

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050162.D
 Acq On : 09 May 2025 16:46
 Operator : RC/JU
 Sample : Q1983-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-636-COMP-06

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	314	319	330	rBV	273800	421668	3.00%	0.648%
2	5.334	393	399	421	rBV	2409993	4053085	28.84%	6.225%
3	6.934	664	671	699	rBV	2141973	4513285	32.11%	6.931%
4	7.740	801	808	820	rBV	1176687	1946596	13.85%	2.990%
5	8.904	997	1006	1033	rBV	1233929	2690889	19.15%	4.133%
6	10.533	1275	1283	1298	rBV	1265152	2608274	18.56%	4.006%
7	13.004	1696	1703	1725	rBV	4312685	7228713	51.43%	11.102%
8	14.392	1931	1939	1955	rBV	2385110	4012438	28.55%	6.162%
9	15.757	2164	2171	2185	rBV	533032	918543	6.54%	1.411%
10	15.892	2187	2194	2220	rBV	4128323	7193564	51.18%	11.048%
11	17.145	2400	2407	2423	rBV2	2936549	4920080	35.01%	7.556%
12	18.039	2553	2559	2582	rBV	909833	1745820	12.42%	2.681%
13	19.321	2772	2777	2786	rBV	196331	409431	2.91%	0.629%
14	19.768	2847	2853	2862	rBV	11217421	14055102	100.00%	21.586%
15	21.056	3067	3072	3083	rBV	391287	705885	5.02%	1.084%
16	21.386	3122	3128	3141	rBV	2755333	4500182	32.02%	6.911%
17	24.385	3630	3638	3651	rVB	1128777	3189331	22.69%	4.898%

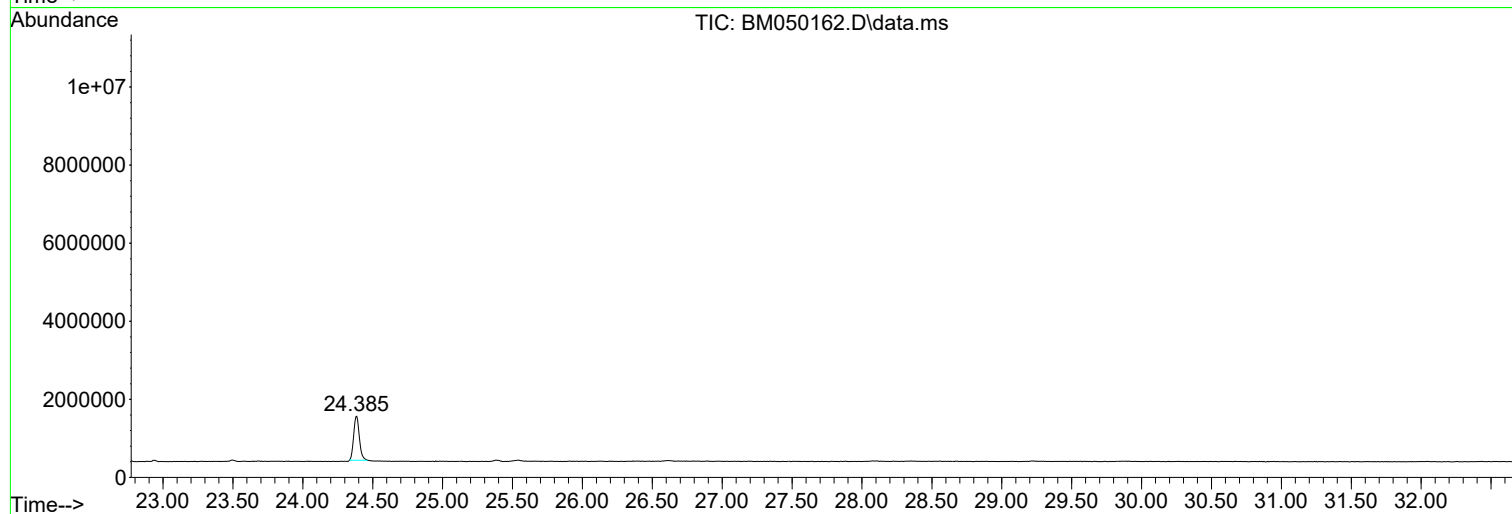
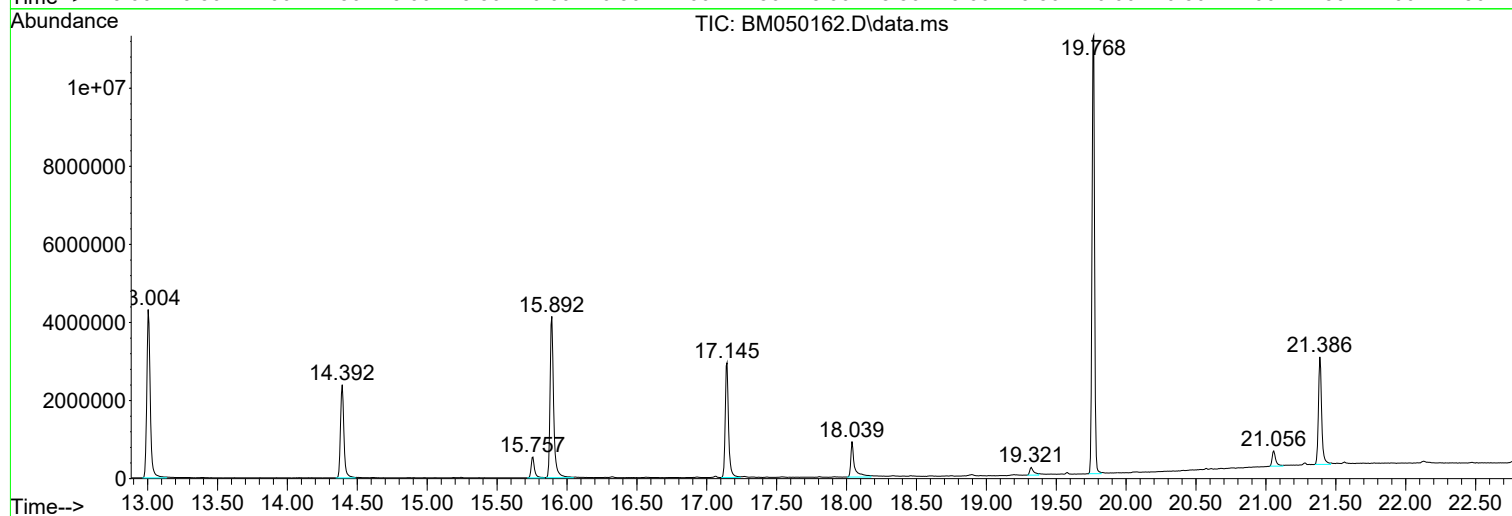
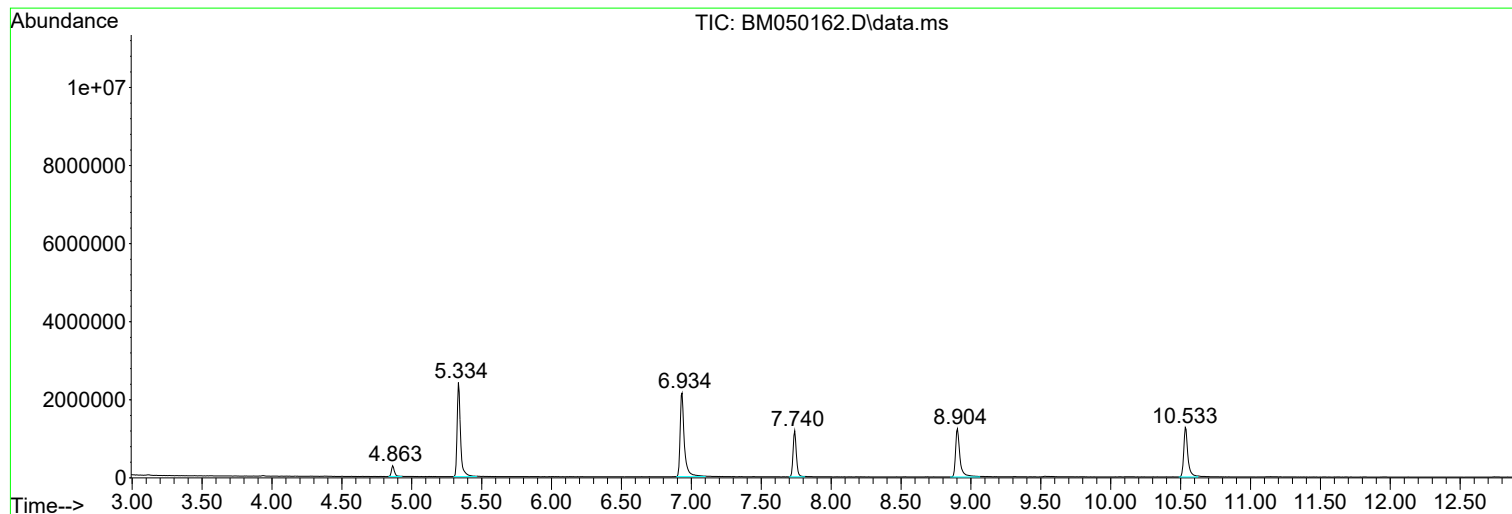
Sum of corrected areas: 65112886

