

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050163.D
 Acq On : 09 May 2025 17:25
 Operator : RC/JU
 Sample : Q1983-37
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-636-COMP-07

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: BM050163.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.864	313	319	333	rBV	323486	507357	4.53%	0.810%
2	5.334	393	399	419	rBV	2784300	4548306	40.61%	7.260%
3	6.934	664	671	702	rBV	2632090	5405824	48.26%	8.629%
4	7.740	800	808	820	rBV	1211449	2008642	17.93%	3.206%
5	8.905	997	1006	1029	rBV	1359753	2851052	25.45%	4.551%
6	10.534	1275	1283	1306	rBV	1246715	2690200	24.02%	4.294%
7	13.004	1696	1703	1725	rBV	4993051	8438920	75.34%	13.470%
8	14.392	1932	1939	1956	rBV	2351826	4024323	35.93%	6.424%
9	15.757	2164	2171	2182	rBV	559203	973016	8.69%	1.553%
10	15.892	2187	2194	2220	rVV	4293947	7488223	66.85%	11.953%
11	17.145	2400	2407	2425	rBV2	2677626	4570848	40.81%	7.296%
12	18.039	2553	2559	2586	rBV	581172	1267871	11.32%	2.024%
13	19.321	2772	2777	2789	rBV2	140085	341081	3.05%	0.544%
14	19.763	2847	2852	2870	rBV	8665988	11200849	100.00%	17.879%
15	21.057	3068	3072	3081	rBV4	187430	325566	2.91%	0.520%
16	21.392	3123	3129	3141	rBV	1896843	3263667	29.14%	5.209%
17	24.386	3630	3638	3652	rVB	976507	2743806	24.50%	4.380%

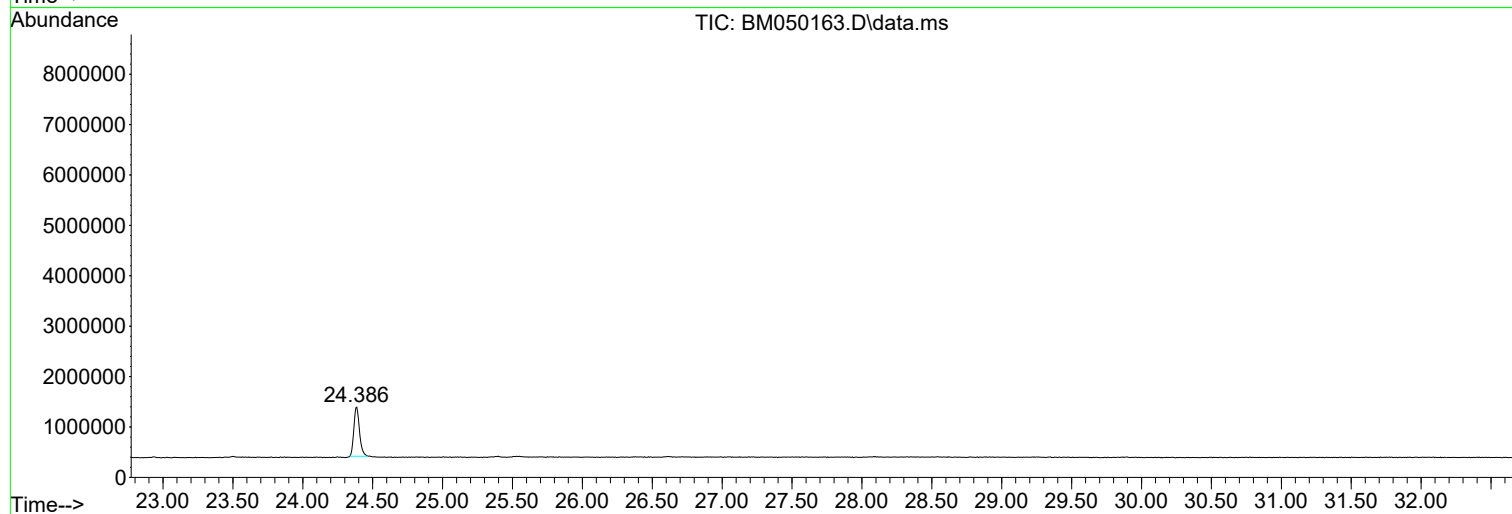
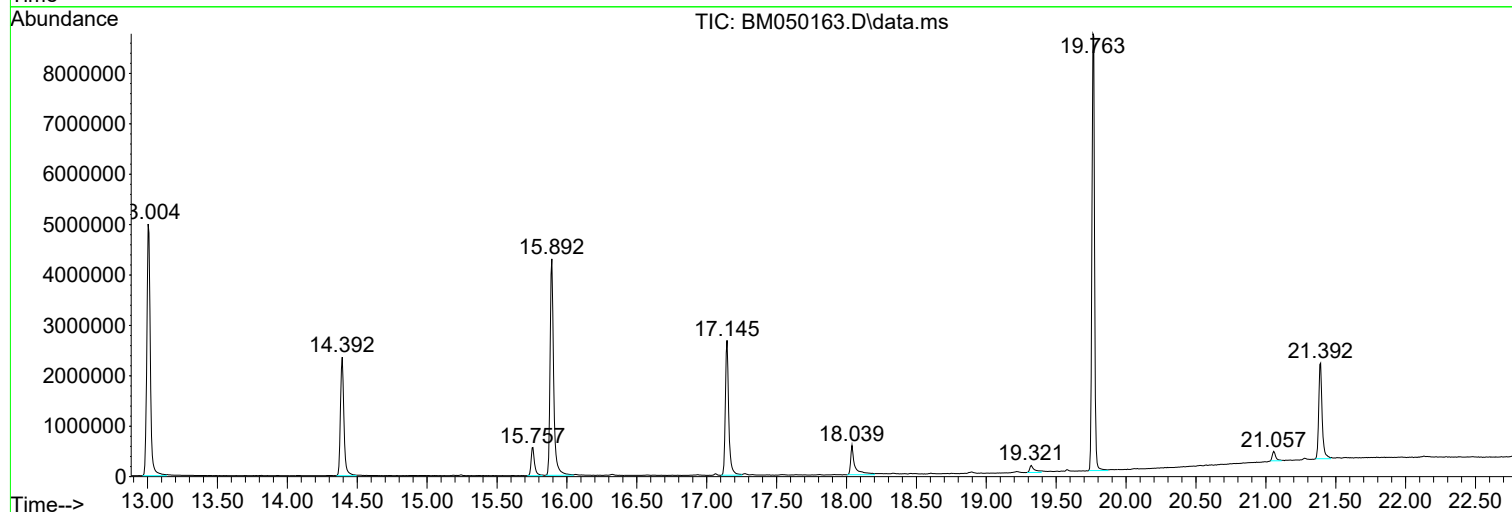
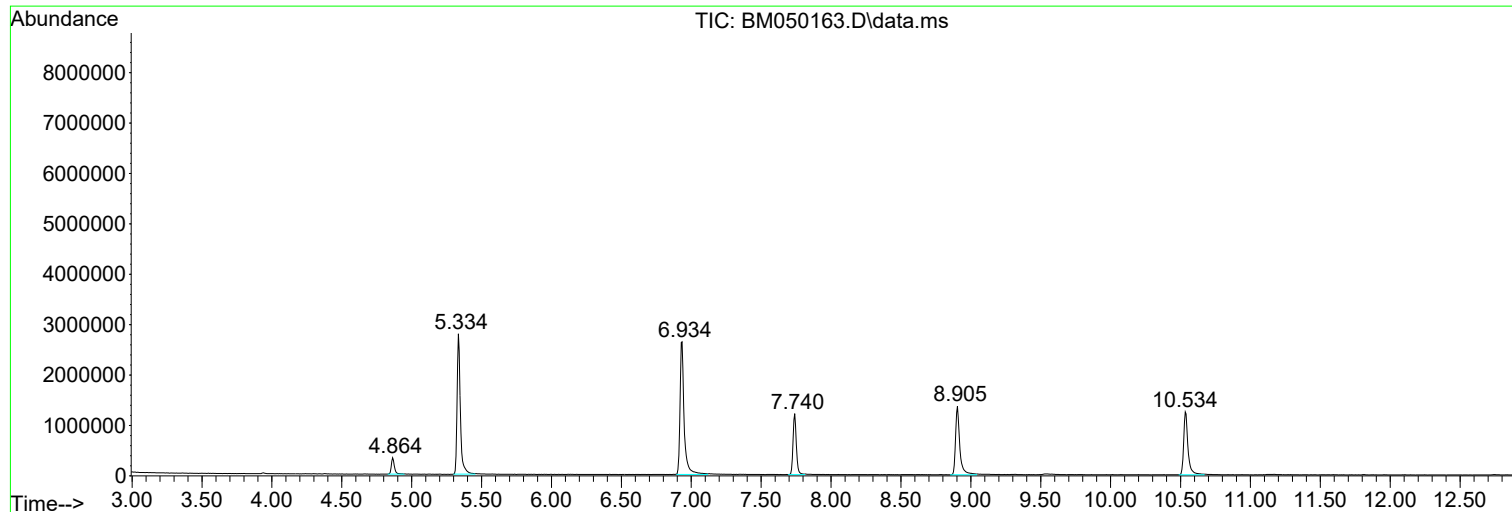
