

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091283.D
 Acq On : 23 Nov 2016 19:07
 Operator : UM/SJ
 Sample : H5696-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.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	1.767	5	7	8	rBV	675525	888196	12.48%	1.356%
2	1.904	16	19	21	rBV	2260042	4122425	57.93%	6.292%
3	2.750	88	93	96	rVB	107278	170578	2.40%	0.260%
4	3.527	158	161	167	rBV	166752	277710	3.90%	0.424%
5	4.441	238	241	245	rBV	1123983	1414013	19.87%	2.158%
6	4.647	257	259	264	rBV2	60444	128322	1.80%	0.196%
7	5.082	294	297	302	rBV	948129	1603074	22.53%	2.447%
8	5.493	329	333	335	rBV	5524936	6242686	87.73%	9.529%
9	6.510	418	422	424	rBV	5177252	6144783	86.35%	9.379%
10	6.647	431	434	436	rBV	5796089	5793808	81.42%	8.844%
11	6.876	452	454	457	rBV	1473789	1284863	18.06%	1.961%
12	7.036	465	468	470	rVB	4950775	4399567	61.83%	6.715%
13	7.436	500	503	506	rBV	2999808	3867909	54.36%	5.904%
14	8.156	564	566	571	rBV2	1324916	1955579	27.48%	2.985%
15	9.242	658	661	663	rBV	6577068	6930779	97.40%	10.579%
16	9.916	717	720	722	rBV	2219196	2007788	28.22%	3.065%
17	10.705	785	789	791	rBV	4726019	5172392	72.69%	7.895%
18	11.402	847	850	852	rBV	2081106	2168555	30.47%	3.310%
19	12.717	963	965	972	rBV	153167	201547	2.83%	0.308%
20	12.991	986	989	992	rBV	6842287	7115956	100.00%	10.862%
21	14.031	1077	1080	1082	rBV	2358242	2101755	29.54%	3.208%
22	15.471	1203	1206	1209	rBV	1205963	1521377	21.38%	2.322%

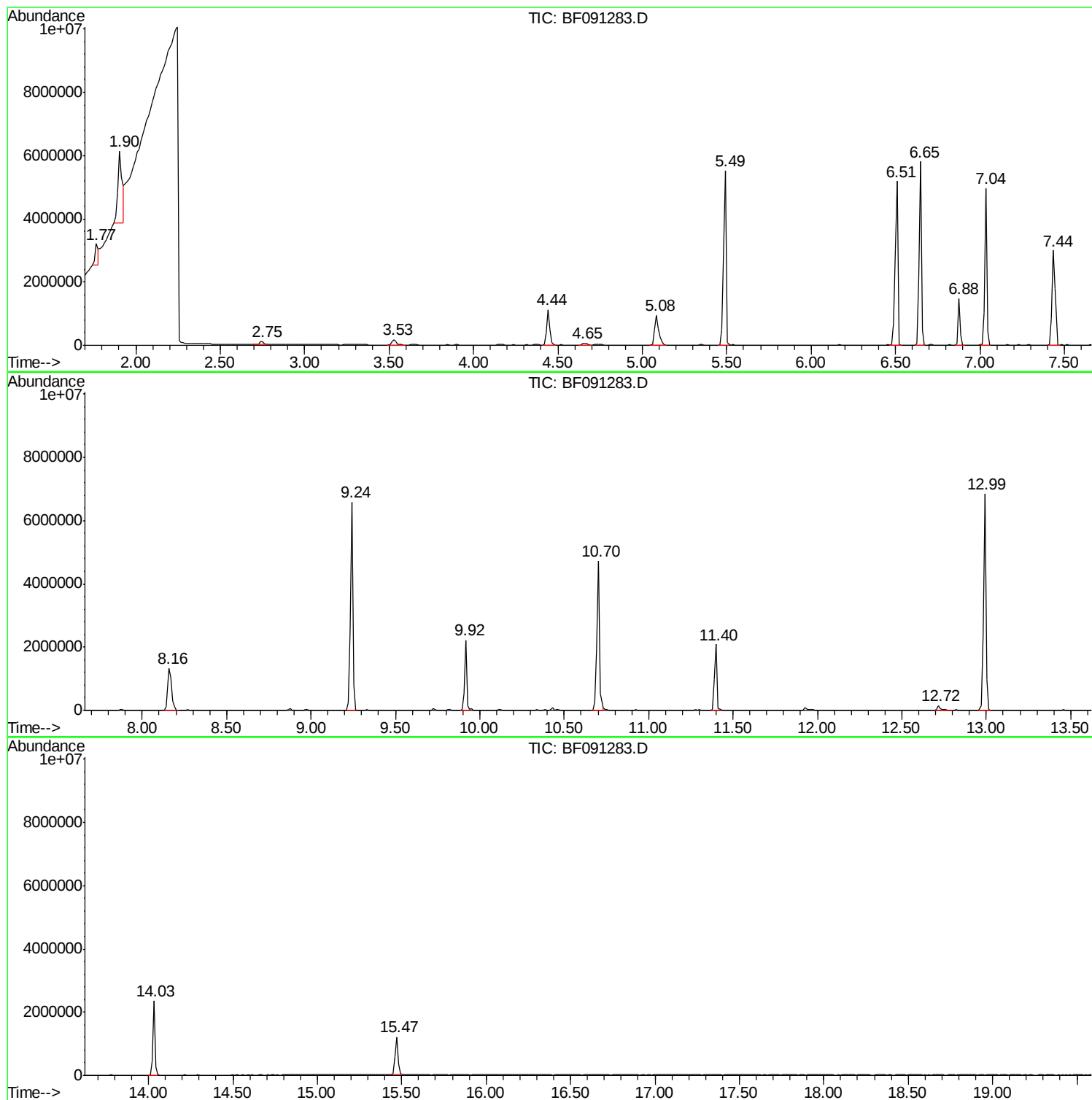
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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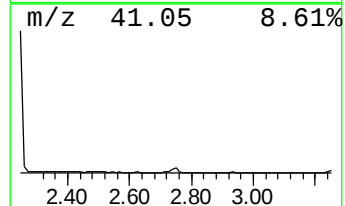
