

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042439.D
 Acq On : 25 Oct 2023 15:59
 Operator : MA/JU
 Sample : 04919-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B2-COMP-101723

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-BM102123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	316	320	328	rVB	215691	290194	5.10%	0.866%
2	5.516	389	396	408	rBV	1983858	2954797	51.98%	8.819%
3	7.145	665	673	687	rBV	1925625	3078665	54.16%	9.189%
4	7.992	810	817	826	rBV	519808	828772	14.58%	2.474%
5	9.186	1011	1020	1033	rBV	1204405	1979049	34.81%	5.907%
6	10.810	1289	1296	1312	rBV	649736	1110632	19.54%	3.315%
7	13.257	1705	1712	1724	rVB	2754423	3838932	67.53%	11.458%
8	13.480	1744	1750	1759	rBV2	33738	59695	1.05%	0.178%
9	14.633	1940	1946	1956	rVB	939494	1362166	23.96%	4.066%
10	16.127	2192	2200	2213	rBV	2242470	3099062	54.51%	9.250%
11	17.386	2407	2414	2423	rBV	1187814	1680900	29.57%	5.017%
12	18.233	2552	2558	2583	rBV	859025	1507430	26.52%	4.499%
13	19.409	2752	2758	2767	rBV8	44492	108164	1.90%	0.323%
14	19.509	2770	2775	2794	rBV	837632	1309842	23.04%	3.910%
15	19.998	2852	2858	2864	rBV	4755105	5684806	100.00%	16.968%
16	21.227	3062	3067	3078	rBV	319173	576841	10.15%	1.722%
17	21.562	3120	3124	3132	rVB	1469818	1972846	34.70%	5.888%
18	24.027	3536	3543	3553	rVB	989563	2061236	36.26%	6.152%

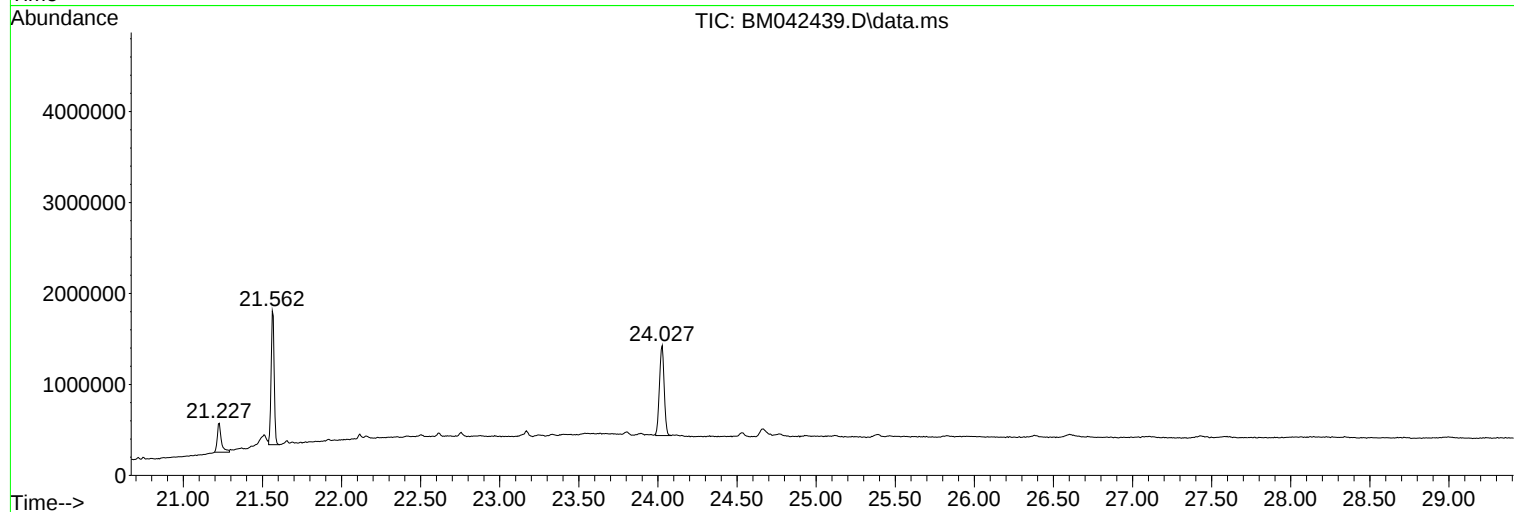
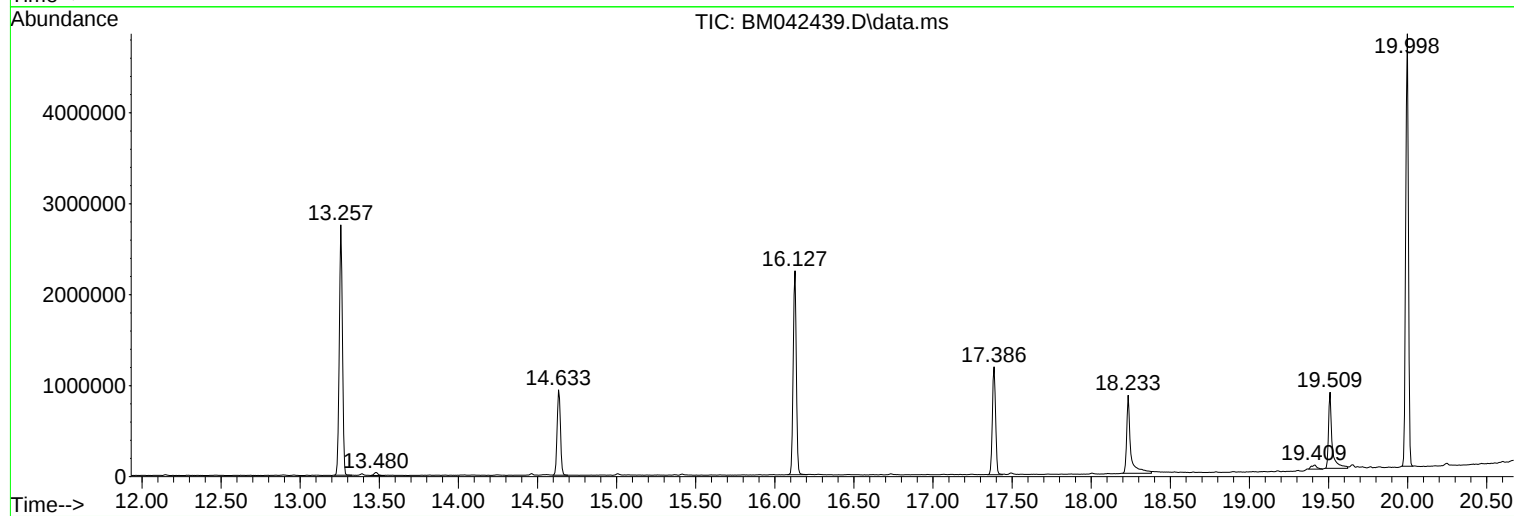
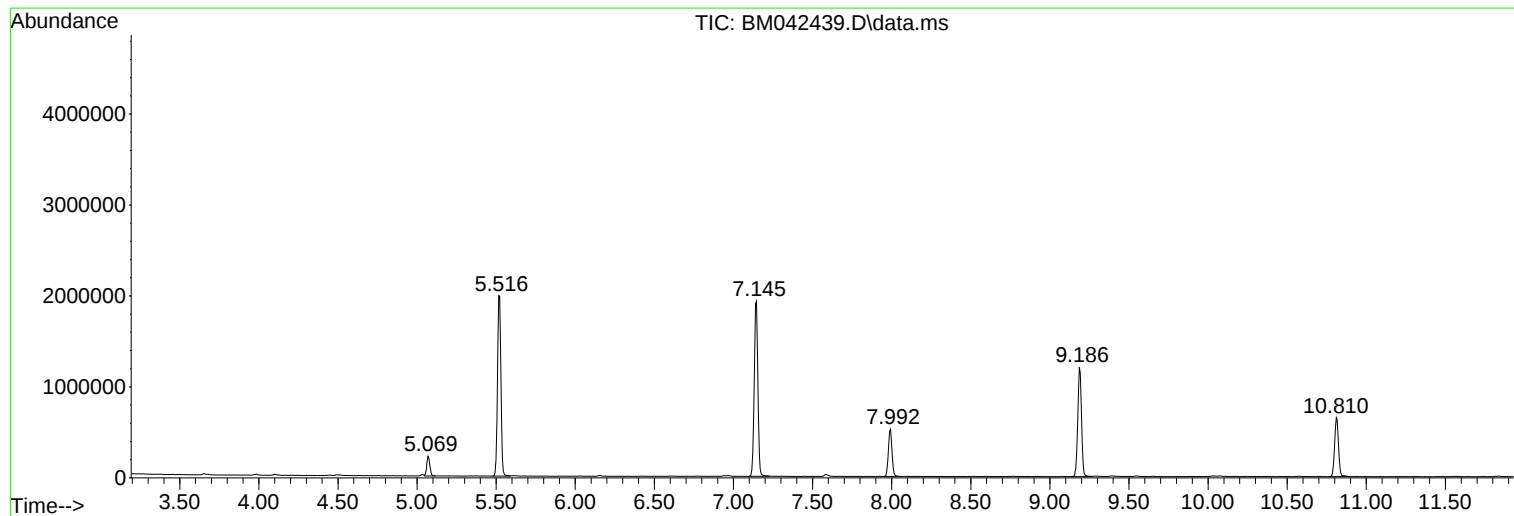
Sum of corrected areas: 33504029

