

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037267.D
 Acq On : 29 Oct 2022 12:53
 Operator : CG/JU
 Sample : N5266-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20221100-204.1-SITE-WATER

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-BM102822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037267.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	315	322	331	rVB	474616	659748	2.36%	0.508%
2	5.440	394	400	412	rBV	5333621	7738408	27.69%	5.957%
3	7.045	666	673	687	rBV	4140629	6520013	23.33%	5.019%
4	7.869	806	813	821	rBV	1830613	2874109	10.28%	2.212%
5	9.045	1004	1013	1027	rBV	6523457	10493967	37.55%	8.078%
6	10.675	1282	1290	1298	rBV	2421044	3941909	14.10%	3.034%
7	13.133	1700	1708	1720	rBV	16461581	23212411	83.05%	17.868%
8	14.504	1934	1941	1952	rBV	3333540	4836000	17.30%	3.723%
9	15.992	2188	2194	2208	rBV	10945969	15609418	55.85%	12.016%
10	17.245	2401	2407	2419	rBV	3755396	5164892	18.48%	3.976%
11	18.139	2554	2559	2570	rBV	1350697	2501961	8.95%	1.926%
12	19.298	2749	2756	2761	rBV5	167450	465710	1.67%	0.358%
13	19.415	2771	2776	2794	rBV	4136229	6683736	23.91%	5.145%
14	19.868	2847	2853	2858	rBV	23861013	27949526	100.00%	21.515%
15	21.127	3063	3067	3076	rBV2	522790	735513	2.63%	0.566%
16	21.415	3112	3116	3122	rVB	3731454	4704167	16.83%	3.621%
17	23.780	3511	3518	3540	rVB2	2605779	5816687	20.81%	4.478%

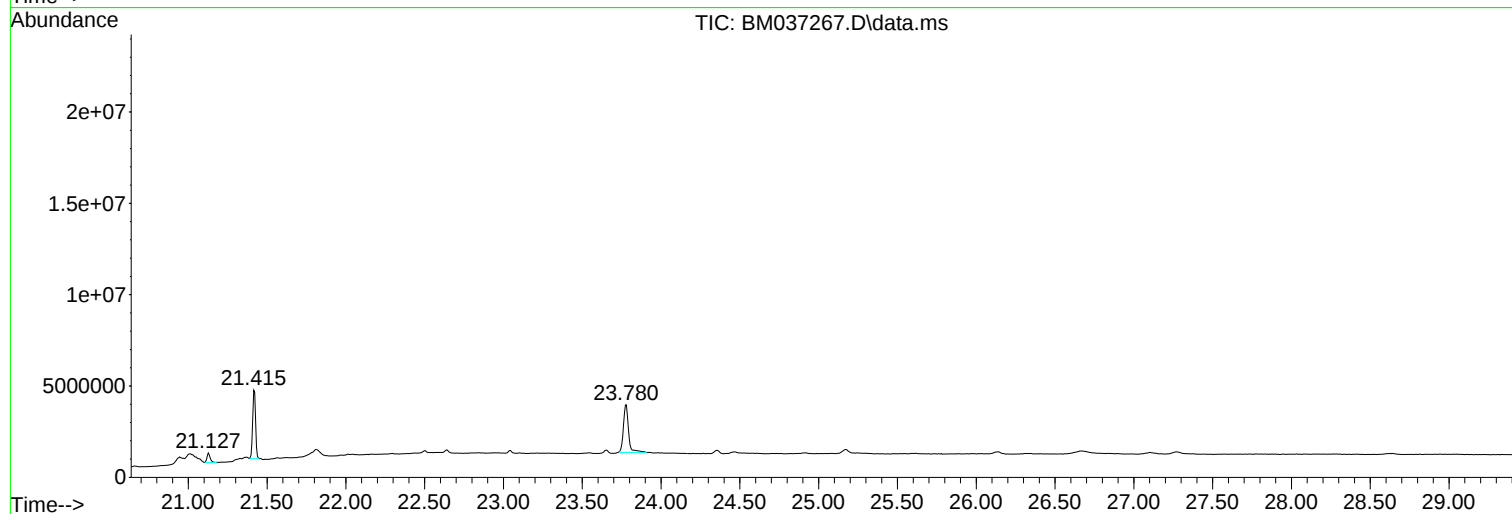
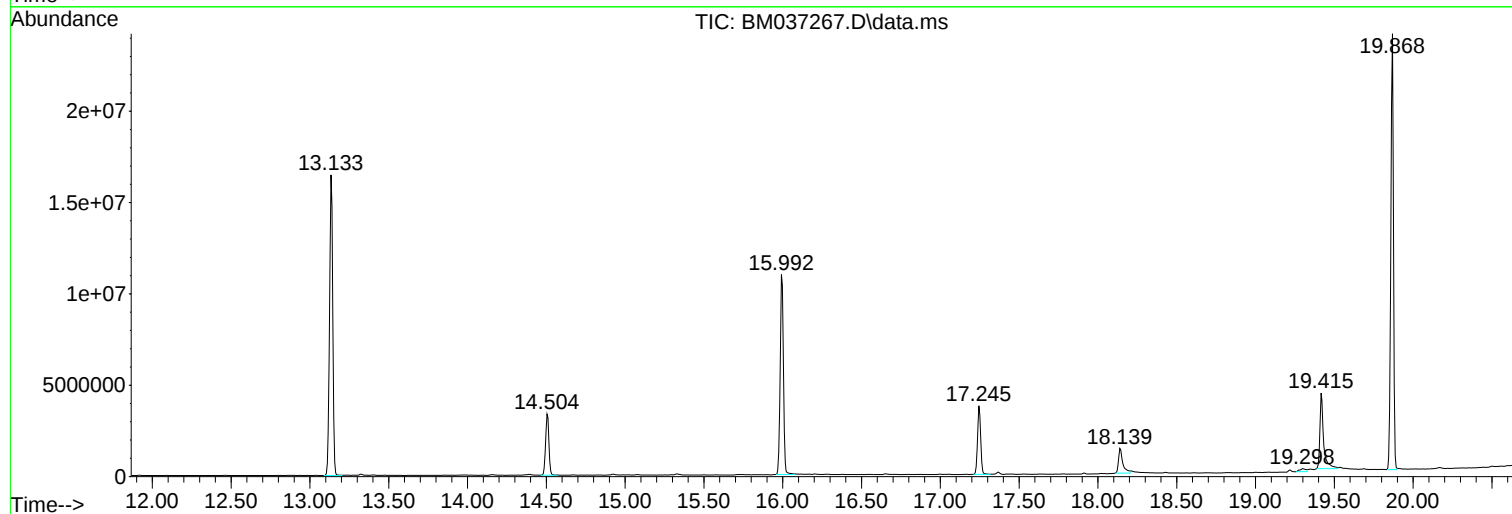
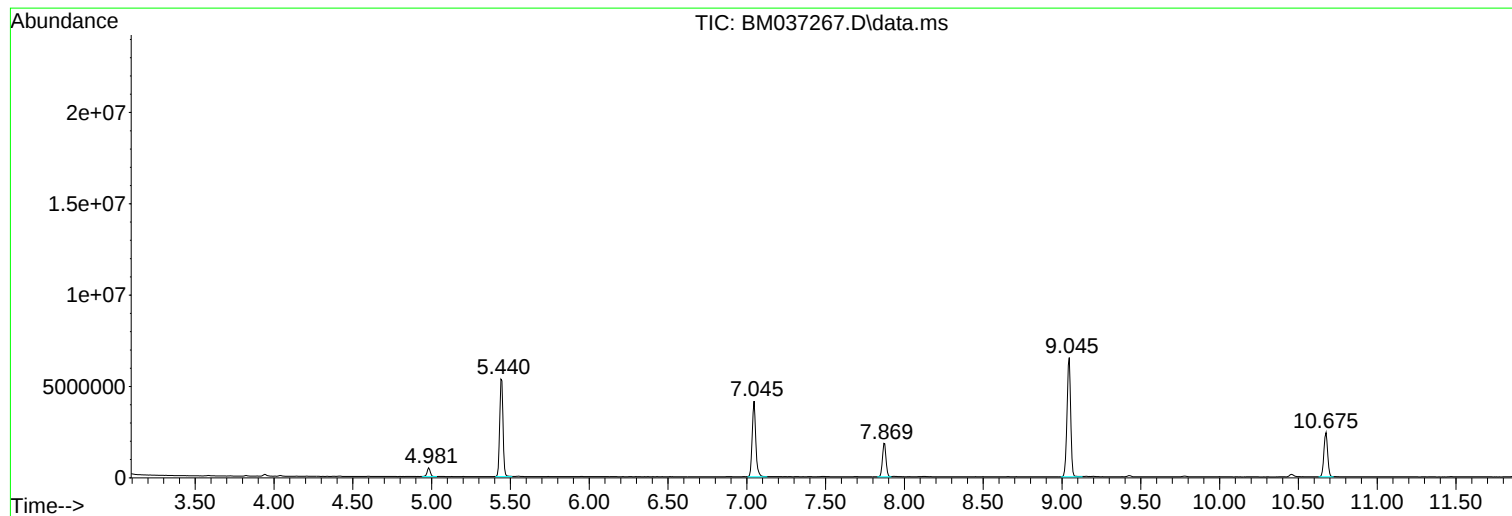
Sum of corrected areas: 129908175

