

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041919.D
 Acq On : 20 Sep 2023 01:04
 Operator : MA/JU
 Sample : 04299-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-01

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: BM041919.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	308	318	330	rBV	1434627	1961758	8.93%	2.124%
2	5.498	386	393	405	rBV	2821872	3988939	18.16%	4.319%
3	7.104	658	666	677	rBV	2092827	3254158	14.82%	3.523%
4	7.963	803	812	822	rBV	1277519	2030137	9.24%	2.198%
5	9.157	1005	1015	1025	rBV	4414018	7313947	33.30%	7.918%
6	10.780	1282	1291	1297	rBV	1713821	2872547	13.08%	3.110%
7	13.227	1700	1707	1717	rVB	10790026	16110832	73.36%	17.442%
8	14.610	1935	1942	1948	rBV	2641285	3885353	17.69%	4.206%
9	16.098	2186	2195	2207	rBV	6075503	9038986	41.16%	9.786%
10	17.362	2403	2410	2415	rBV	3231346	4692191	21.37%	5.080%
11	18.209	2548	2554	2563	rBV2	1475646	2262993	10.30%	2.450%
12	19.480	2765	2770	2781	rBV	499924	784022	3.57%	0.849%
13	19.774	2816	2820	2826	rVB	246829	328810	1.50%	0.356%
14	19.968	2847	2853	2858	rBV	16366147	21960945	100.00%	23.775%
15	21.192	3056	3061	3067	rBV	1368258	1901171	8.66%	2.058%
16	21.533	3113	3119	3124	rBV	3773706	4975720	22.66%	5.387%
17	22.703	3315	3318	3323	rVB	224320	285683	1.30%	0.309%
18	23.950	3522	3530	3538	rVB	2278126	4720183	21.49%	5.110%

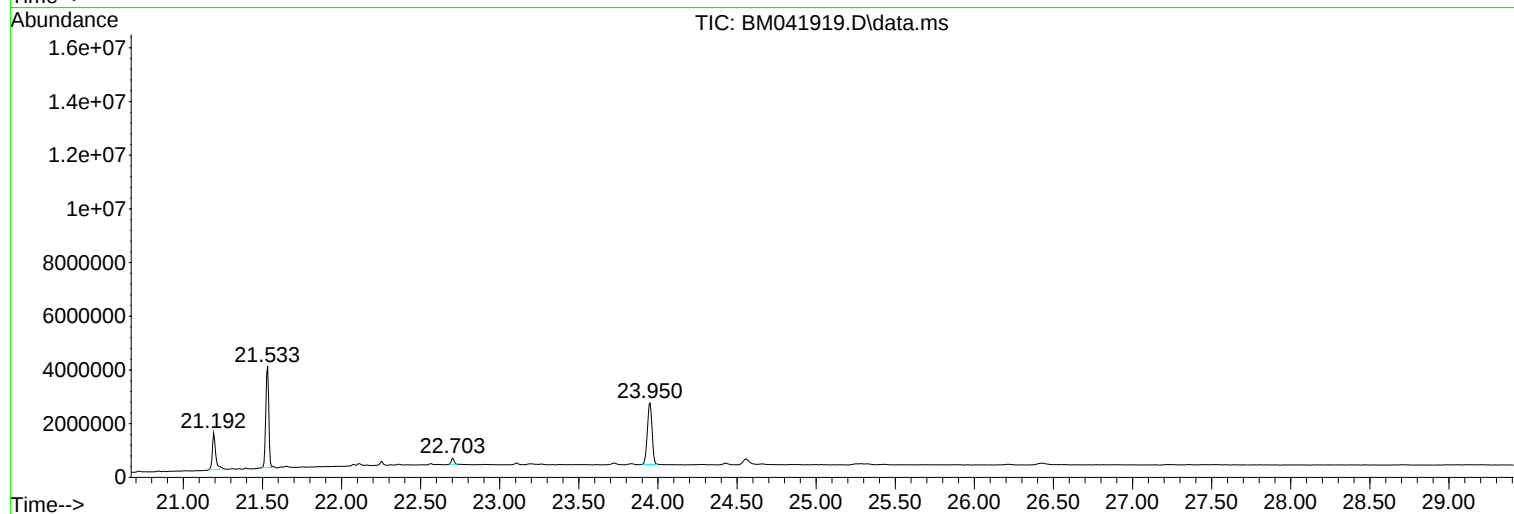
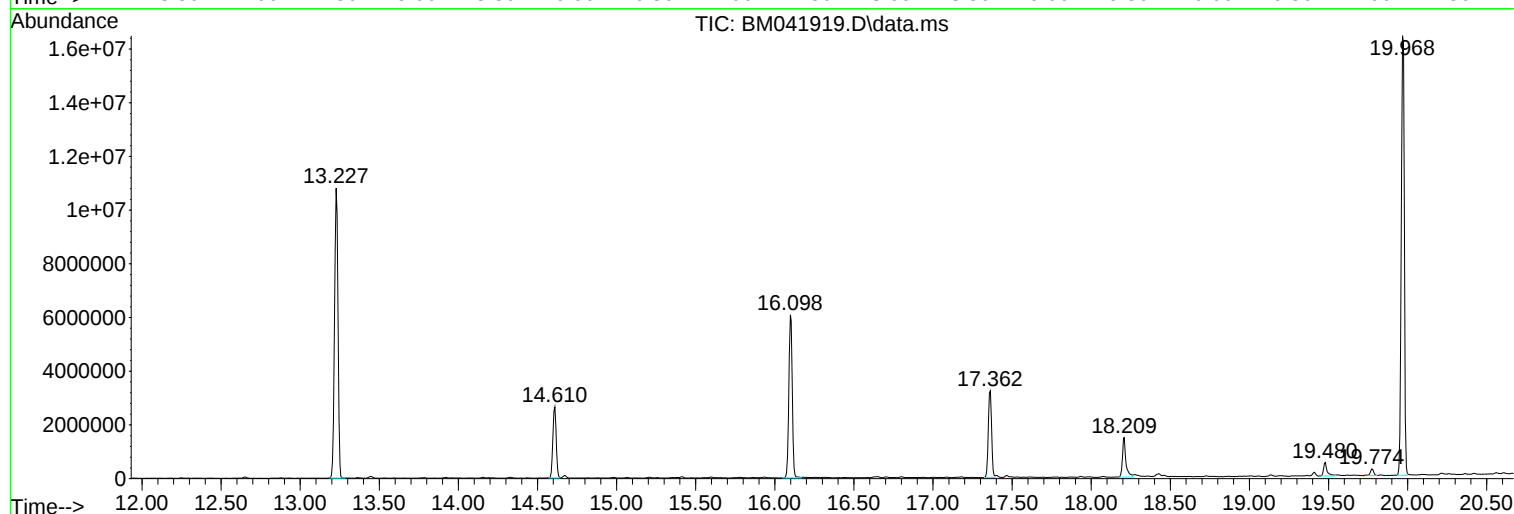
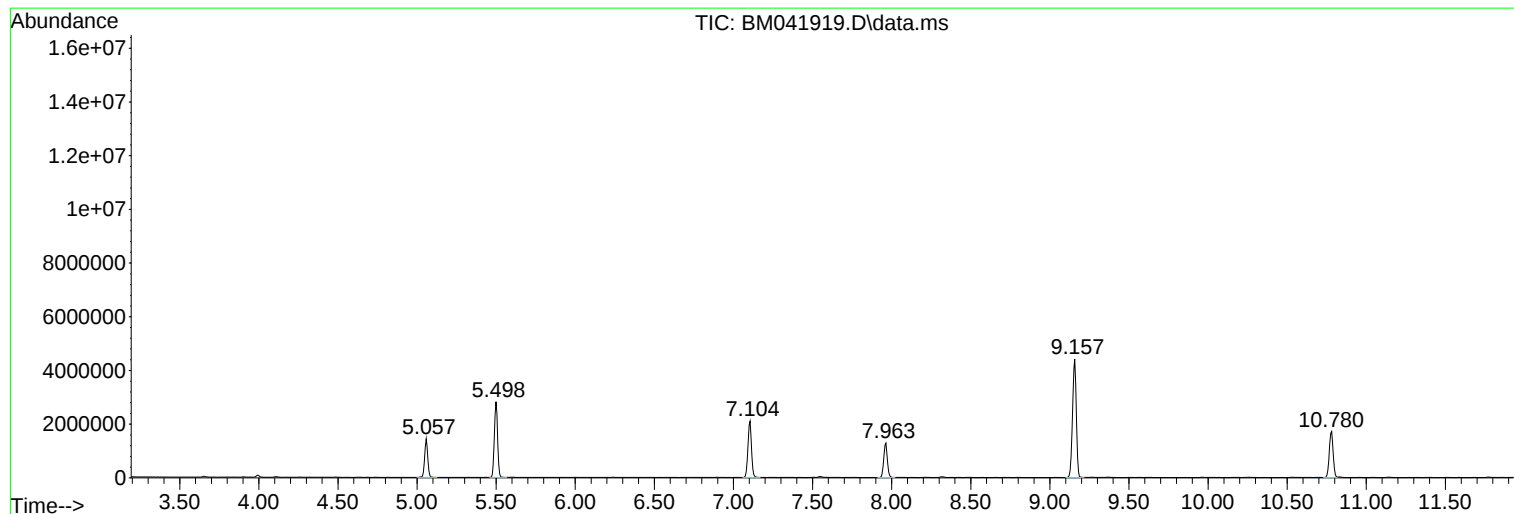