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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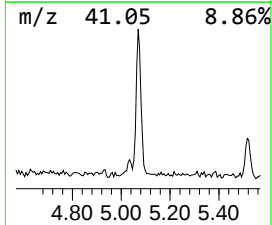
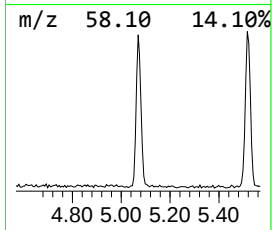
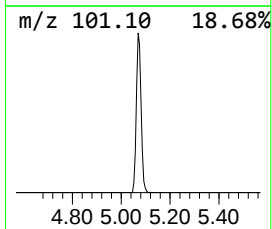
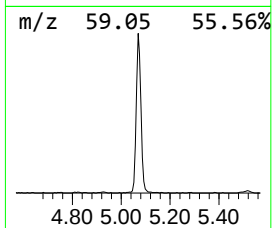
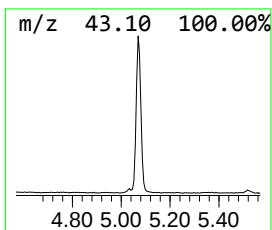
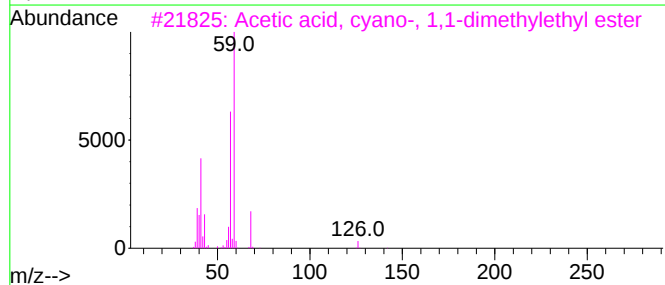
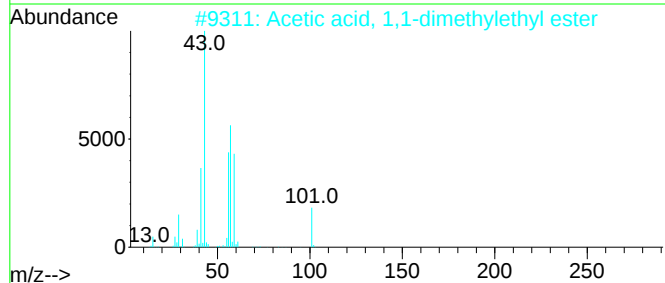
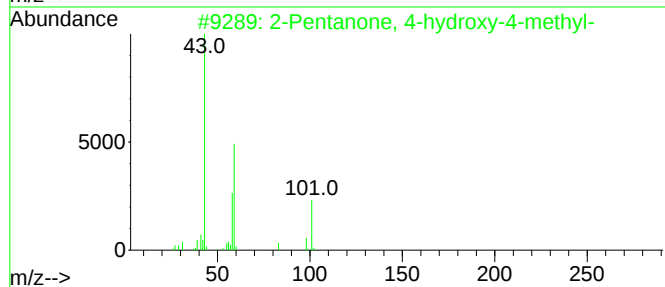
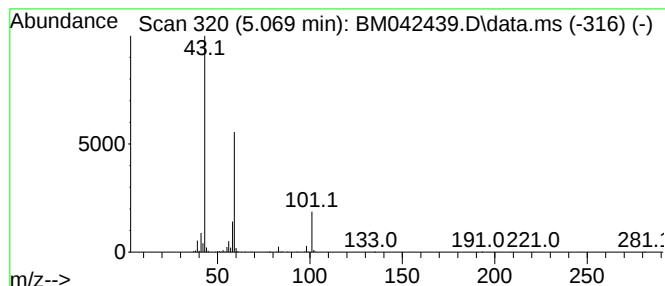
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	7.00 ng	290194	1,4-Dichlorobenzene-d4	7.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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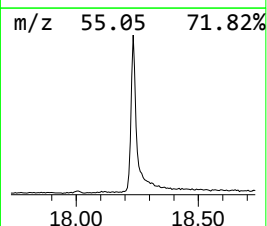
