

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041921.D
 Acq On : 20 Sep 2023 02:17
 Operator : MA/JU
 Sample : 04343-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1-14TH-STREET

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-BM091823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041921.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	306	318	326	rBV	1428875	1957552	9.61%	2.219%
2	5.498	385	393	403	rBV	2683811	3777269	18.55%	4.281%
3	7.104	657	666	678	rBV	1714417	2727169	13.39%	3.091%
4	7.963	802	812	821	rBV	1333237	2198179	10.79%	2.491%
5	9.157	1005	1015	1026	rBV	4766714	7934934	38.96%	8.993%
6	10.780	1282	1291	1298	rBV	1816258	3109996	15.27%	3.525%
7	13.227	1700	1707	1714	rBV	11343625	17168713	84.30%	19.458%
8	14.610	1932	1942	1948	rBV	2767215	4109116	20.18%	4.657%
9	16.098	2189	2195	2209	rBV	6009908	9046618	44.42%	10.253%
10	16.727	2296	2302	2307	rVB4	152020	286133	1.40%	0.324%
11	17.356	2404	2409	2415	rBV	3206707	4676526	22.96%	5.300%
12	18.203	2549	2553	2563	rBV	1098139	1570948	7.71%	1.780%
13	19.480	2766	2770	2783	rBV	357524	577974	2.84%	0.655%
14	19.968	2848	2853	2859	rBV	15432701	20366094	100.00%	23.082%
15	21.192	3058	3061	3072	rVB	1055214	1297897	6.37%	1.471%
16	21.397	3093	3096	3101	rVB	321057	352445	1.73%	0.399%
17	21.533	3114	3119	3124	rVB	2972435	3803076	18.67%	4.310%
18	23.950	3524	3530	3538	rVB	1572801	3273978	16.08%	3.711%

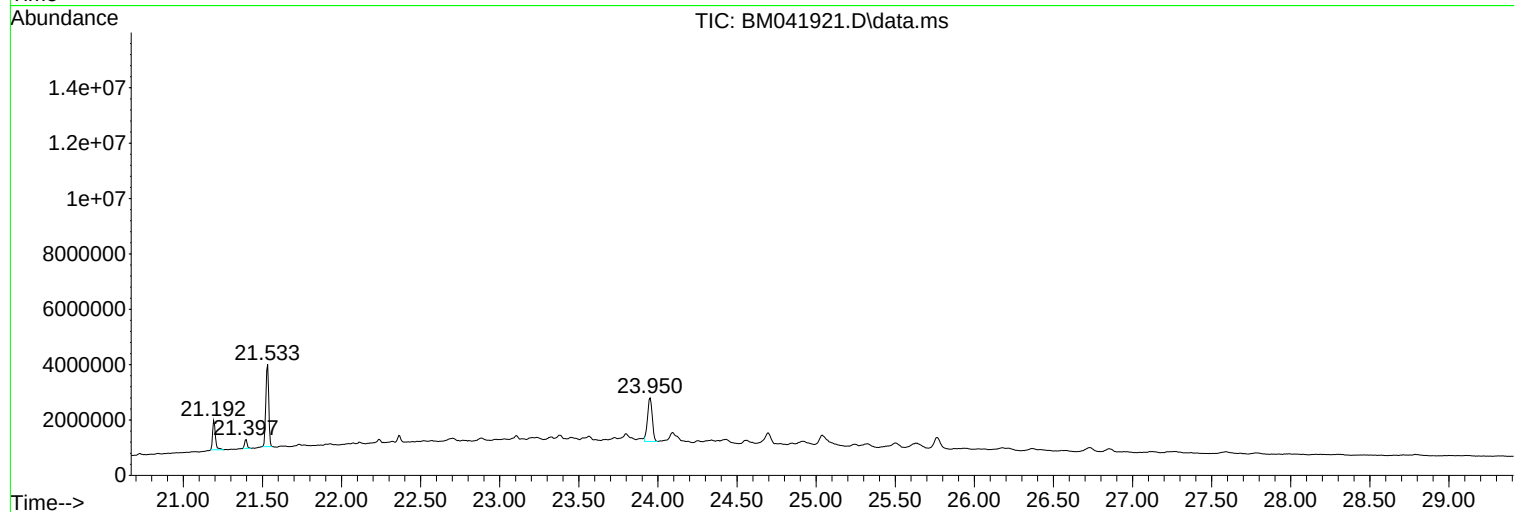
