

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057778.D
 Acq On : 20 Jun 2023 16:12
 Operator : CG/JU
 Sample : 03262-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS-SOIL1-0615

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_G\Methods\8270-BG061923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.033	325	331	340	rBV	63628	93593	4.48%	0.768%
2	5.503	403	411	425	rVB	801491	1243780	59.53%	10.199%
3	7.089	672	681	691	rBV	775993	1327241	63.52%	10.884%
4	7.929	815	824	831	rBV	162468	270562	12.95%	2.219%
5	9.087	1012	1021	1028	rBV	462239	802963	38.43%	6.585%
6	10.732	1293	1301	1308	rVB	227505	401949	19.24%	3.296%
7	13.188	1711	1719	1728	rVB	1091844	1661283	79.51%	13.623%
8	14.563	1946	1953	1961	rVB	341101	540846	25.88%	4.435%
9	15.914	2177	2183	2188	rBV	42524	60322	2.89%	0.495%
10	16.049	2198	2206	2212	rBV	916320	1402225	67.11%	11.499%
11	17.306	2413	2420	2425	rBV	423350	643510	30.80%	5.277%
12	18.194	2566	2571	2584	rBV	160915	248926	11.91%	2.041%
13	19.351	2765	2768	2773	rVB	26017	38316	1.83%	0.314%
14	19.469	2784	2788	2795	rVB	60698	85358	4.09%	0.700%
15	19.921	2859	2865	2870	rBV	1588731	2089420	100.00%	17.134%
16	21.208	3081	3084	3093	rVB	104938	145741	6.98%	1.195%
17	21.554	3138	3143	3150	rBV2	357055	591067	28.29%	4.847%
18	24.715	3675	3681	3694	rVB2	196713	547424	26.20%	4.489%

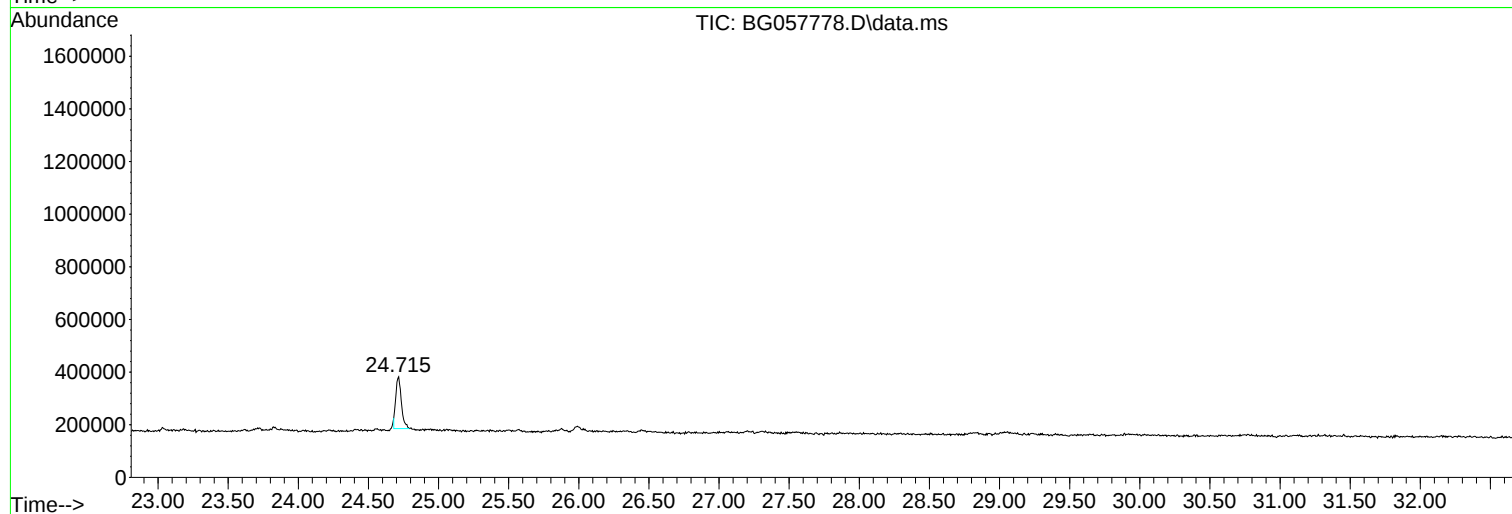
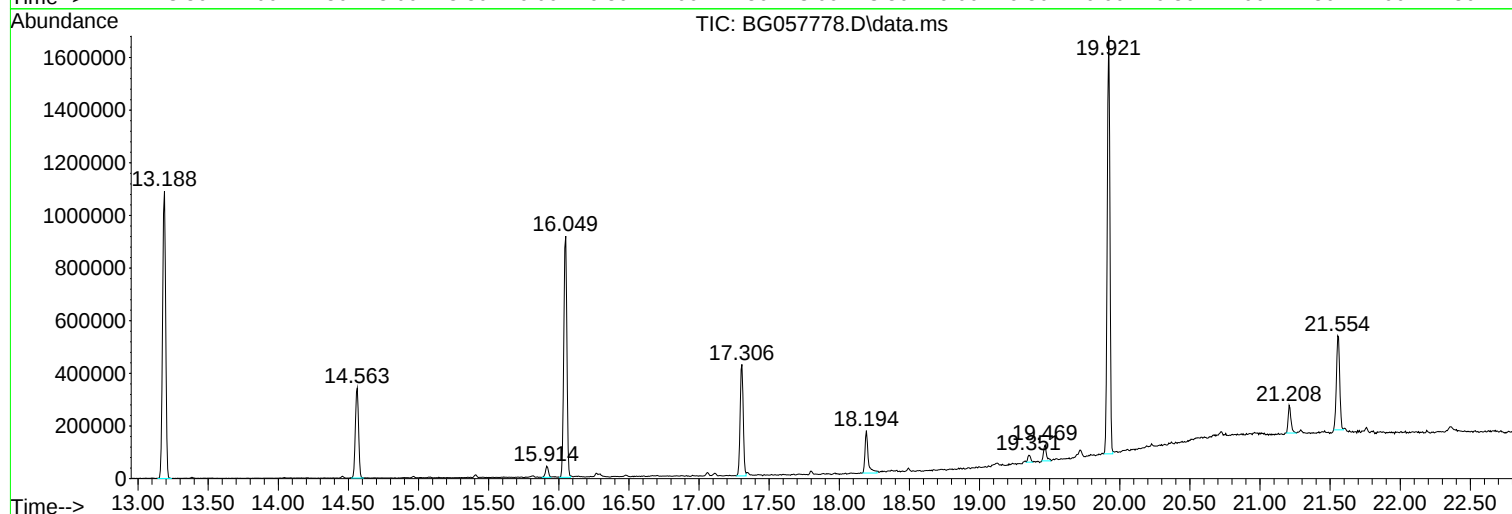
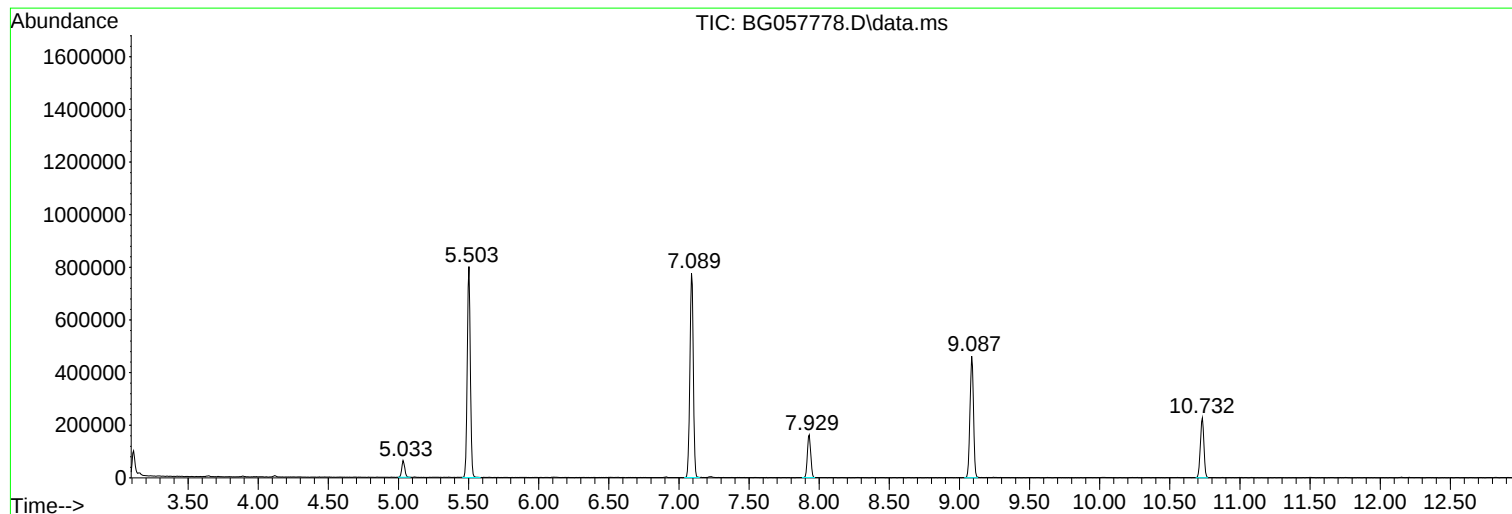