Sum of corrected areas: 92368375

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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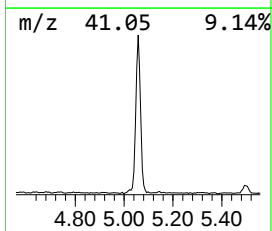
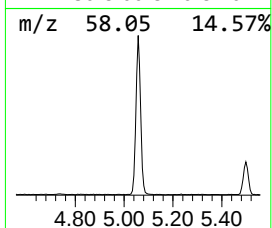
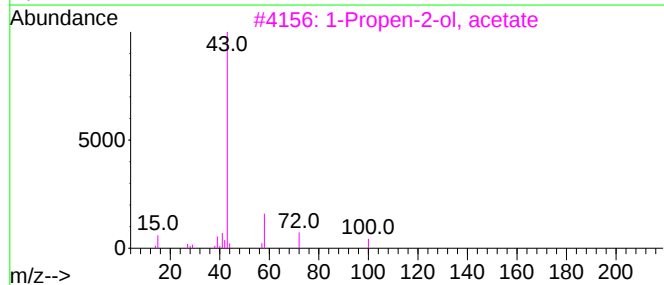
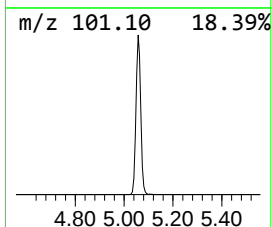
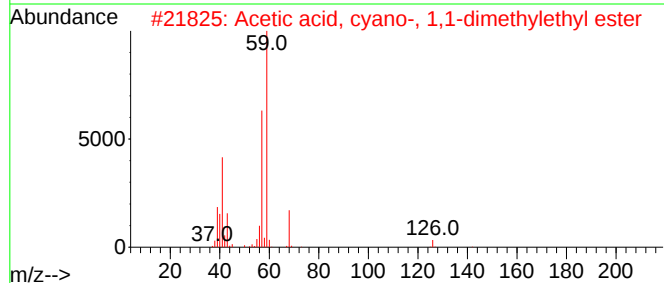
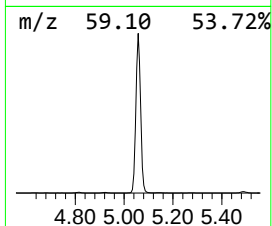
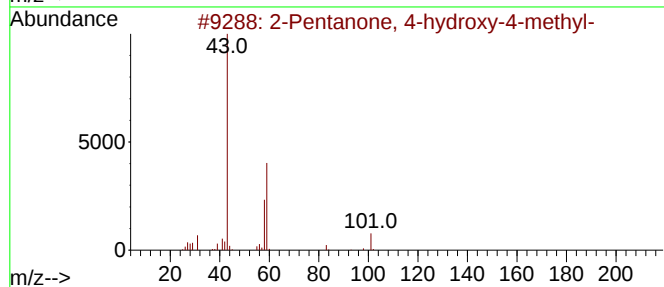
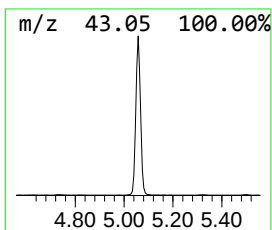
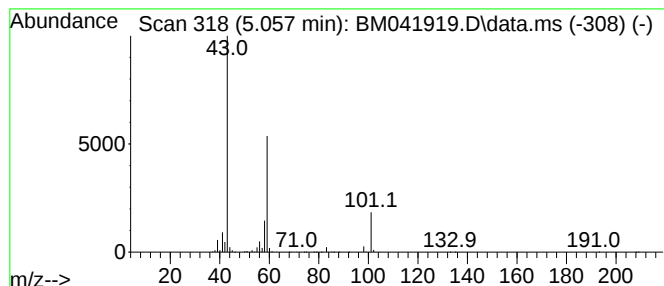
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	19.33 ng	1961760	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	45		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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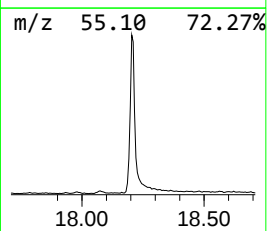
