

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104022.D
 Acq On : 28 Mar 2018 20:43
 Operator : JU/SJ
 Sample : J2072-05 100X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AB4

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_F\METHODS\8270-BF032818.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	4.551	416	419	461	rBV	1321135	2357439	13.98%	5.852%
2	5.498	571	580	603	rBV	5861231	16867171	100.00%	41.874%
3	5.886	633	646	649	rBV	4708869	16157537	95.79%	40.112%
4	6.963	826	829	849	rBV	460676	644516	3.82%	1.600%
5	7.304	884	887	902	rBV	643588	600793	3.56%	1.491%
6	8.245	1043	1047	1064	rBV	720576	867014	5.14%	2.152%
7	10.004	1342	1346	1368	rBV	765340	890060	5.28%	2.210%
8	11.498	1596	1600	1616	rBV	615169	701445	4.16%	1.741%
9	14.151	2047	2051	2058	rBV	626257	664649	3.94%	1.650%
10	15.692	2308	2313	2325	rVB	316444	530623	3.15%	1.317%

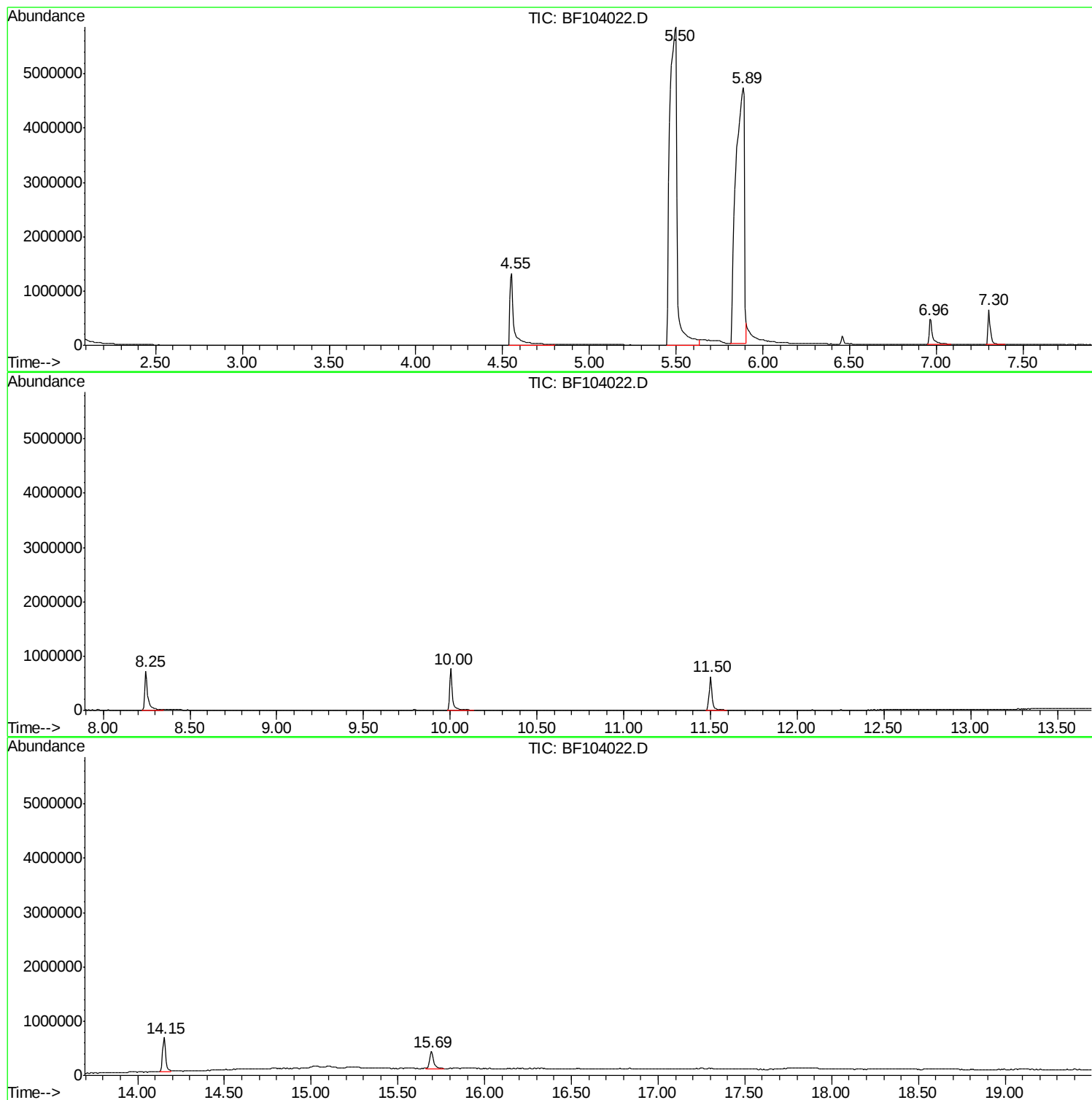
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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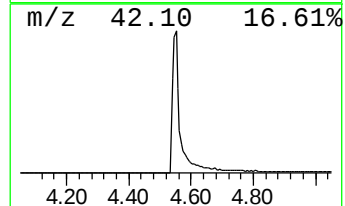
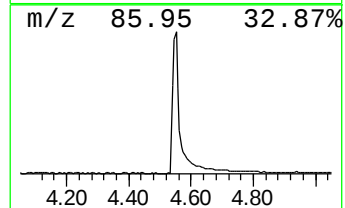
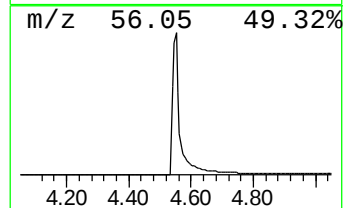
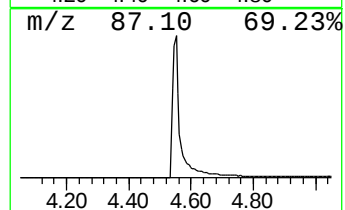
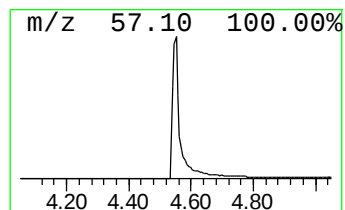
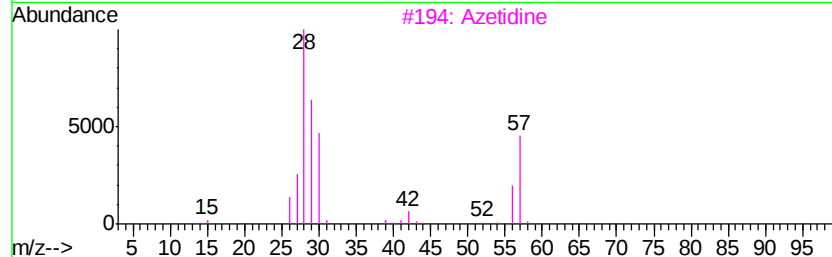
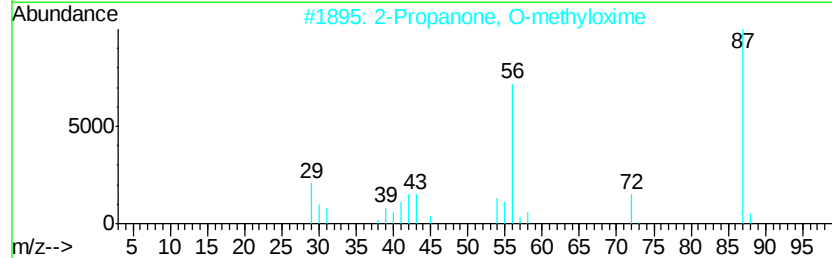
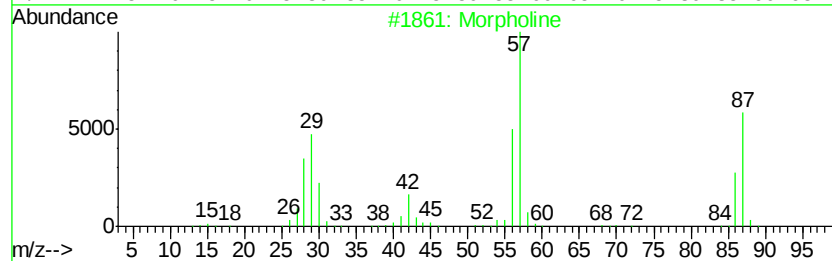
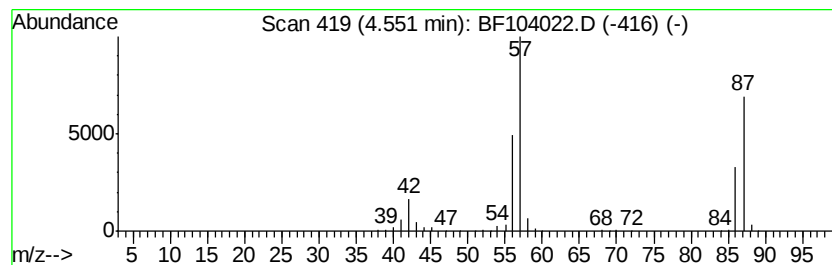
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Morpholine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	73.15 ng	2357440	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine	87	C4H9NO	000110-91-8	91