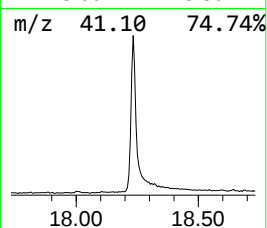
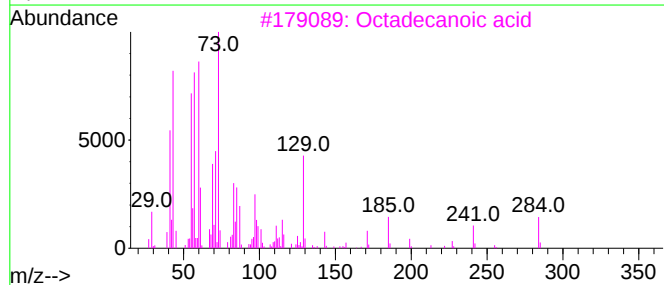
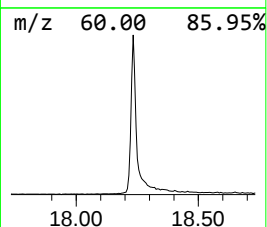
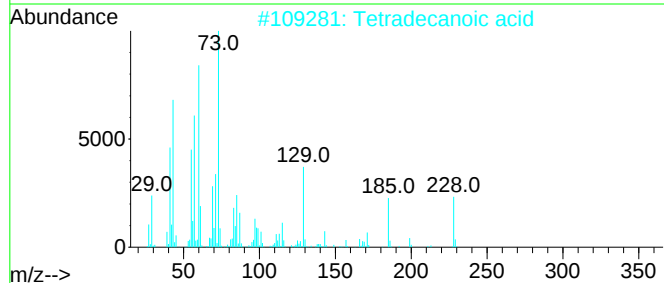
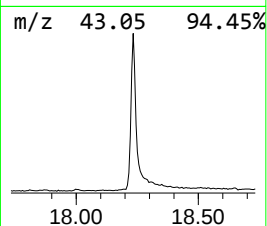
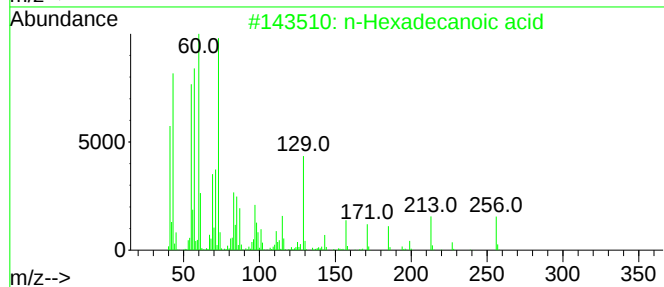
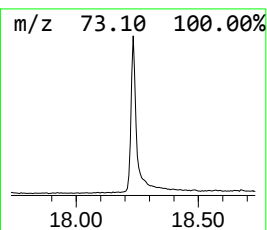
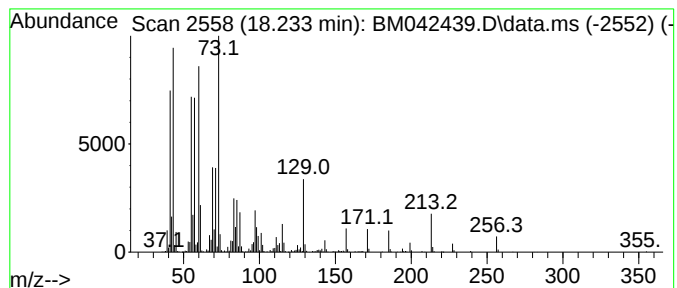
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	17.94 ng	1507430	Phenanthrene-d10	17.386

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	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	87



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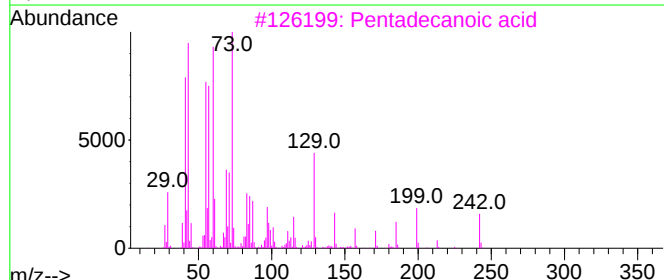
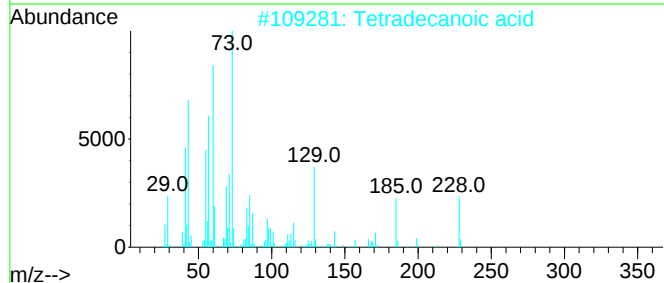
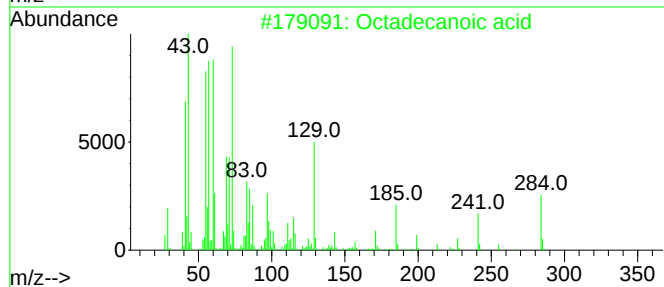
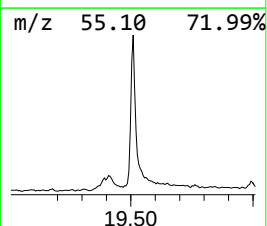
