

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057086.D
 Acq On : 13 Apr 2023 17:53
 Operator : CG/JU
 Sample : 02321-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E9074-BAYC-001

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_G\Methods\8270-BG033023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.807	210	216	223	rBV3	14391	22102	1.67%	0.420%
2	5.430	314	322	332	rBB	92772	140328	10.59%	2.666%
3	5.912	397	404	413	rBB	269967	431018	32.52%	8.189%
4	7.533	673	680	691	rBB	279560	470774	35.52%	8.944%
5	8.402	821	828	835	rVB2	52029	83705	6.31%	1.590%
6	9.577	1020	1028	1035	rVB	157857	284200	21.44%	5.399%
7	11.240	1303	1311	1319	rBV	64405	111605	8.42%	2.120%
8	13.642	1713	1720	1726	rBV	460059	698198	52.67%	13.265%
9	15.017	1946	1954	1960	rVB	106770	167663	12.65%	3.185%
10	16.491	2199	2205	2214	rBV	369994	572402	43.18%	10.875%
11	16.668	2229	2235	2242	rBV2	15406	26066	1.97%	0.495%
12	17.455	2362	2369	2374	rBV3	11614	15085	1.14%	0.287%
13	17.754	2413	2420	2426	rBV	150916	228995	17.28%	4.351%
14	18.195	2491	2495	2503	rBV4	11501	15585	1.18%	0.296%
15	18.588	2558	2562	2567	rBV2	15962	21530	1.62%	0.409%
16	20.321	2851	2857	2863	rBV	1048018	1325521	100.00%	25.183%
17	21.631	3076	3080	3092	rVB5	24113	47916	3.61%	0.910%
18	21.902	3118	3126	3132	rBV	57644	83616	6.31%	1.589%
19	22.066	3148	3154	3162	rVB	147216	259326	19.56%	4.927%
20	25.603	3746	3756	3771	rVB2	81082	257885	19.46%	4.899%

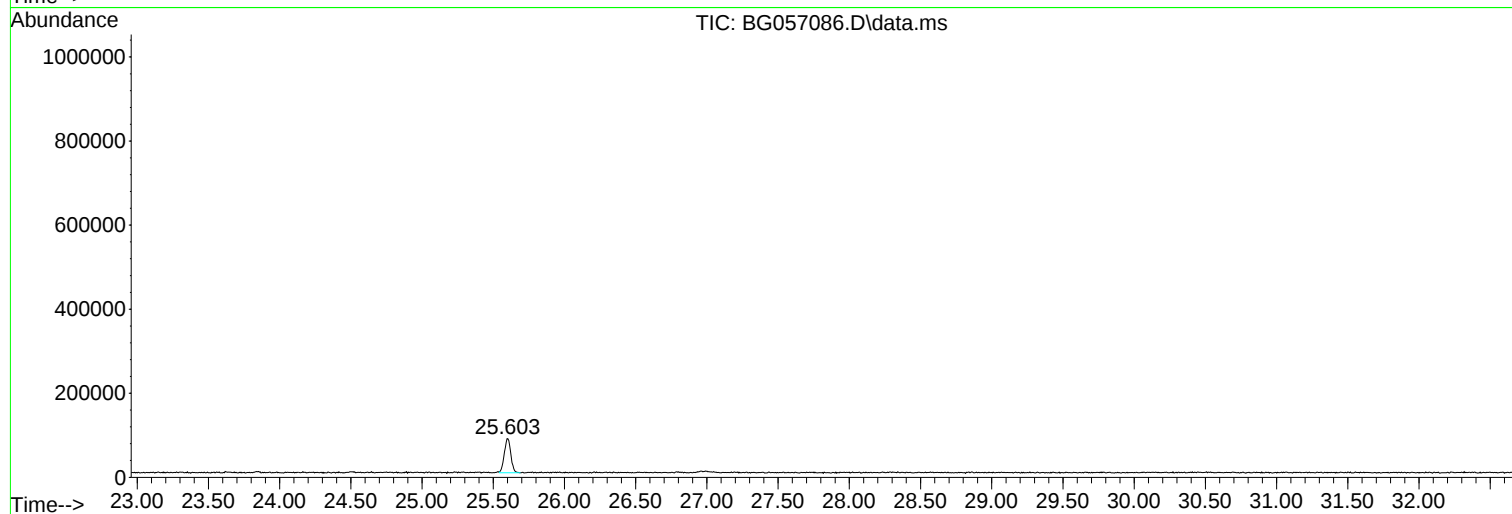
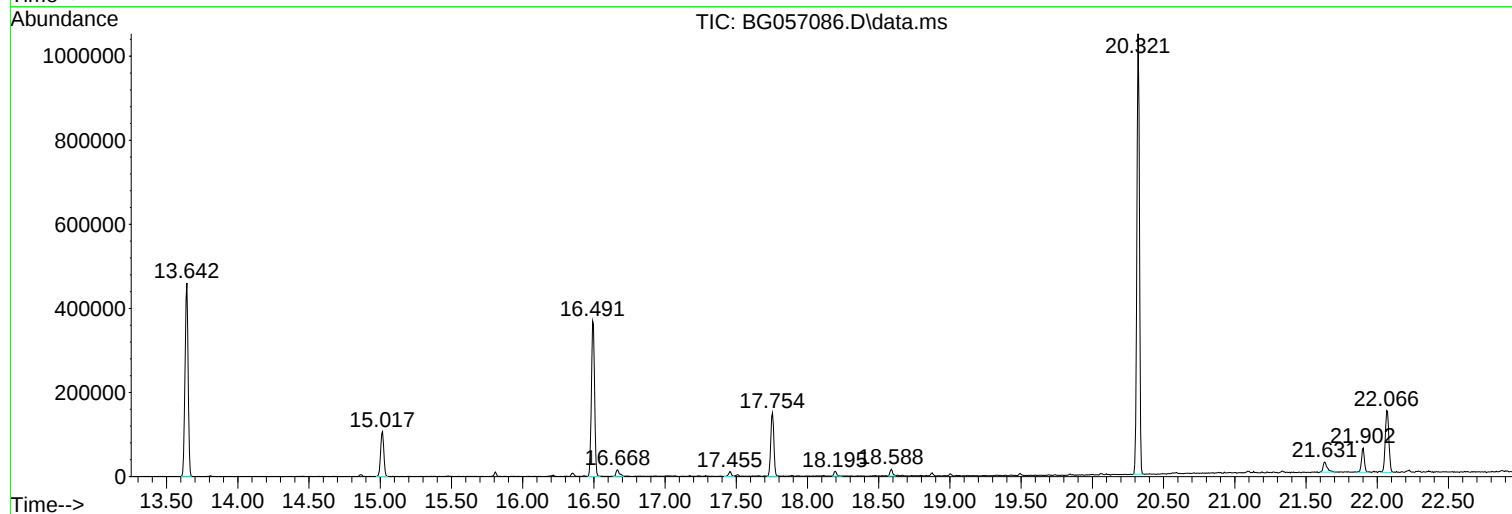
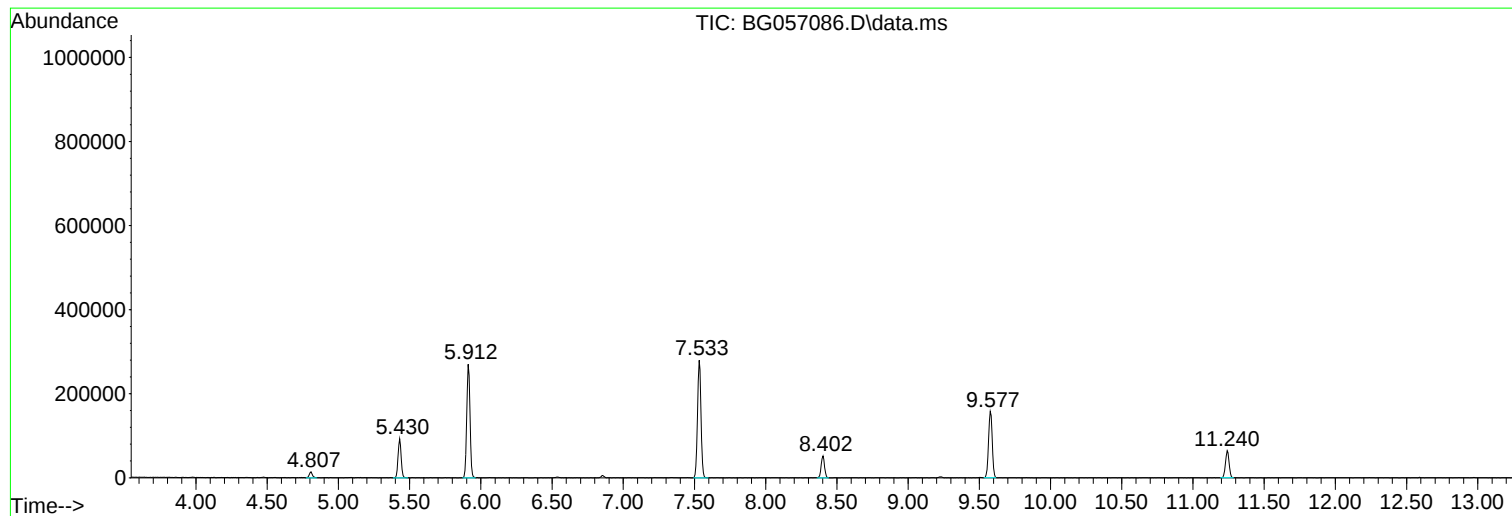
