

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134440.D
 Acq On : 24 Jul 2023 21:11
 Operator : CG\JU
 Sample : 03683-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-TURNPIKE

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.404	222	224	233	rBV	20251	48667	2.77%	0.509%
2	3.922	307	312	320	rVB	57291	77887	4.43%	0.814%
3	5.069	503	507	515	rBV2	17252	22677	1.29%	0.237%
4	5.469	571	575	594	rBV	605257	632302	35.94%	6.612%
5	6.469	742	745	758	rBV	399438	369712	21.01%	3.866%
6	6.834	804	807	815	rBV	383991	315165	17.91%	3.295%
7	7.398	899	903	906	rBV	1187052	960752	54.60%	10.046%
8	8.110	1021	1024	1033	rBV	485738	396214	22.52%	4.143%
9	9.186	1203	1207	1211	rBV	1992295	1759505	100.00%	18.398%
10	9.869	1320	1323	1326	rBV	554769	428291	24.34%	4.478%
11	9.904	1326	1329	1332	rVB	63991	57473	3.27%	0.601%
12	10.663	1454	1458	1469	rBV	1369958	1199446	68.17%	12.542%
13	11.363	1574	1577	1580	rBV	530545	464068	26.37%	4.852%
14	11.386	1580	1581	1584	rVB	29347	20694	1.18%	0.216%
15	11.604	1614	1618	1623	rBV	68399	74786	4.25%	0.782%
16	11.892	1664	1667	1671	rBV2	106446	115175	6.55%	1.204%
17	12.586	1783	1785	1792	rVB	18416	20338	1.16%	0.213%
18	12.686	1799	1802	1809	rBV	49074	61610	3.50%	0.644%
19	12.963	1844	1849	1852	rBV	2002750	1736855	98.71%	18.161%
20	13.910	2007	2010	2016	rBV3	23005	43030	2.45%	0.450%
21	14.027	2026	2030	2037	rVB	434731	405691	23.06%	4.242%
22	15.527	2280	2285	2291	rBV	253078	353270	20.08%	3.694%

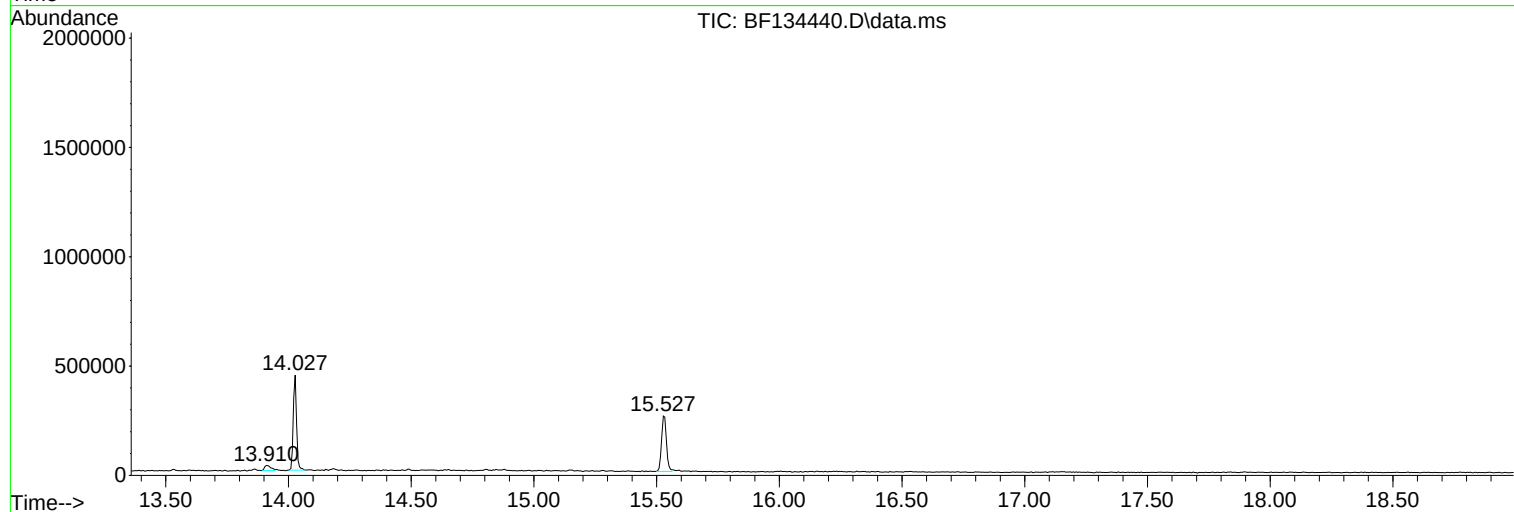
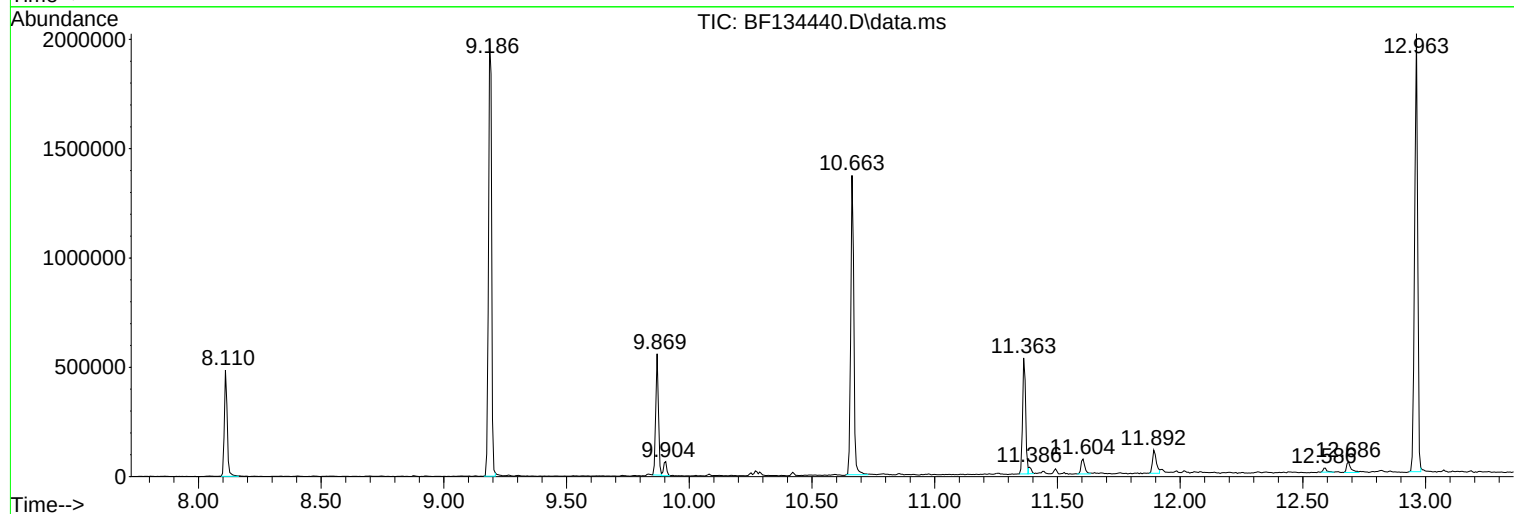
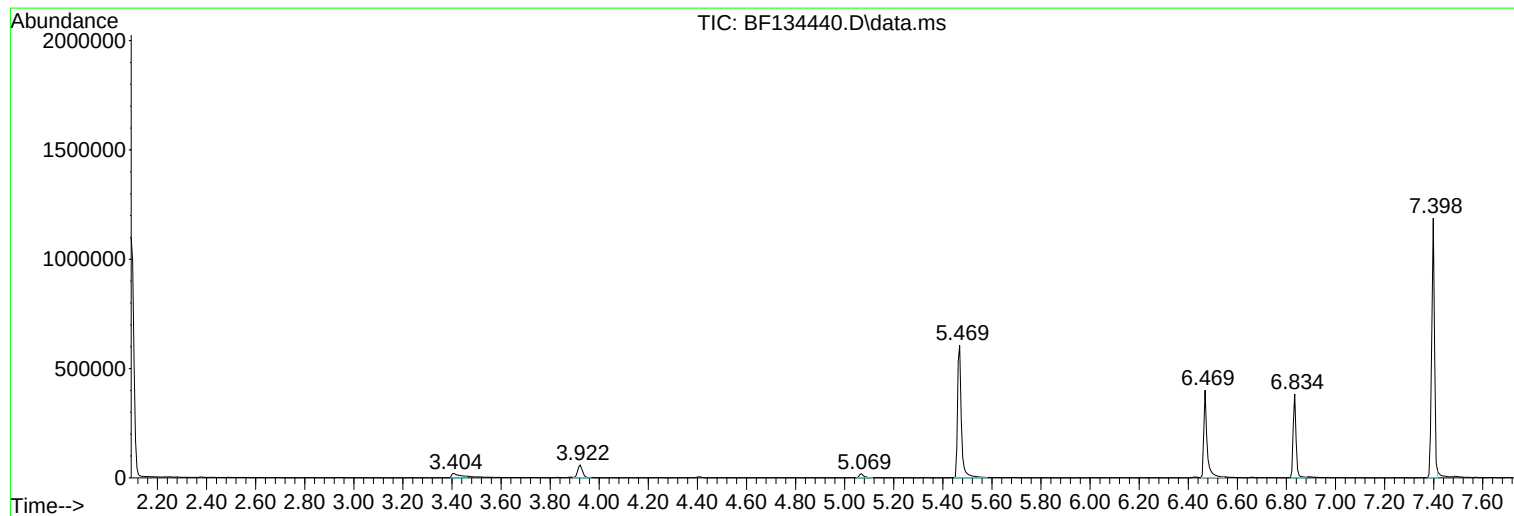
Sum of corrected areas: 9563608

