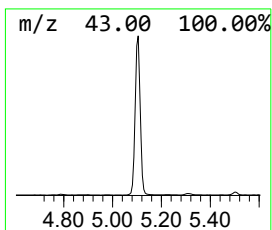
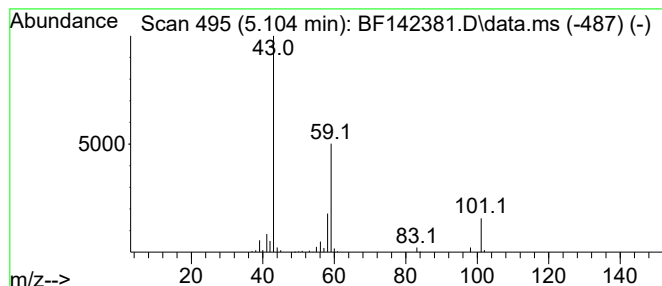
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	4.50 ng	248382	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23		
5	Acetone	58	C3H6O	000067-64-1	12		



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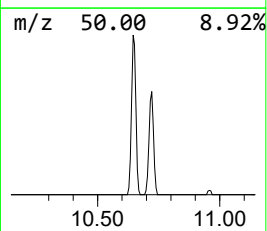
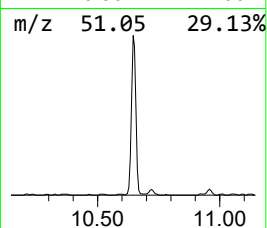
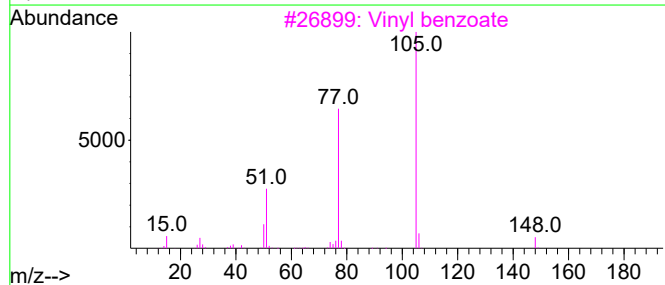
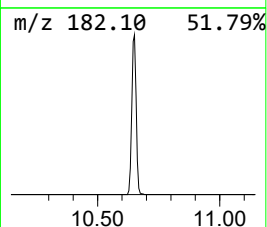
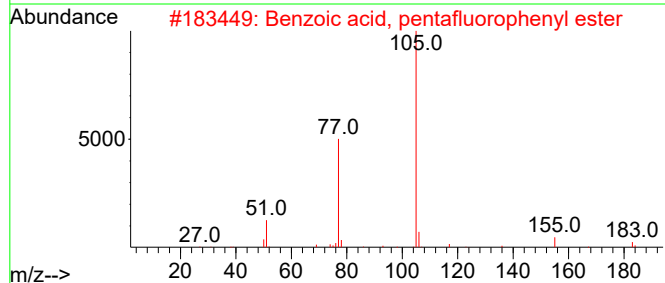
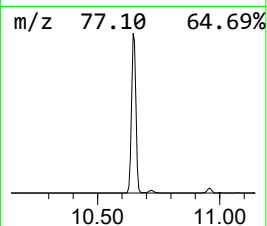
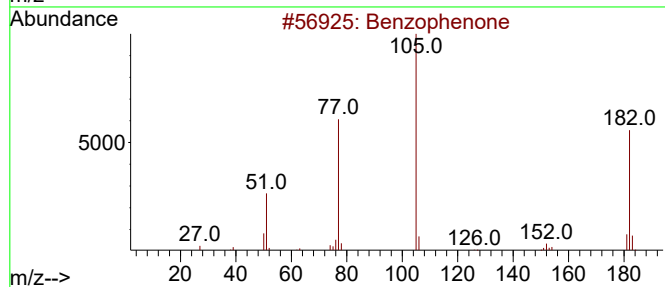
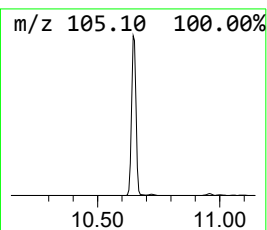
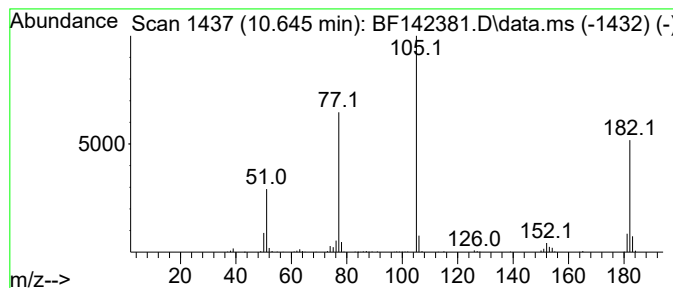
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.49 ng	410132	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