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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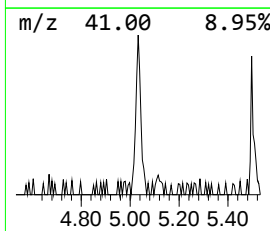
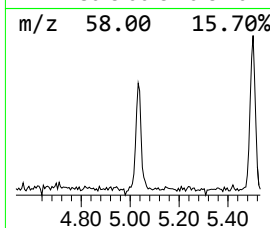
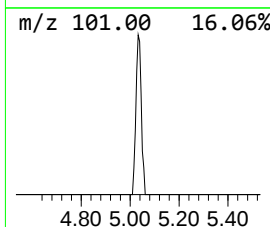
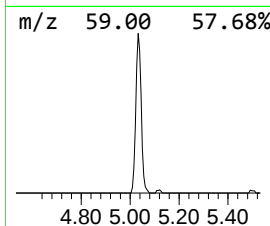
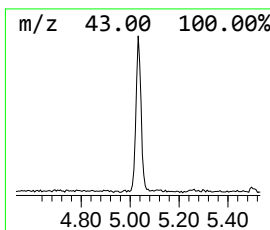
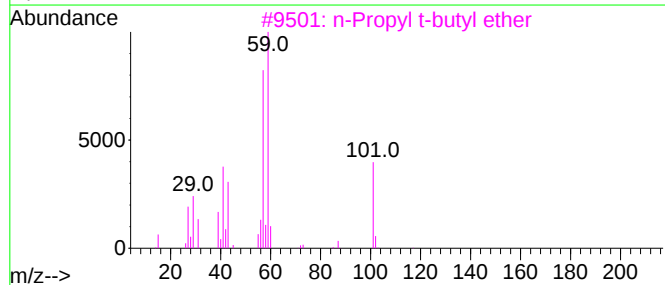
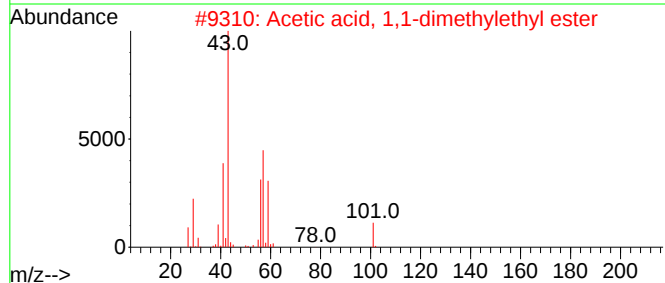
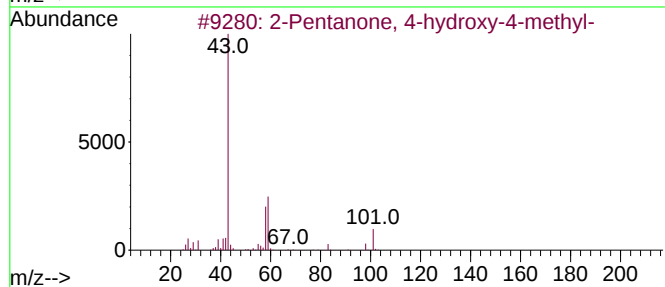
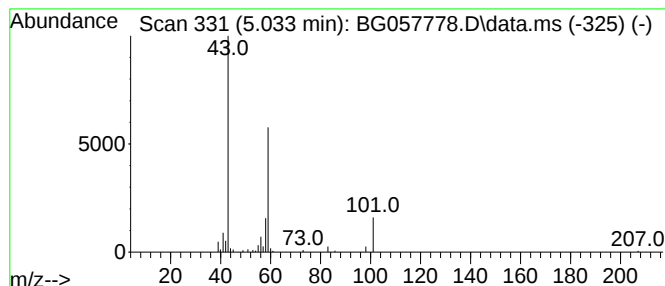
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.033	6.92 ng	93593	1,4-Dichlorobenzene-d4	7.929

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38		
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
5	Acetone	58	C3H6O	000067-64-1	12		



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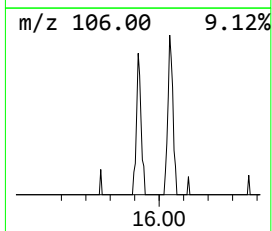