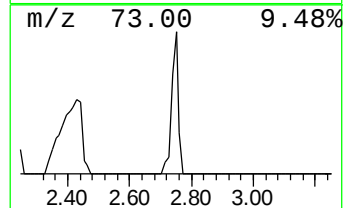
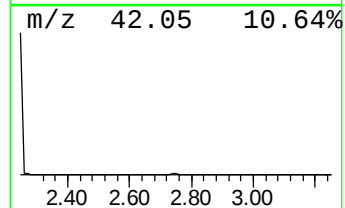
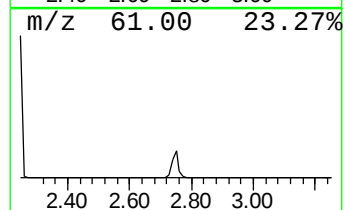
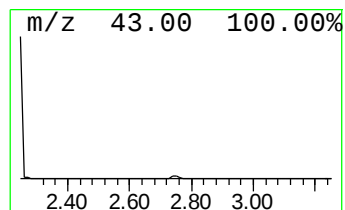
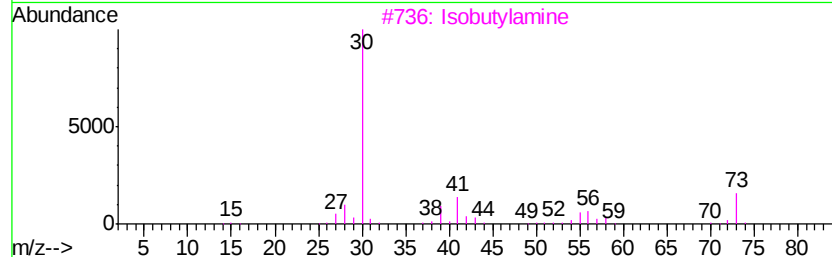
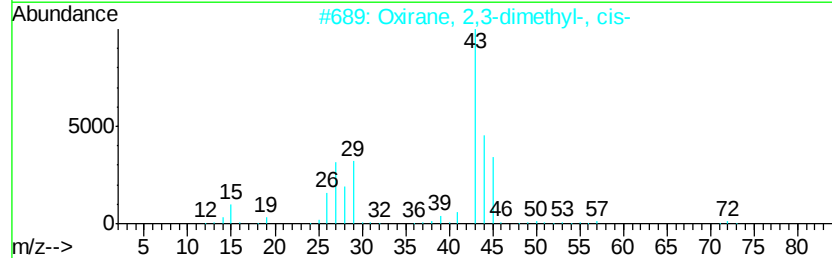
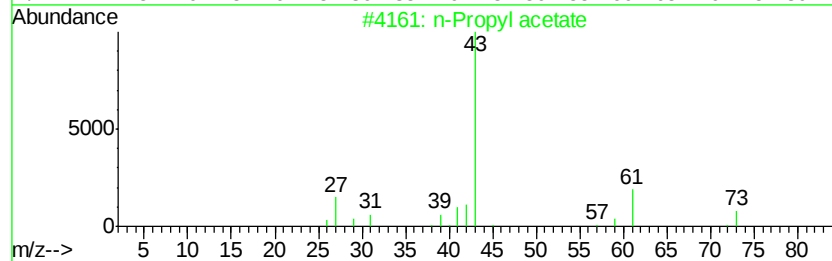
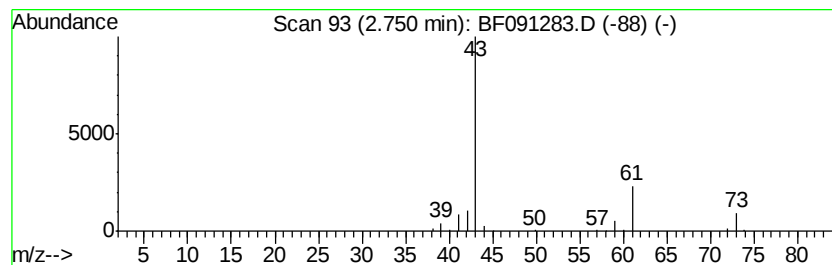
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Propyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	2.66 ng	170578	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78	
2	Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	7	
3	Isobutylamine	73	C4H11N	000078-81-9	7	
4	1-Butanamine	73	C4H11N	000109-73-9	7	
5	1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	4	



