

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041213.D
 Acq On : 01 Aug 2023 06:57
 Operator : MA/JU
 Sample : 03645-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)

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-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	385	rBV	3561642	4921796	67.32%	10.680%
2	6.981	636	645	662	rBV	3357038	5187298	70.95%	11.256%
3	7.798	777	784	798	rVB	779090	1214471	16.61%	2.635%
4	8.975	975	984	999	rBV	2002086	3249438	44.45%	7.051%
5	10.604	1249	1261	1268	rBV	982010	1610384	22.03%	3.494%
6	13.080	1675	1682	1697	rBV	4913619	6754980	92.40%	14.657%
7	13.351	1722	1728	1735	rVB	195876	296500	4.06%	0.643%
8	13.927	1820	1826	1838	rBV	184307	260126	3.56%	0.564%
9	14.463	1910	1917	1923	rBV	1242782	1769469	24.20%	3.840%
10	15.962	2160	2172	2191	rBV	3285657	4553172	62.28%	9.880%
11	16.968	2338	2343	2346	rBV	71072	86400	1.18%	0.187%
12	17.221	2380	2386	2390	rBV	1336882	1778149	24.32%	3.858%
13	17.262	2390	2393	2399	rVV	204051	290143	3.97%	0.630%
14	17.351	2403	2408	2413	rVB	49054	88562	1.21%	0.192%
15	18.121	2532	2539	2549	rBV2	497468	816680	11.17%	1.772%
16	19.286	2733	2737	2746	rVB	324657	434447	5.94%	0.943%
17	19.403	2754	2757	2766	rBV2	160134	254085	3.48%	0.551%
18	19.621	2791	2794	2796	rBV3	81056	100006	1.37%	0.217%
19	19.650	2796	2799	2806	rVB	258532	344840	4.72%	0.748%
20	19.856	2829	2834	2839	rBV	6147511	7310790	100.00%	15.864%
21	21.133	3047	3051	3059	rVB3	402430	639002	8.74%	1.387%
22	21.421	3095	3100	3104	rBV	1535322	2115462	28.94%	4.590%
23	23.791	3498	3503	3511	rVB	1087701	2009326	27.48%	4.360%

