

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083780.D
 Acq On : 14 Dec 2015 20:30
 Operator : UM/IZ
 Sample : G4760-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121015-SOIL-POPH

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-BF121315.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	2.270	14	16	18	rVB	3622543	4933241	100.00%	13.854%
2	4.464	206	208	212	rVB	99510	132046	2.68%	0.371%
3	5.104	261	264	269	rVB	651781	906444	18.37%	2.546%
4	5.516	297	300	302	rBV	2531549	2641309	53.54%	7.418%
5	6.533	386	389	391	rBV	2459131	2645493	53.63%	7.429%
6	6.670	398	401	403	rBV	2967488	2923778	59.27%	8.211%
7	6.899	419	421	423	rBV	868593	715395	14.50%	2.009%
8	7.059	432	435	437	rBV	2728247	2426638	49.19%	6.815%
9	7.459	467	470	473	rBV	1875384	1906061	38.64%	5.353%
10	8.179	531	533	537	rBV2	918884	1152923	23.37%	3.238%
11	8.990	602	604	607	rBV	73923	70096	1.42%	0.197%
12	9.265	624	628	630	rBV	3690876	4134301	83.80%	11.610%
13	9.939	684	687	689	rBV	1172081	1156731	23.45%	3.248%
14	10.728	752	756	758	rBV	2114503	2669827	54.12%	7.498%
15	11.413	814	816	819	rBV	1119646	1154170	23.40%	3.241%
16	13.002	952	955	958	rBV	3328801	3995302	80.99%	11.220%
17	14.042	1044	1046	1049	rBV2	981350	1133835	22.98%	3.184%
18	15.482	1169	1172	1175	rBV	748004	910749	18.46%	2.558%