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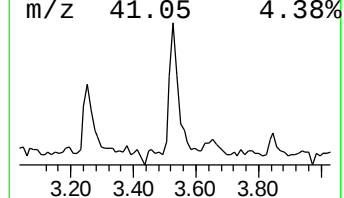
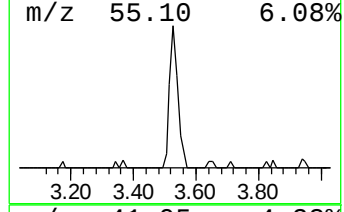
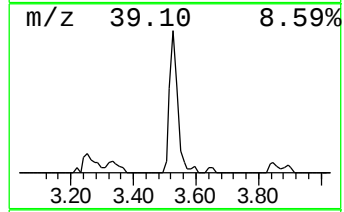
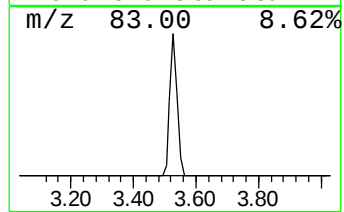
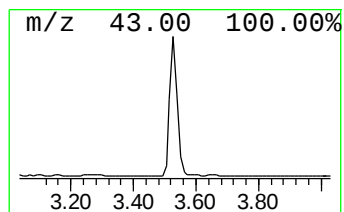
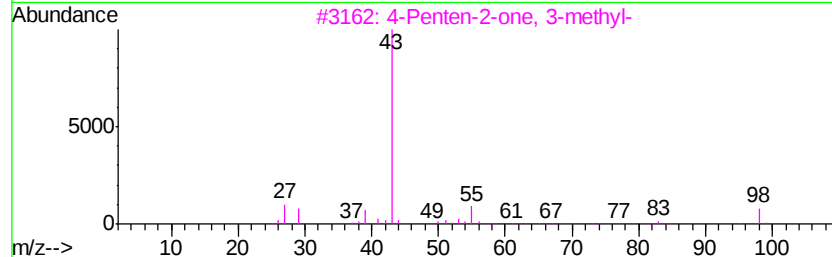
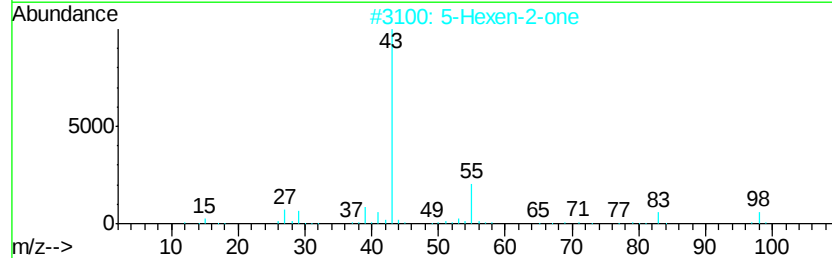
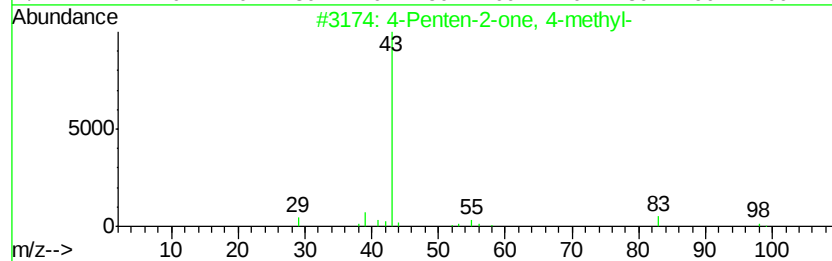
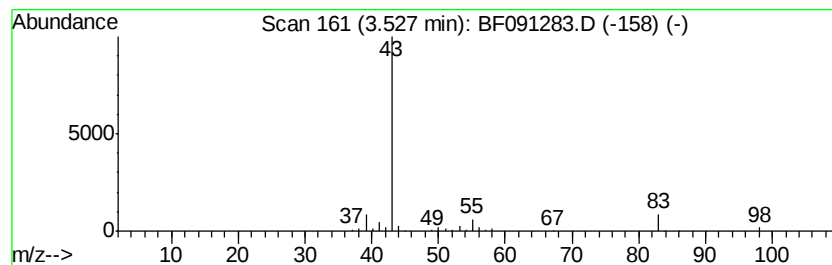
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	4.32 ng	277710	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2		5-Hexen-2-one	98	C6H10O	000109-49-9	40
3		4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	40
4		3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	9
5		2-Vinylethyl acetate	114	C6H10O2	001576-84-7	9