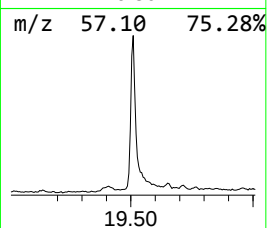
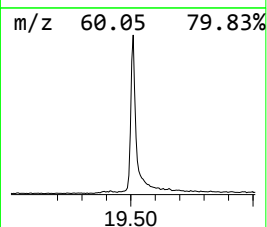
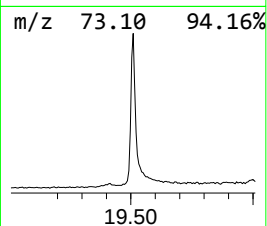
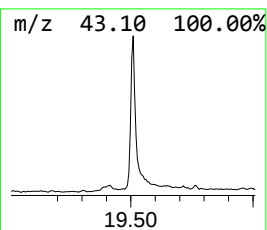
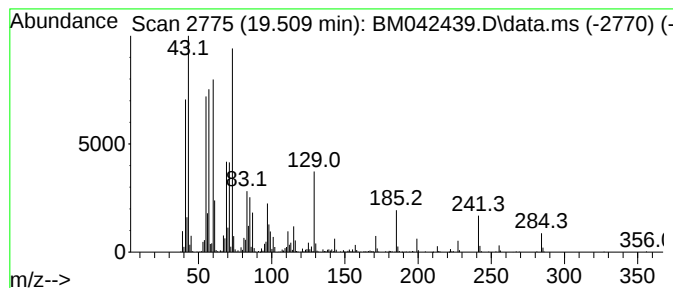
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.509	13.28 ng	1309840	Chrysene-d12	21.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



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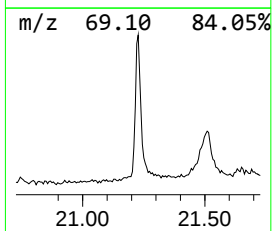
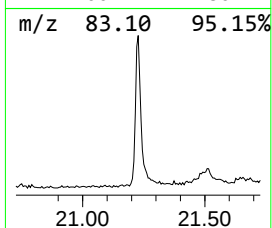
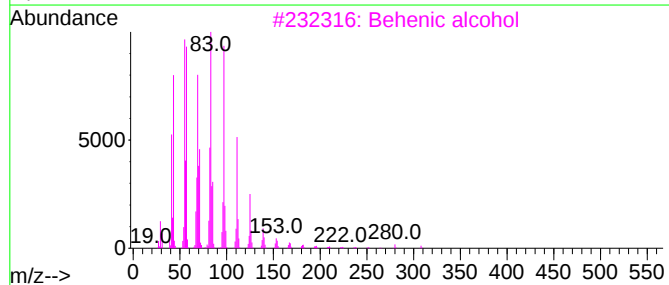
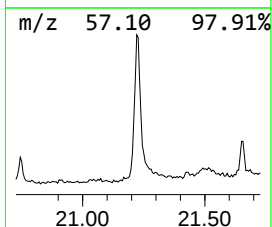
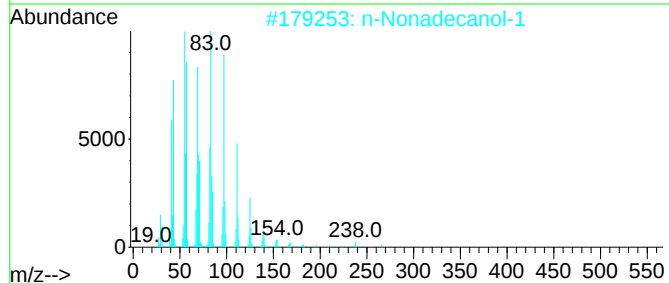
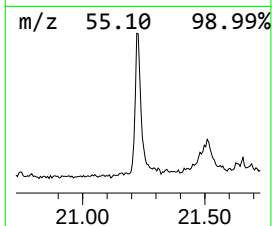
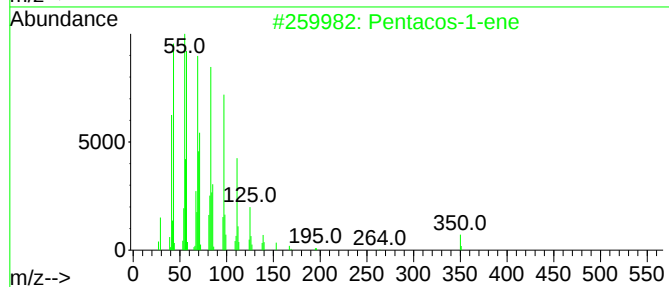
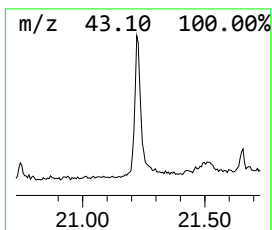