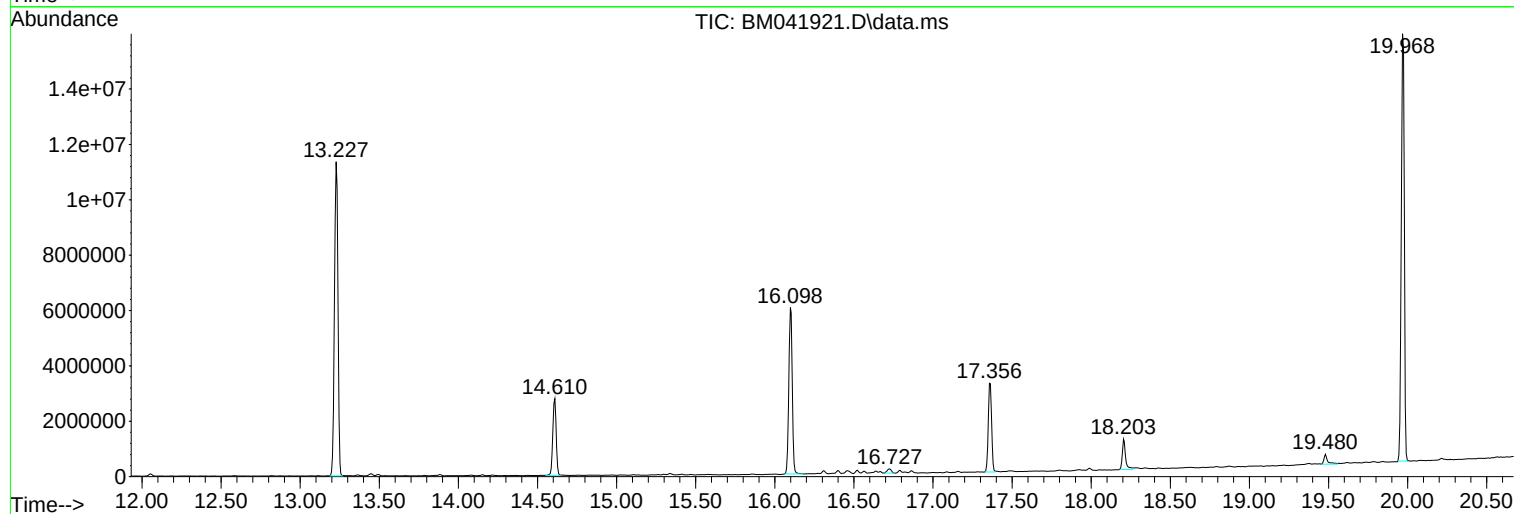
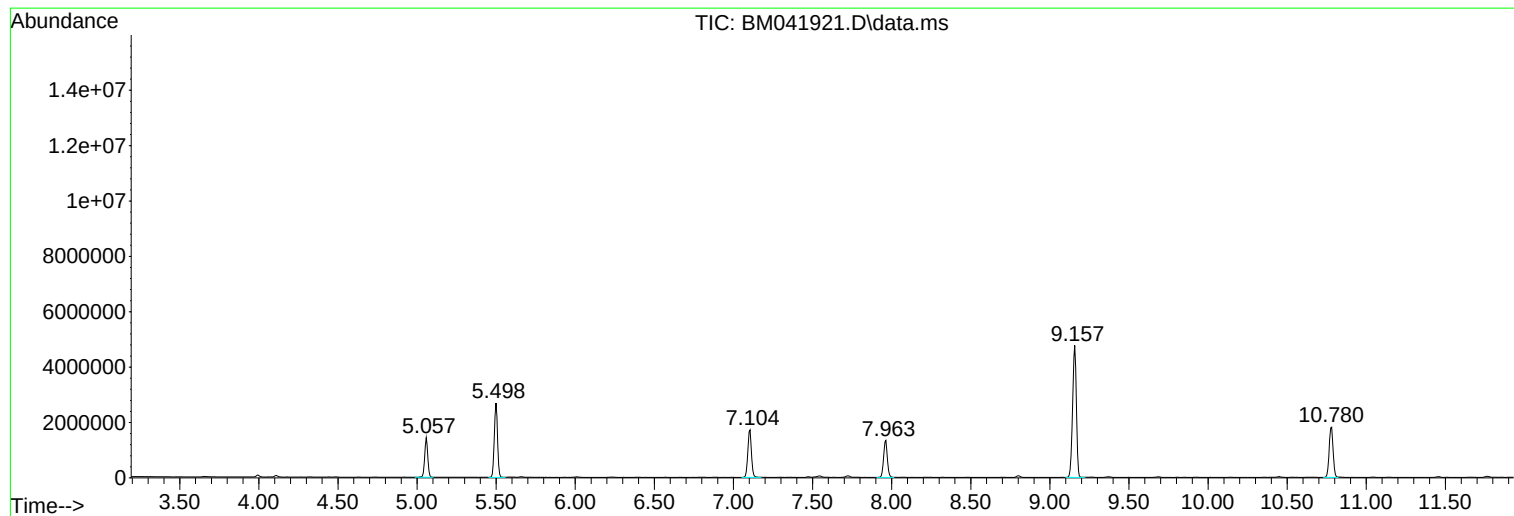
Sum of corrected areas: 88234617

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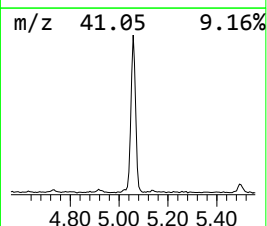
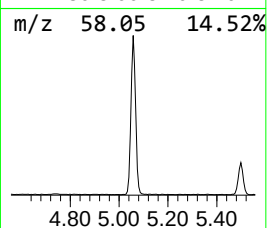
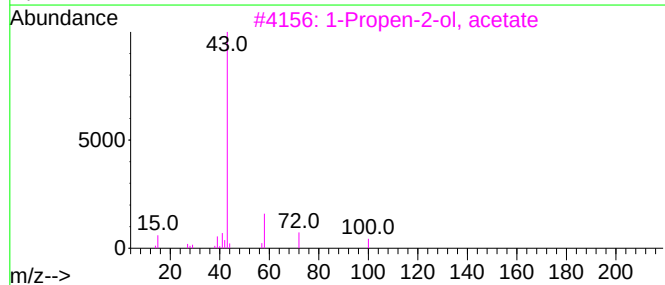
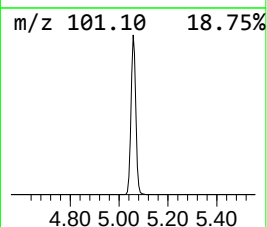
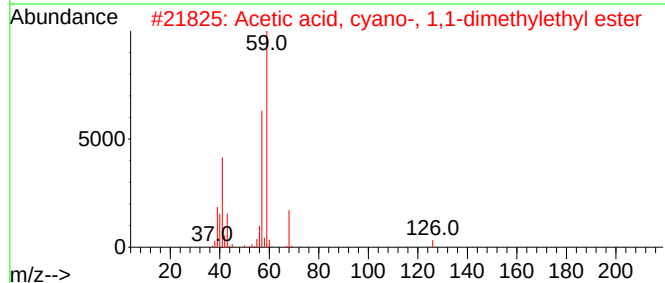
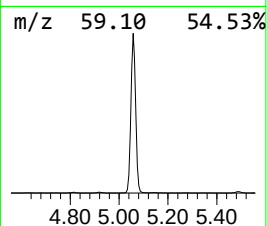
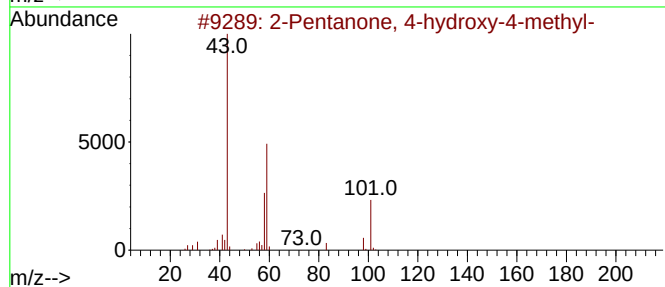
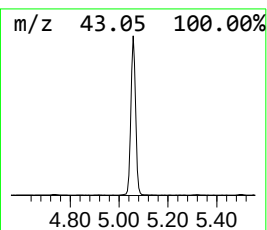
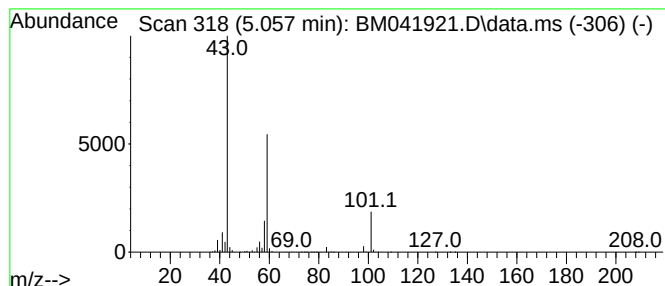
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	17.81 ng	1957550	1,4-Dichlorobenzene-d4	7.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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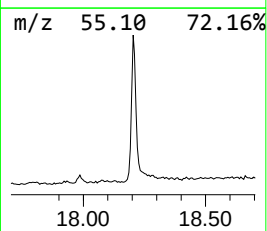