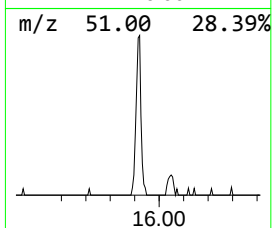
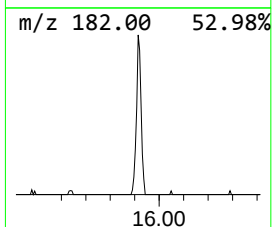
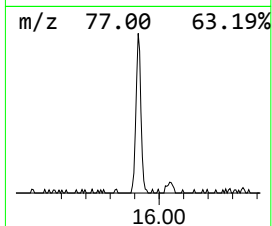
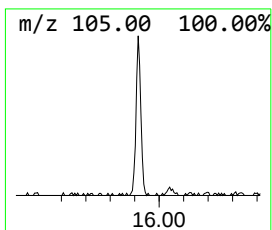
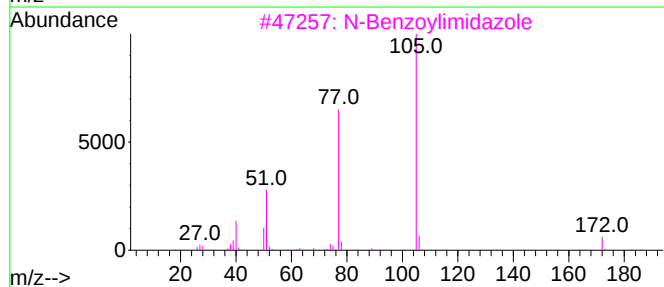
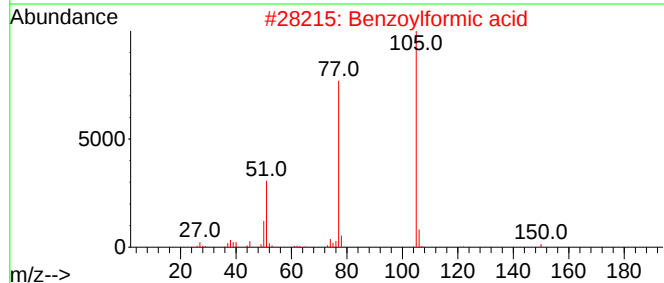
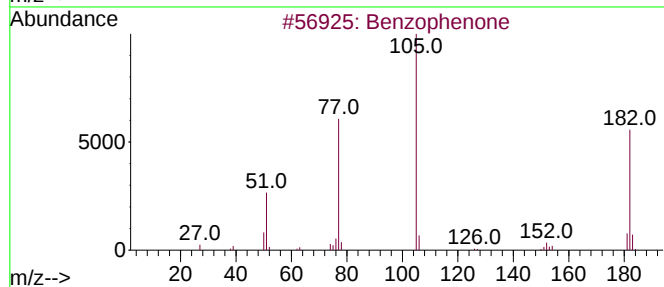
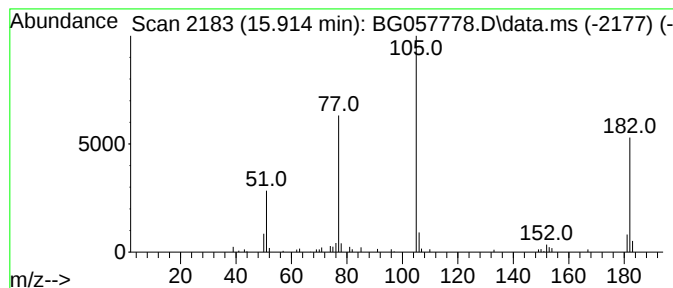
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.914	2.23 ng	60322	Acenaphthene-d10	14.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzoylformic acid	150	C8H6O3	000611-73-4	60
3			N-Benzoylimidazole	172	C10H8N2O	010364-94-0	47
4			Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



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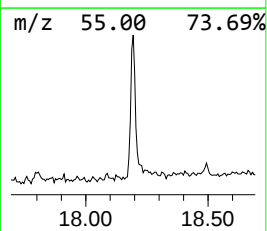