2		2-Propanone, O-methyloxime	87	C4H9NO	003376-35-0	52
3		Azetidine	57	C3H7N	000503-29-7	38
4		Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	23
5		1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	12



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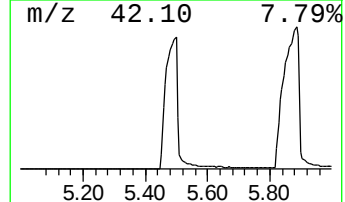
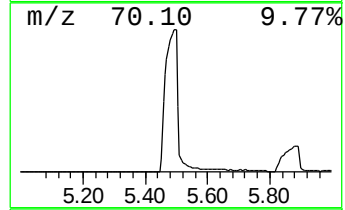
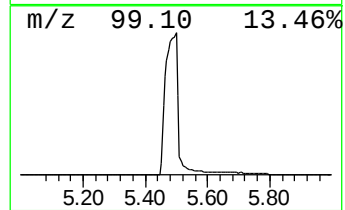
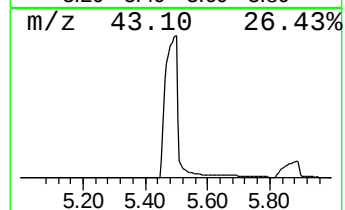
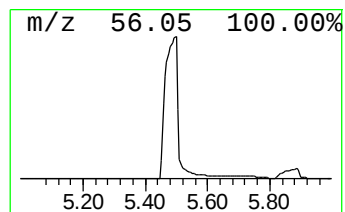
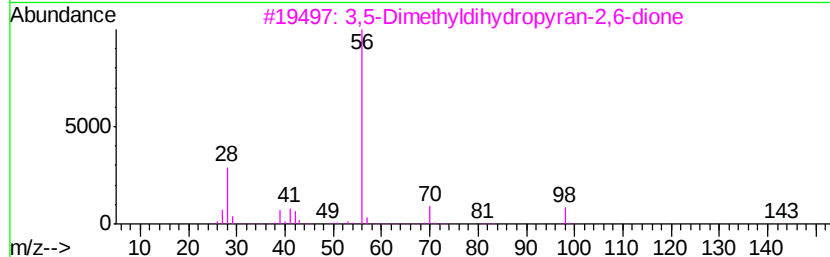
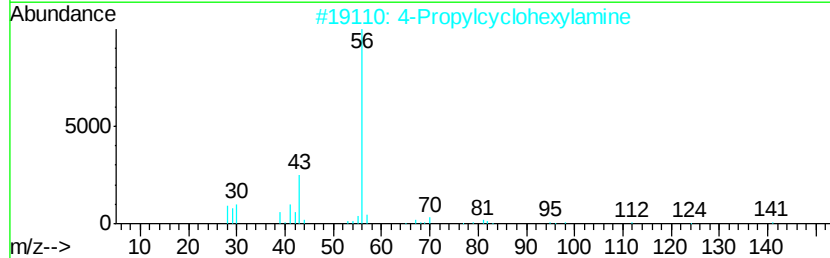
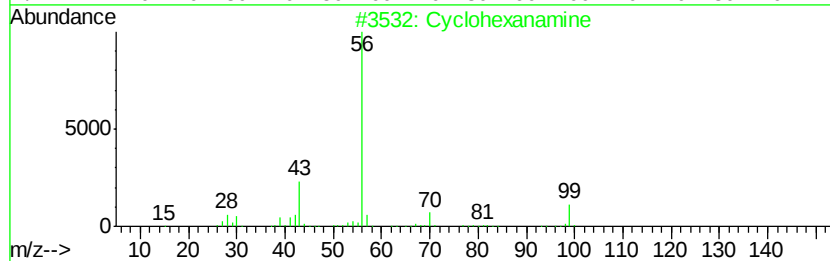
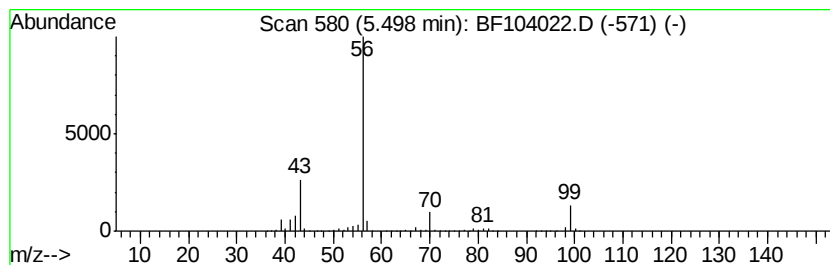
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Peak Number 2 Cyclohexanamine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	523.41 ng	16867200	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanamine	99	C6H13N	000108-91-8	90