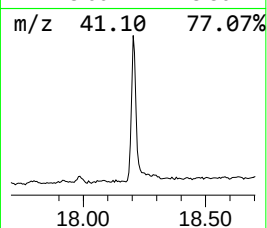
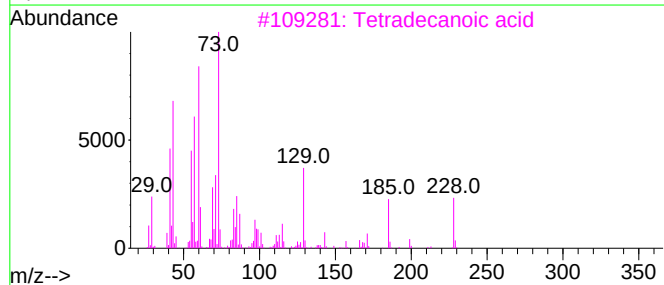
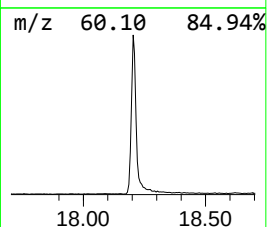
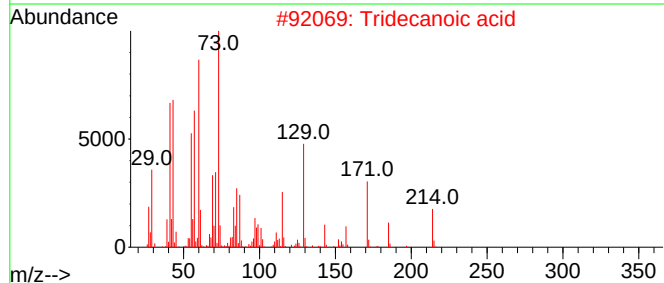
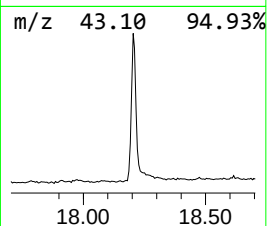
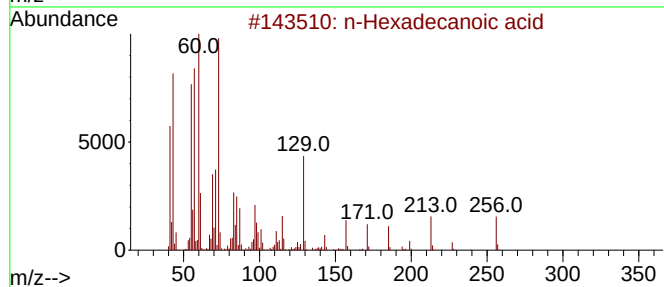
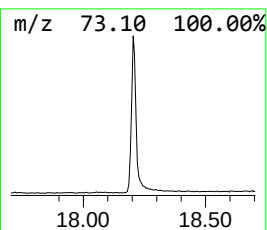
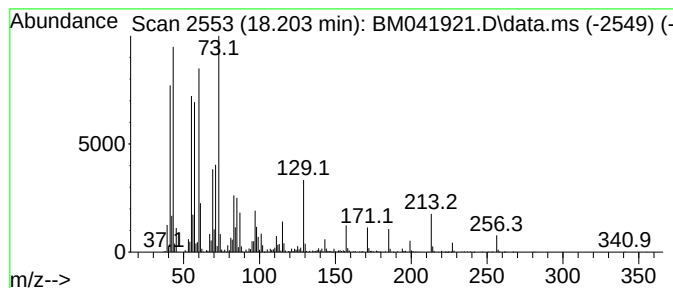
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	6.72 ng	1570950	Phenanthrene-d10	17.357

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	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



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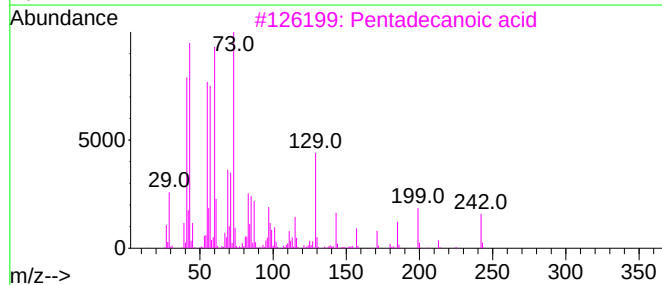