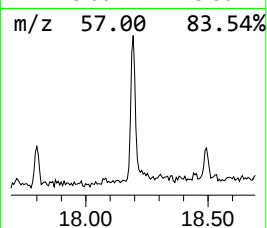
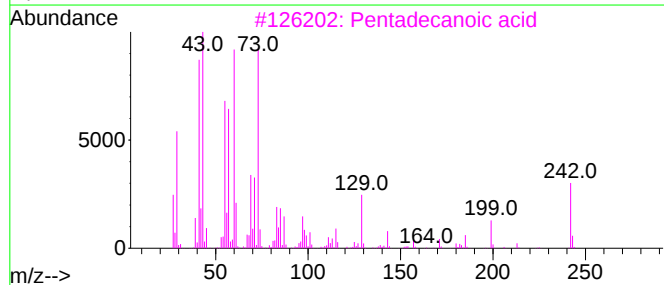
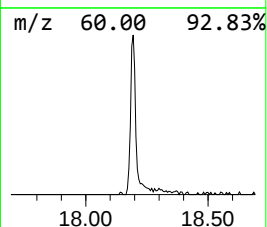
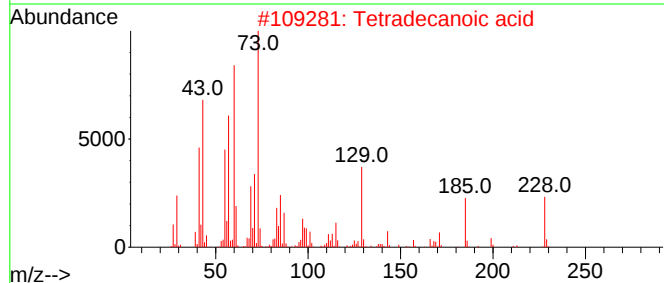
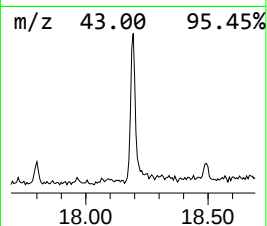
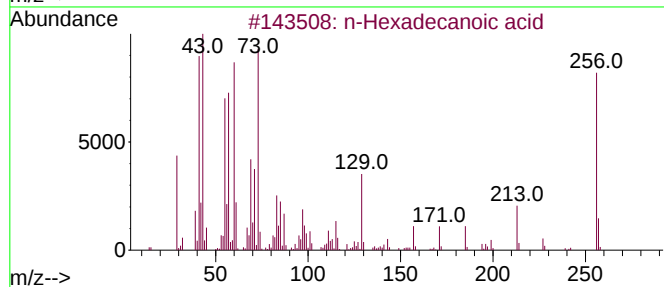
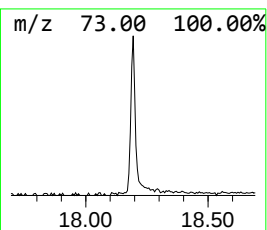
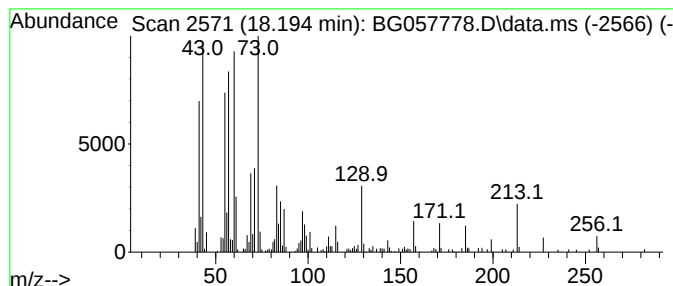
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.194	7.74 ng	248926	Phenanthrene-d10	17.306

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53



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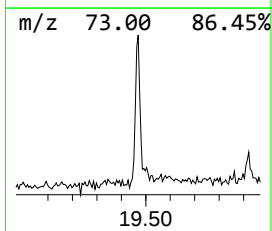
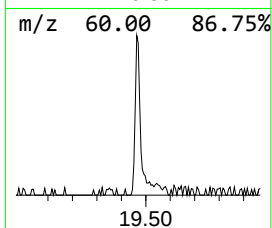
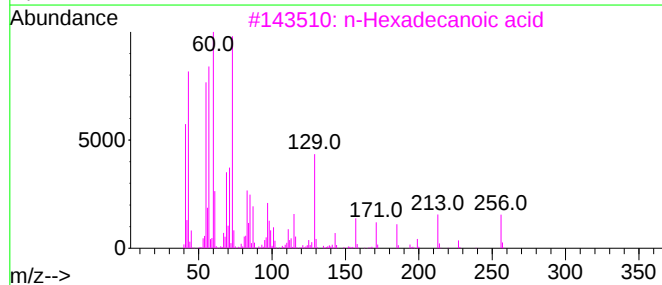
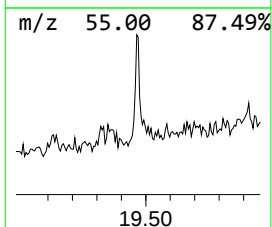
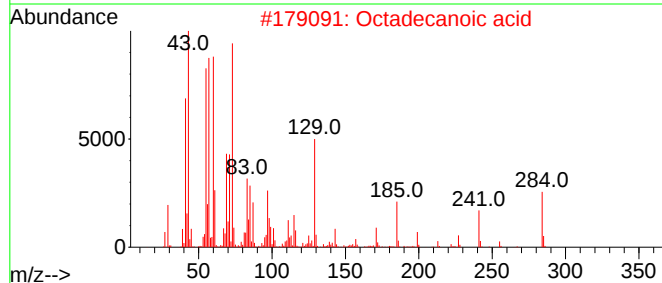