5			Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	47



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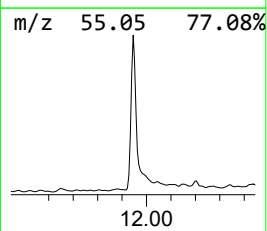
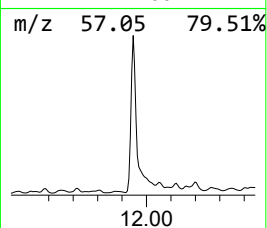
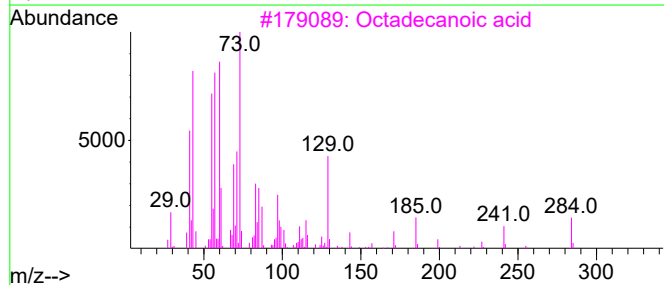
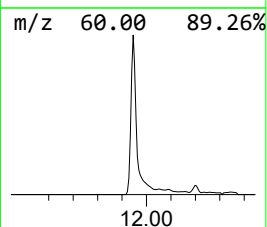
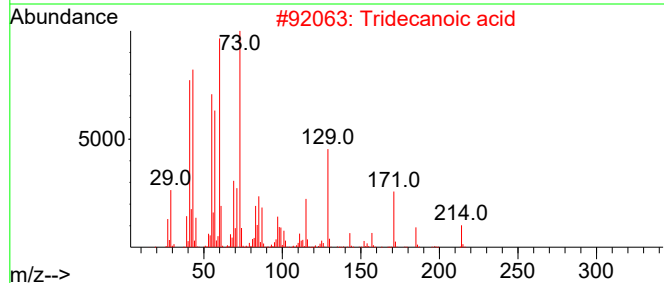
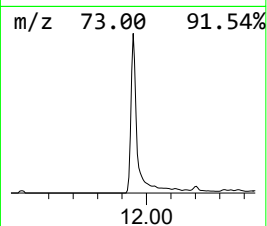
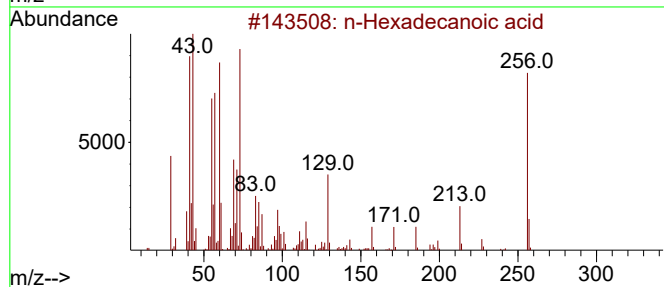
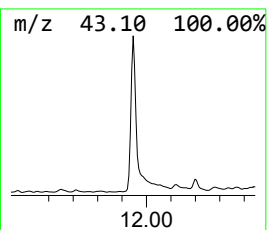
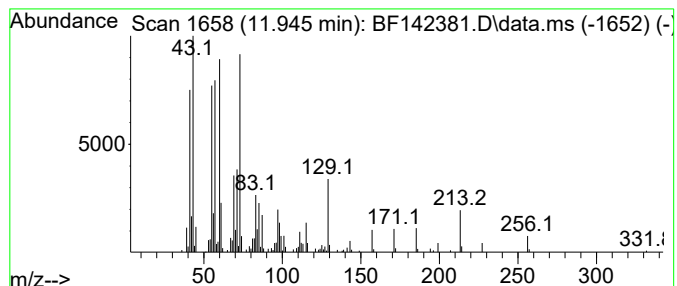
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.18 ng	300046	Phenanthrene-d10	11.422

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	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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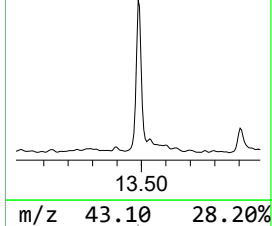
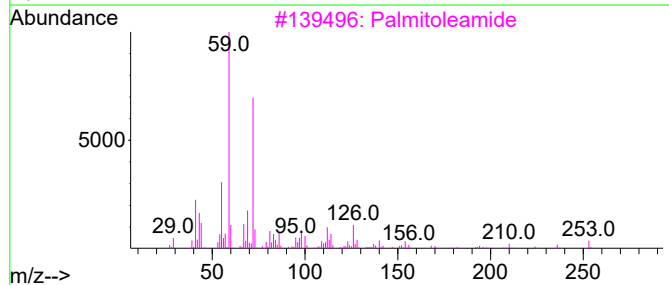