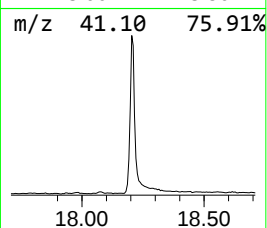
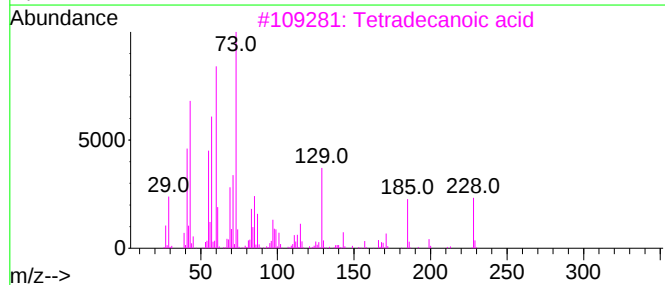
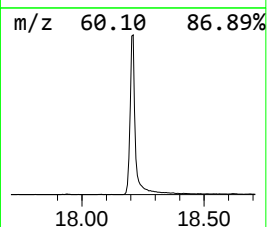
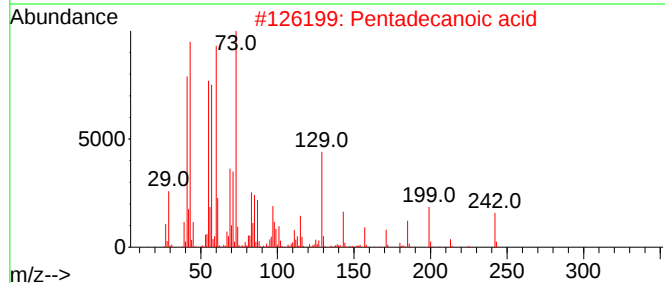
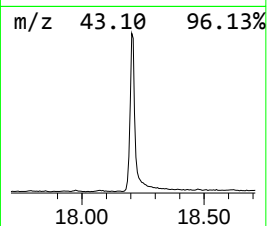
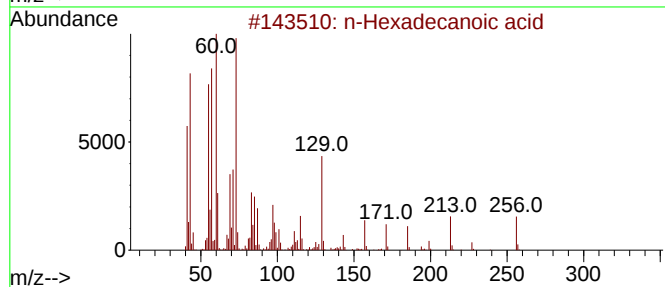
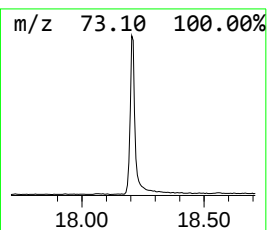
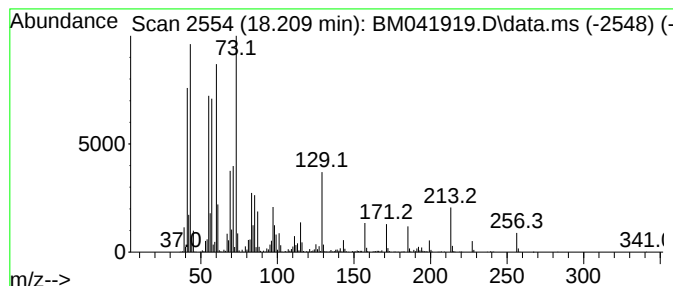
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	9.65 ng	2262990	Phenanthrene-d10	17.362

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Dodecanoic acid	200	C12H24O2	000143-07-7	68



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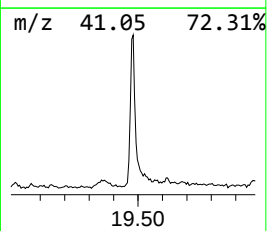
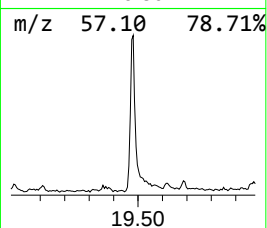
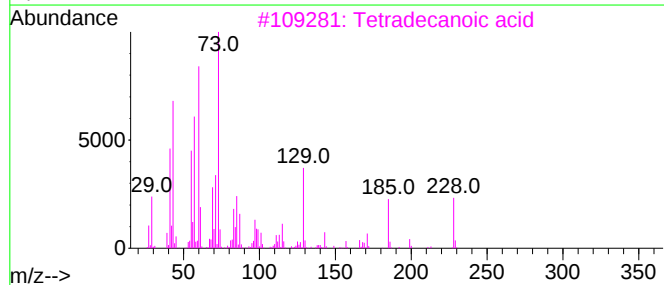