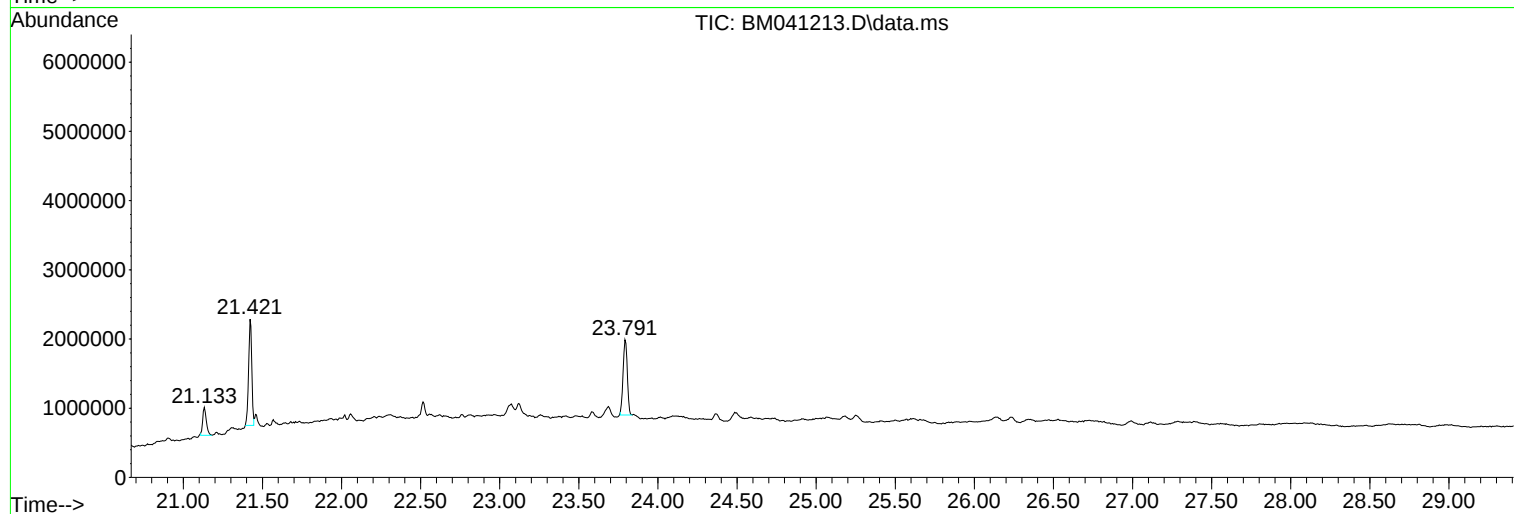
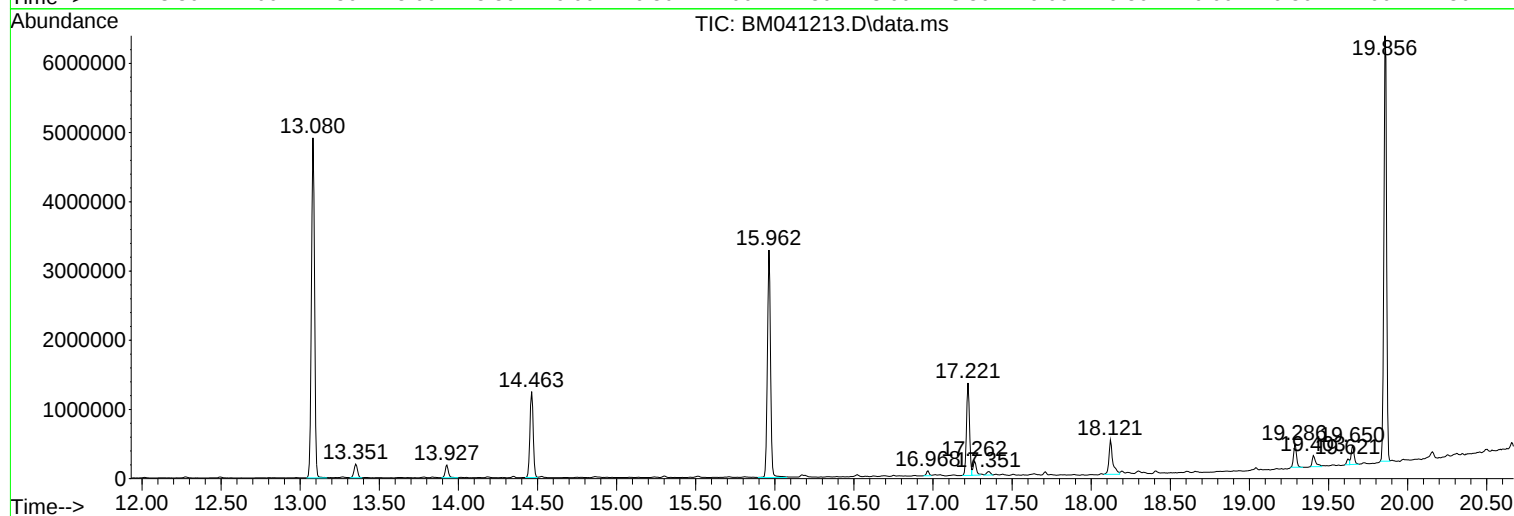
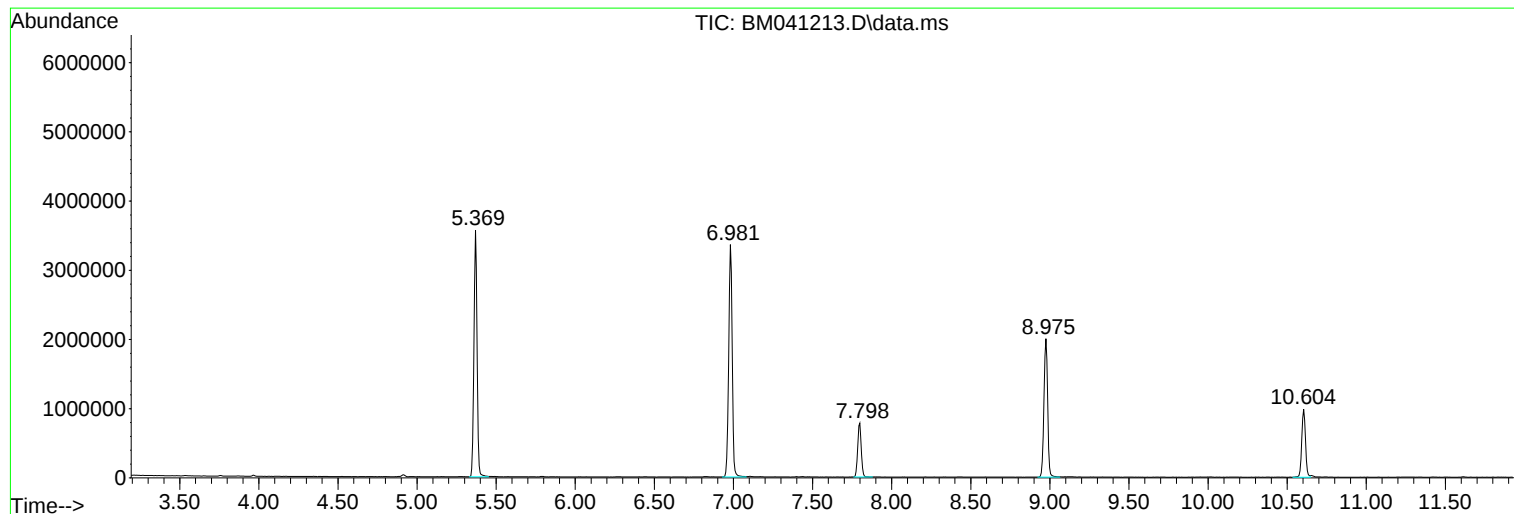
Sum of corrected areas: 46085526

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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ALS Vial : 32 Sample Multiplier: 1

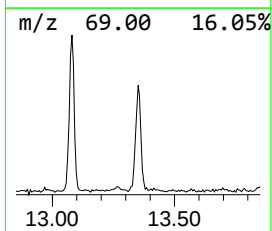
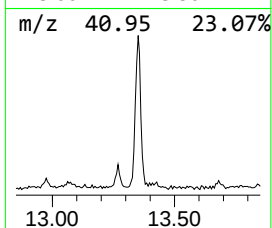
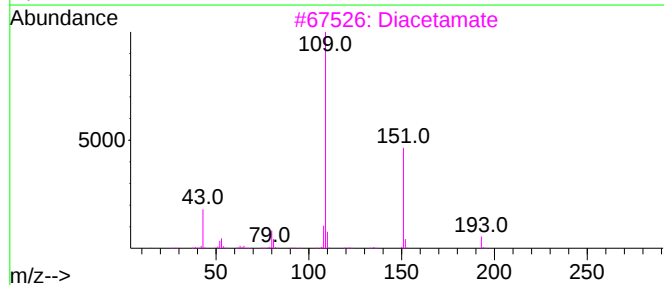
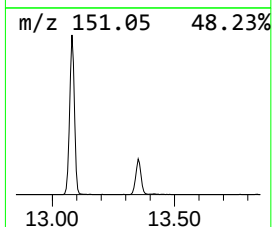
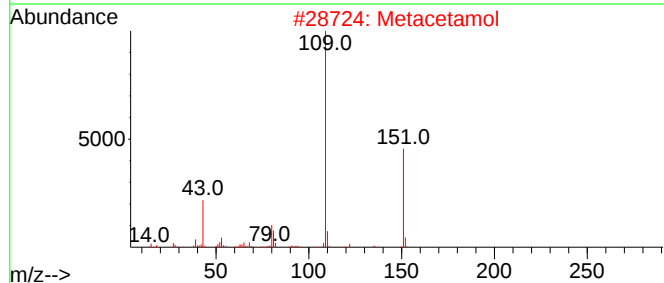
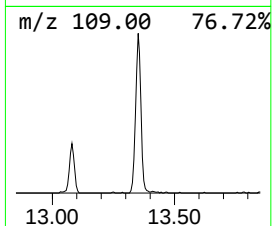
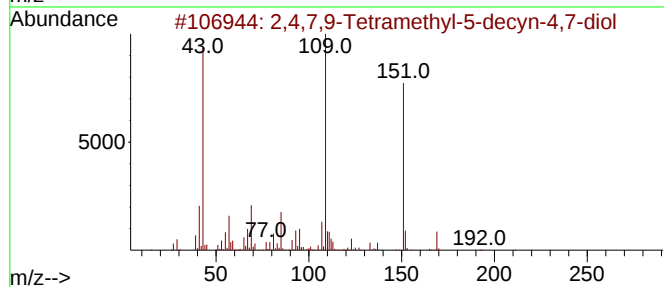
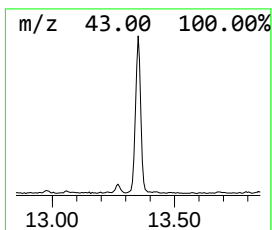
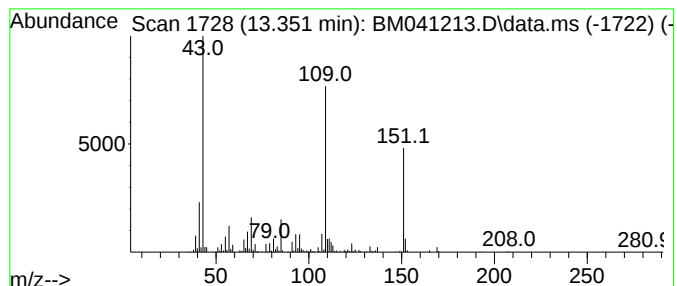
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.351	3.35 ng	296500	Acenaphthene-d10	14.463	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	64
