

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042527.D
 Acq On : 01 Nov 2023 01:00
 Operator : MA/JU
 Sample : 04879-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

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-BM103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	305	310	319	rVB	120833	162533	6.35%	1.091%
2	5.457	380	386	400	rBV	1078078	1550954	60.62%	10.414%
3	7.087	656	663	684	rBV	988552	1578633	61.70%	10.600%
4	7.922	799	805	814	rVB	289931	441809	17.27%	2.966%
5	9.122	1000	1009	1023	rBV	609521	998340	39.02%	6.703%
6	10.739	1276	1284	1292	rBV	325252	541631	21.17%	3.637%
7	13.192	1694	1701	1711	rBV	1356875	1878032	73.40%	12.610%
8	14.569	1929	1935	1950	rVB	433018	637741	24.93%	4.282%
9	16.063	2183	2189	2205	rBV	997151	1452203	56.76%	9.751%
10	17.321	2397	2403	2415	rBV	479500	700936	27.39%	4.706%
11	18.174	2543	2548	2562	rBV	224027	362339	14.16%	2.433%
12	19.451	2761	2765	2773	rBV	101248	168153	6.57%	1.129%
13	19.939	2842	2848	2856	rBV	2115796	2558637	100.00%	17.180%
14	21.168	3054	3057	3062	rVB4	172732	225141	8.80%	1.512%
15	21.503	3110	3114	3119	rVB	597620	756811	29.58%	5.082%
16	23.921	3520	3525	3534	rVB	450462	879467	34.37%	5.905%

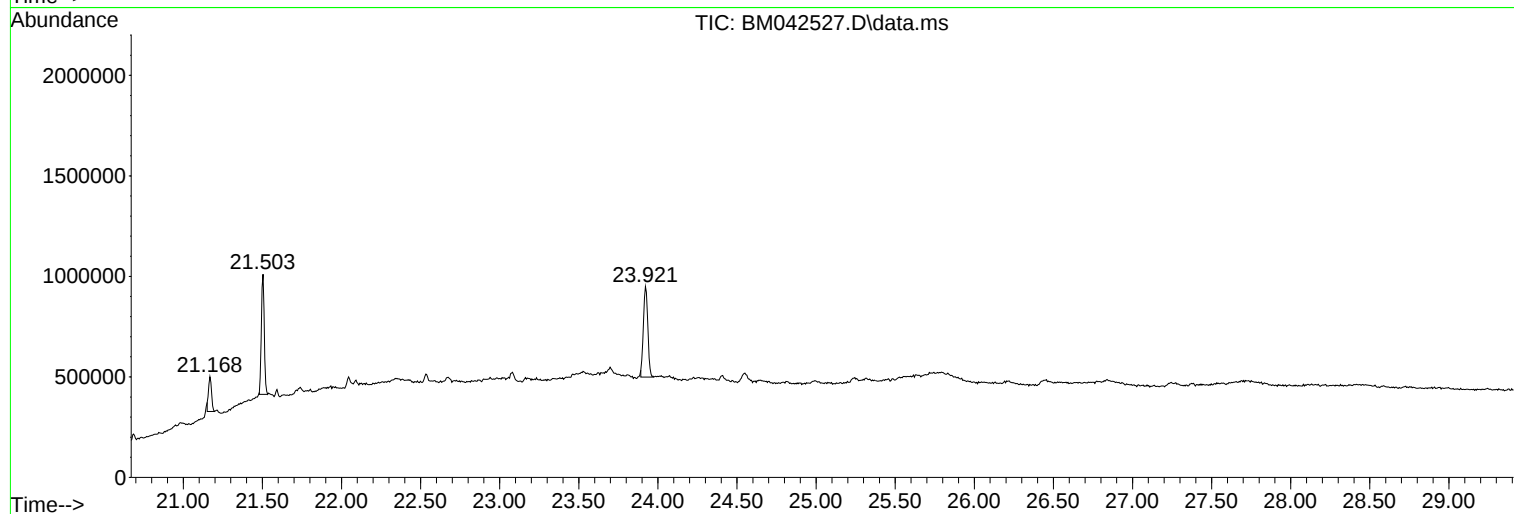
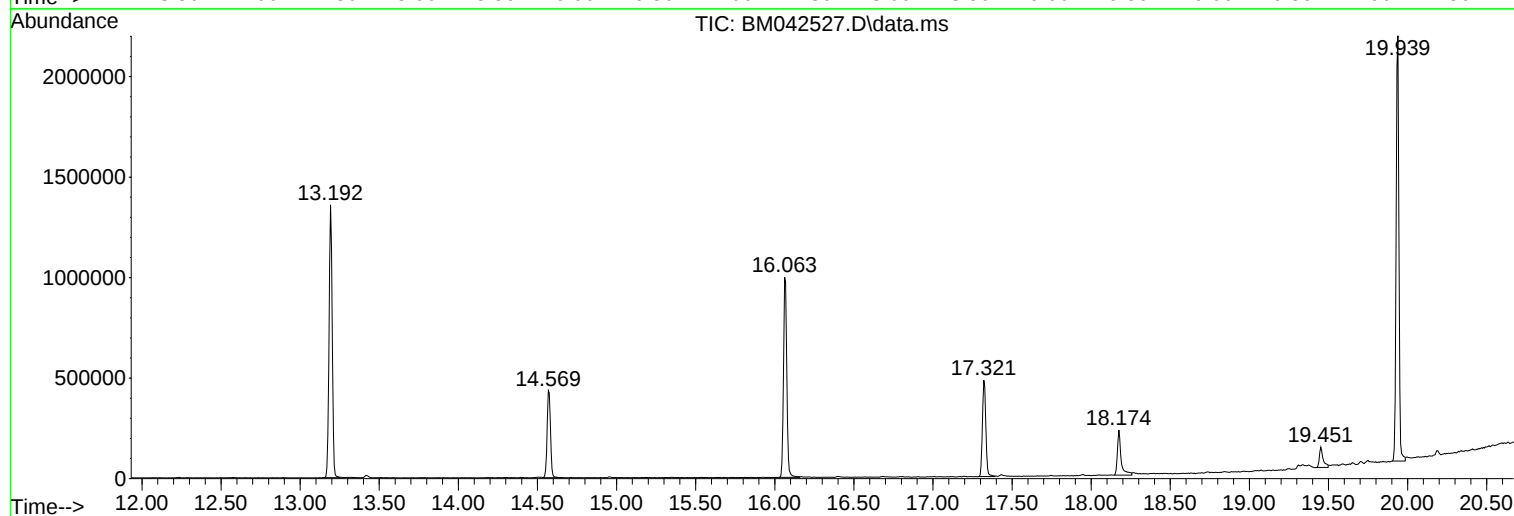
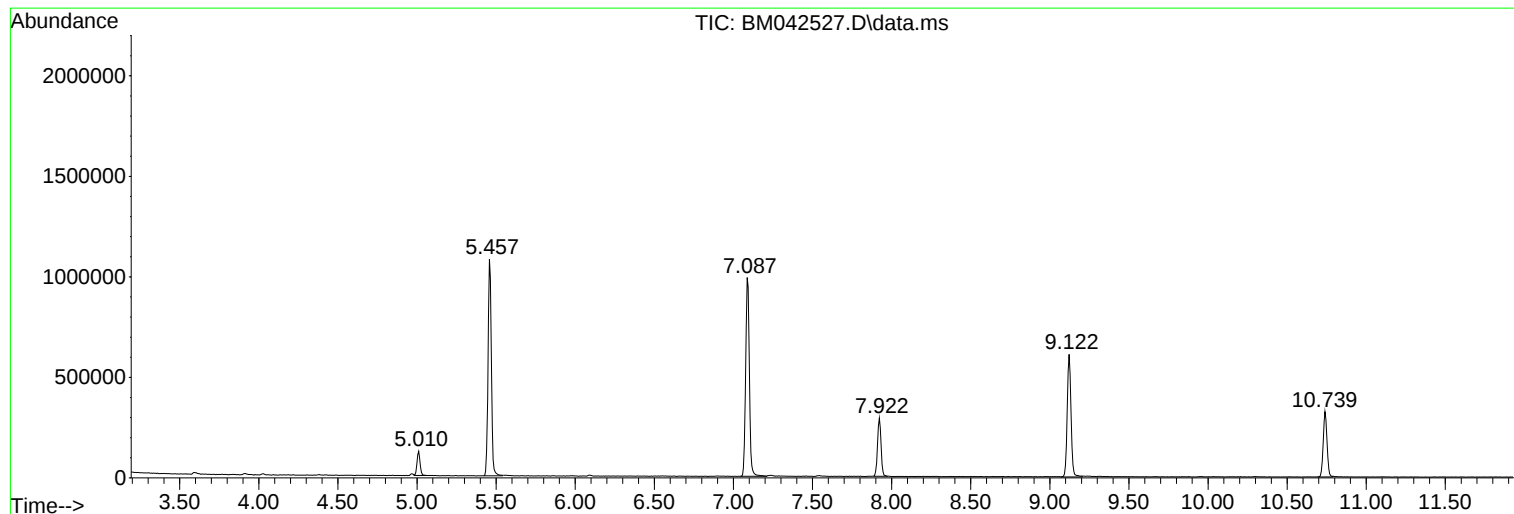
Sum of corrected areas: 14893360

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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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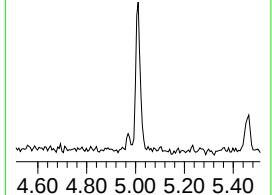
