

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050104.D
 Acq On : 05 May 2025 18:18
 Operator : RC/JU
 Sample : Q1936-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SMALL-PILE-B

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_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050104.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	328	rBV	285519	411982	4.15%	0.811%
2	5.340	394	400	421	rBV	2442580	3845674	38.76%	7.567%
3	6.934	659	671	692	rBV	2148549	4035881	40.68%	7.941%
4	7.746	802	809	823	rBV	942259	1548707	15.61%	3.047%
5	8.904	996	1006	1033	rBV	1336555	2589442	26.10%	5.095%
6	10.539	1274	1284	1297	rBV	1004099	1973889	19.89%	3.884%
7	13.010	1697	1704	1724	rBV	4216388	6599992	66.52%	12.986%
8	14.392	1932	1939	1955	rBV	1700364	2730733	27.52%	5.373%
9	15.757	2164	2171	2184	rBV	537231	861533	8.68%	1.695%
10	15.892	2187	2194	2214	rBV	3166052	5095563	51.36%	10.026%
11	17.145	2400	2407	2422	rBV2	1833040	3069039	30.93%	6.039%
12	18.039	2553	2559	2568	rBV	563021	936203	9.44%	1.842%
13	19.321	2773	2777	2788	rBV	182166	341131	3.44%	0.671%
14	19.768	2847	2853	2867	rBV	8256690	9921614	100.00%	19.522%
15	21.051	3068	3071	3083	rVB2	275007	412721	4.16%	0.812%
16	21.386	3122	3128	3141	rBV	2064603	3263622	32.89%	6.421%
17	24.374	3629	3636	3649	rVB	1276124	3185936	32.11%	6.269%

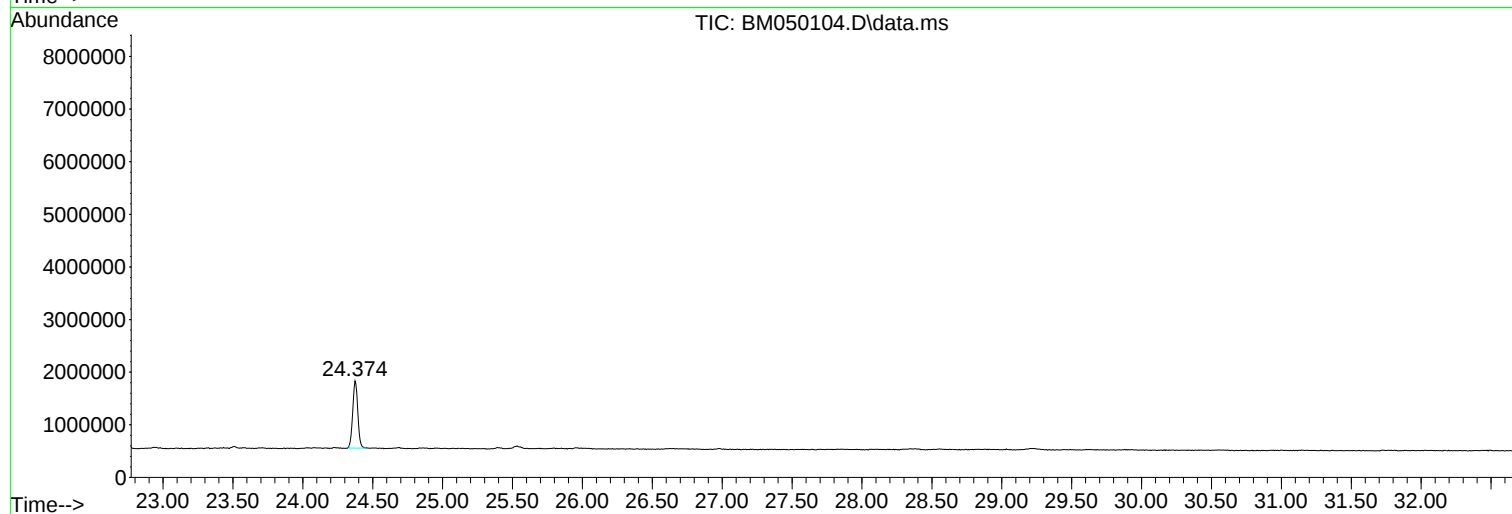
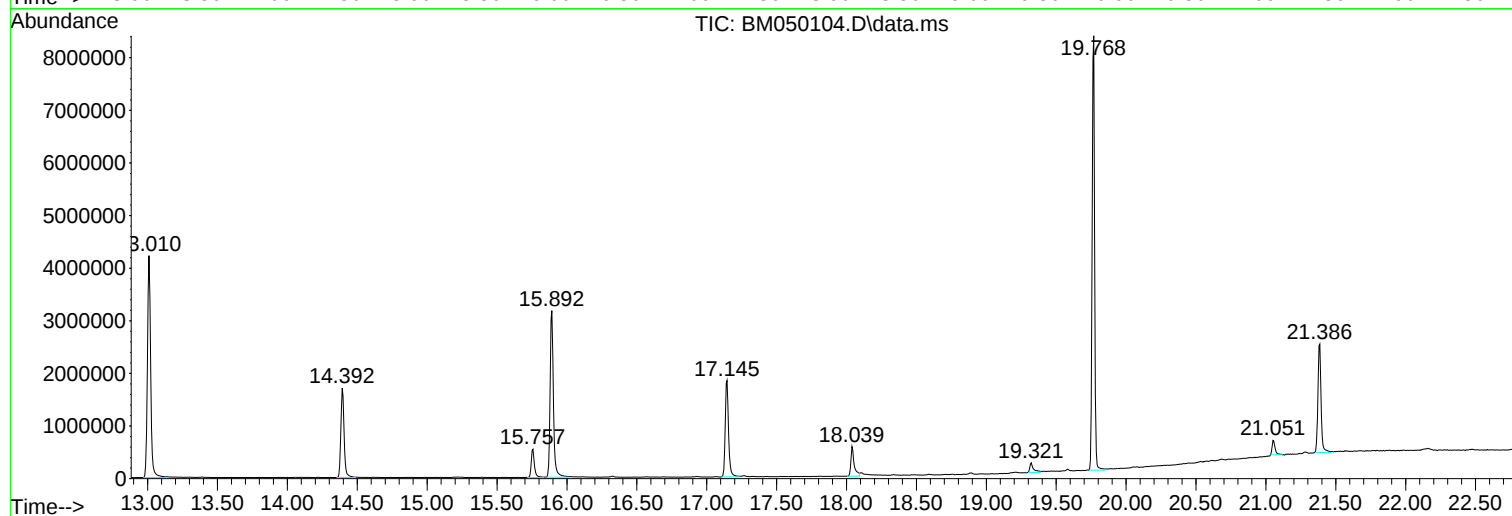
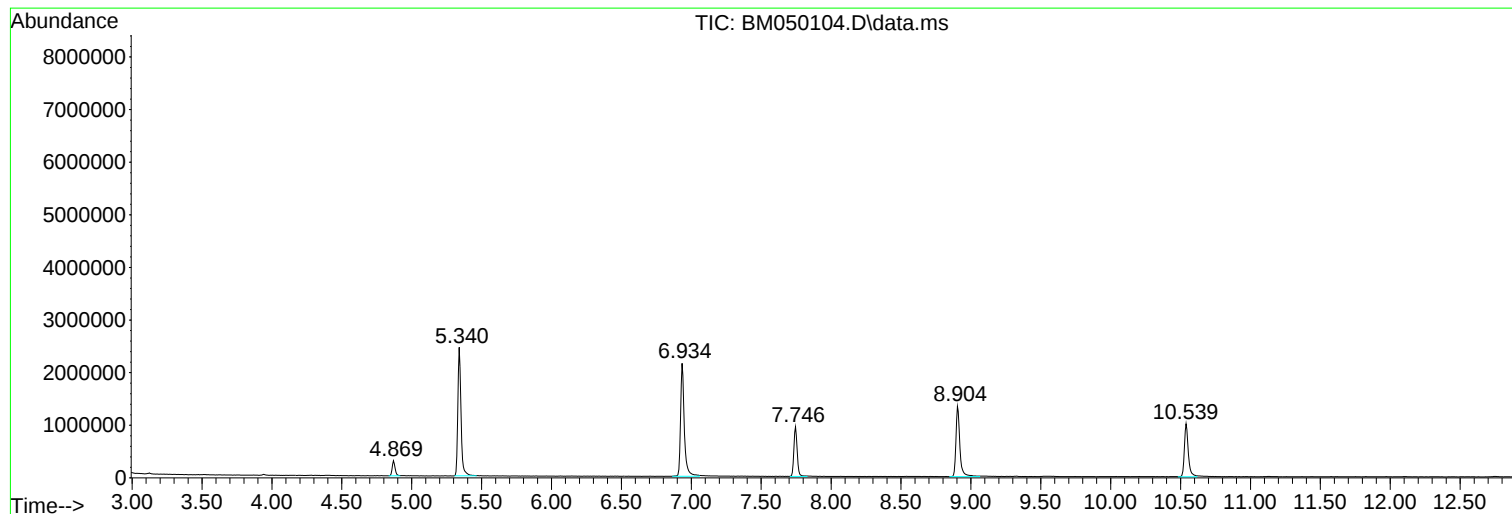