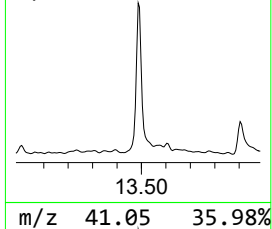
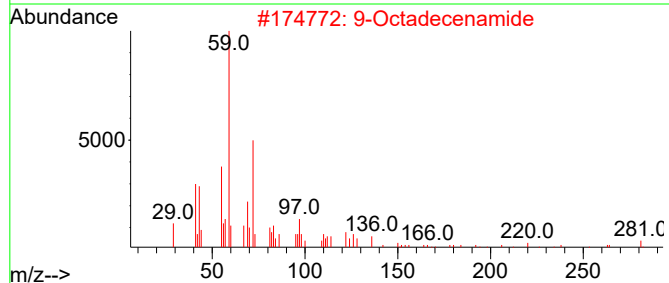
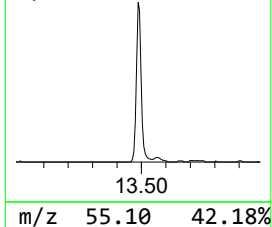
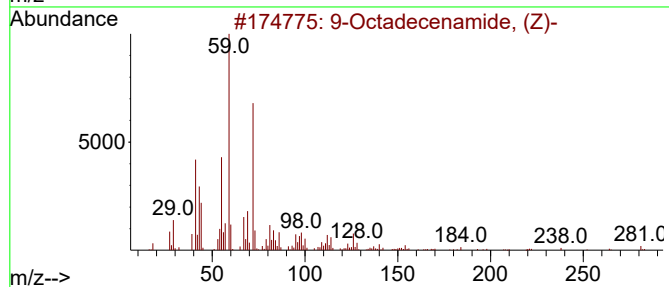
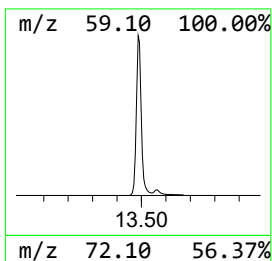
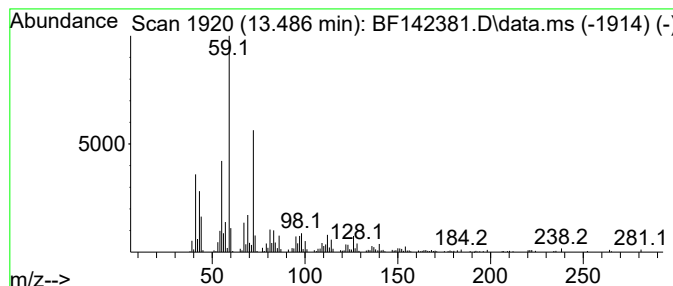
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.486	5.61 ng	380083	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	98
2	9-Octadecenamide		281	C18H35NO	003322-62-1	78
3	Palmitoleamide		253	C16H31NO	106010-22-4	78
4	Hexadecanamide		255	C16H33NO	000629-54-9	78
5	7-Nonenamide		155	C9H17NO	090949-53-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.104	4.5	ng	248382	1	6.898	1103240	20.0
Benzophenone	10.645	4.5	ng	410132	3	9.939	1827270	20.0
n-Hexadecanoic ...	11.945	3.2	ng	300046	4	11.422	1889740	20.0
9-Octadecenamid...	13.486	5.6	ng	380083	5	14.063	1355740	20.0