

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017130.D
 Acq On : 14 May 2015 5:01
 Operator : TP/IZ
 Sample : G2173-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-56

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:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.798	14	19	27	rVV	128203	211935	4.57%	0.978%
2	2.875	28	32	46	rVB	494233	628557	13.55%	2.902%
3	4.819	357	363	371	rVB	57631	83113	1.79%	0.384%
4	5.301	439	445	453	rBV	551127	777577	16.77%	3.590%
5	6.905	712	718	727	rVB	359789	549804	11.85%	2.538%
6	7.246	770	776	783	rBV	986217	1542010	33.25%	7.119%
7	7.704	848	854	861	rVB	233866	360006	7.76%	1.662%
8	8.027	901	909	916	rBV	852883	1330710	28.69%	6.143%
9	8.868	1044	1052	1061	rBV	791994	1271770	27.42%	5.871%
10	10.501	1322	1330	1337	rBV	322086	523265	11.28%	2.416%
11	12.716	1701	1707	1712	rBV	113431	166446	3.59%	0.768%
12	12.980	1742	1752	1759	rBV	2025881	3030742	65.35%	13.992%
13	14.361	1980	1987	1994	rBV2	467997	737944	15.91%	3.407%
14	15.854	2234	2241	2250	rBV	1829555	2551803	55.02%	11.781%
15	17.111	2449	2455	2461	rBV	686795	967924	20.87%	4.468%
16	18.010	2602	2608	2615	rBV2	79723	110589	2.38%	0.511%
17	19.297	2822	2827	2835	rBV2	57263	85778	1.85%	0.396%
18	19.743	2896	2903	2909	rBV	3817571	4637869	100.00%	21.411%
19	21.006	3114	3118	3125	rBV2	72861	97751	2.11%	0.451%
20	21.294	3161	3167	3173	rBV	816565	1021272	22.02%	4.715%