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.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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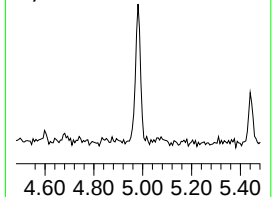
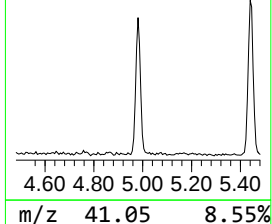
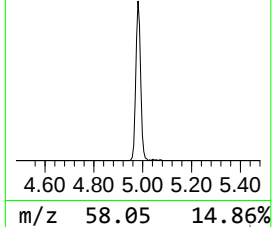
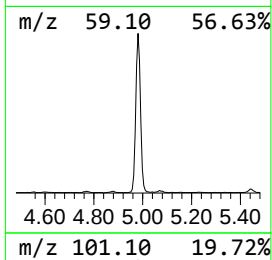
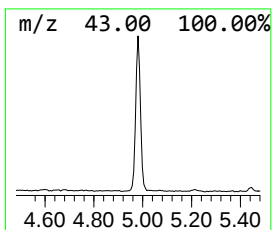
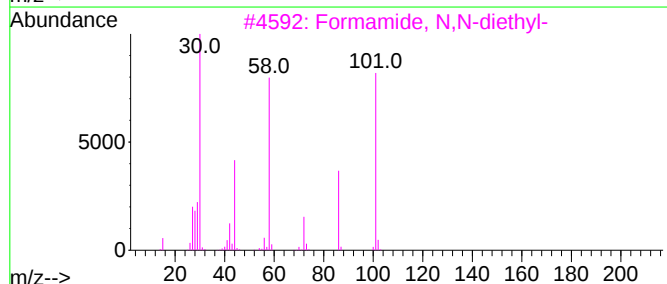
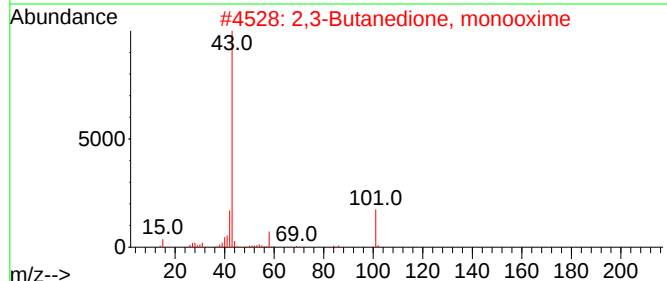
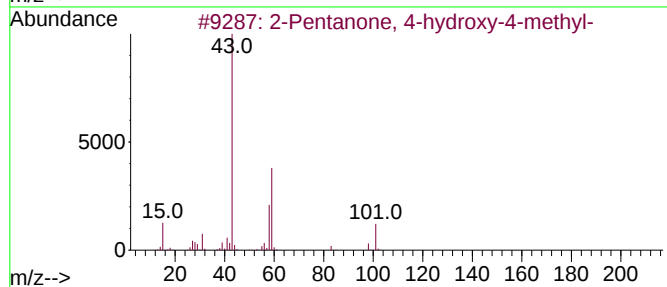
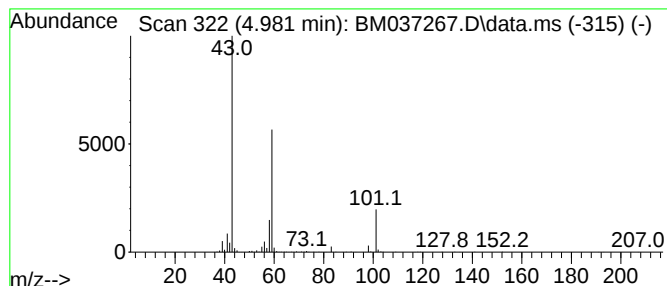
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.981	4.59 ng	659748	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
3	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9		



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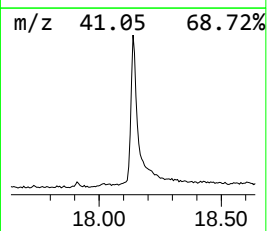