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BM050104.D
Acq On : 05 May 2025 18:18
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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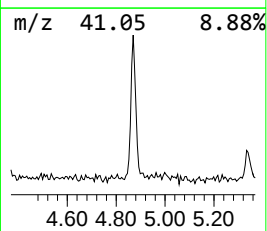
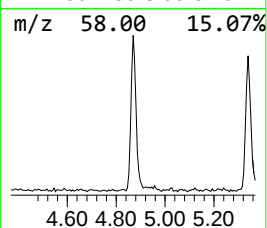
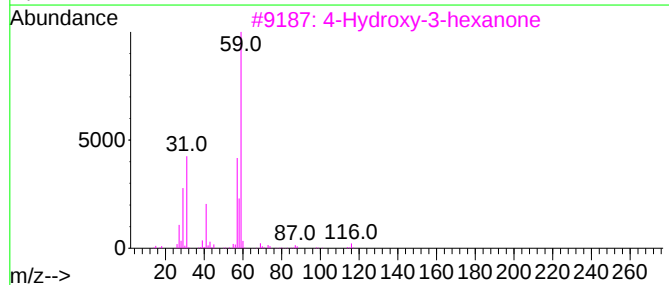
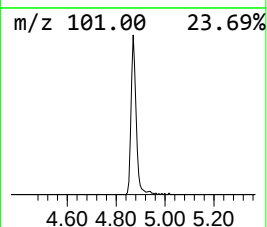
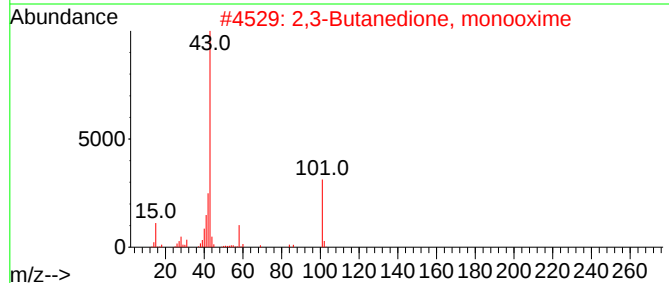
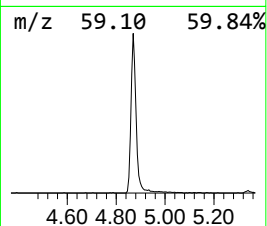
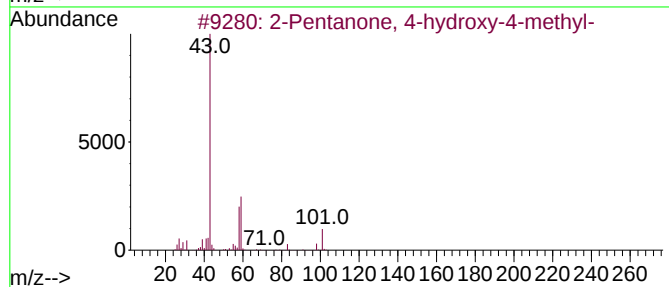
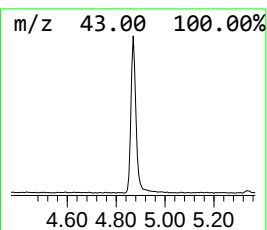
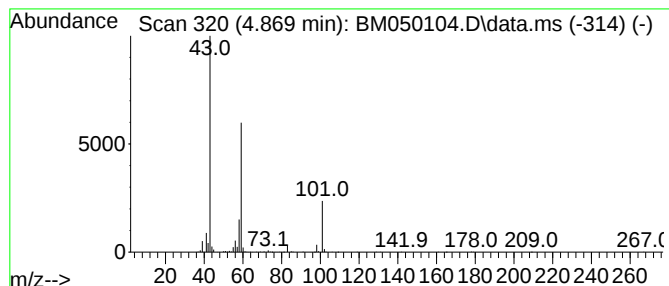
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.32 ng	411982	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17		