21	23.562	3546	3553	3563	rVB	499374	974196	21.01%	4.497%

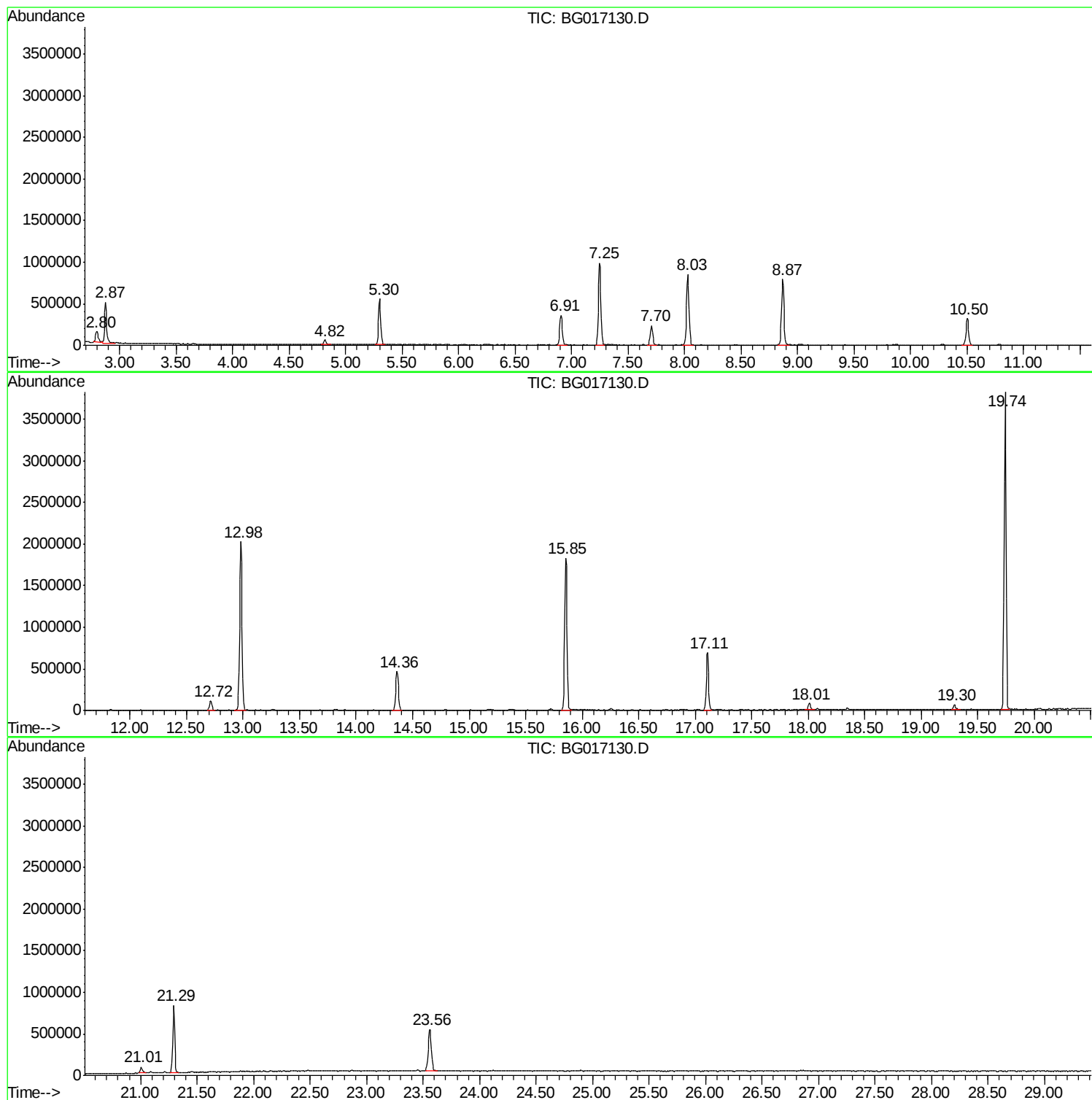
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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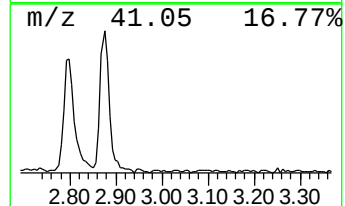
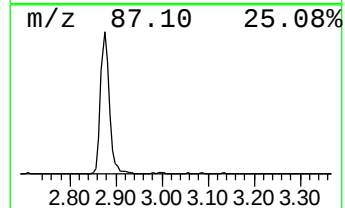
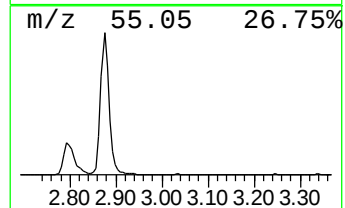
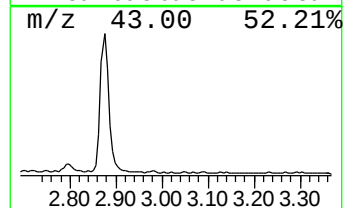
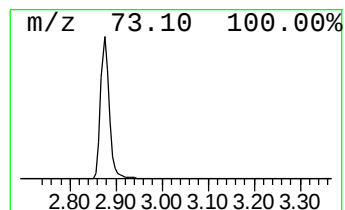
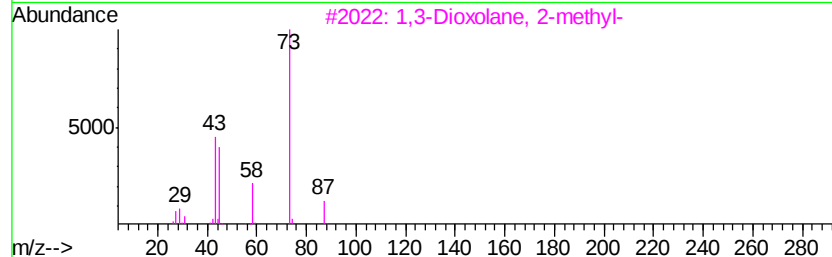
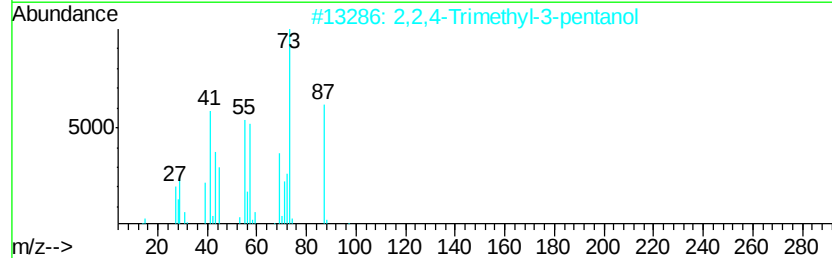
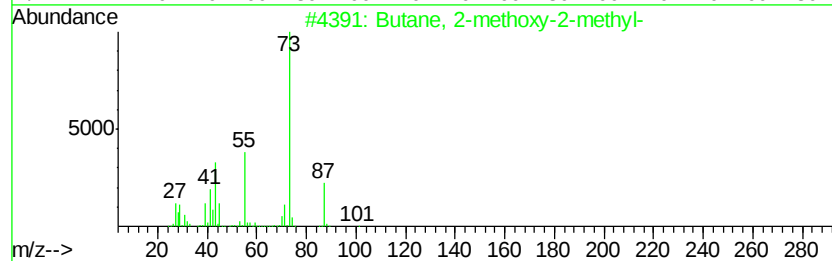
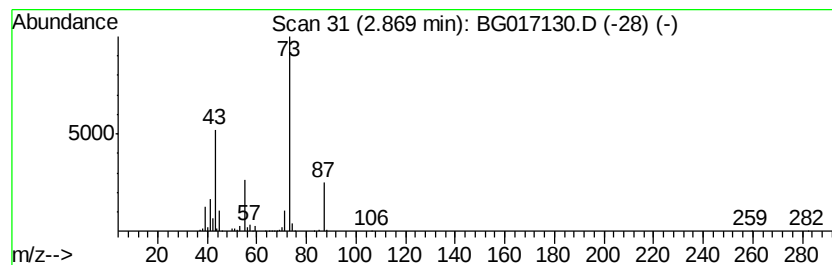
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	34.92 ng	628557	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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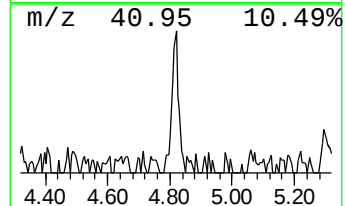