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



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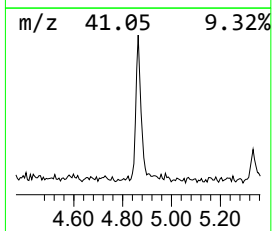
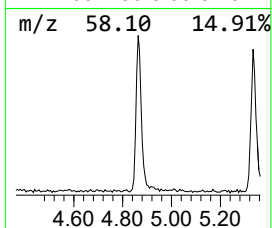
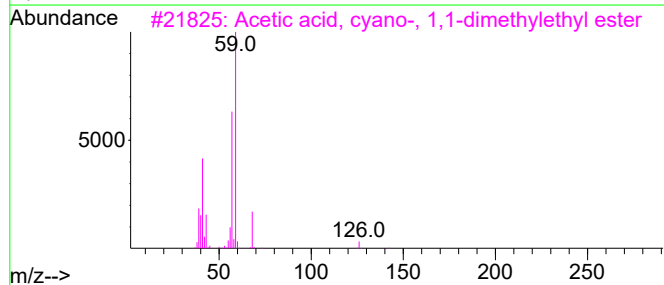
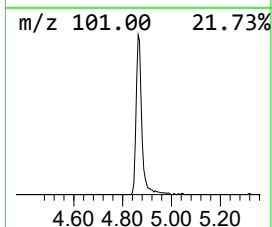
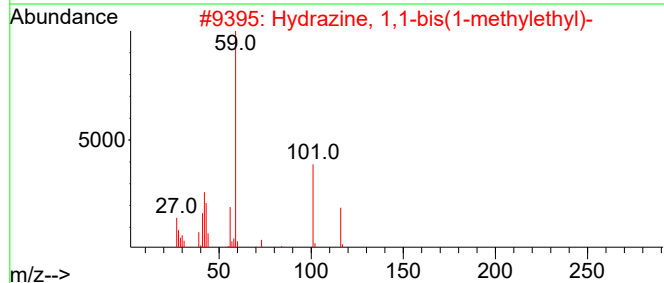
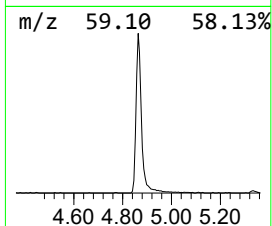
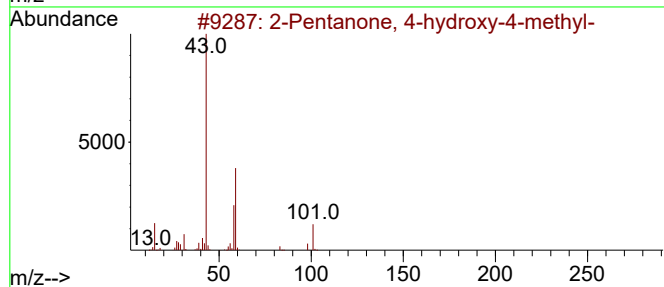
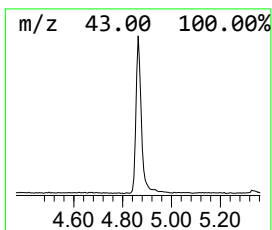
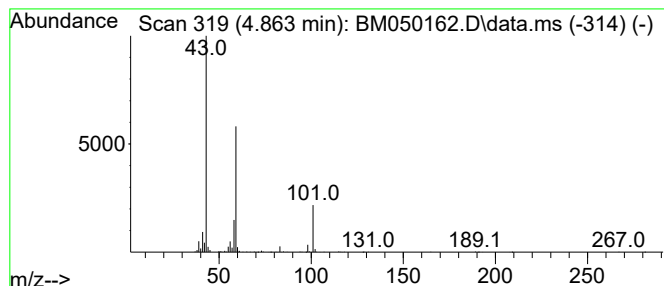
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	4.33 ng	421668	1,4-Dichlorobenzene-d4	7.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9		



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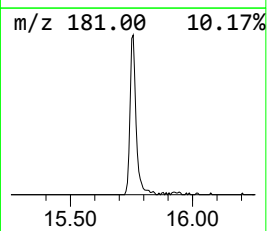