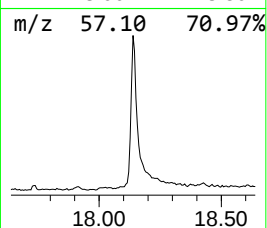
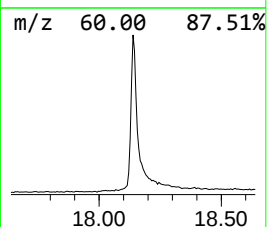
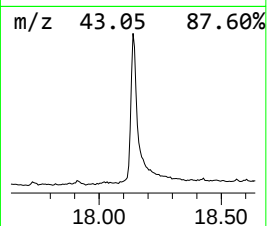
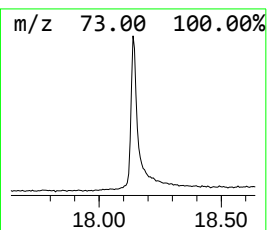
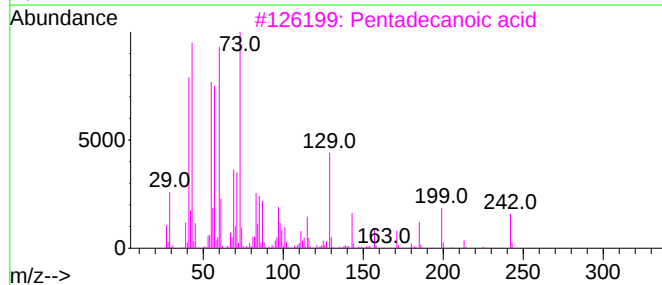
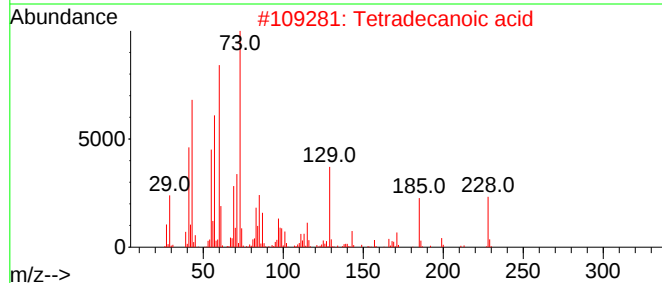
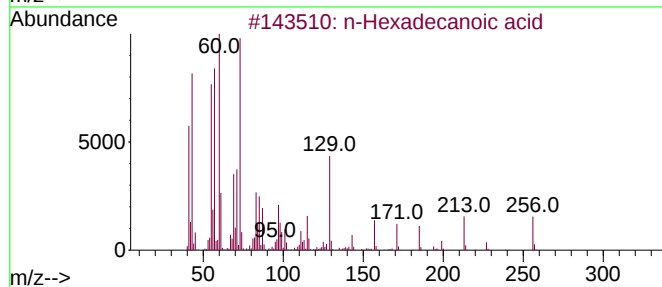
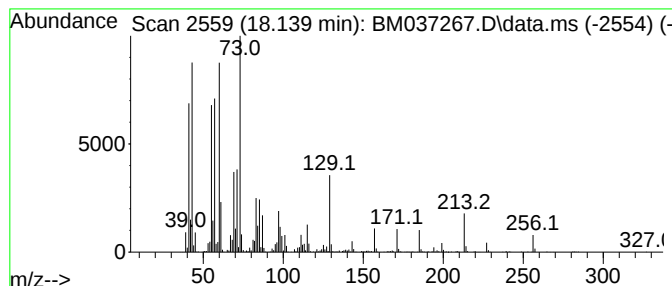
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	9.69 ng	2501960	Phenanthrene-d10	17.245

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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Nonanoic acid	158	C9H18O2	000112-05-0	38



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20221100-204.1-SITE-WATER

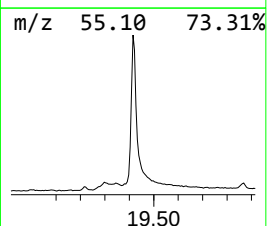
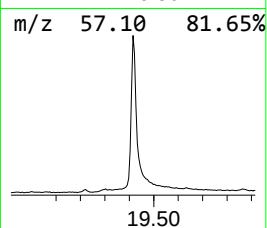
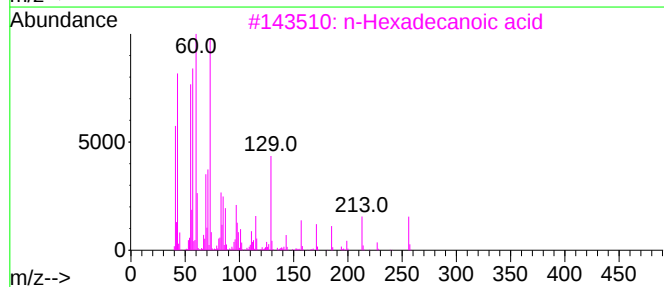