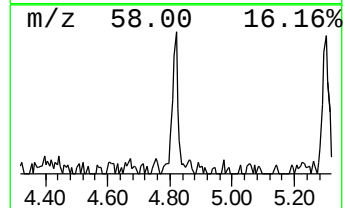
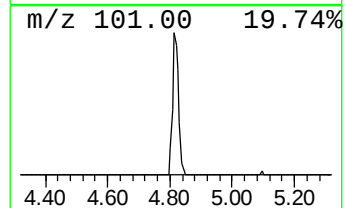
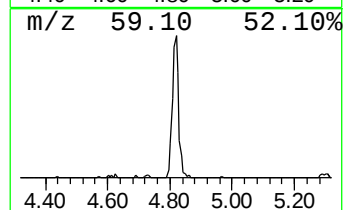
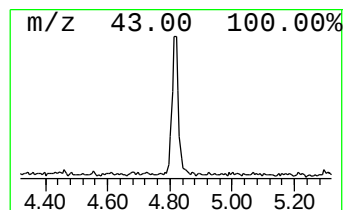
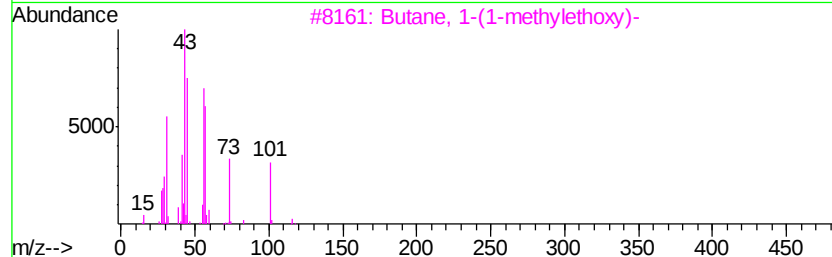
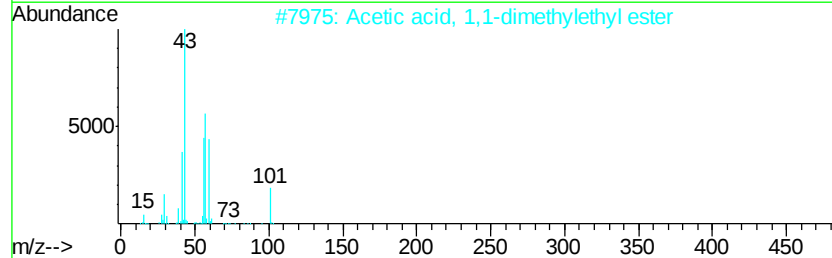
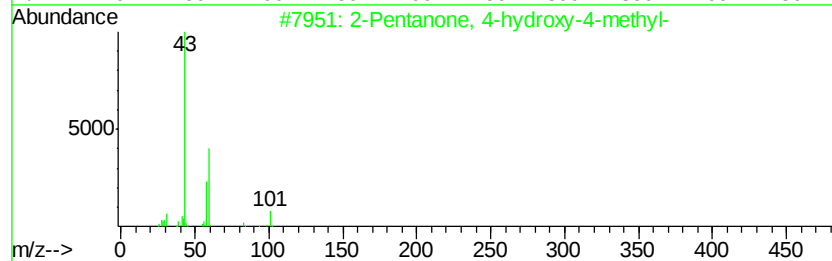
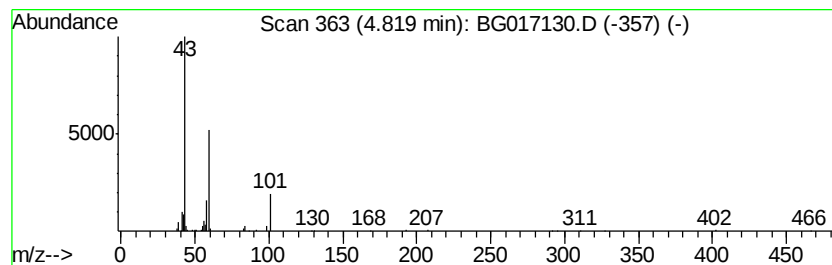
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	4.62 ng	83113	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	25
4		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12



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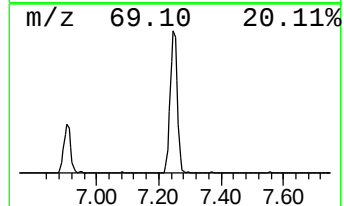
