

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
 Data File : BF104063.D
 Acq On : 29 Mar 2018 20:40
 Operator : JU/SJ
 Sample : J2072-05 20X
 Misc :
 ALS Vial : 21 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	4.634	413	433	466	rBV	3571193	18600857	38.00%	15.013%
2	5.575	570	593	595	rBV2	6634474	48612311	99.30%	39.237%
3	6.028	639	670	671	rBV2	5284989	48953380	100.00%	39.512%
4	6.498	745	750	770	rVB	1358355	1462593	2.99%	1.181%
5	6.986	829	833	847	rBV	531858	643496	1.31%	0.519%
6	7.316	886	889	905	rBV	1573657	1490373	3.04%	1.203%
7	8.245	1044	1047	1055	rBV	779361	910378	1.86%	0.735%
8	10.004	1342	1346	1360	rBV	891841	1007061	2.06%	0.813%
9	11.498	1596	1600	1620	rBV	719586	901288	1.84%	0.727%
10	14.151	2047	2051	2062	rBV	507646	683164	1.40%	0.551%
11	15.692	2309	2313	2327	rVB	357358	629457	1.29%	0.508%

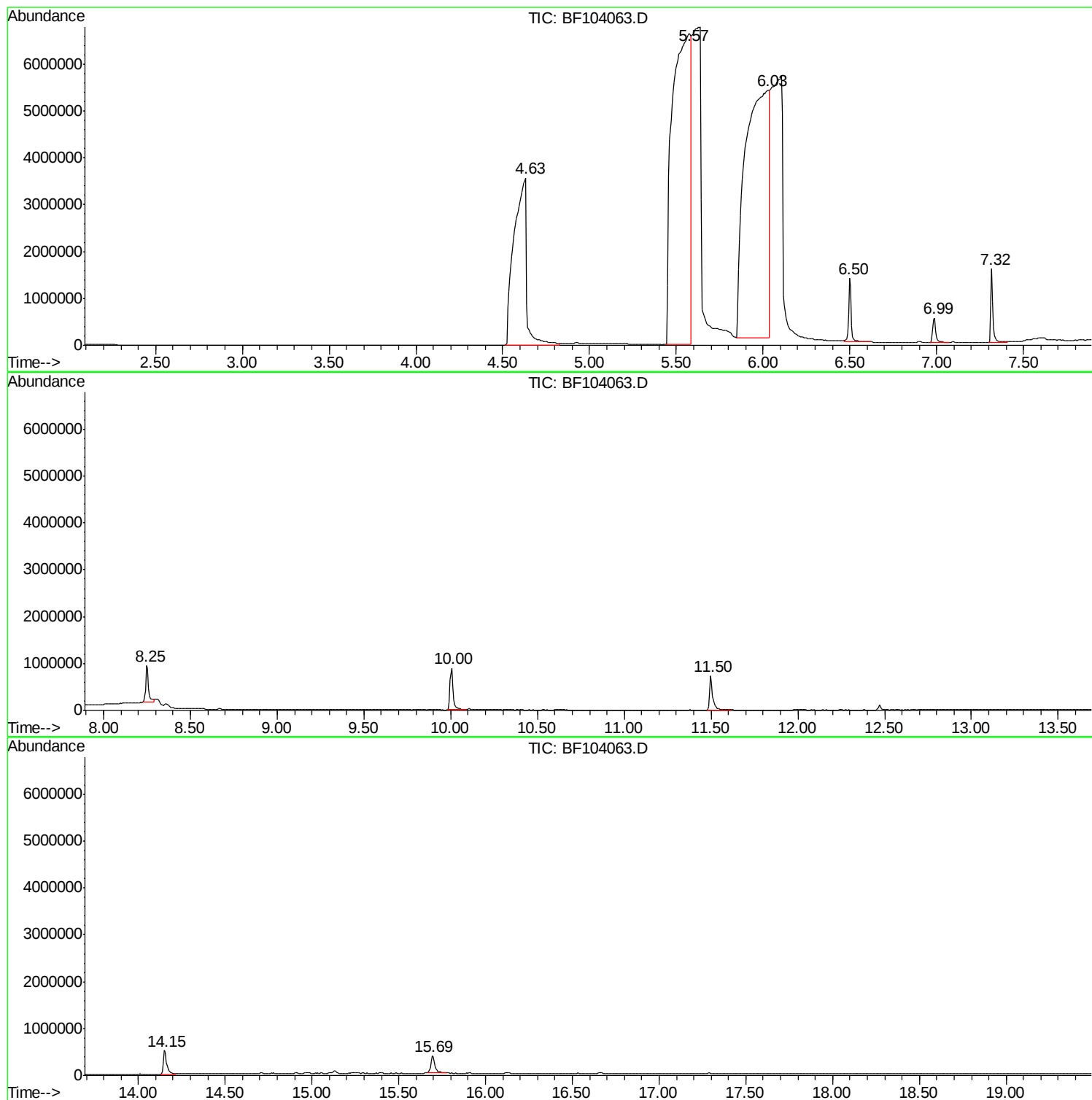
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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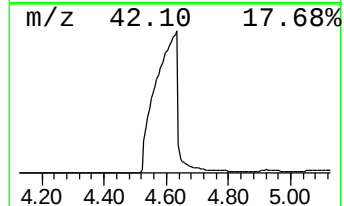
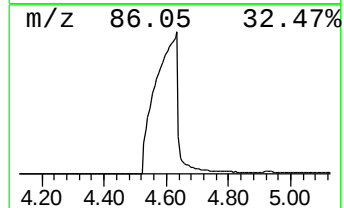
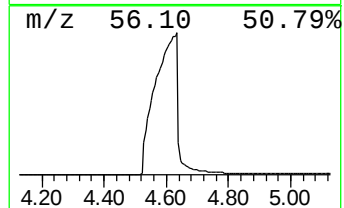
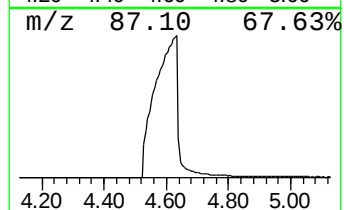
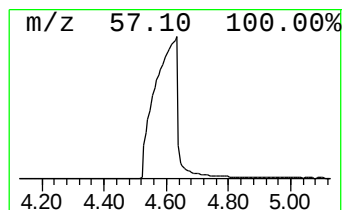
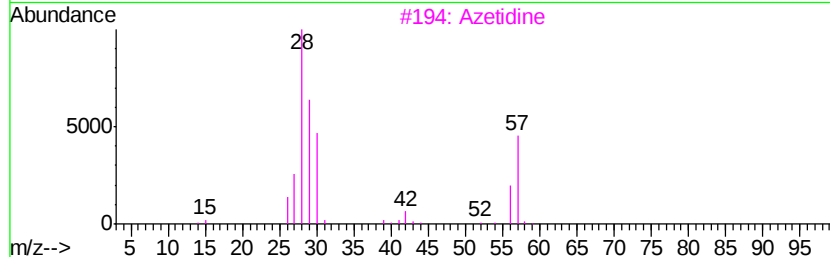
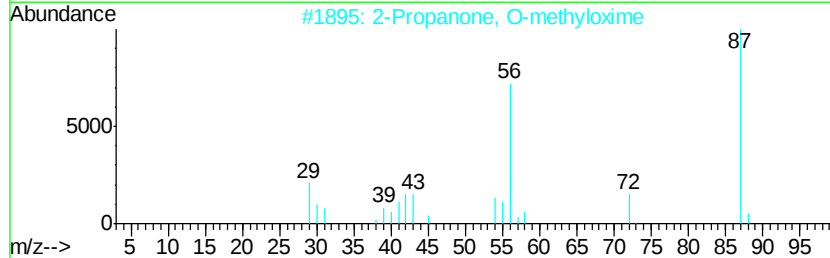
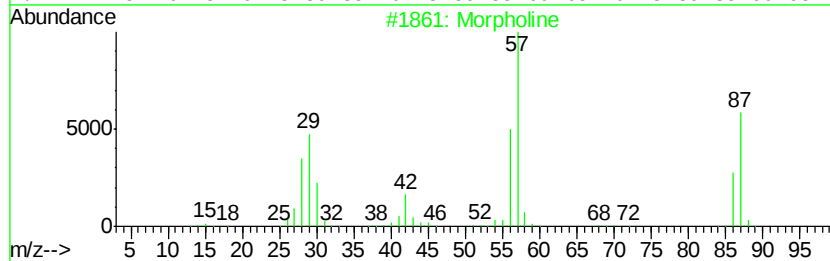
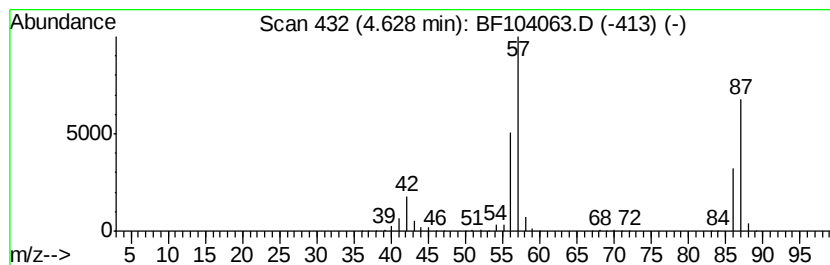
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.63	578.12 ng	18600900	1,4-Dichlorobenzene-d4	6.99

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	32
5		Ethyl-1-propenyl ether	86	C5H10O	000928-55-2	14



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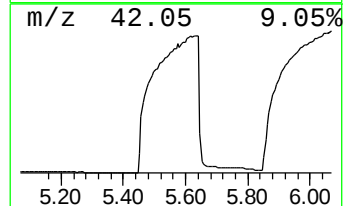