2		4-Propylcyclohexylamine	141	C9H19N	102653-37-2	50
3		3,5-Dimethyldihydroxyran-2,6-dione	142	C7H10O3	007446-84-6	50
4		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	42
5		Cycloheptylamine	113	C7H15N	005452-35-7	25



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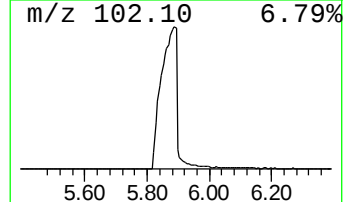
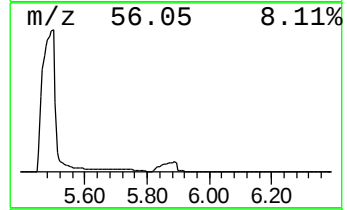
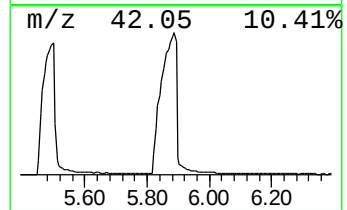
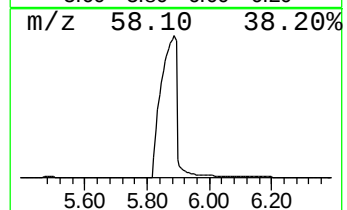
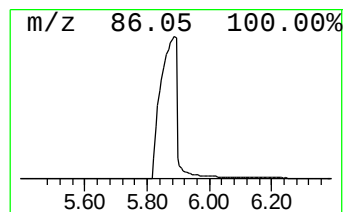
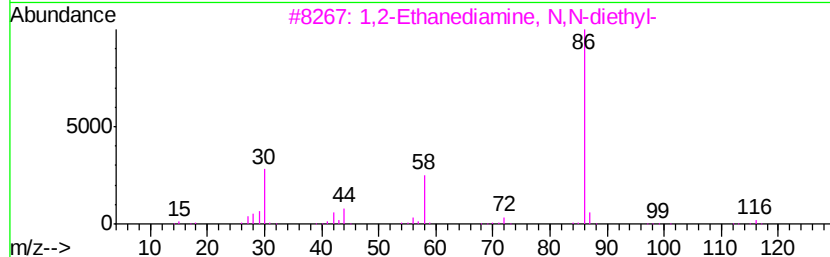
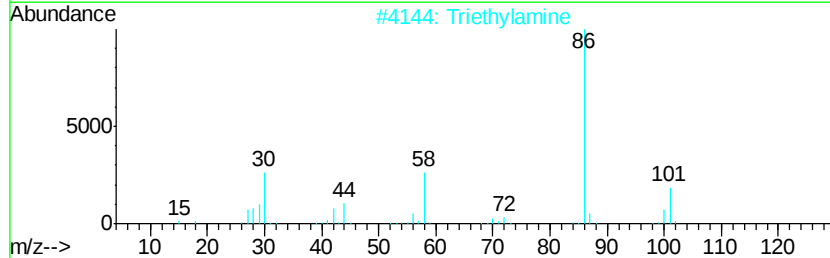
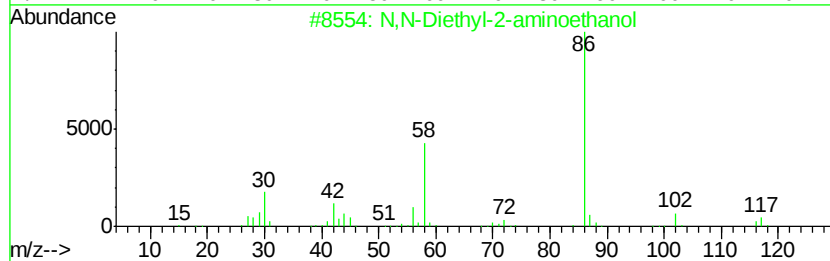
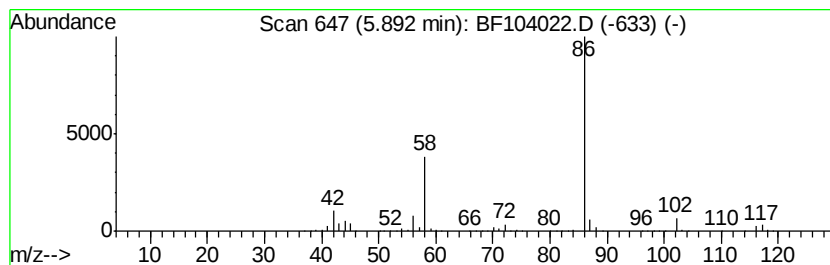