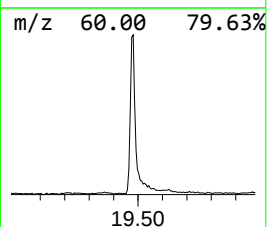
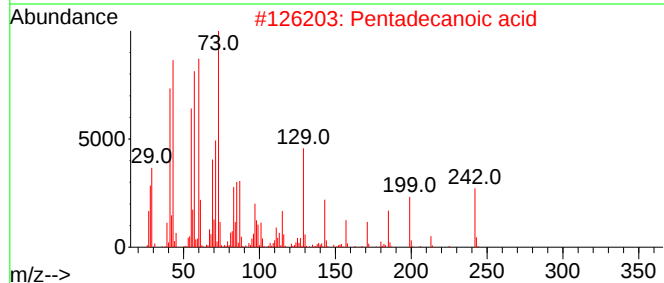
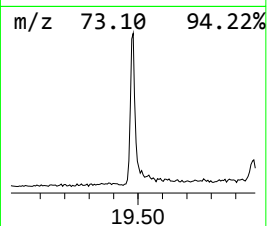
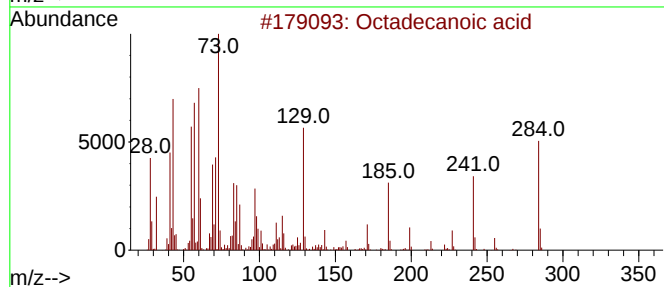
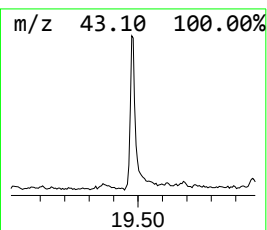
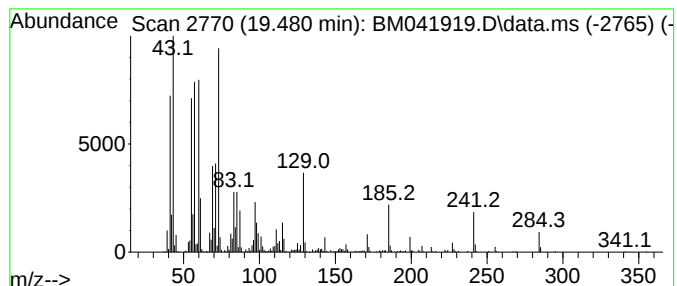
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	3.15 ng	784022	Chrysene-d12	21.533

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	90
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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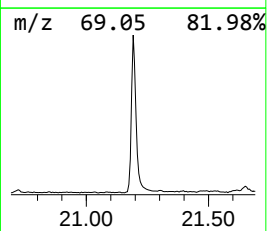
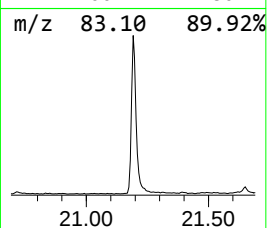
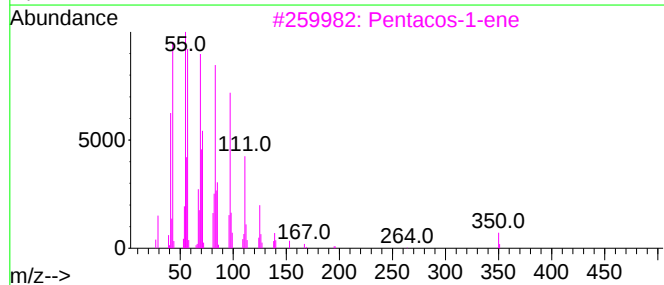
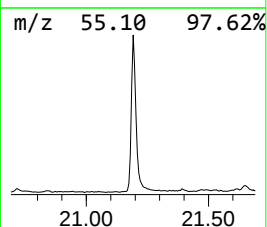
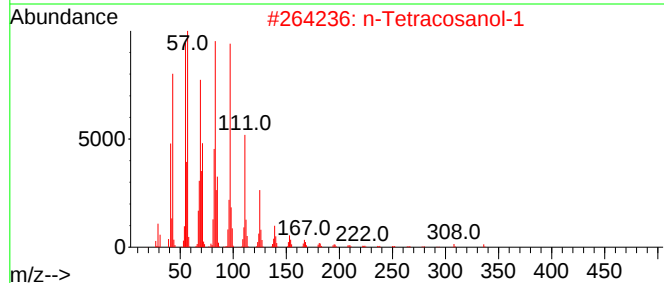
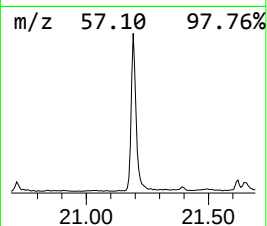