3	Diacetamate	193	C10H11NO3	002623-33-8	59
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59



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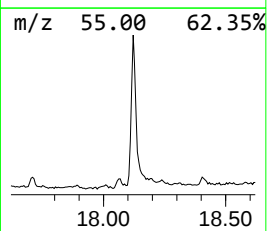
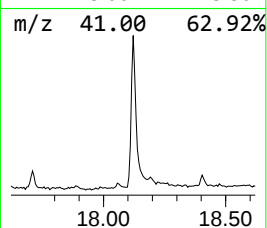
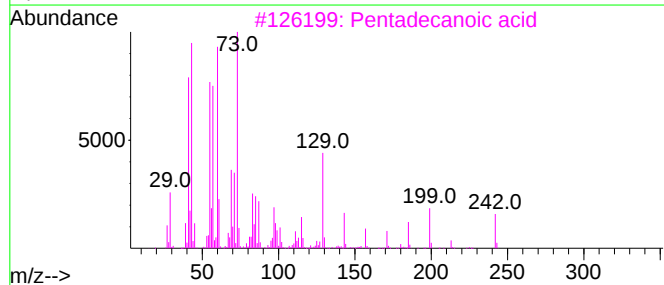
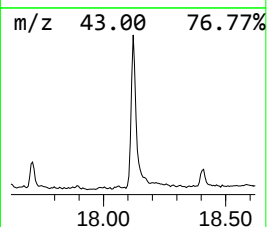
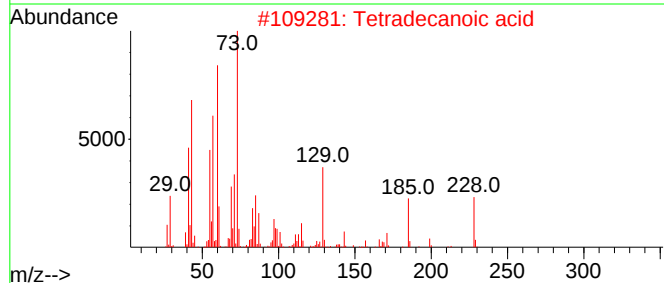
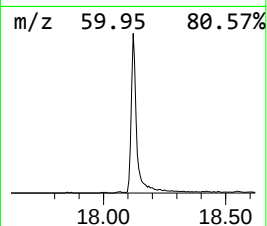
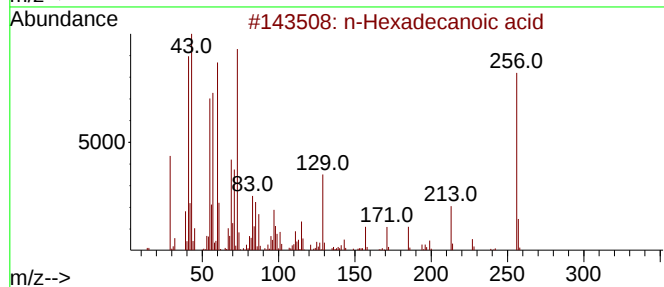
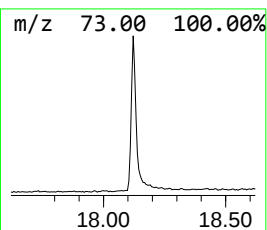
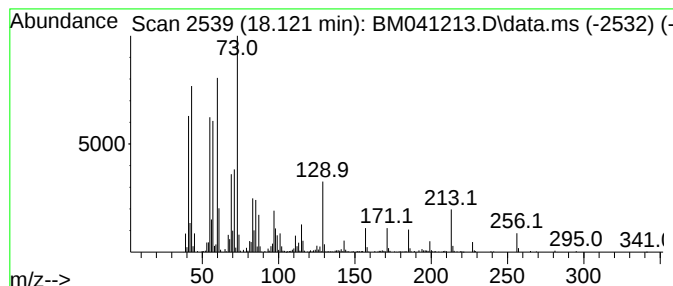
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	9.19 ng	816680	Phenanthrene-d10	17.221

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	87
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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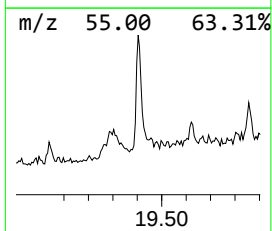