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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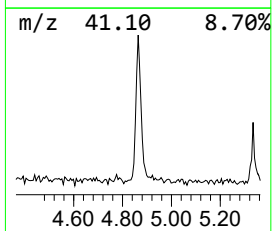
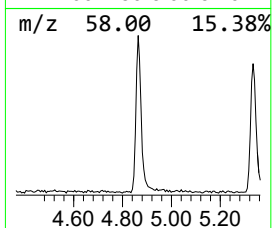
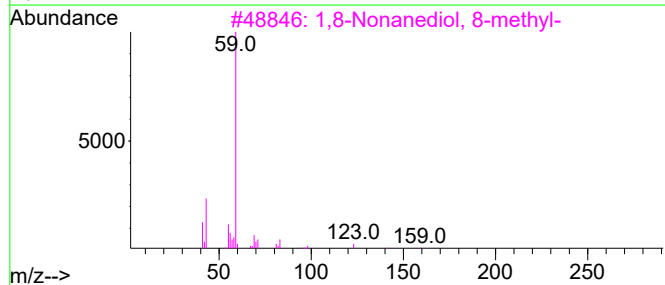
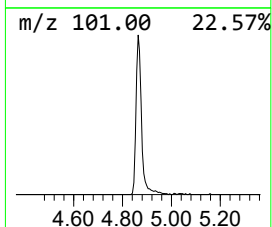
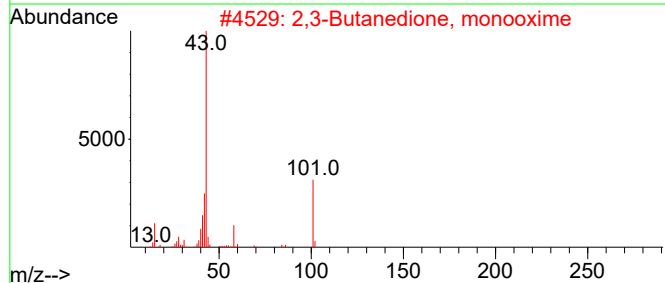
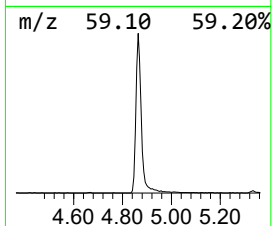
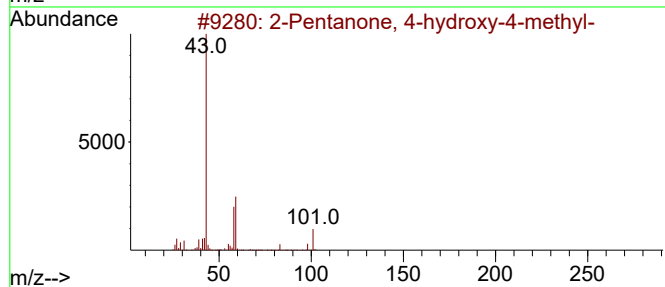
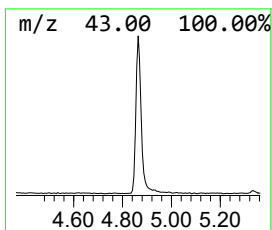
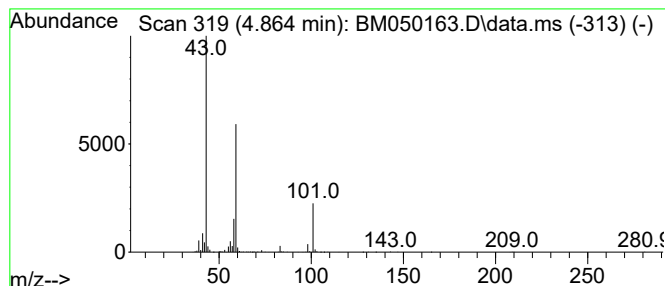
Instrument :
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ClientSampleId :
OR-636-COMP-07

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 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
4.864	5.05 ng	507357	1,4-Dichlorobenzene-d4			7.740
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	25