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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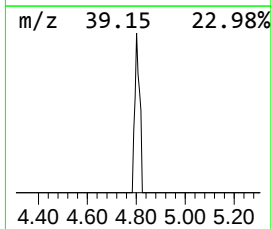
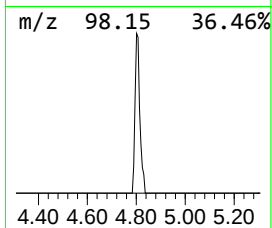
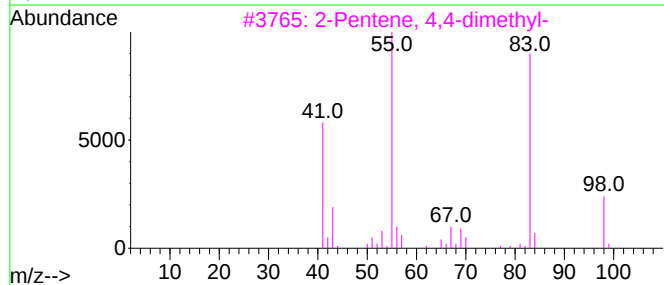
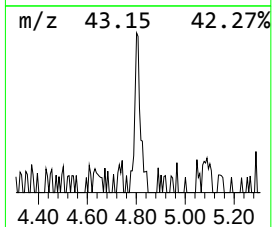
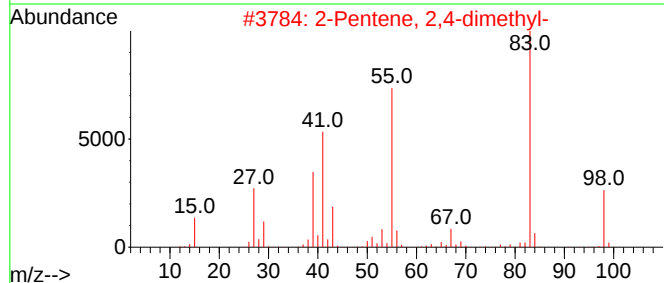
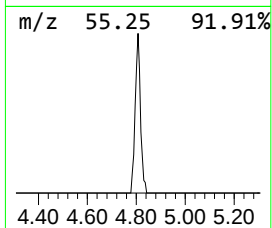
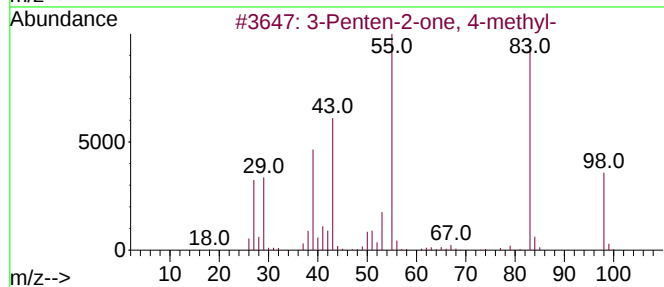
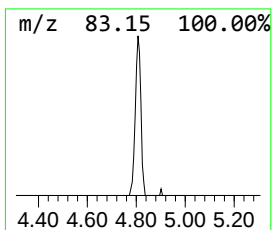
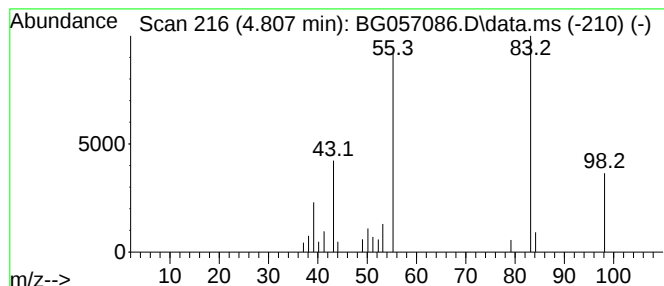
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.807	5.28 ng	22102	1,4-Dichlorobenzene-d4	8.402

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
2			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
3			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	72
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