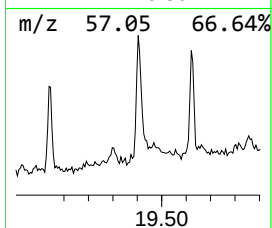
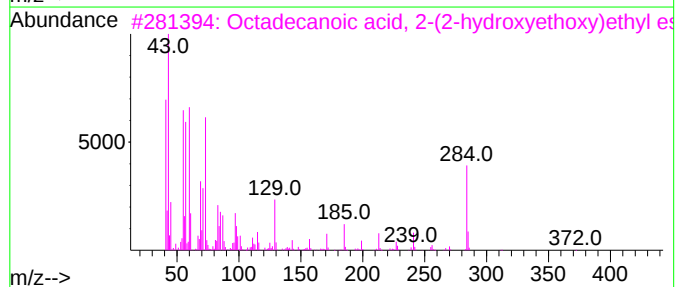
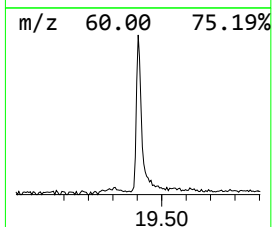
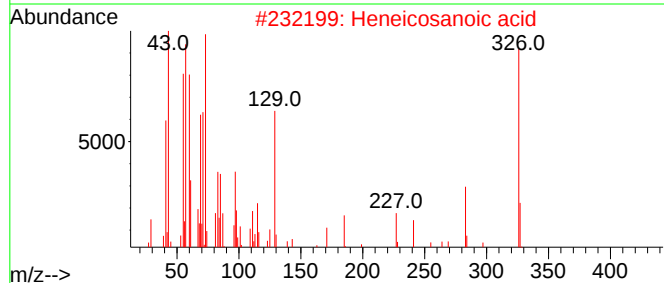
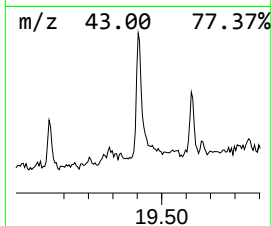
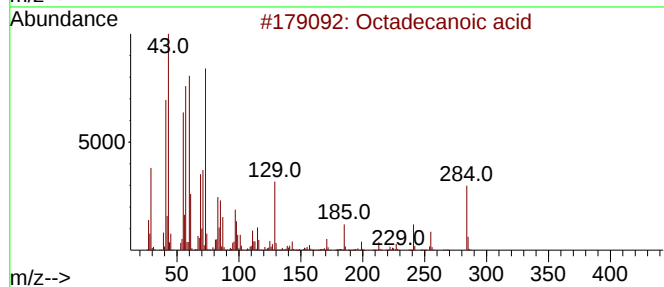
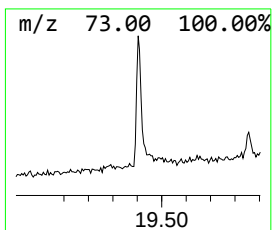
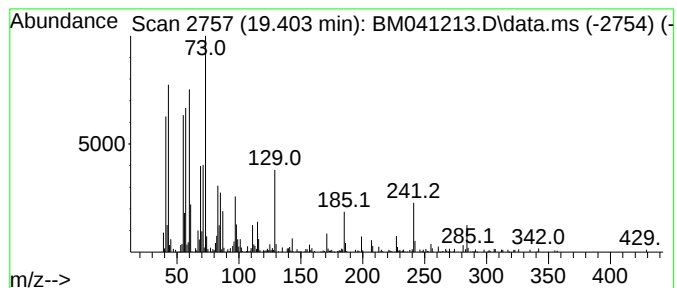
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	2.40 ng	254085	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Heneicosanoic acid	326	C21H42O2	002363-71-5	91
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78



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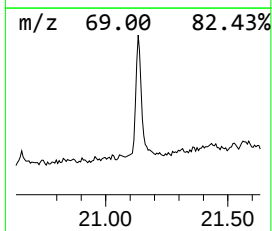
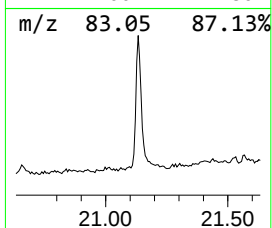
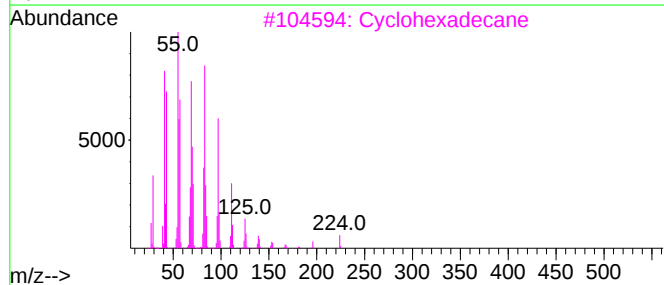