3	1,8-Nonanediol, 8-methyl-		174	C10H22O2	054725-73-4	23
4	1,2-Butanediol		90	C4H10O2	000584-03-2	17
5	2,5,8,11-Tetraoxadodecane		178	C8H18O4	000112-49-2	17



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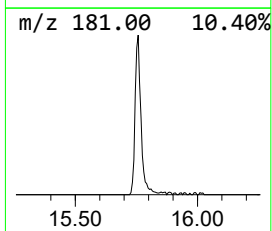
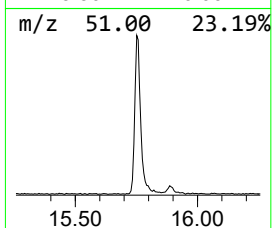
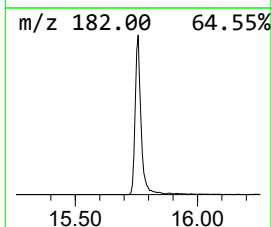
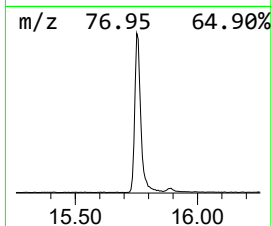
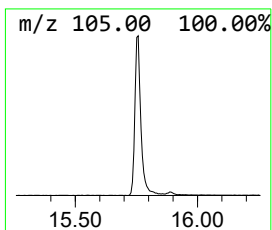
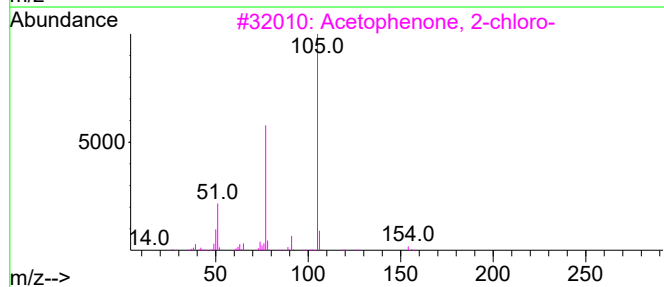
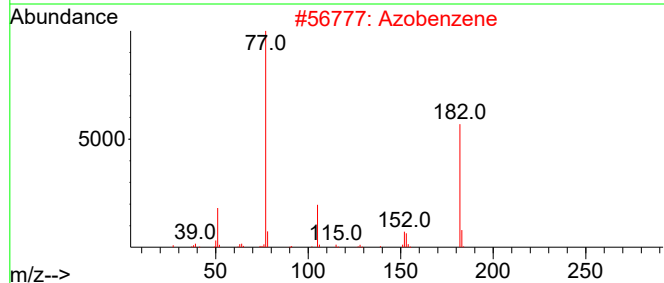
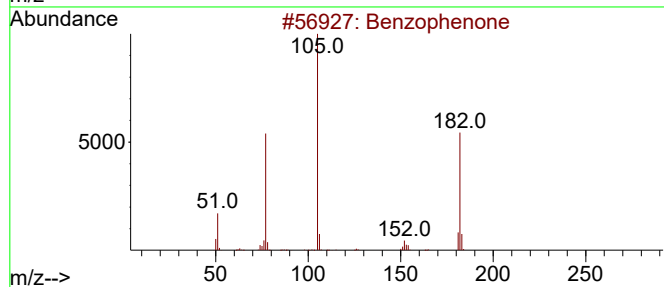
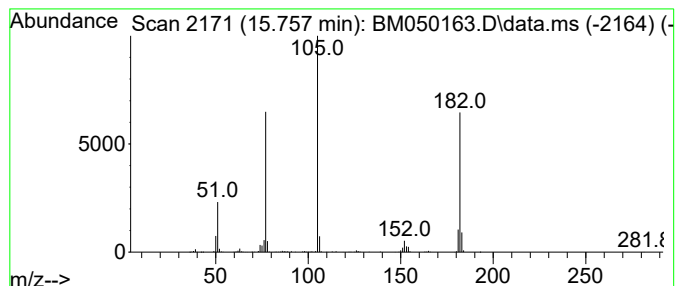
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	4.84 ng	973016	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	53
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	43