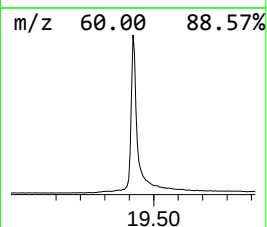
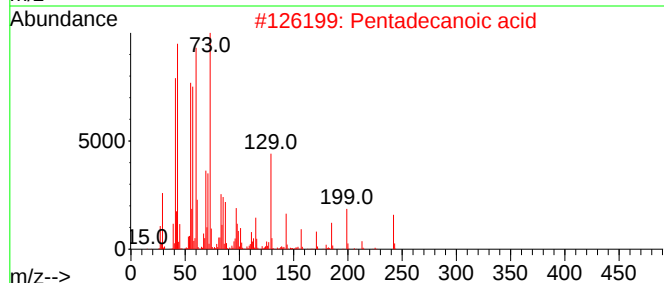
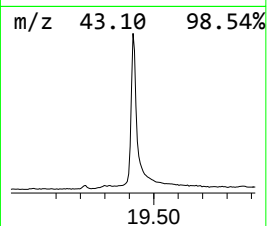
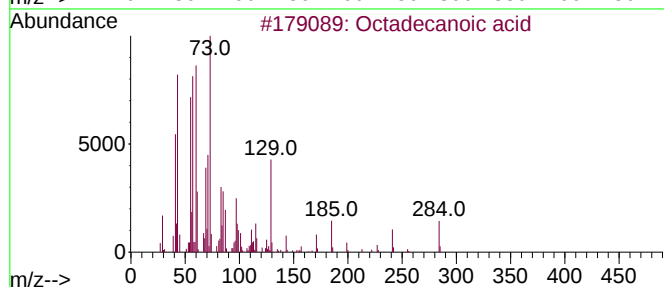
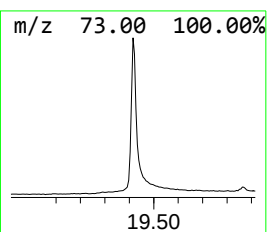
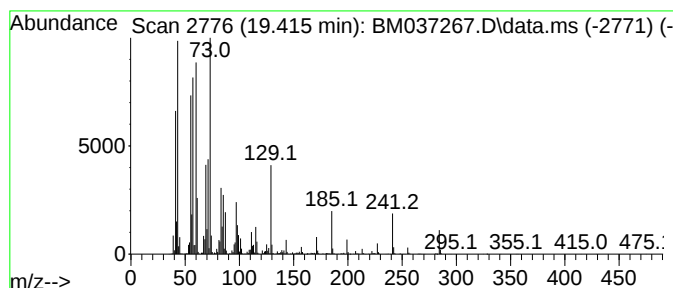
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Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	28.42 ng	6683740	Chrysene-d12	21.415

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	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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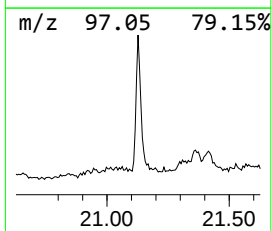
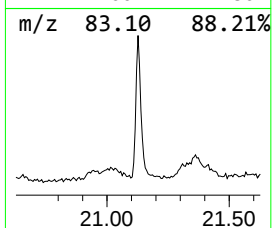
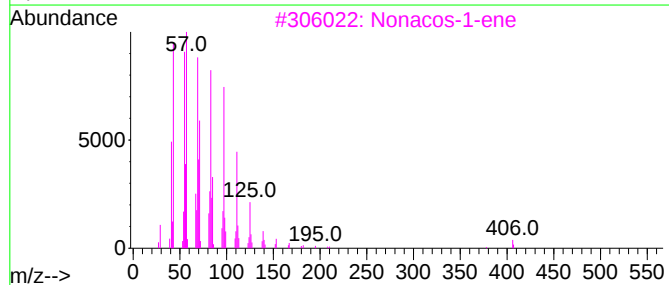
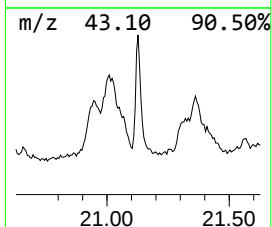
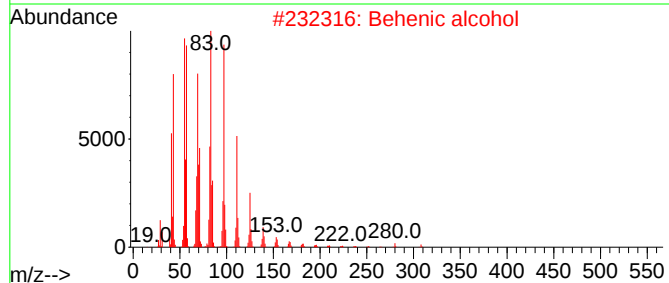
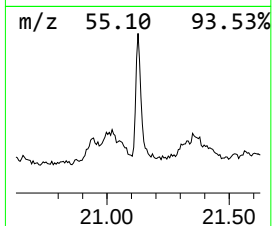