4	1,2-Butanediol	90	C4H10O2	000584-03-2	17		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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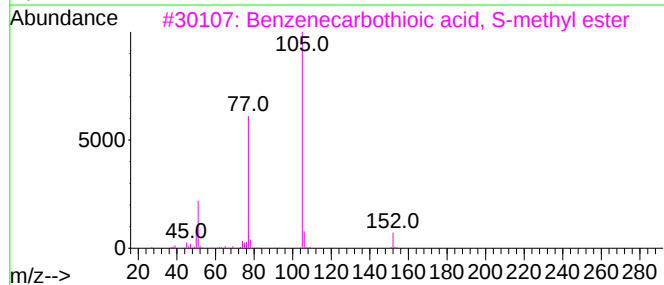
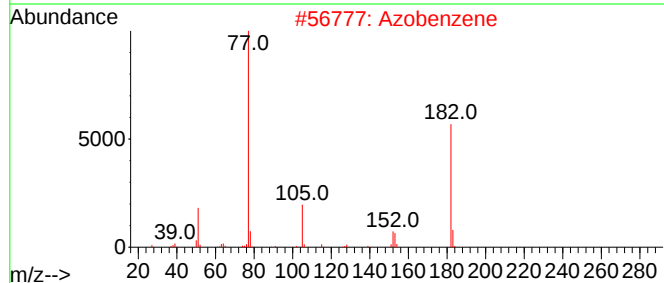
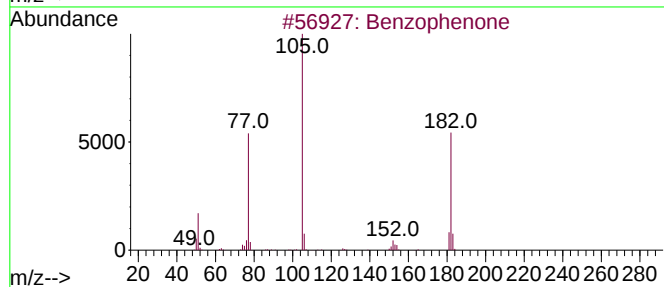
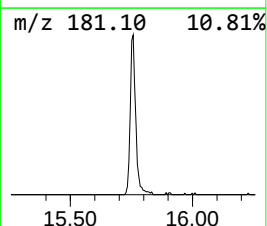
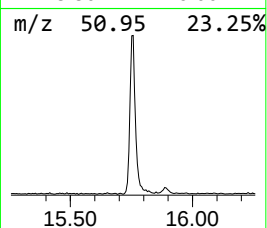
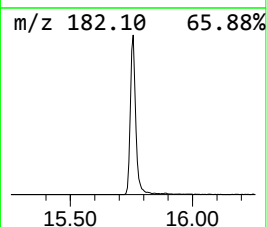
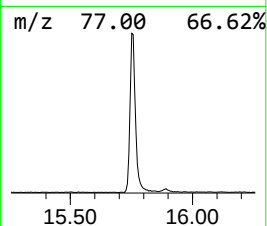
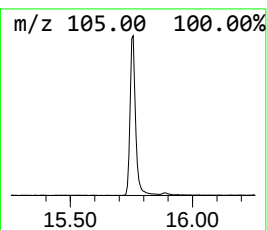
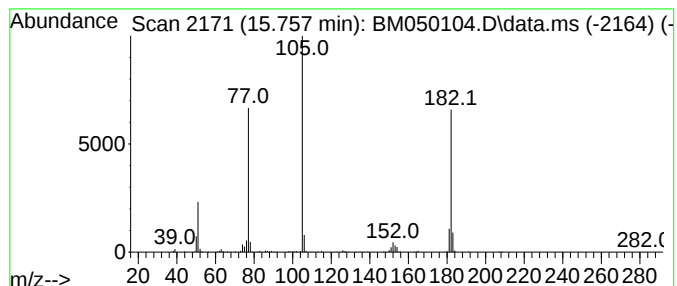
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	6.31 ng	861533	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	47
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43