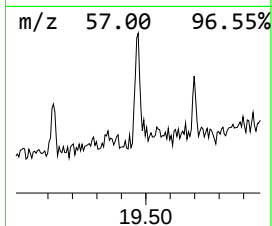
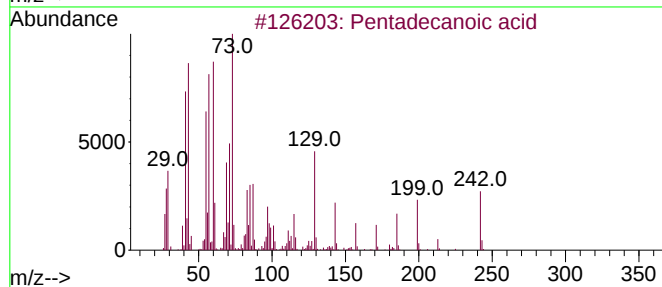
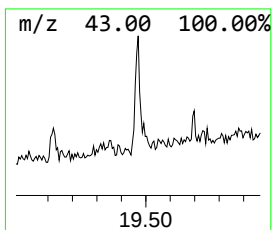
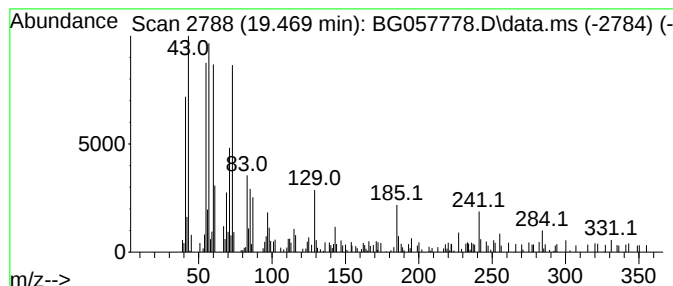
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Peak Number 4 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	2.89 ng	85358	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Pentadecanoic acid, 15-bromo-	320	C15H29BrO2	056523-59-2	53



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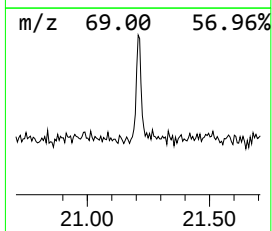
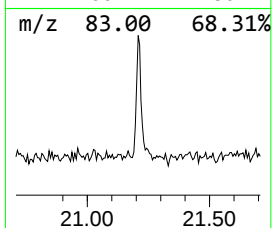
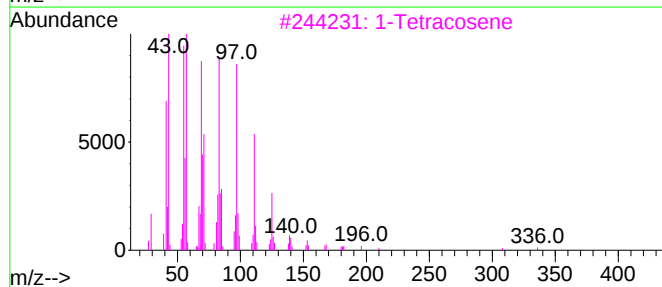
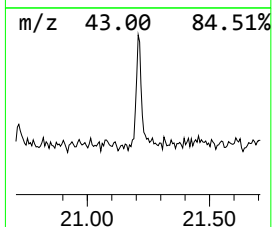
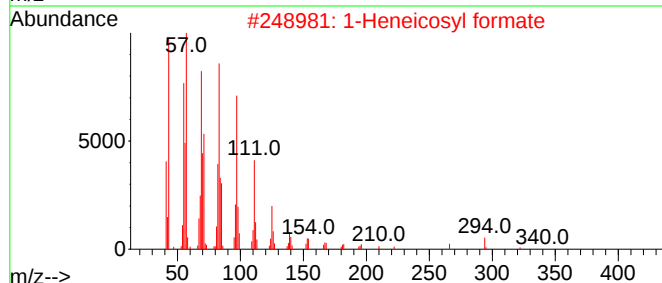
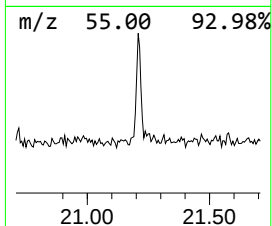
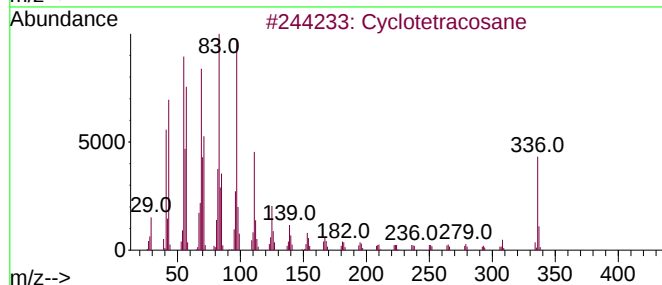