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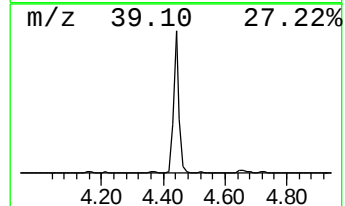
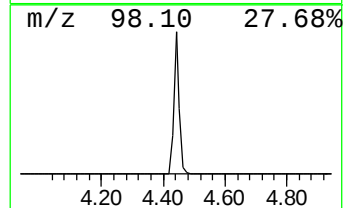
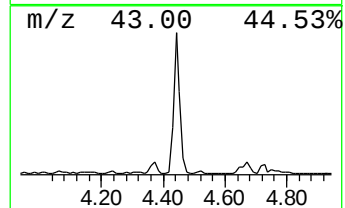
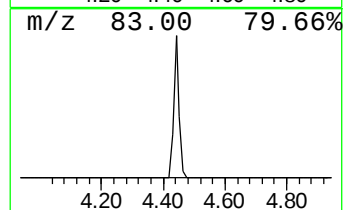
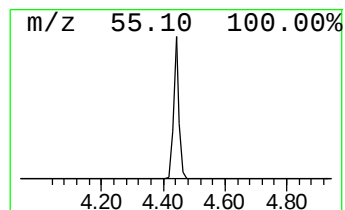
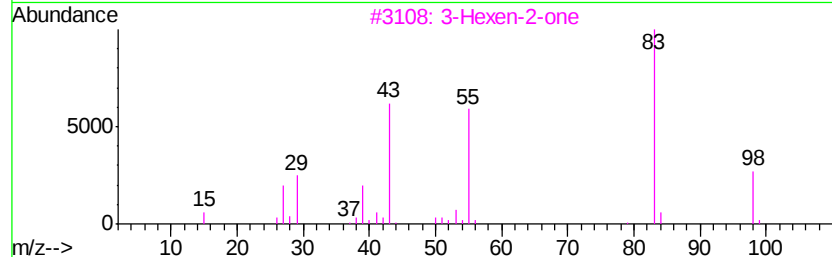
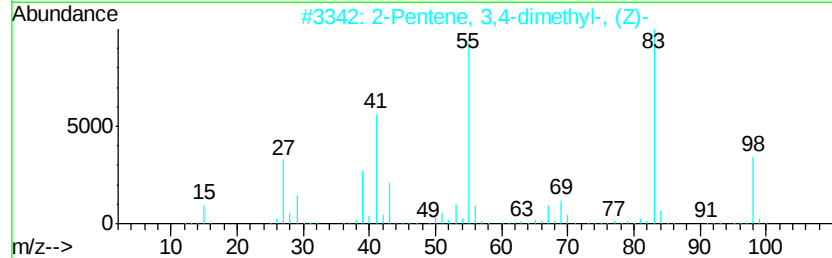
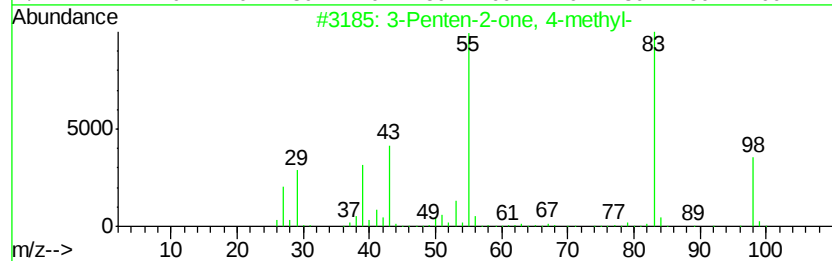
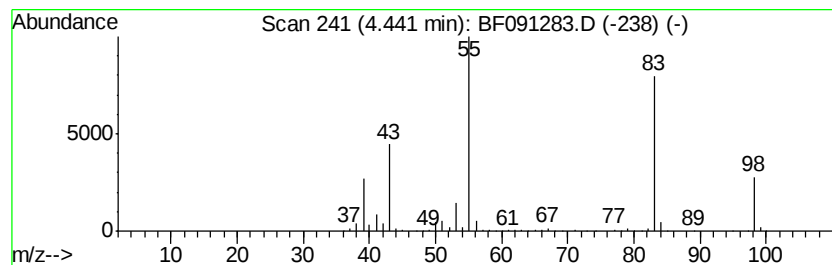
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Peak Number 5 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	22.01 ng	1414010	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
3		3-Hexen-2-one	98	C6H10O	000763-93-9	80
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
5		3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	78