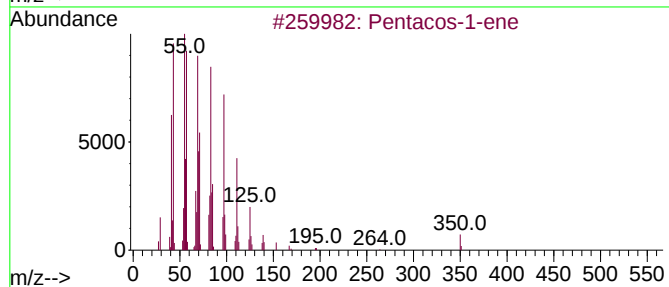
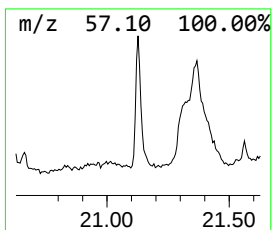
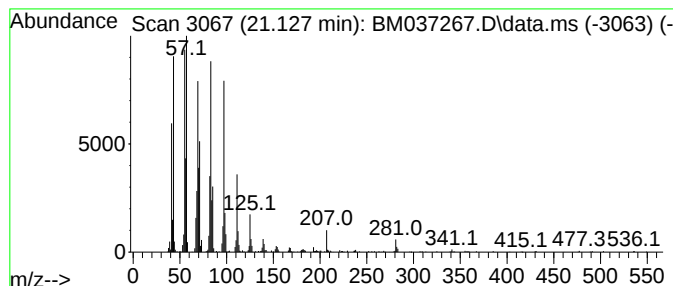
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Peak Number 4 Pentacos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	3.13 ng	735513	Chrysene-d12	21.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacos-1-ene	350	C25H50	016980-85-1	94
2			Behenic alcohol	326	C22H46O	000661-19-8	94
3			Nonacos-1-ene	406	C29H58	018835-35-3	91
4			1-Tetracosene	336	C24H48	010192-32-2	91
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.981	4.6	ng	659748	1	7.875	2874110	20.0
n-Hexadecanoic ...	18.139	9.7	ng	2501960	4	17.245	5164890	20.0
Octadecanoic acid	19.415	28.4	ng	6683740	5	21.415	4704170	20.0
Pentacos-1-ene	21.127	3.1	ng	735513	5	21.415	4704170	20.0