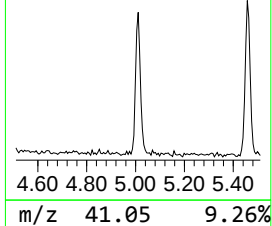
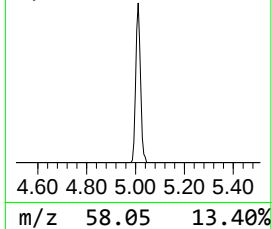
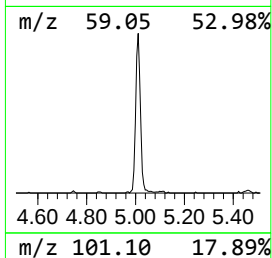
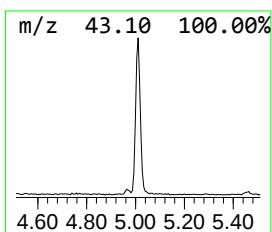
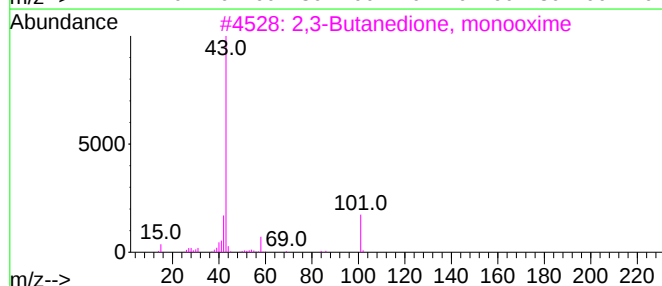
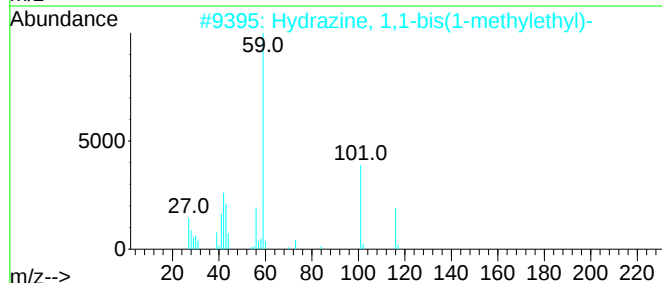
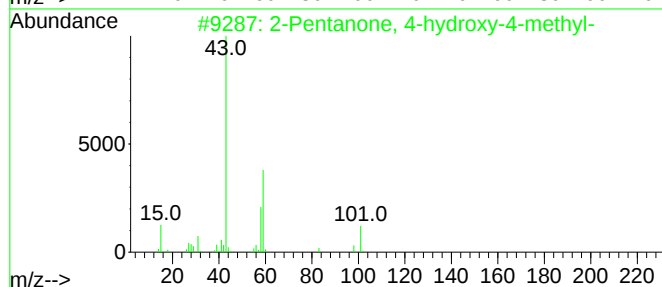
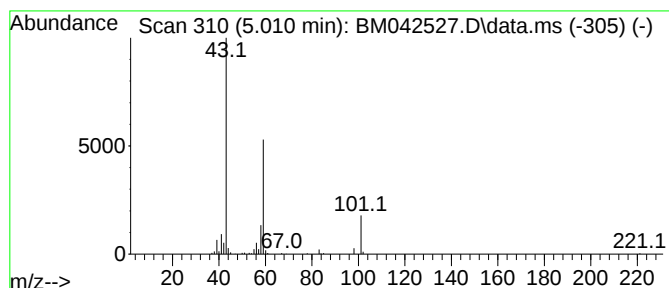
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
5.010	7.36 ng	162533	1,4-Dichlorobenzene-d4	7.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane	58	C4H10	000106-97-8	9



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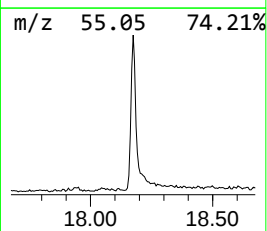
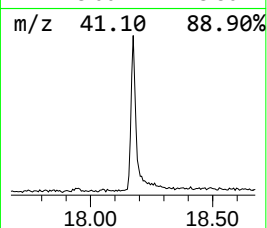
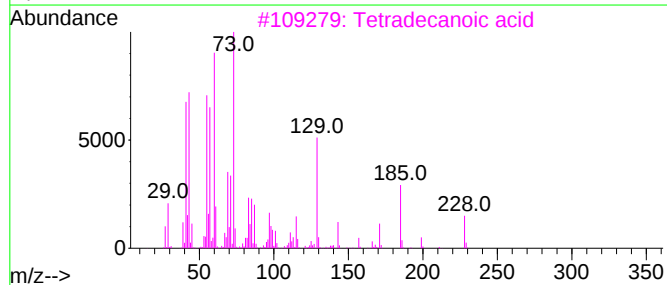
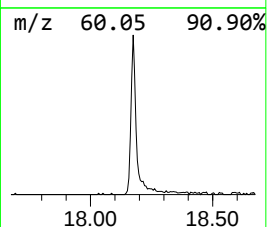