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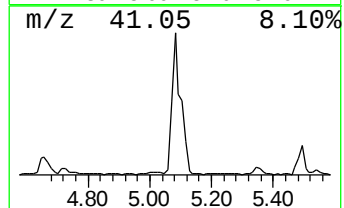
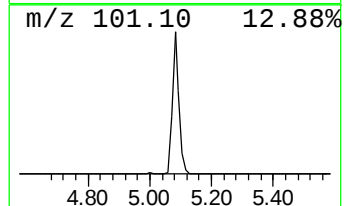
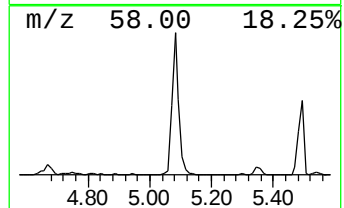
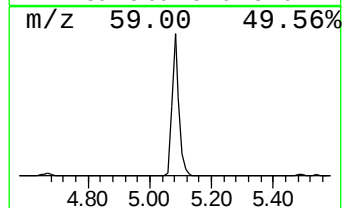
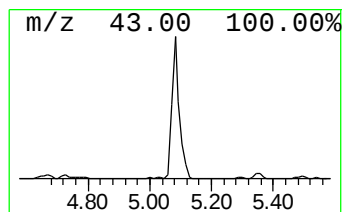
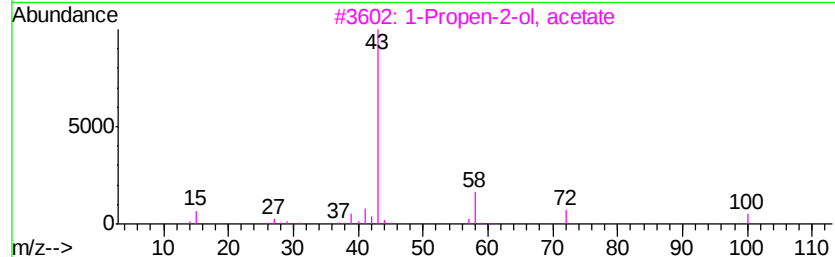
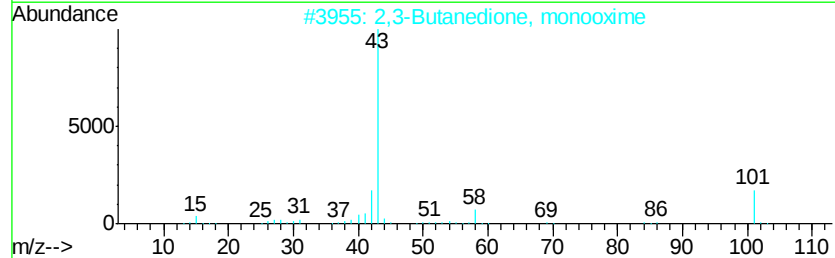
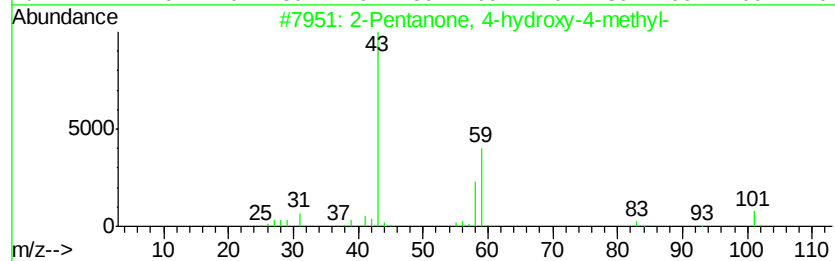
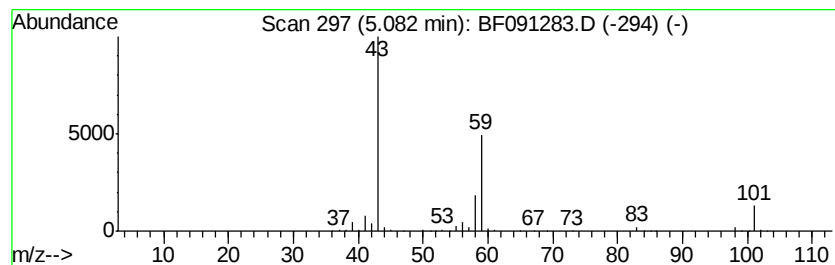
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	24.95 ng	1603070	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Acetone	58	C3H6O	000067-64-1	9
5		Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9



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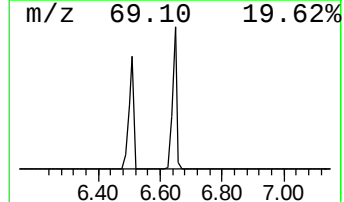
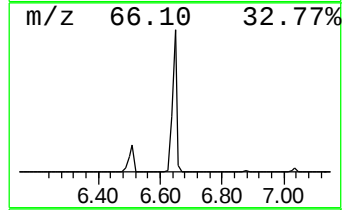