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43



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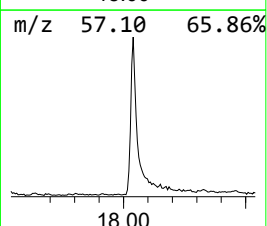
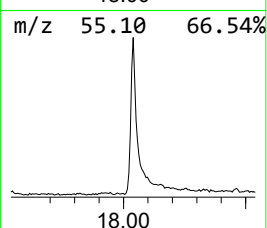
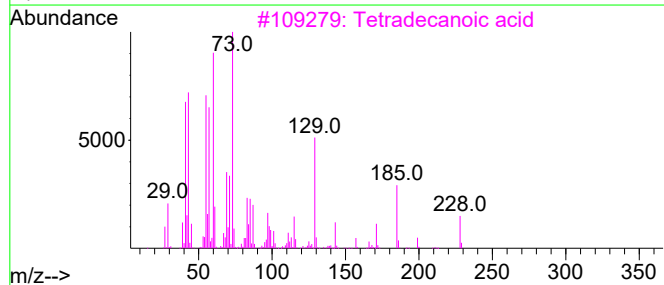
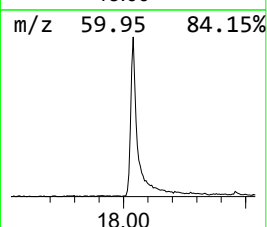
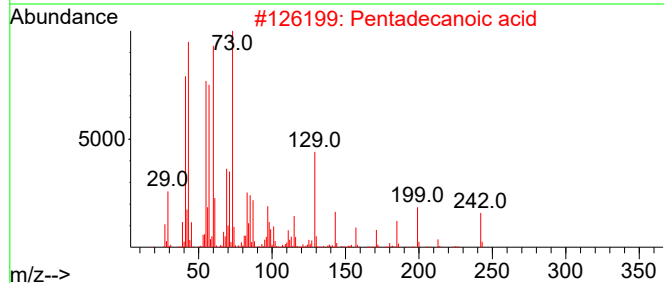
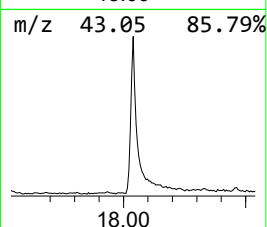
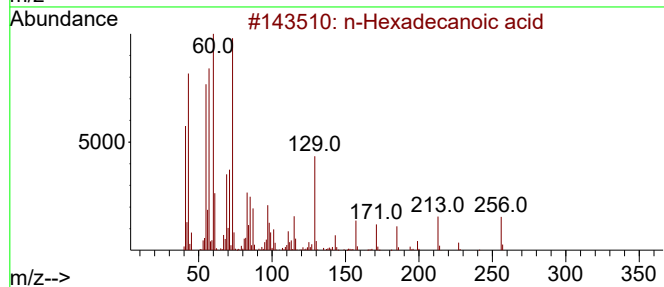
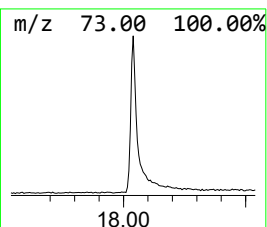
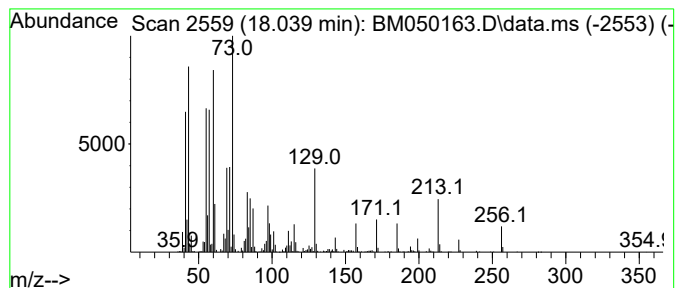
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	5.55 ng	1267870	Phenanthrene-d10	17.145

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	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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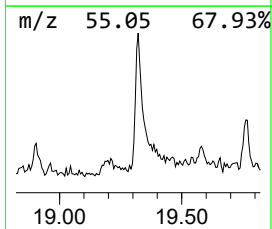