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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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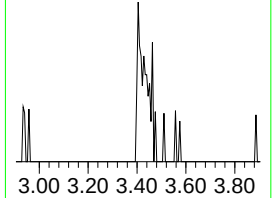
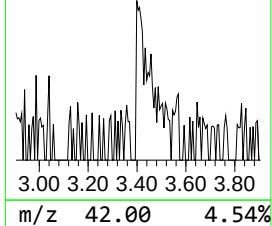
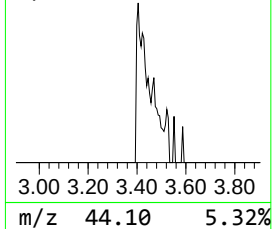
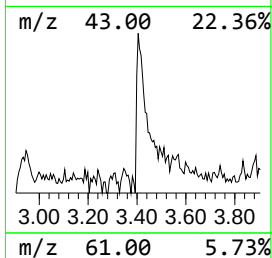
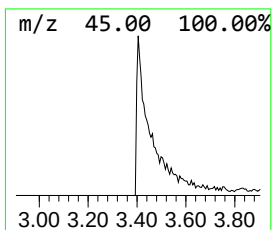
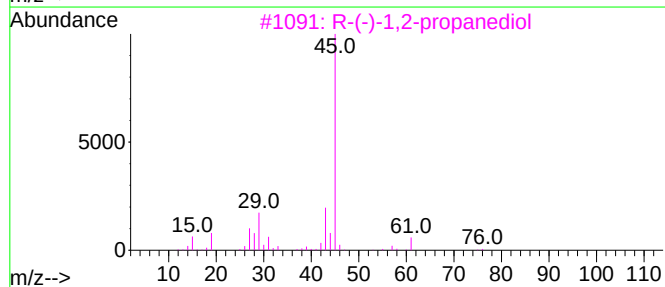
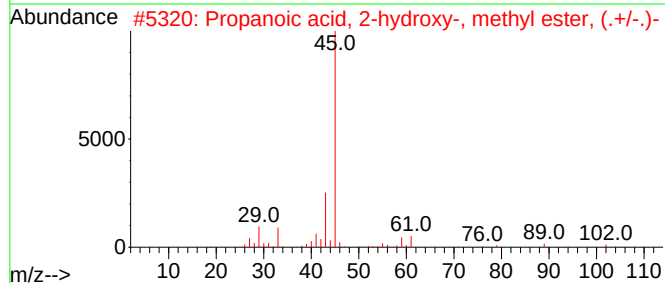
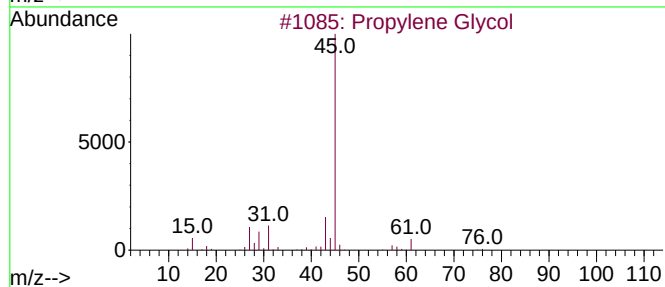
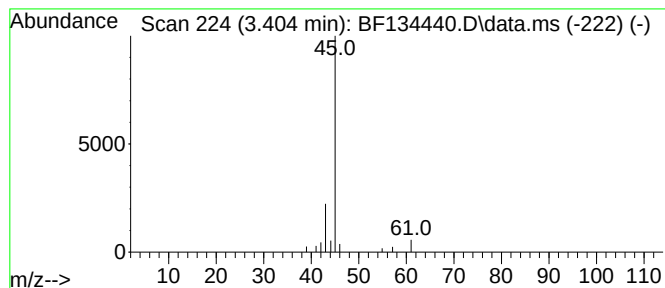
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.404 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.404	3.09 ng	48667	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	9
2			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