5			3-Hexen-2-one	98	C6H10O	000763-93-9	72



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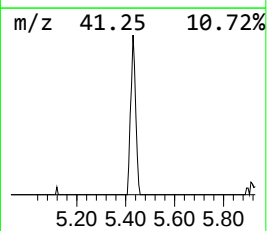
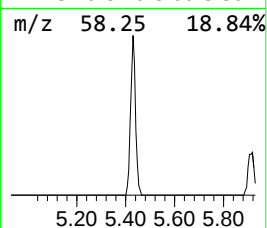
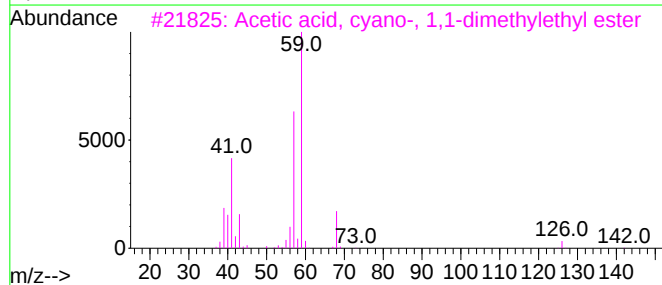
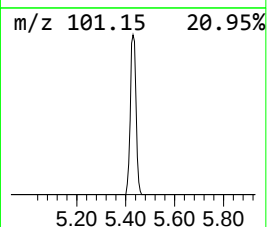
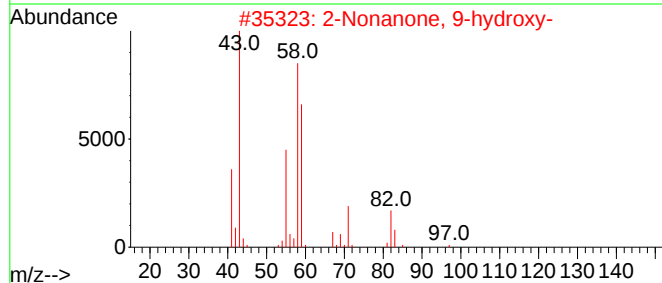
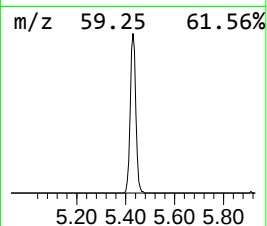
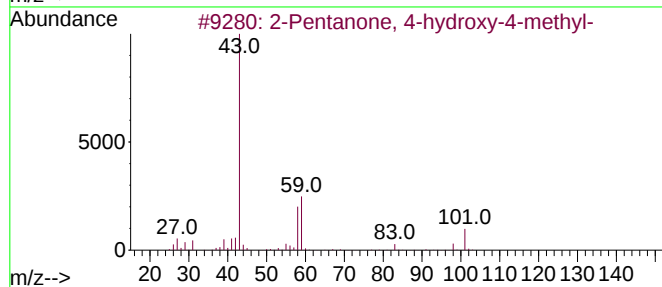
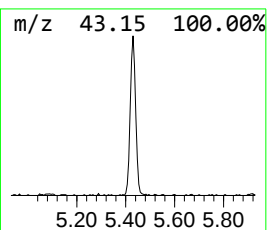
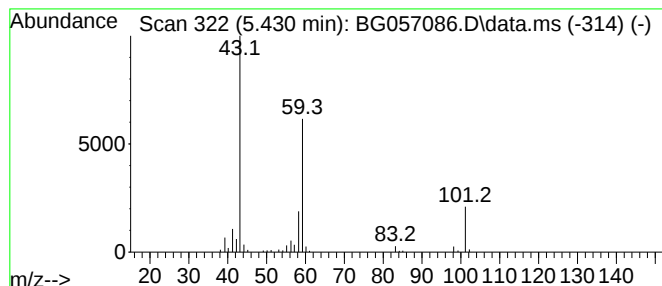
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.430	33.53 ng	140328	1,4-Dichlorobenzene-d4	8.402

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16



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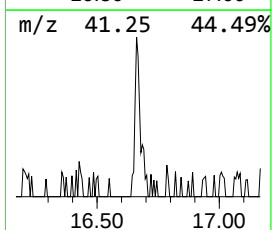
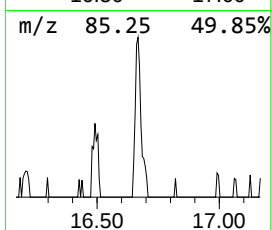
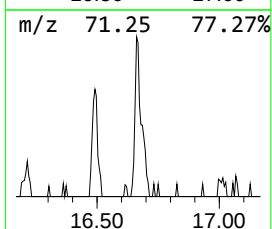