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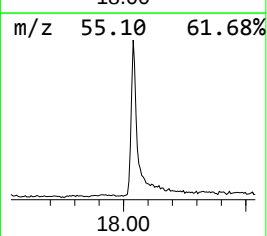
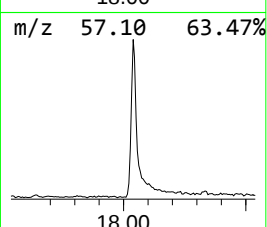
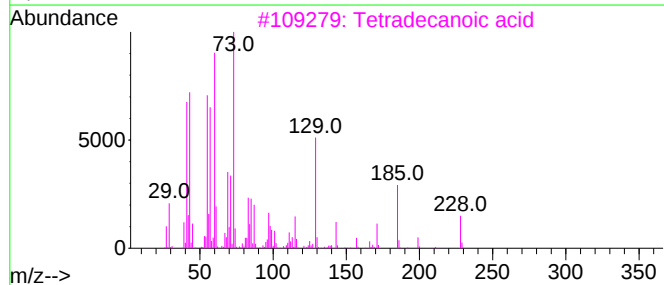
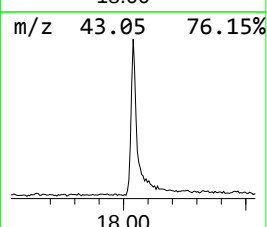
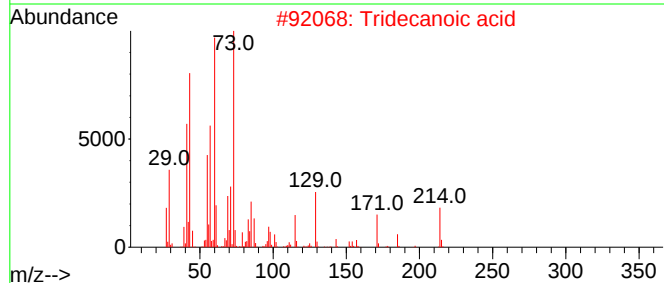
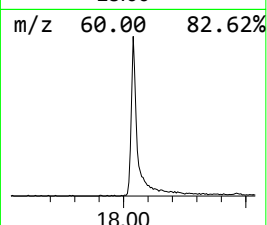
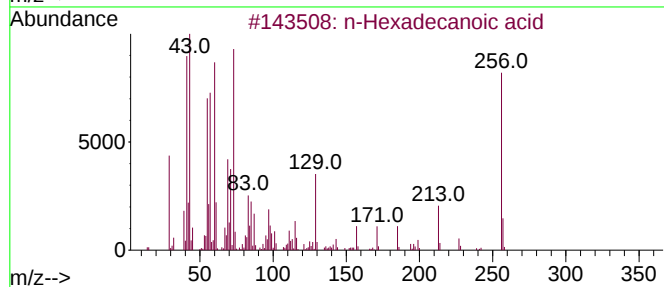
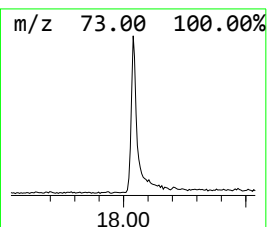
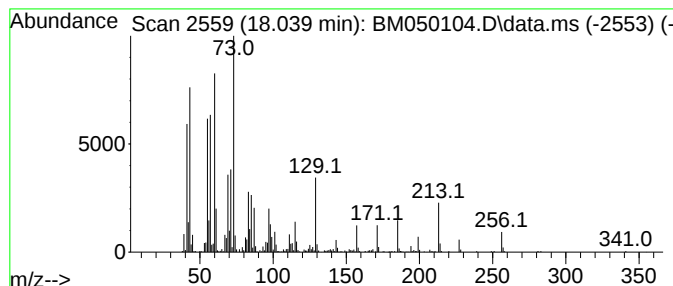
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	6.10 ng	936203	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



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SMALL-PILE-B

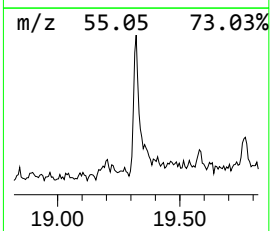
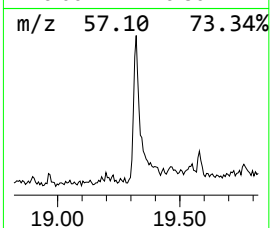
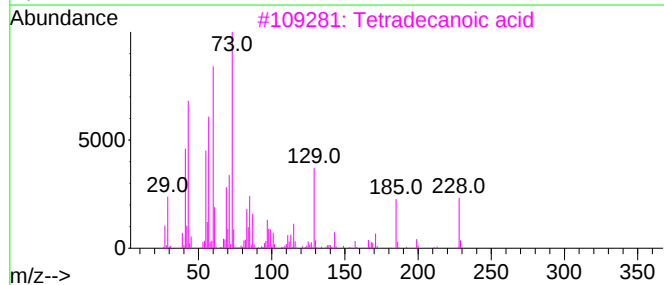