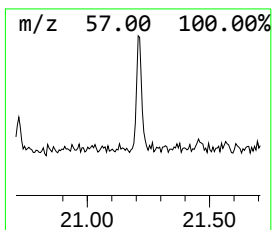
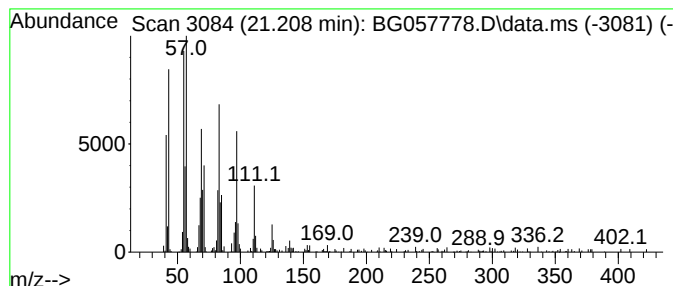
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.208	4.93 ng	145741	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	99
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3			1-Tetracosene	336	C24H48	010192-32-2	91
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



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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-...	5.033	6.9	ng	93593	1	7.929	270562	20.0
Benzophenone	15.914	2.2	ng	60322	3	14.563	540846	20.0
n-Hexadecanoic ...	18.194	7.7	ng	248926	4	17.306	643510	20.0
Pentadecanoic acid	19.469	2.9	ng	85358	5	21.554	591067	20.0
Cyclotetracosane	21.208	4.9	ng	145741	5	21.554	591067	20.0