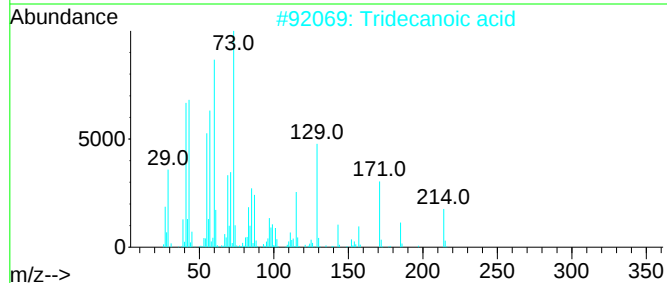
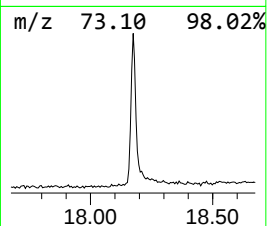
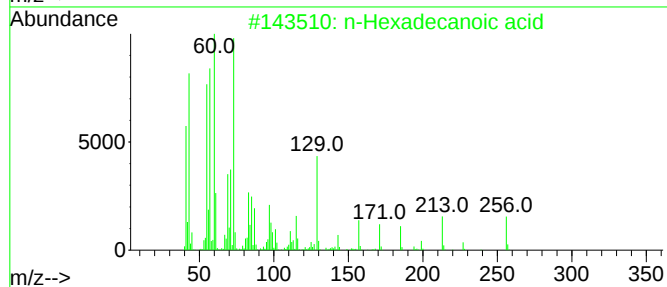
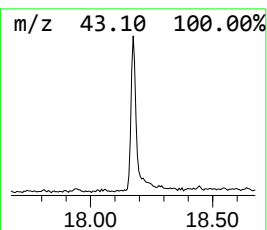
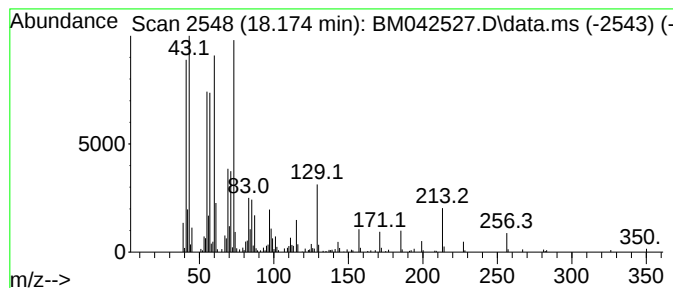
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	10.34 ng	362339	Phenanthrene-d10	17.321

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	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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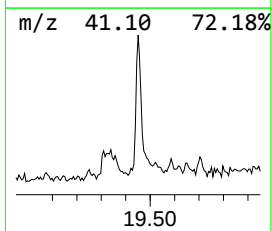
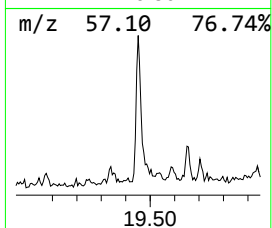
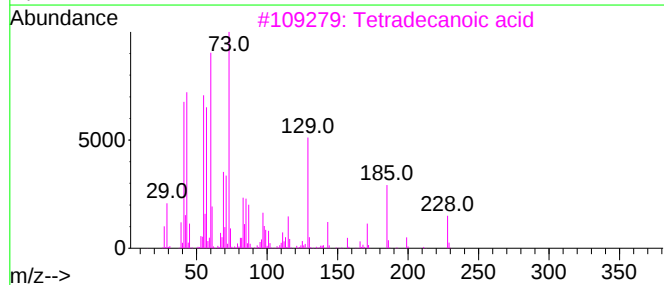
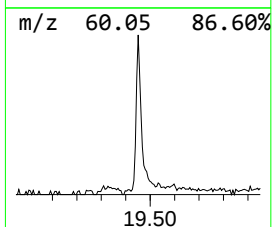
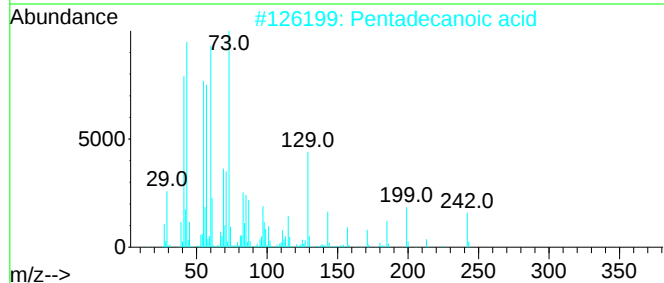
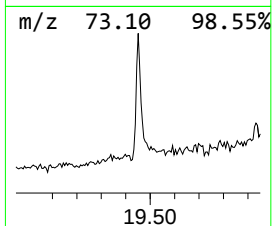
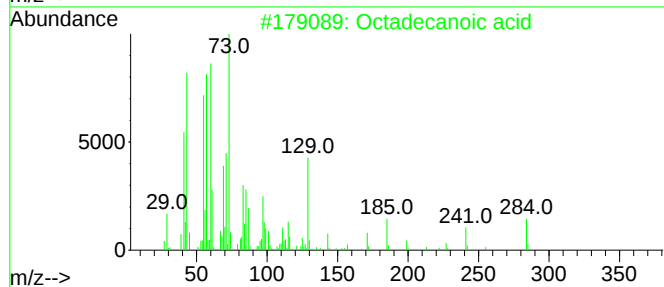