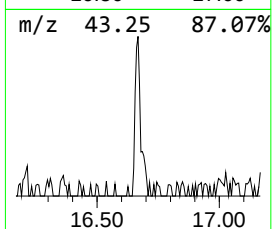
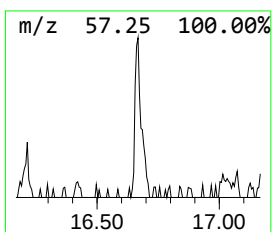
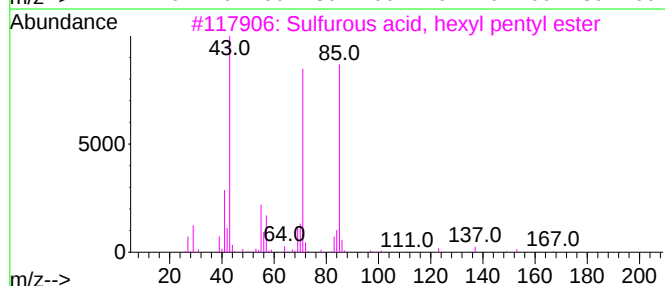
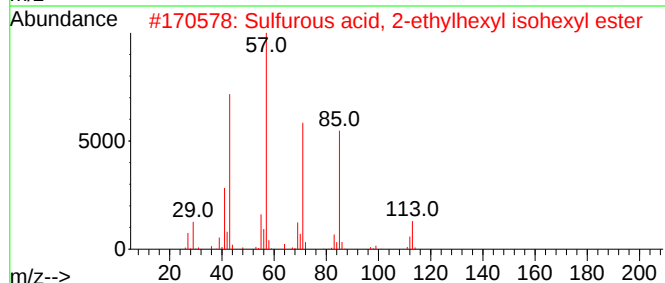
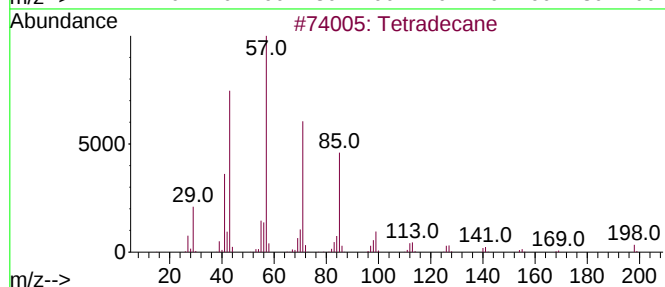
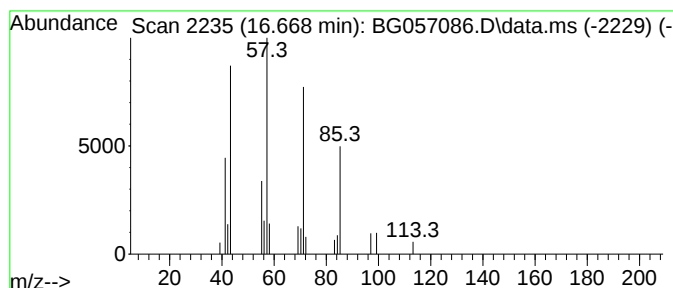
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.668	2.28 ng	26066	Phenanthrene-d10	17.754

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	72
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
4			Hexadecane	226	C16H34	000544-76-3	59
5			Decane, 2-methyl-	156	C11H24	006975-98-0	59



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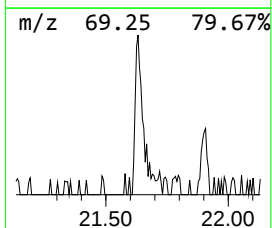
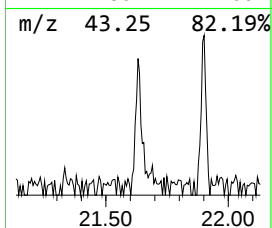
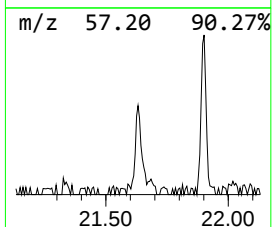
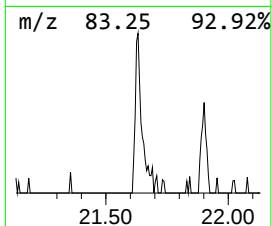
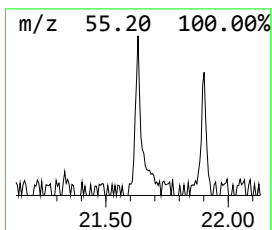