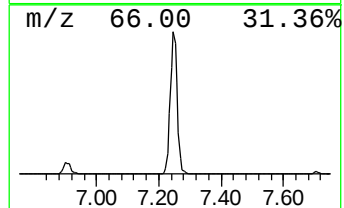
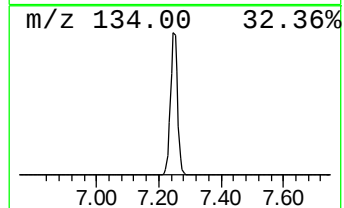
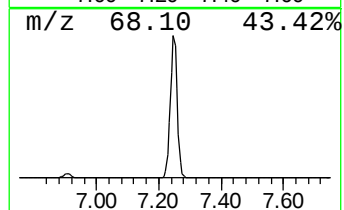
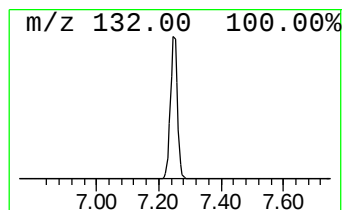
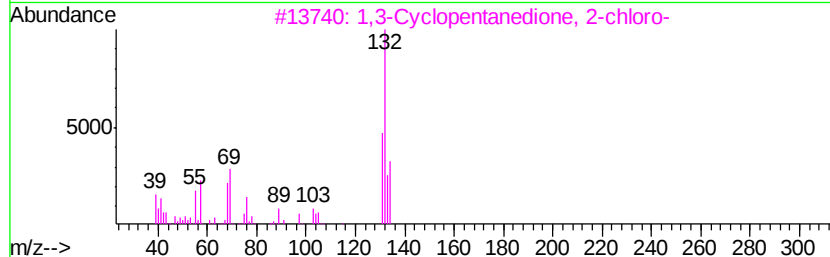
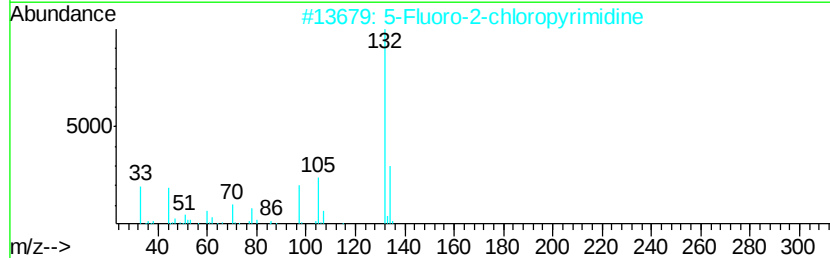
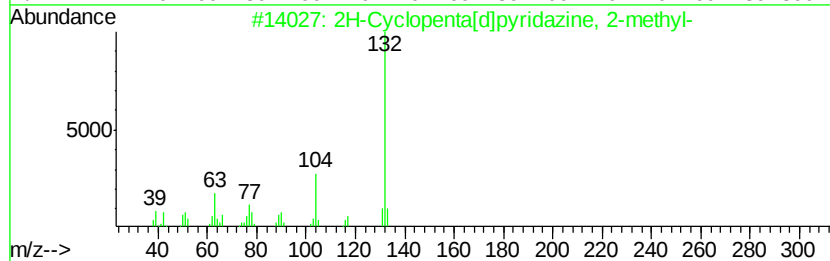
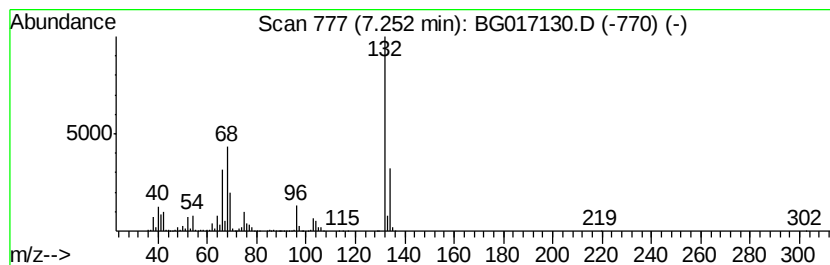
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Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	85.67 ng	1542010	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22



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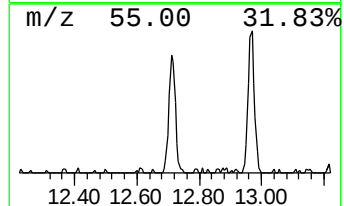
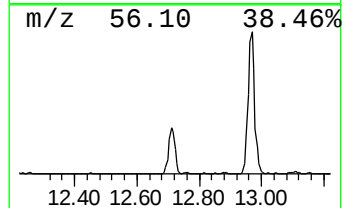
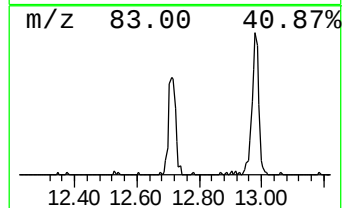