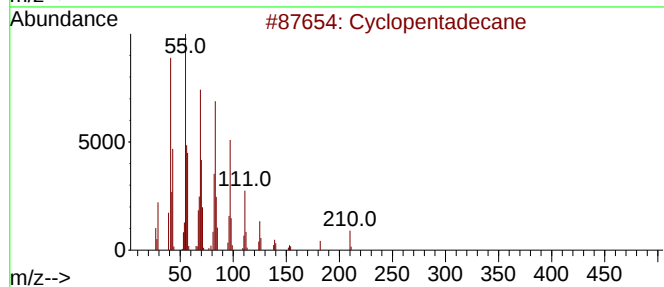
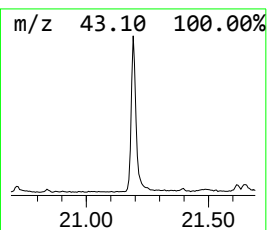
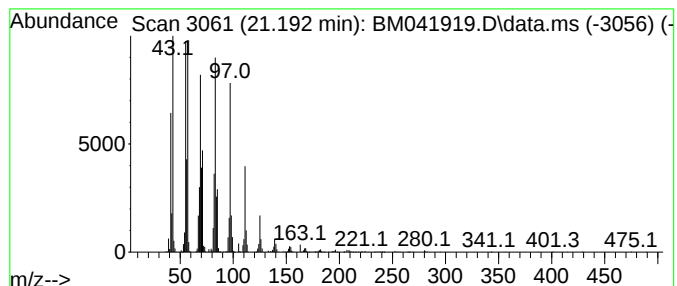
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Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	7.64 ng	1901170	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	96
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			Heptacos-1-ene	378	C27H54	015306-27-1	94
5			1-Heptacosanol	396	C27H56O	002004-39-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.057	19.3	ng	1961760	1	7.963	2030140	20.0
n-Hexadecanoic ...	18.209	9.7	ng	2262990	4	17.362	4692190	20.0
Octadecanoic acid	19.480	3.1	ng	784022	5	21.533	4975720	20.0
Cyclopentadecane	21.192	7.6	ng	1901170	5	21.533	4975720	20.0