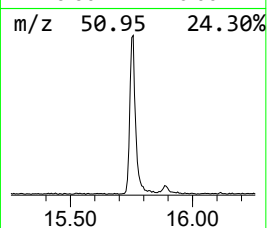
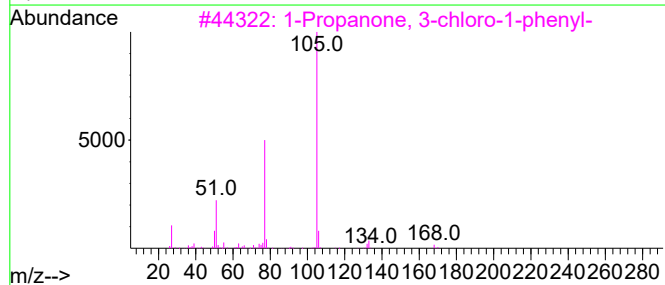
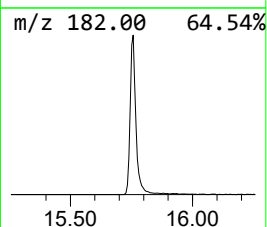
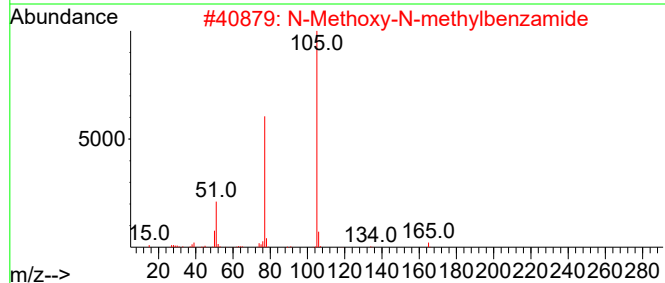
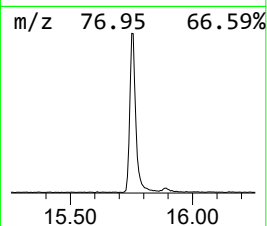
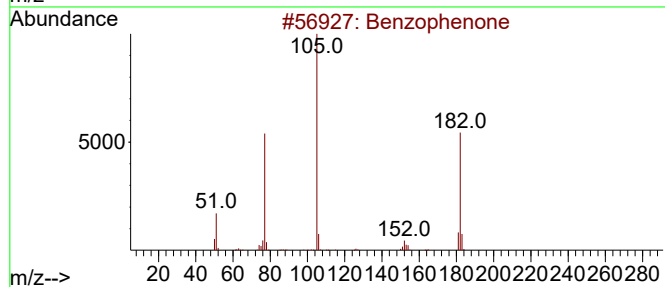
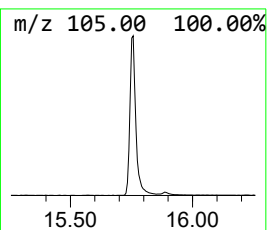
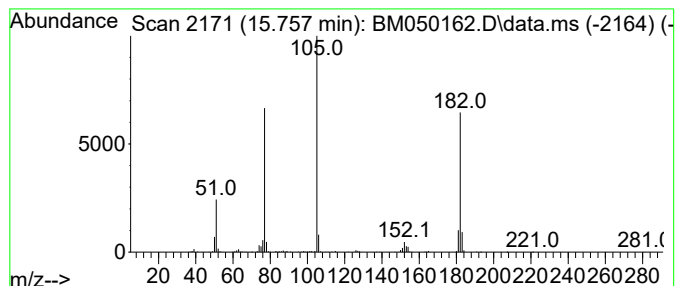
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	4.58 ng	918543	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5			Benzenecarbothioic acid	138	C7H6OS	000098-91-9	43



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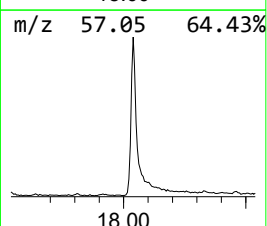
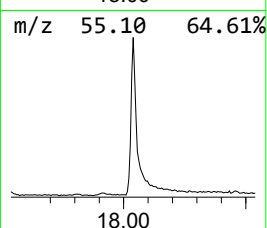
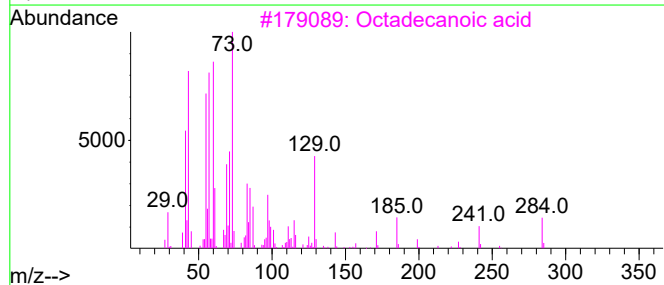