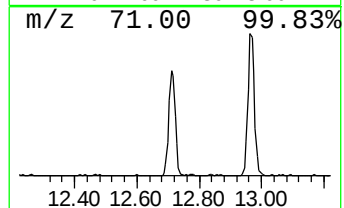
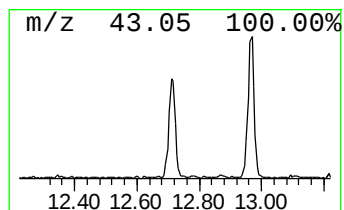
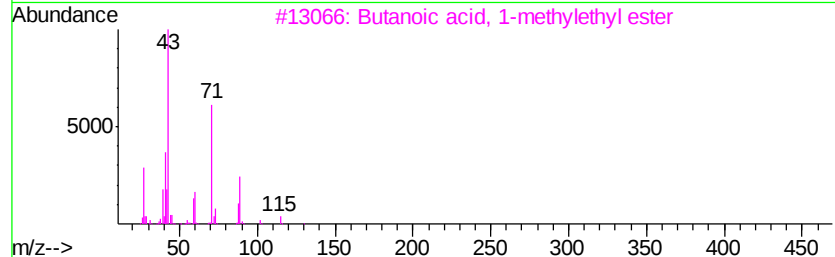
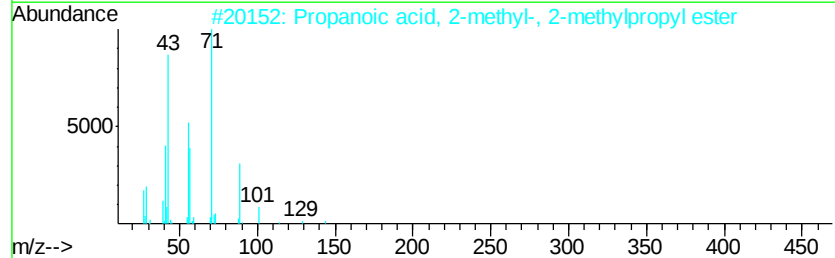
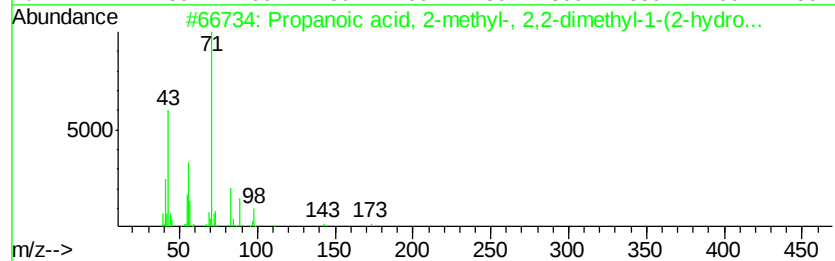
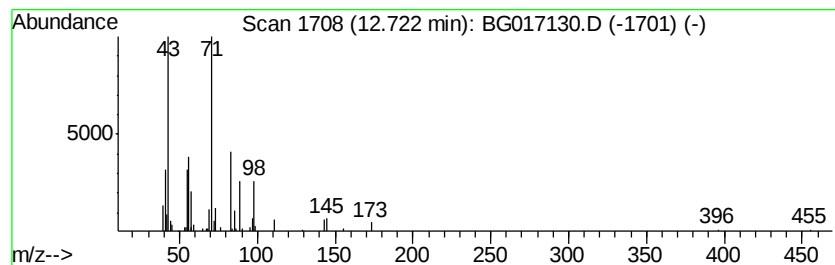
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.51 ng	166446	Acenaphthene-d10	14.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	59
2		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	43
4		Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	40
5		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	37



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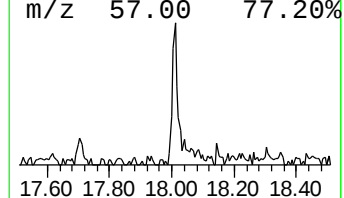