3			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Formamide	45	CH3NO	000075-12-7	5



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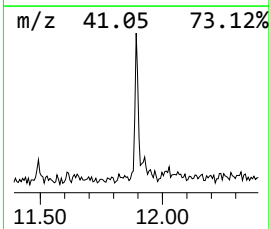
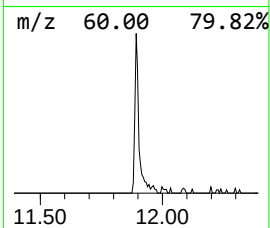
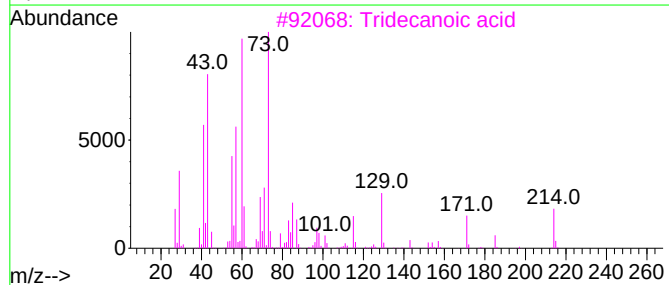
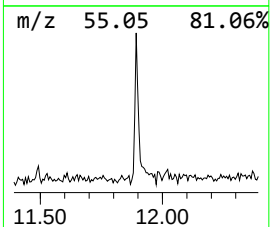
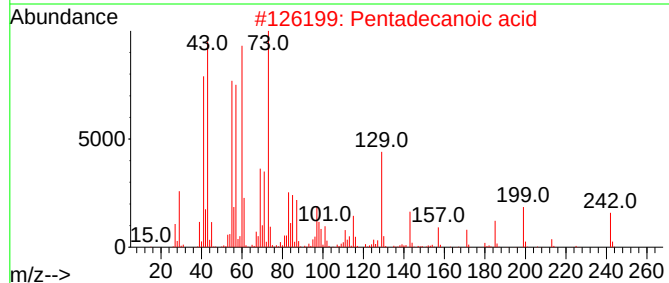
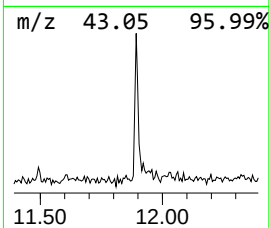
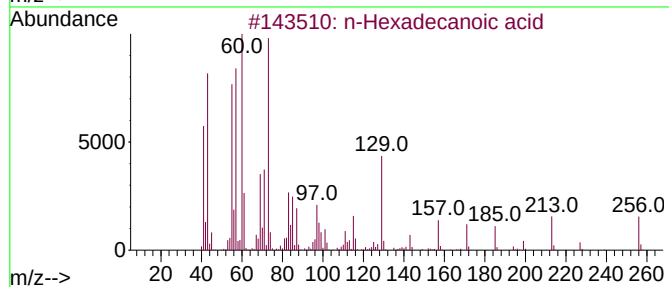
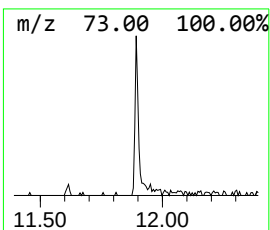
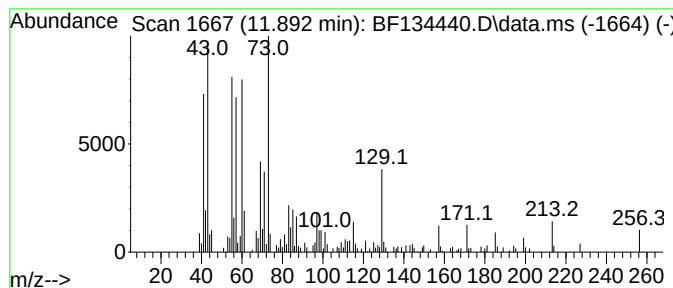
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.96 ng	115175	Phenanthrene-d10	11.363

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	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Dodecanoic acid	200	C12H24O2	000143-07-7	70



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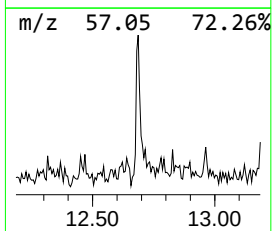