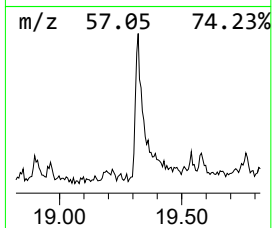
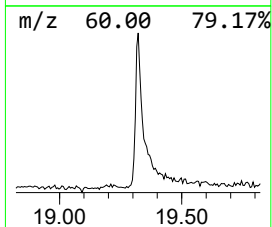
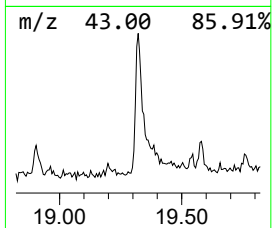
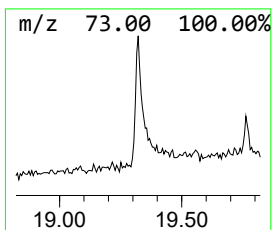
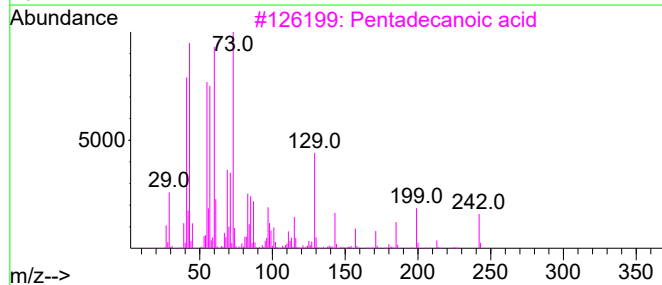
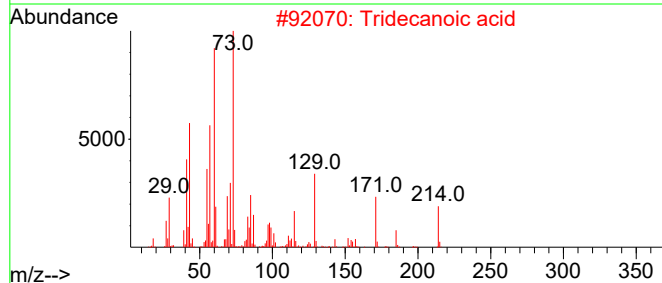
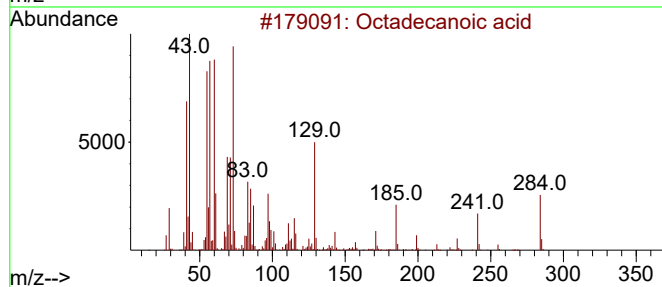
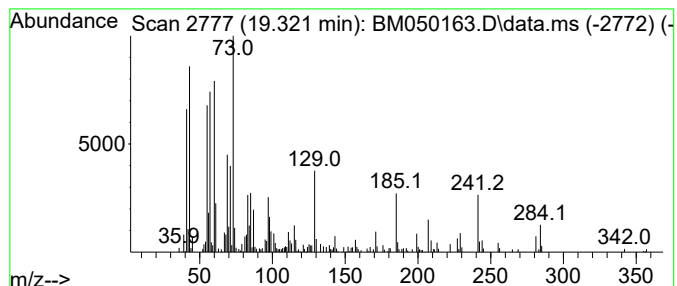
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	2.09 ng	341081	Chrysene-d12	21.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.864	5.0	ng	507357	1	7.740	2008640	20.0
Benzophenone	15.757	4.8	ng	973016	3	14.392	4024320	20.0
n-Hexadecanoic ...	18.039	5.5	ng	1267870	4	17.145	4570850	20.0
Octadecanoic acid	19.322	2.1	ng	341081	5	21.392	3263670	20.0