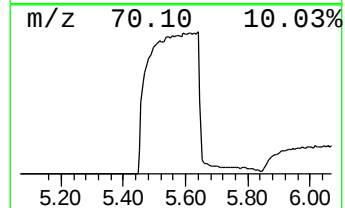
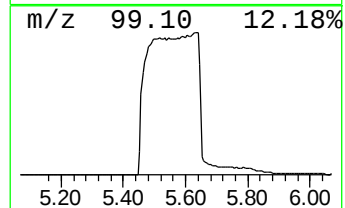
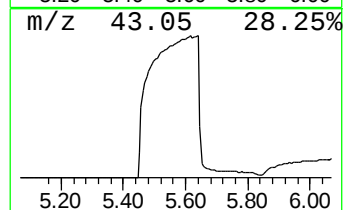
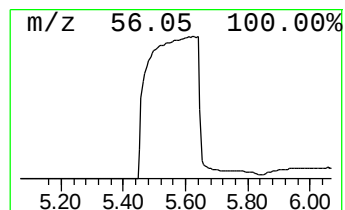
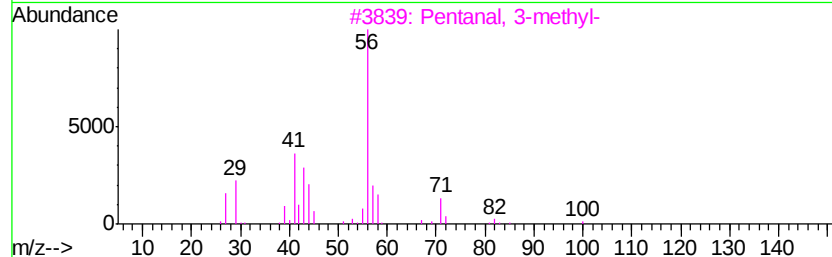
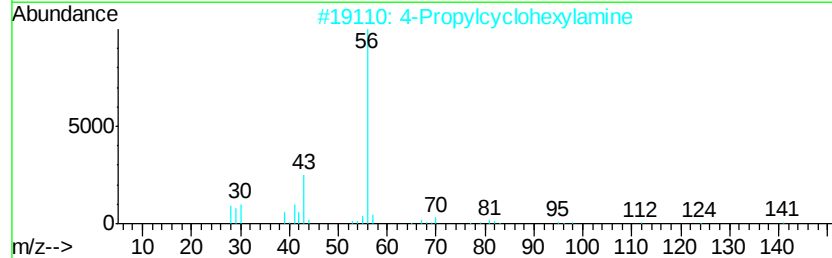
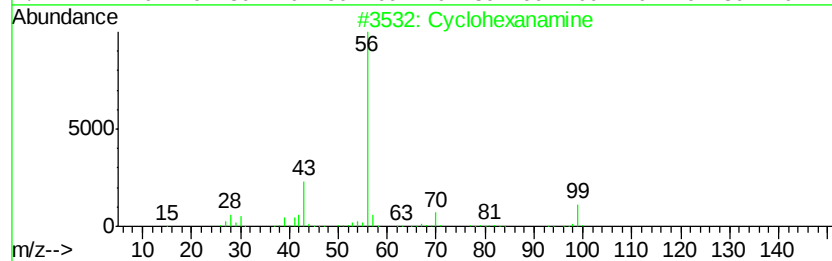
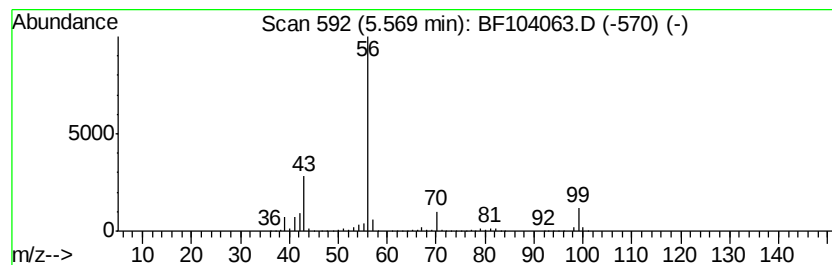
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Peak Number 2 Cyclohexanamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	1510.88 ng	48612300	1,4-Dichlorobenzene-d4	6.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanamine	99	C6H13N	000108-91-8	91
2		4-Propylcyclohexylamine	141	C9H19N	102653-37-2	64
3		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	42
4		Cyclooctanamine	127	C8H17N	005452-37-9	40