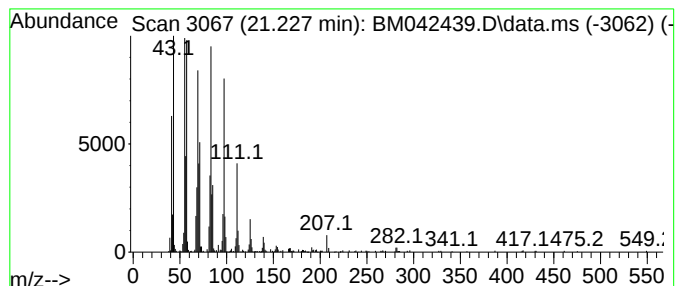
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Peak Number 4 Pentacos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	5.85 ng	576841	Chrysene-d12	21.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacos-1-ene	350	C25H50	016980-85-1	94
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			E-14-Hexadecenal	238	C16H30O	330207-53-9	92



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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-...	5.069	7.0	ng	290194	1	7.992	828772	20.0
n-Hexadecanoic ...	18.233	17.9	ng	1507430	4	17.386	1680900	20.0
Octadecanoic acid	19.509	13.3	ng	1309840	5	21.562	1972850	20.0
Pentacos-1-ene	21.227	5.8	ng	576841	5	21.562	1972850	20.0