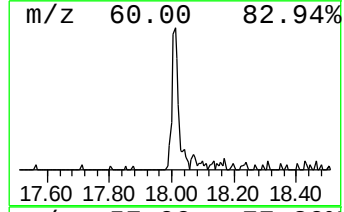
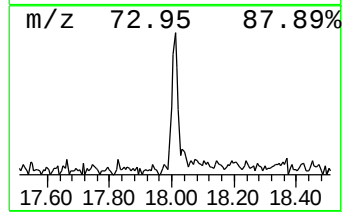
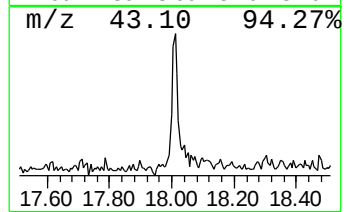
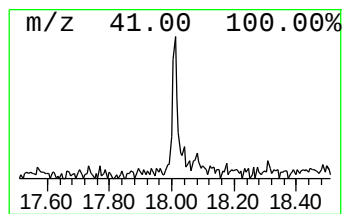
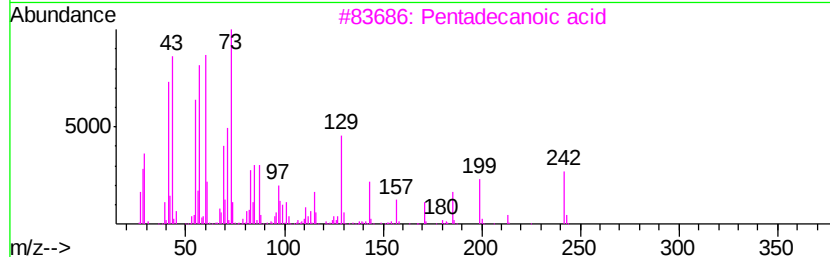
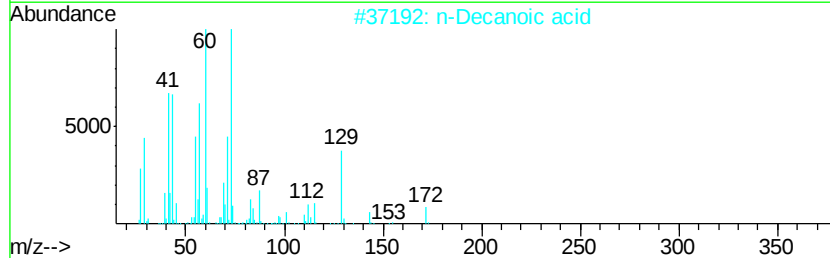
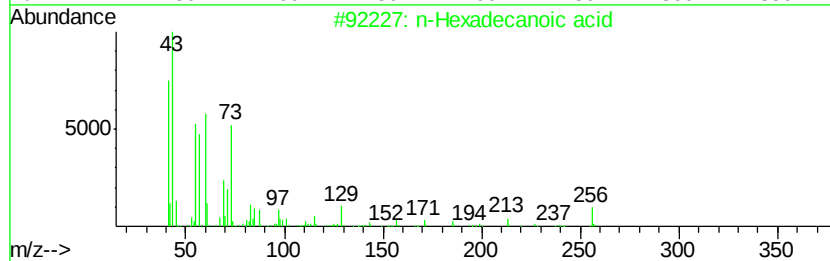
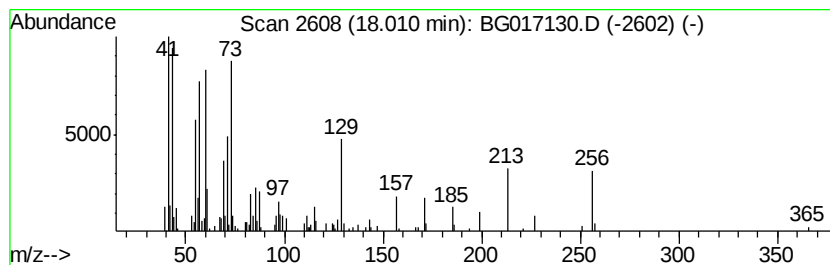
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.29 ng	110589	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	34.9	ng	628557	1	7.70	360006	20.0
2-Pentanone, 4-hy...	4.82	4.6	ng	83113	1	7.70	360006	20.0
unknown7.25	7.25	85.7	ng	1542010	1	7.70	360006	20.0
Propanoic acid, 2...	12.72	4.5	ng	166446	3	14.36	737944	20.0
n-Hexadecanoic acid	18.01	2.3	ng	110589	4	17.11	967924	20.0