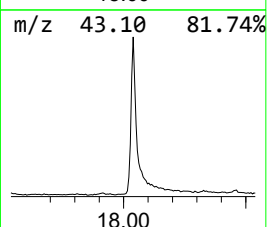
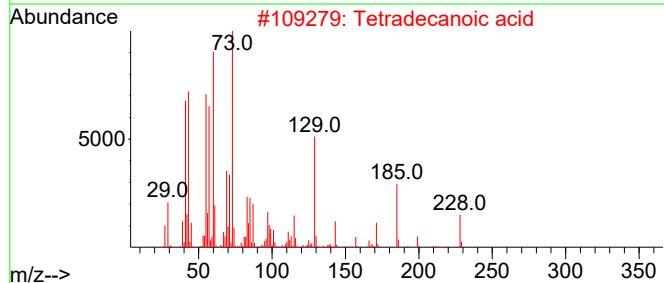
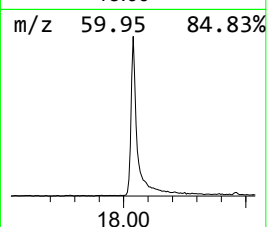
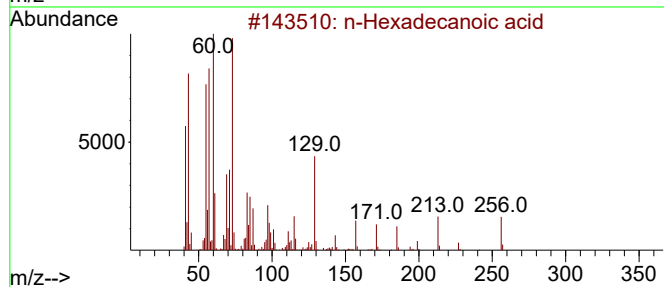
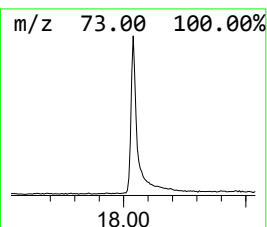
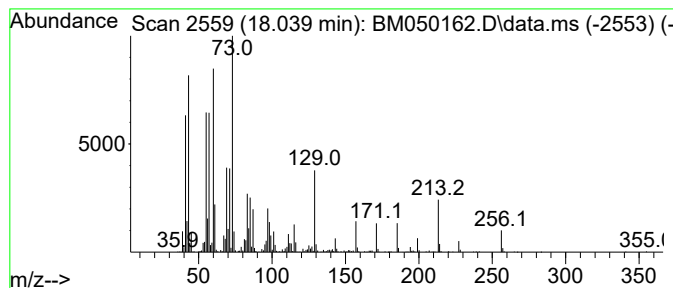
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	7.10 ng	1745820	Phenanthrene-d10	17.145

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			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	89



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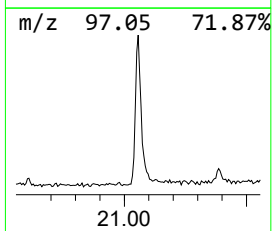
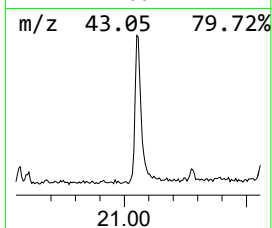
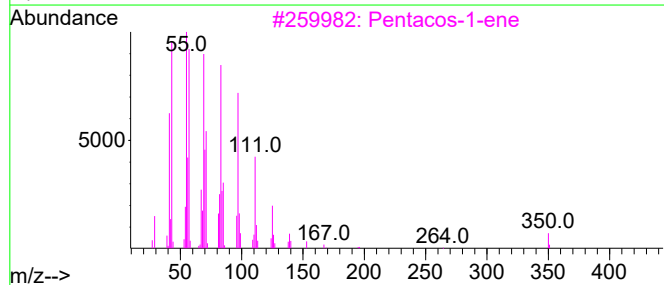
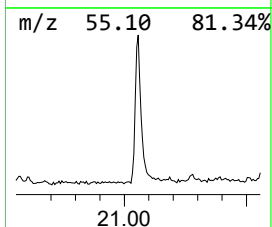