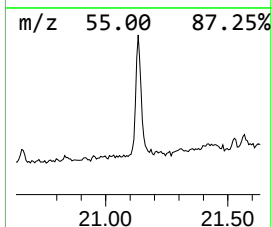
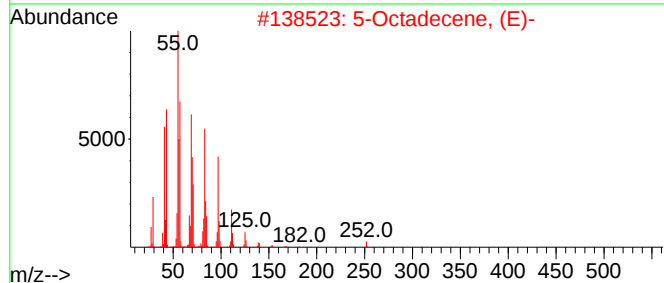
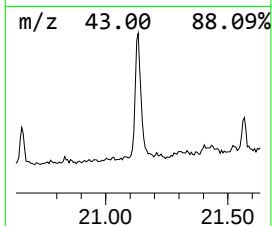
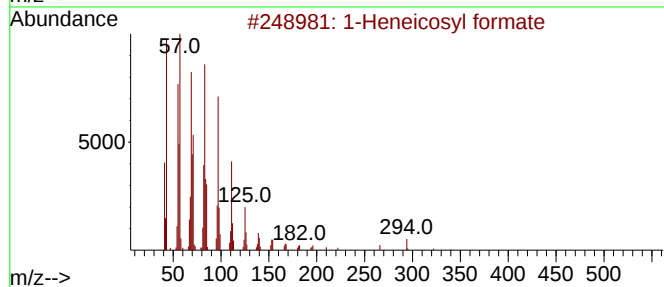
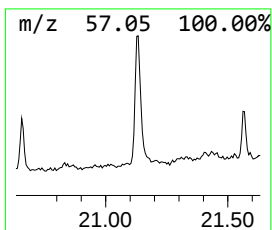
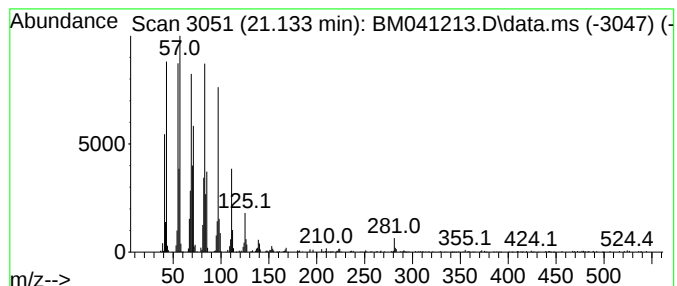
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Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	6.04 ng	639002	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3			Cyclohexadecane	224	C16H32	000295-65-8	94
4			Heptacos-1-ene	378	C27H54	015306-27-1	94
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.351	3.4	ng	296500	3	14.463	1769470	20.0
n-Hexadecanoic ...	18.121	9.2	ng	816680	4	17.221	1778150	20.0
Octadecanoic acid	19.403	2.4	ng	254085	5	21.421	2115460	20.0
1-Heneicosyl fo...	21.133	6.0	ng	639002	5	21.421	2115460	20.0