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Peak Number 3 N,N-Diethyl-2-aminoethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	501.39 ng	16157500	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Diethyl-2-aminoethanol	117	C6H15NO	000100-37-8	94
2		Triethylamine	101	C6H15N	000121-44-8	78
3		1,2-Ethanediamine, N,N-diethyl-	116	C6H16N2	000100-36-7	64
4		Methanediamine, N,N,N',N'-tetrae...	158	C9H22N2	000102-53-4	59
5		1-Propanamine, N,N-diethyl-	115	C7H17N	004458-31-5	56



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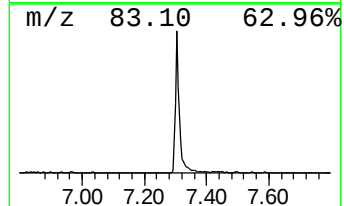
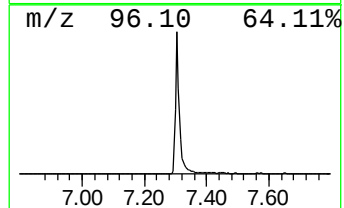
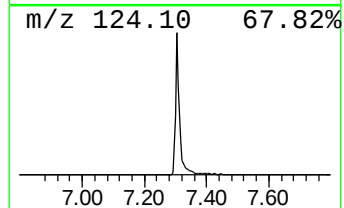
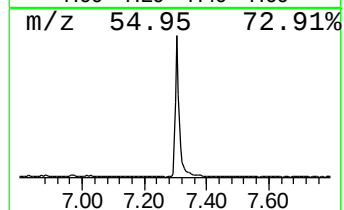
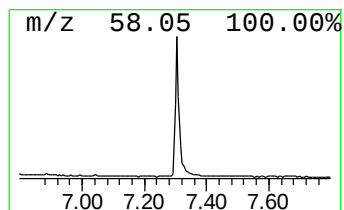
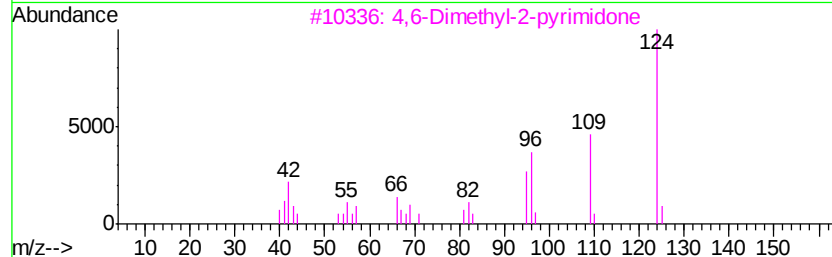
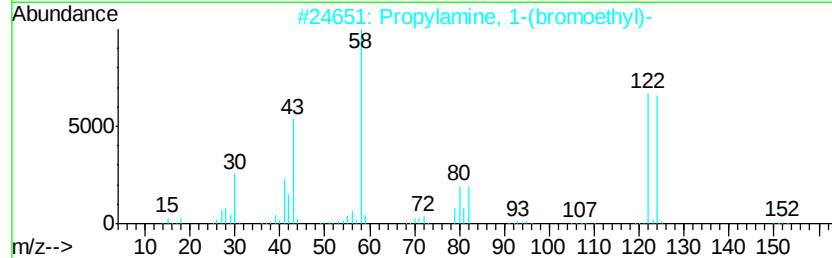
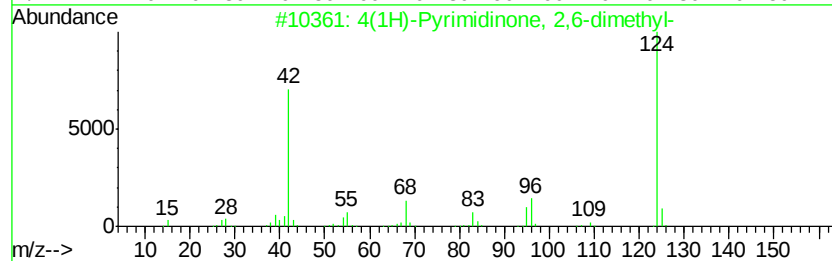
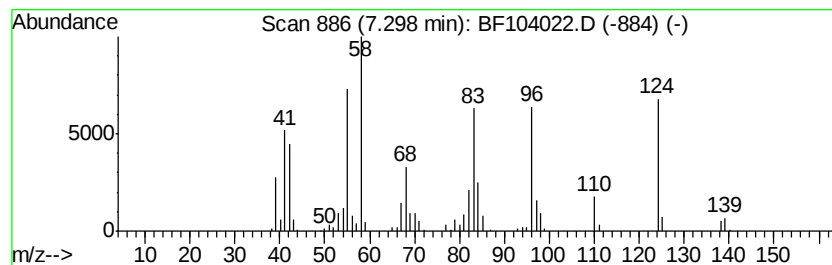
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Peak Number 4 unknown7.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	18.64 ng	600793	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4(1H)-Pyrimidinone, 2,6-dimethyl-	124	C6H8N2O	006622-92-0	43
2			Propylamine, 1-(bromoethyl)-	151	C4H10BrN	1000243-87-4	35
3			4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	27
4			Acetonitrile, (dimethylamino)-	84	C4H8N2	000926-64-7	22
5			2-Cyclohexen-1-one, 3,4-dimethyl-	124	C8H12O	1000197-00-4	22



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Morpholine	4.55	73.2	ng	2357440	1	6.97	644516	20.0
Cyclohexanamine	5.50	523.4	ng	16867200	1	6.97	644516	20.0
N,N-Diethyl-2-ami...	5.89	501.4	ng	16157500	1	6.97	644516	20.0
unknown7.30	7.30	18.6	ng	600793	1	6.97	644516	20.0