5		3,5-Dimethyldihydropyran-2,6-dione	142	C7H10O3	007446-84-6	39



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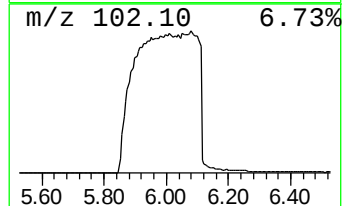
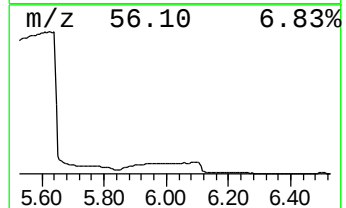
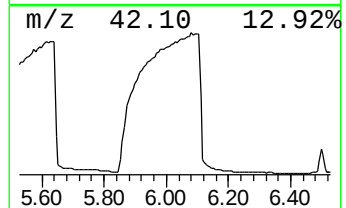
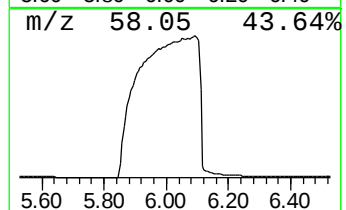
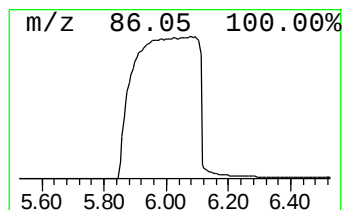
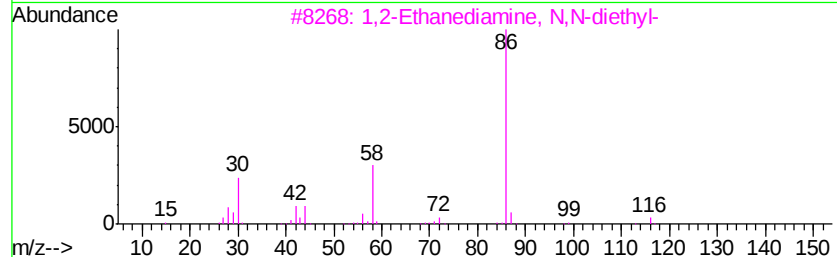
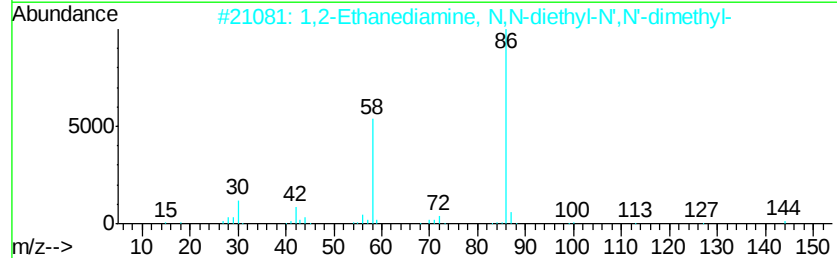
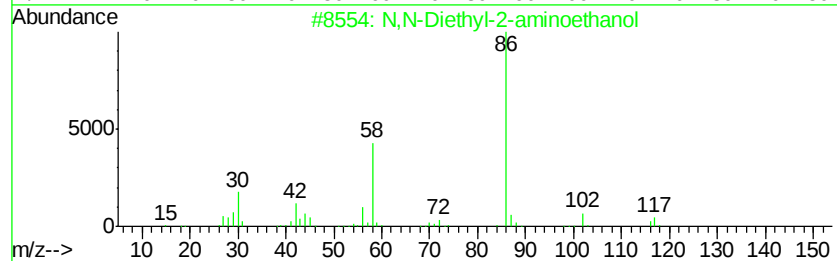
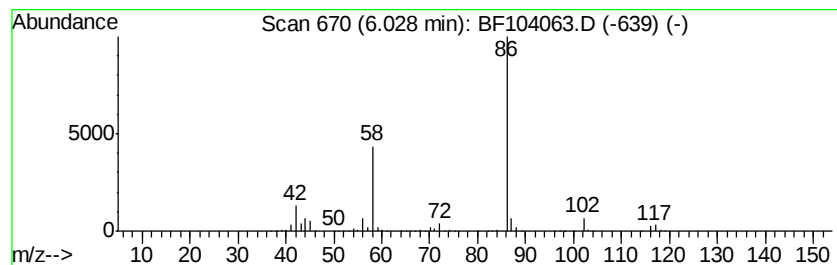
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Peak Number 3 N,N-Diethyl-2-aminoethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	1521.48 ng	48953400	1,4-Dichlorobenzene-d4	6.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N,N-Diethyl-2-aminoethanol	117	C6H15NO	000100-37-8	94
2		1,2-Ethanediamine, N,N-diethyl-N...	144	C8H20N2	000123-10-4	78