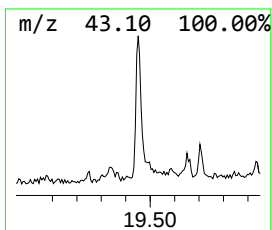
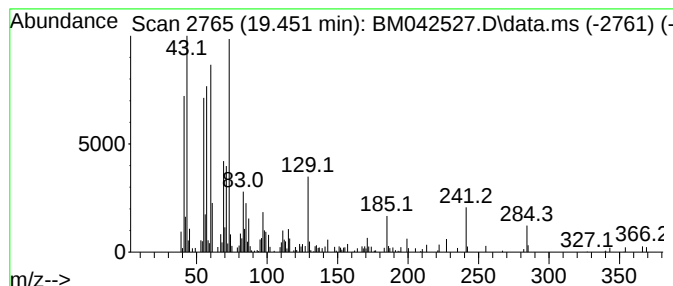
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	4.44 ng	168153	Chrysene-d12	21.503

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	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Docosanoic acid	340	C22H44O2	000112-85-6	80
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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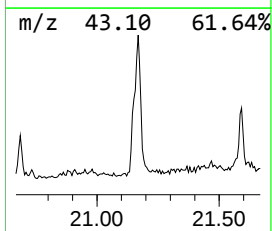
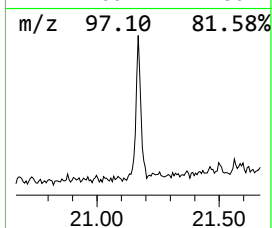
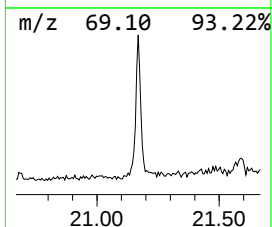
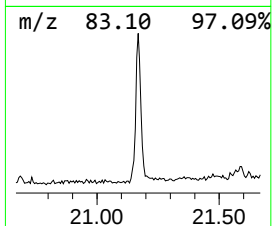
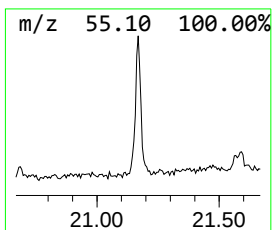
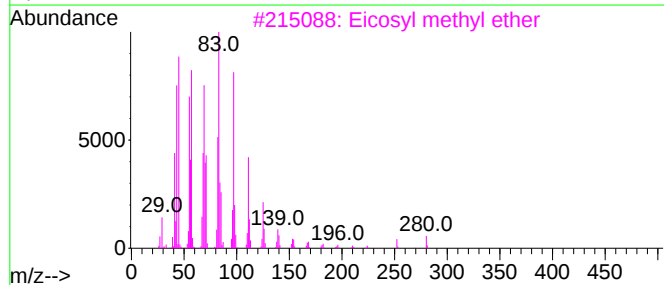
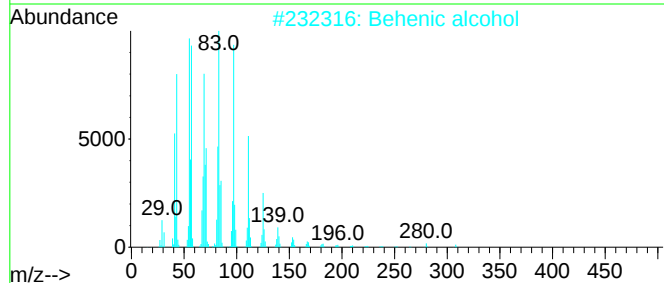