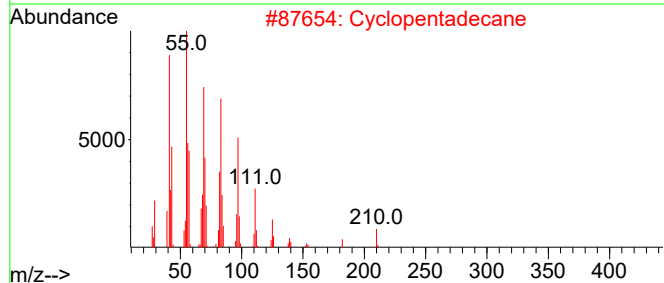
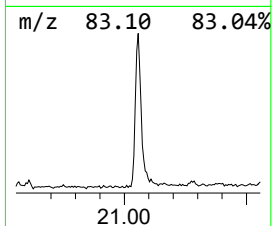
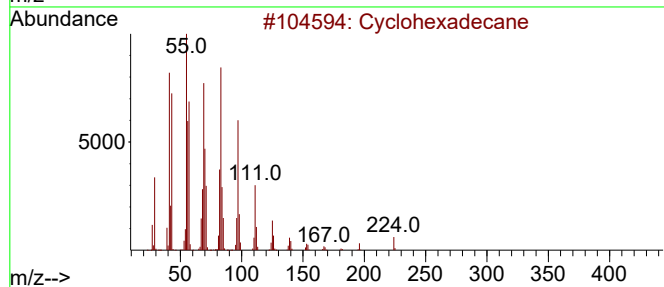
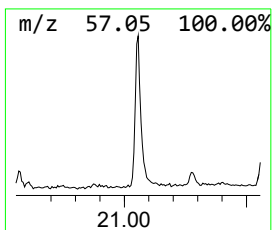
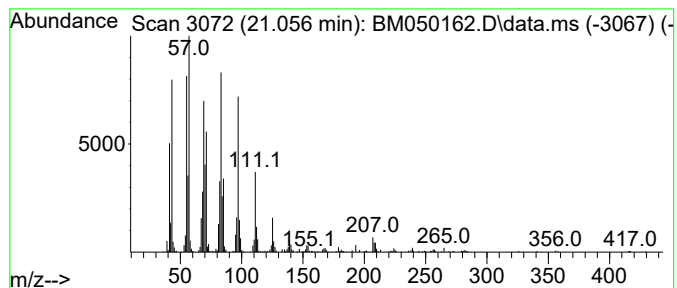
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Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	3.14 ng	705885	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	94
2			Cyclopentadecane	210	C15H30	000295-48-7	94
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	4.3	ng	421668	1	7.739	1946600	20.0
Benzophenone	15.757	4.6	ng	918543	3	14.392	4012440	20.0
n-Hexadecanoic ...	18.039	7.1	ng	1745820	4	17.145	4920080	20.0
Cyclohexadecane	21.056	3.1	ng	705885	5	21.386	4500180	20.0