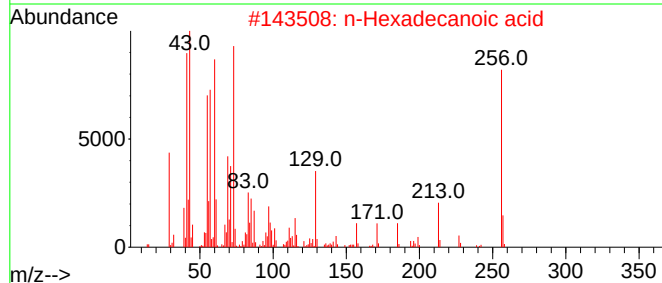
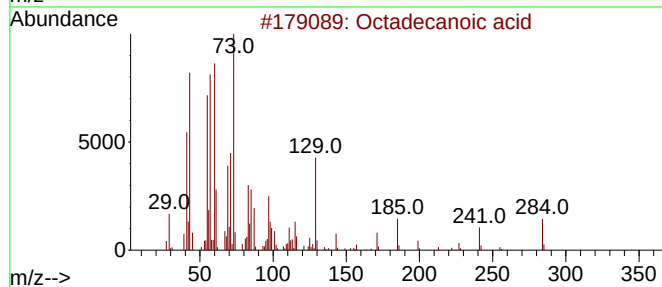
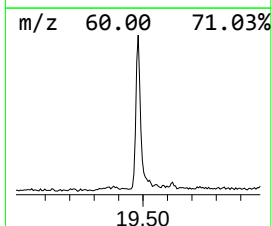
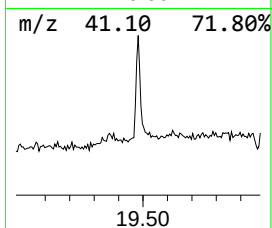
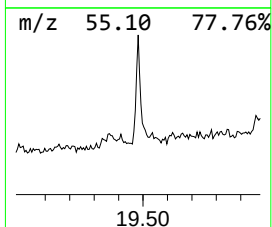
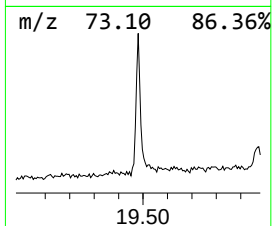
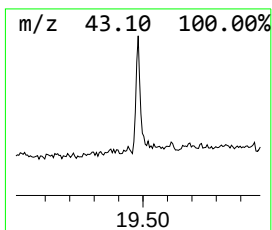
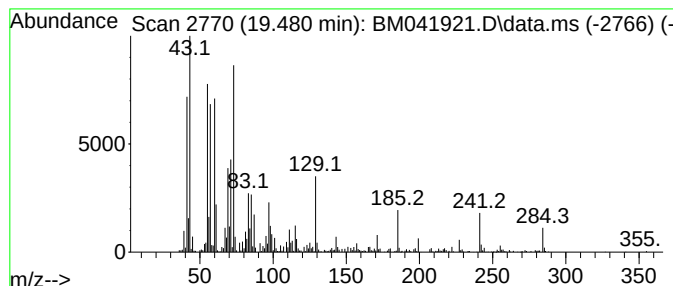
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	3.04 ng	577974	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	53
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	49



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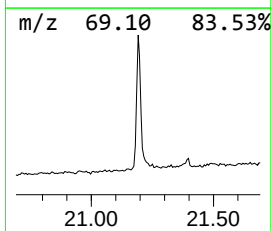
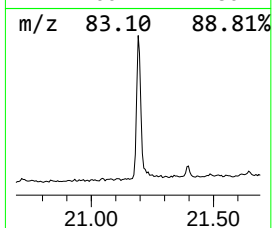
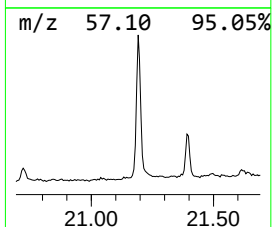