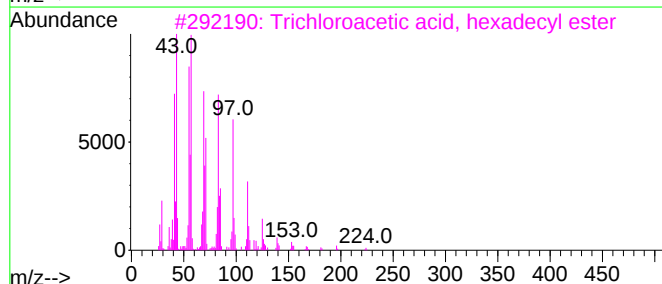
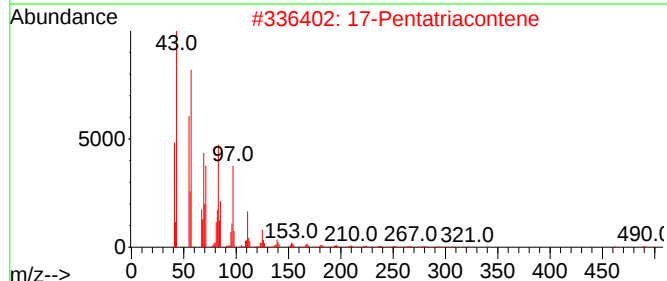
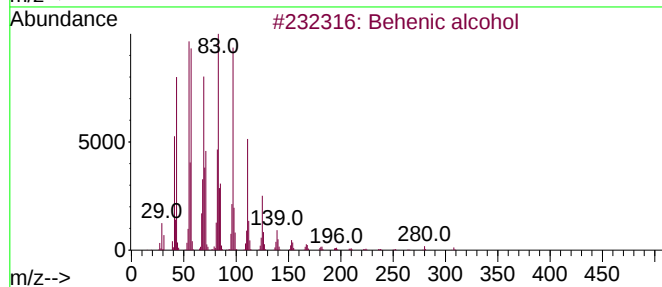
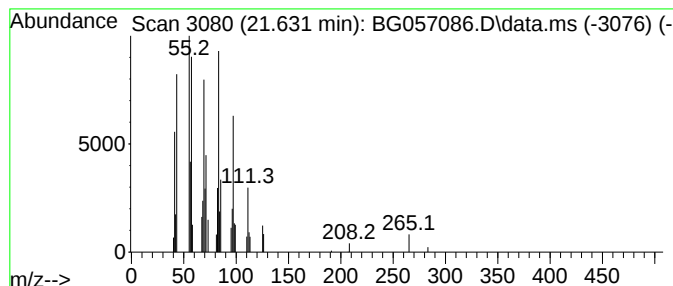
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Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.631	3.70 ng	47916	Chrysene-d12	22.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	90
2			17-Pentatriacontene	491	C35H70	006971-40-0	87
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5			1-Heptacosanol	396	C27H56O	002004-39-9	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one,...	4.807	5.3	ng	22102	1	8.402	83705	20.0
2-Pentanone, 4-...	5.430	33.5	ng	140328	1	8.402	83705	20.0
Tetradecane	16.668	2.3	ng	26066	4	17.754	228995	20.0
Behenic alcohol	21.631	3.7	ng	47916	5	22.066	259326	20.0