3		1,2-Ethanediamine, N,N-diethyl-	116	C6H16N2	000100-36-7	72
4		Oxazolidine, 2-ethyl-3-methyl-	115	C6H13NO	001630-75-7	72
5		Triethylamine	101	C6H15N	000121-44-8	64



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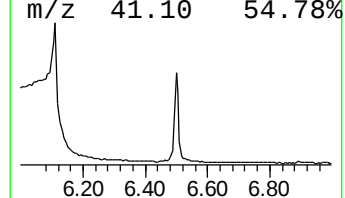
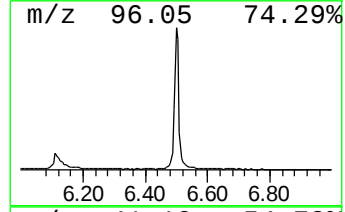
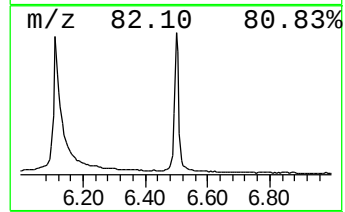
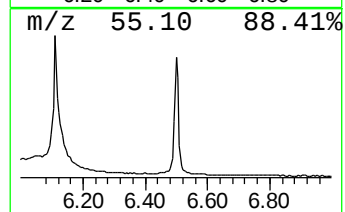
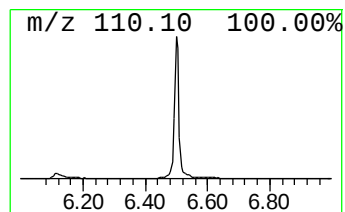
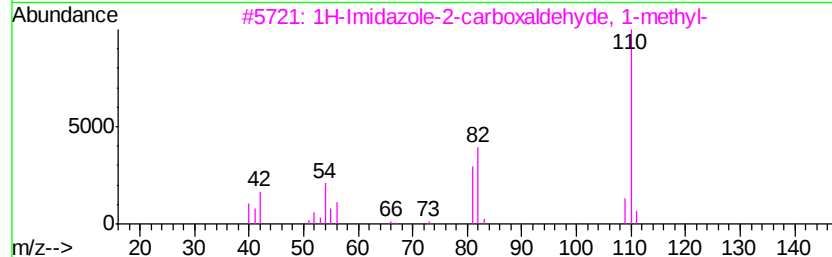
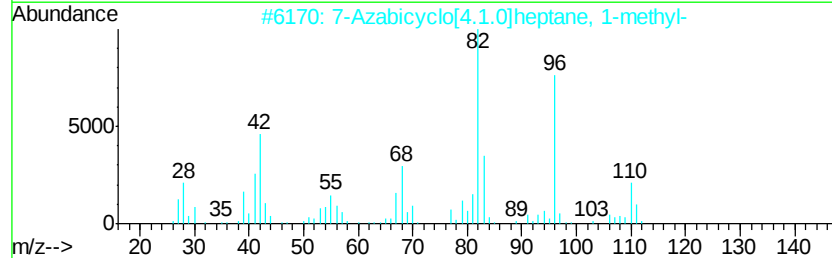
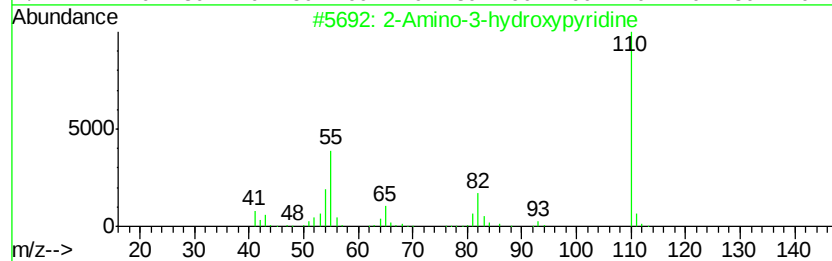
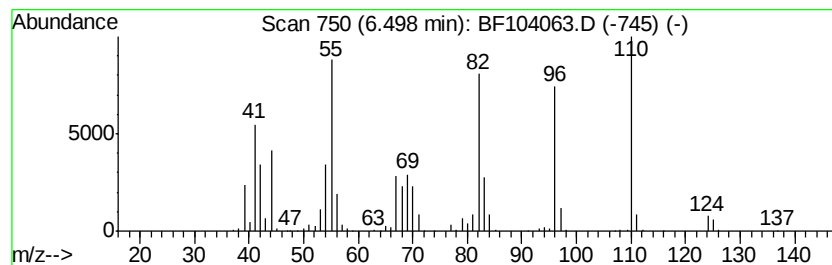
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Peak Number 4 unknown6.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	45.46 ng	1462590	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-3-hydroxypyridine	110	C5H6N2O	016867-03-1	45