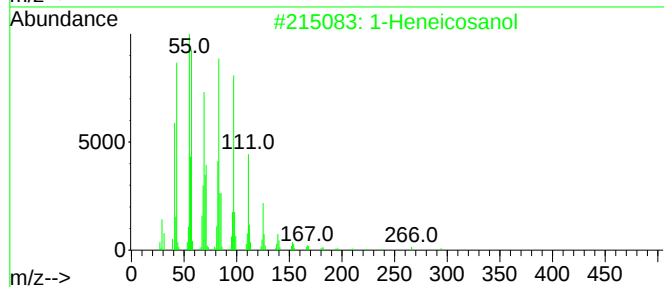
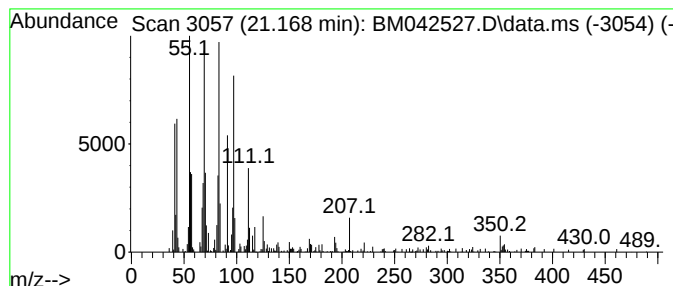
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Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.168	5.95 ng	225141	Chrysene-d12	21.503

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	90
2			Behenic alcohol	326	C22H46O	000661-19-8	64
3			Eicosyl methyl ether	312	C21H44O	1000406-29-4	62
4			Cyclohexane, 1,1'-(2-propyl-1,3-...	250	C18H34	055030-21-2	58
5			Cyclotetracosane	336	C24H48	000297-03-0	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.010	7.4	ng	162533	1	7.922	441809	20.0
n-Hexadecanoic ...	18.174	10.3	ng	362339	4	17.321	700936	20.0
Octadecanoic acid	19.451	4.4	ng	168153	5	21.503	756811	20.0
1-Heneicosanol	21.168	6.0	ng	225141	5	21.503	756811	20.0