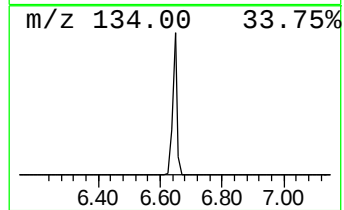
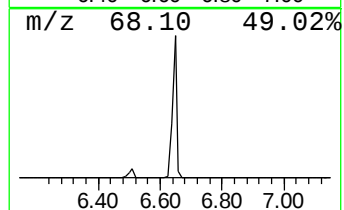
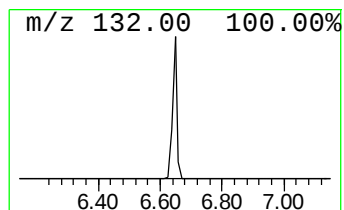
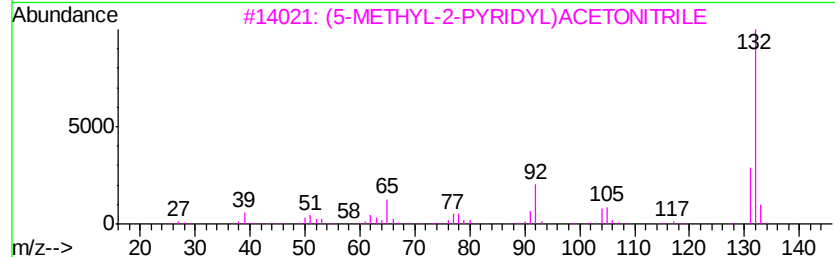
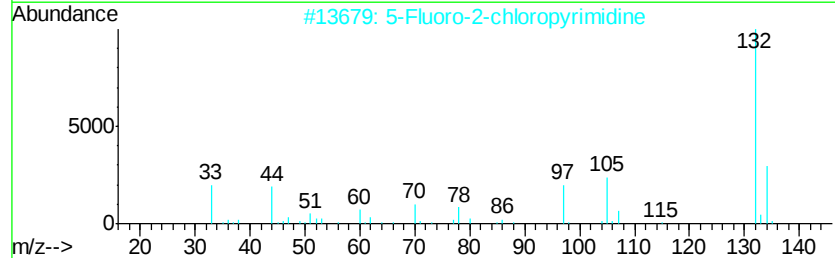
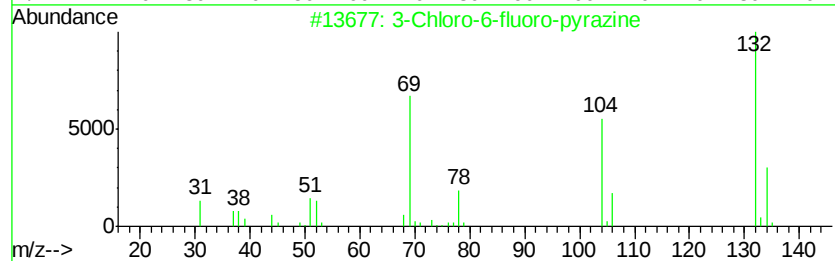
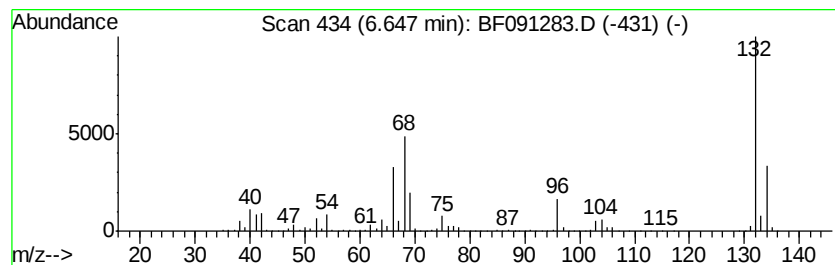
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Peak Number 7 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	90.19 ng	5793810	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Propyl acetate	2.75	2.7	ng	170578	1	6.88	1284860	20.0
4-Penten-2-one, 4...	3.53	4.3	ng	277710	1	6.88	1284860	20.0
3-Penten-2-one, 4...	4.44	22.0	ng	1414010	1	6.88	1284860	20.0
2-Pentanone, 4-hy...	5.08	24.9	ng	1603070	1	6.88	1284860	20.0
unknown6.65	6.65	90.2	ng	5793810	1	6.88	1284860	20.0