2		7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	38
3		1H-Imidazole-2-carboxaldehyde, 1...	110	C5H6N2O	013750-81-7	35
4		Octanenitrile	125	C8H15N	000124-12-9	35
5		2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	30



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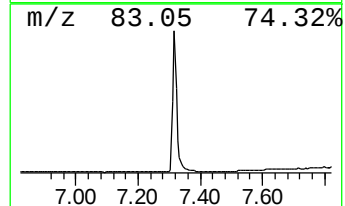
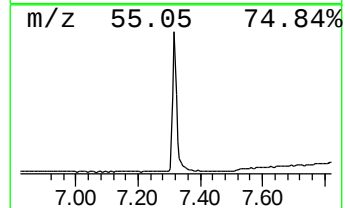
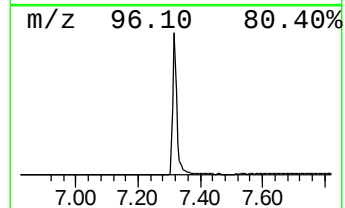
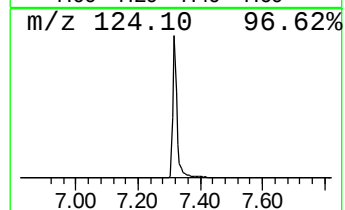
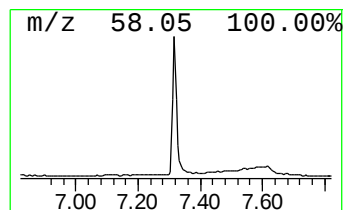
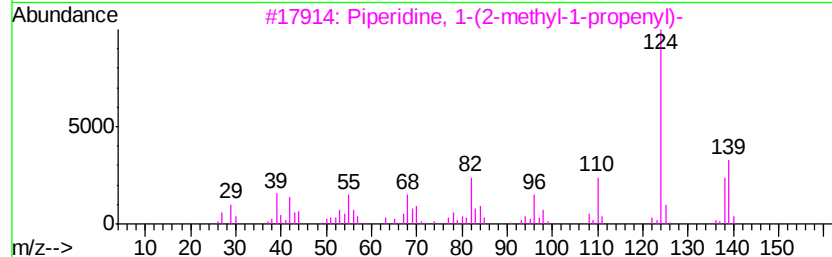
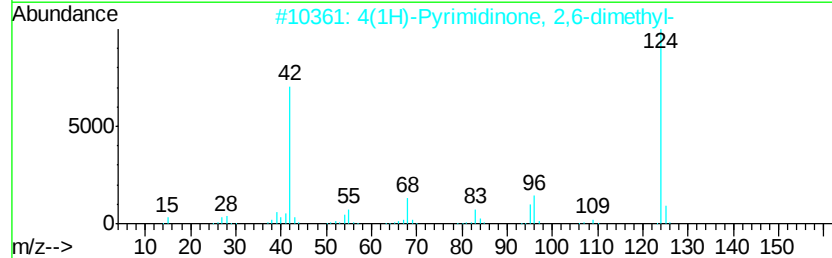
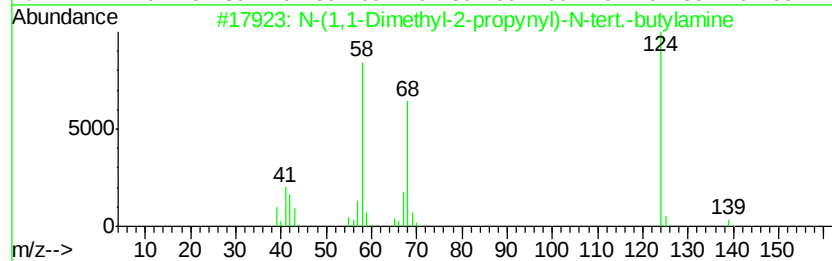
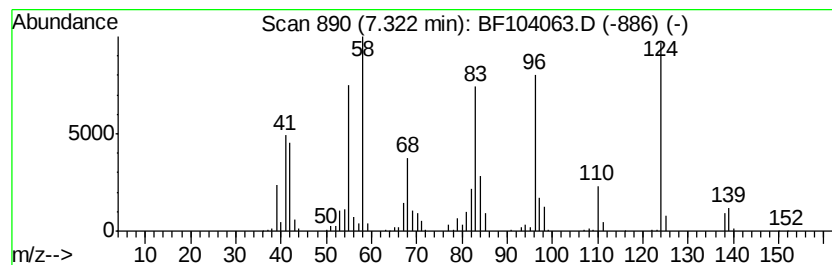
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Peak Number 5 N-(1,1-Dimethyl-2-propynyl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	46.32 ng	1490370	1,4-Dichlorobenzene-d4	6.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-(1,1-Dimethyl-2-propynyl)-N-ter...	139	C9H17N	001118-17-8	50
2		4(1H)-Pyrimidinone, 2,6-dimethyl-	124	C6H8N2O	006622-92-0	47
3		Piperidine, 1-(2-methyl-1-propen...	139	C9H17N	000673-33-6	38
4		2-Cyclohexen-1-one, 3,4-dimethyl-	124	C8H12O	1000197-00-4	27
5		Acetonitrile, (dimethylamino)-	84	C4H8N2	000926-64-7	22



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Morpholine	4.63	578.1	ng	18600900	1	6.99	643496	20.0
Cyclohexanamine	5.57	1510.9	ng	48612300	1	6.99	643496	20.0
N,N-Diethyl-2-ami...	6.03	1521.5	ng	48953400	1	6.99	643496	20.0
unknown6.50	6.50	45.5	ng	1462590	1	6.99	643496	20.0
N-(1,1-Dimethyl-2...	7.32	46.3	ng	1490370	1	6.99	643496	20.0