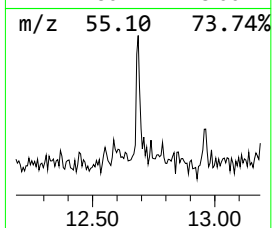
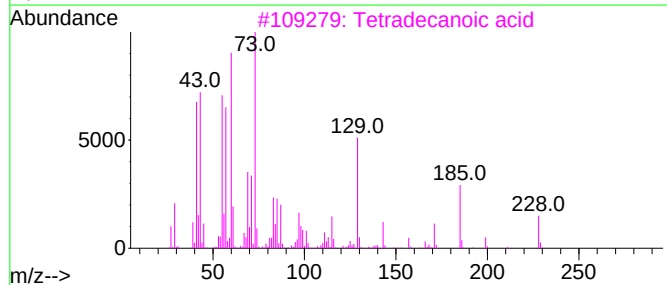
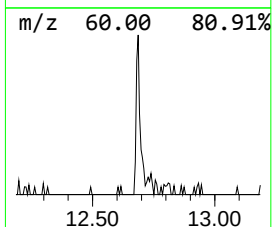
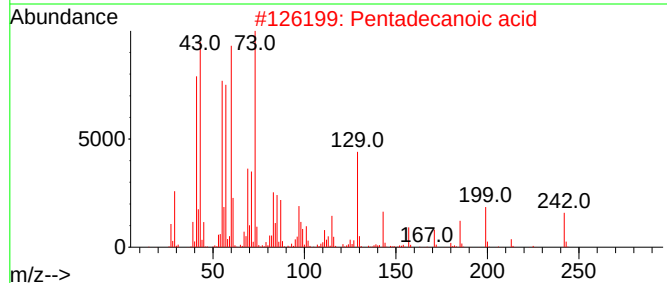
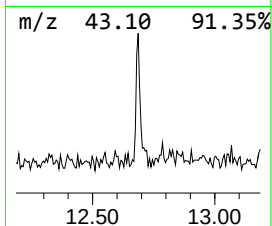
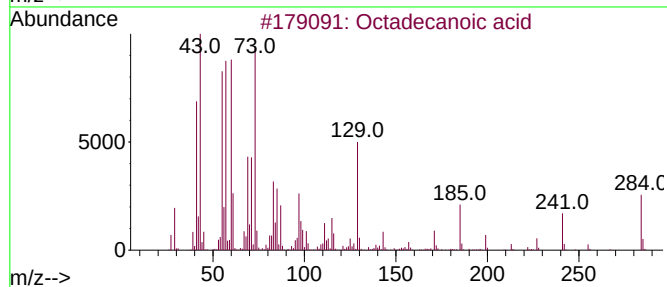
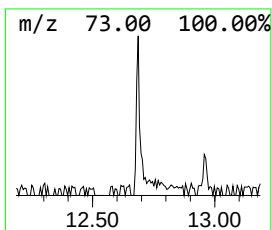
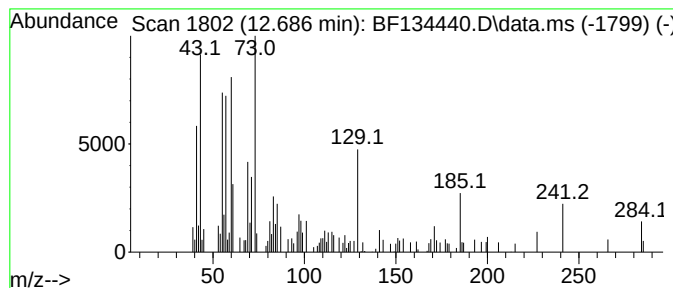
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	2.66 ng	61610	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	89
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Dodecanoic acid	200	C12H24O2	000143-07-7	62
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



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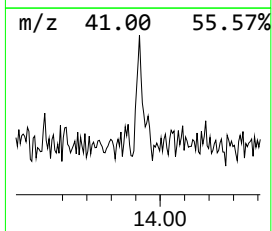
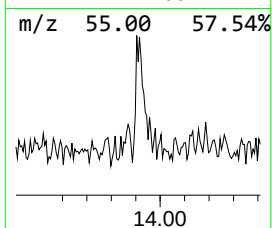