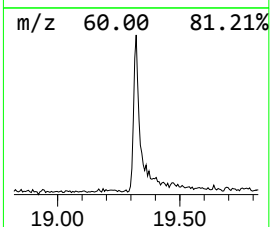
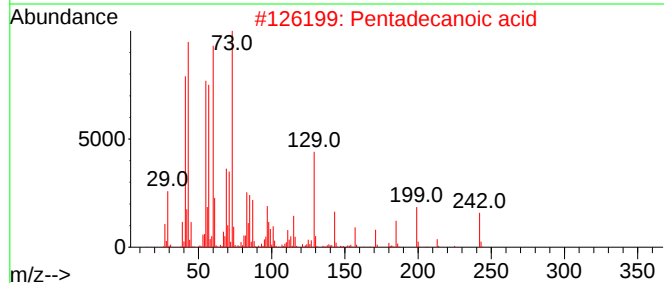
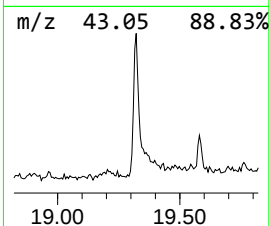
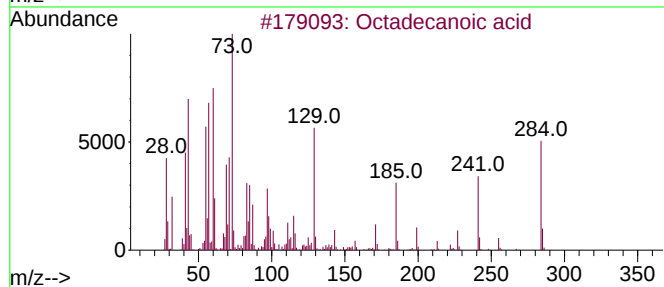
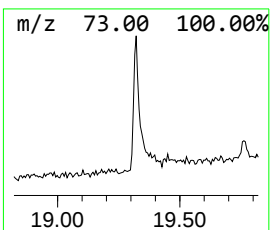
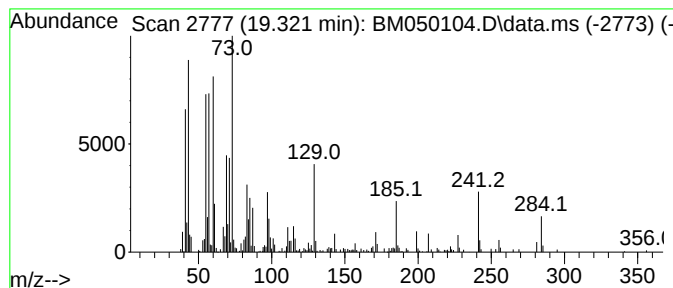
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	2.09 ng	341131	Chrysene-d12	21.386

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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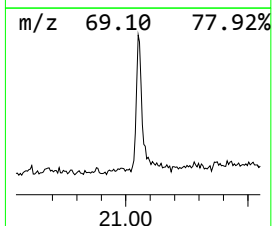
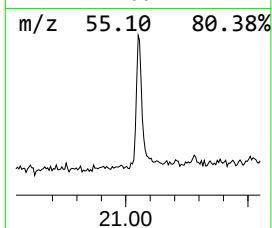
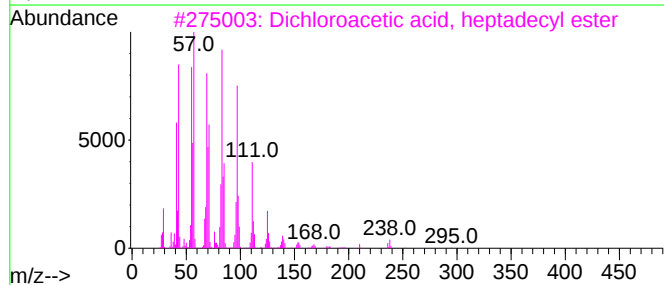
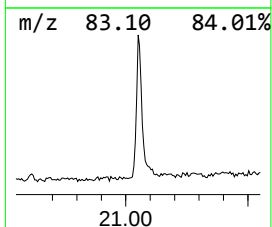
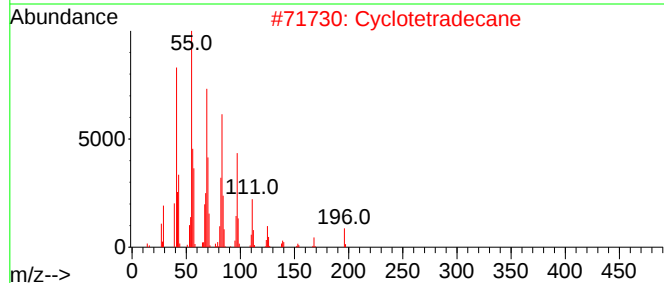
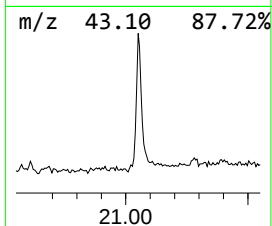