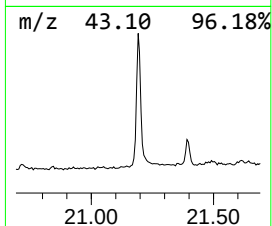
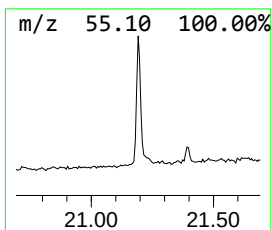
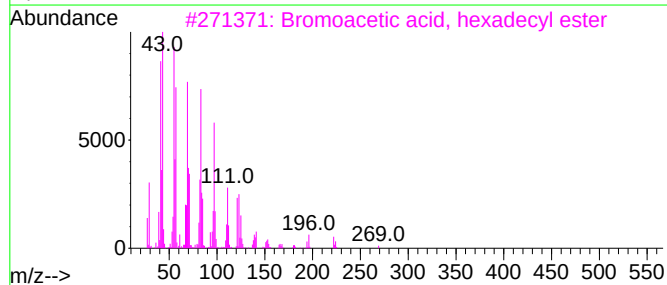
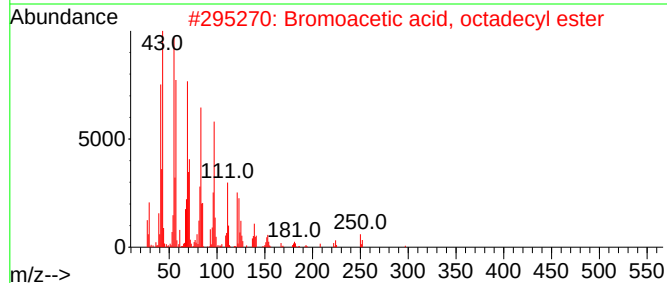
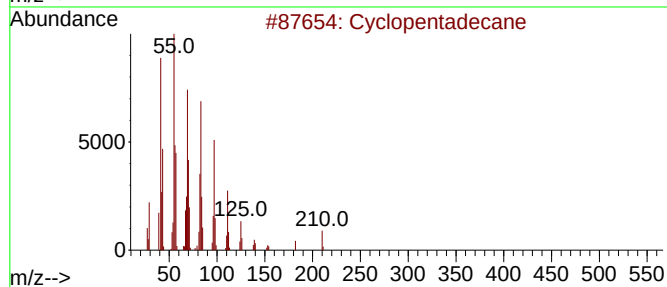
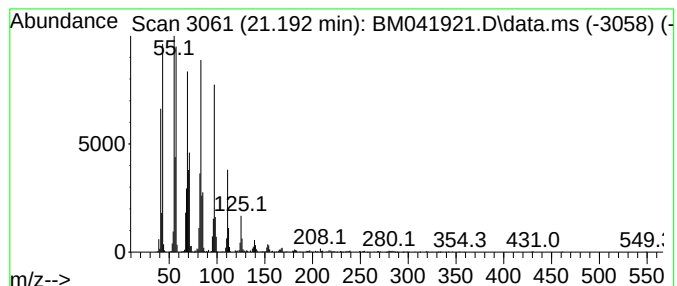
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Peak Number 4 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	6.83 ng	1297900	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	96
2			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.057	17.8	ng	1957550	1	7.963	2198180	20.0
n-Hexadecanoic ...	18.203	6.7	ng	1570950	4	17.357	4676530	20.0
Octadecanoic acid	19.480	3.0	ng	577974	5	21.533	3803080	20.0
Cyclopentadecane	21.192	6.8	ng	1297900	5	21.533	3803080	20.0