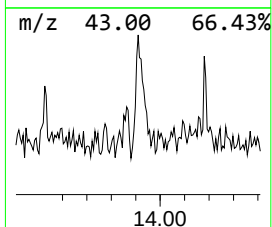
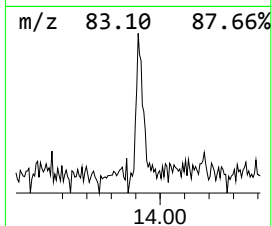
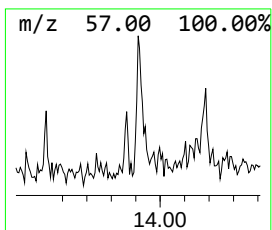
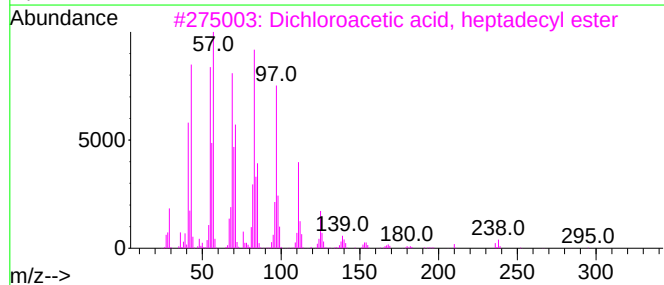
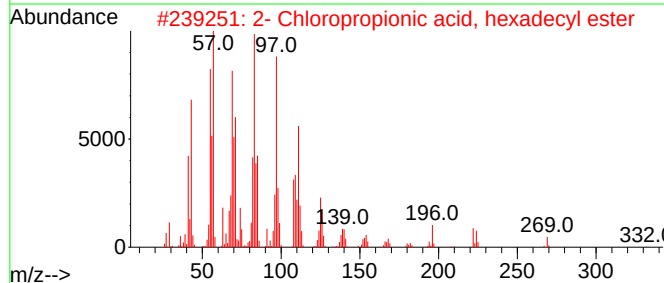
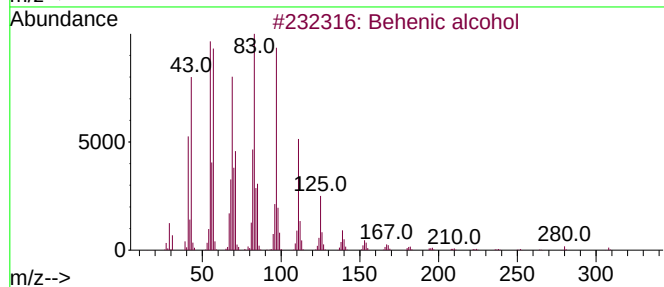
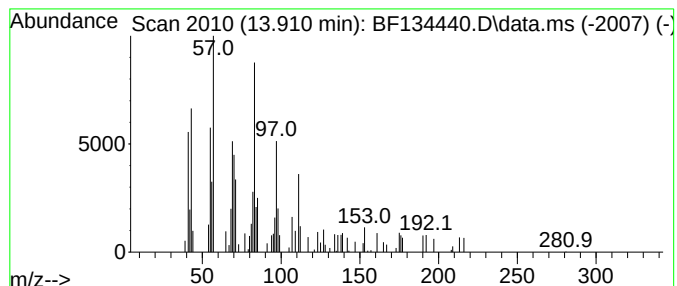
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.12 ng	43030	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	64
2			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	62
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	62
4			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	62
5			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic ...	11.892	5.0	ng	115175	4	11.363	464068	20.0
Octadecanoic acid	12.686	2.7	ng	61610	4	11.363	464068	20.0
Behenic alcohol	13.910	2.1	ng	43030	5	14.027	405691	20.0