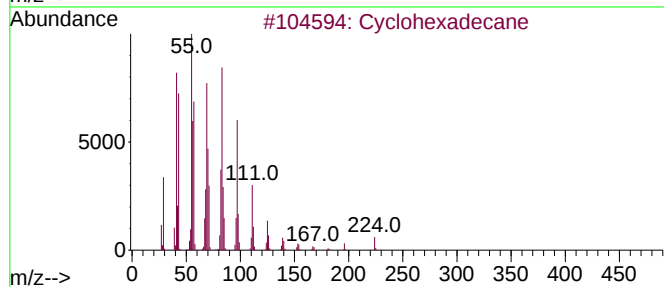
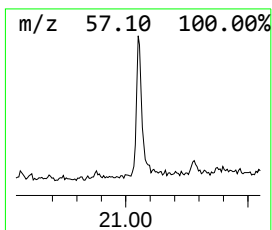
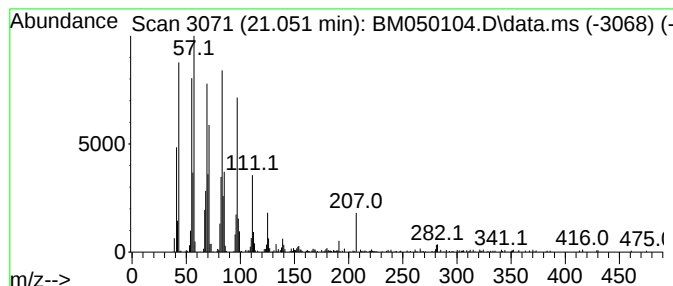
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.53 ng	412721	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	96
2			Cyclotetradecane	196	C14H28	000295-17-0	94
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	94
5			Behenic alcohol	326	C22H46O	000661-19-8	93



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	5.3	ng	411982	1	7.745	1548710	20.0
Benzophenone	15.757	6.3	ng	861533	3	14.392	2730730	20.0
n-Hexadecanoic ...	18.039	6.1	ng	936203	4	17.145	3069040	20.0
Octadecanoic acid	19.321	2.1	ng	341131	5	21.386	3263620	20.0
Cyclohexadecane	21.051	2.5	ng	412721	5	21.386	3263620	20.0