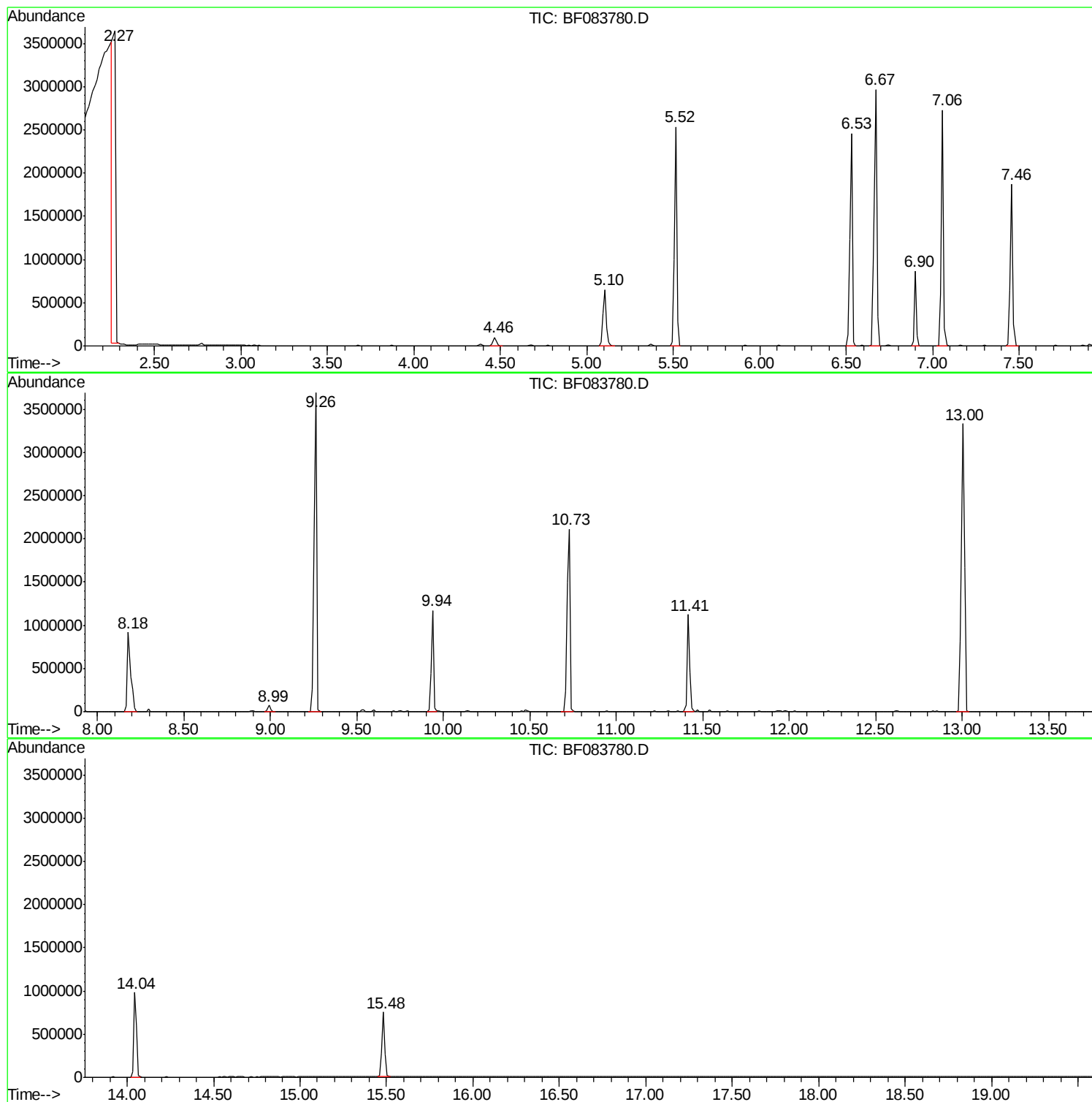
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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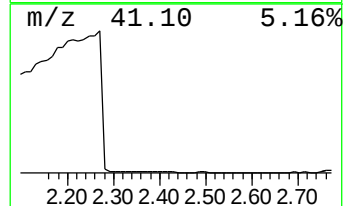
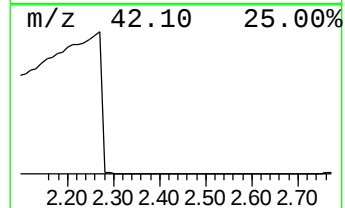
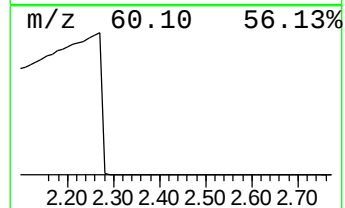
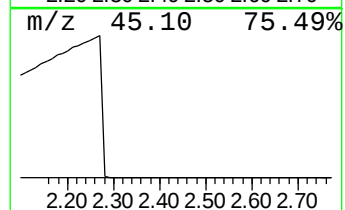
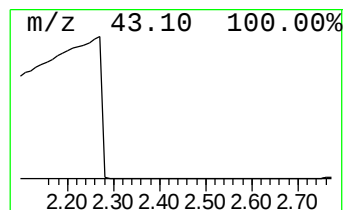
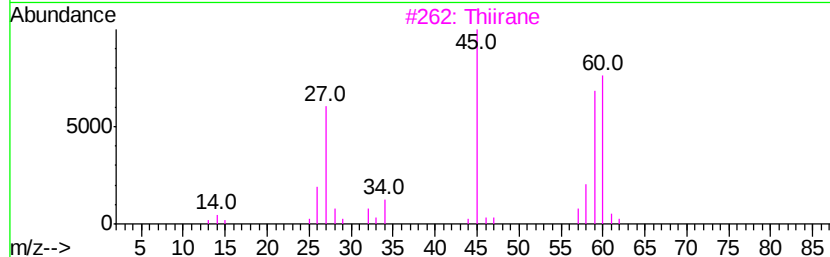
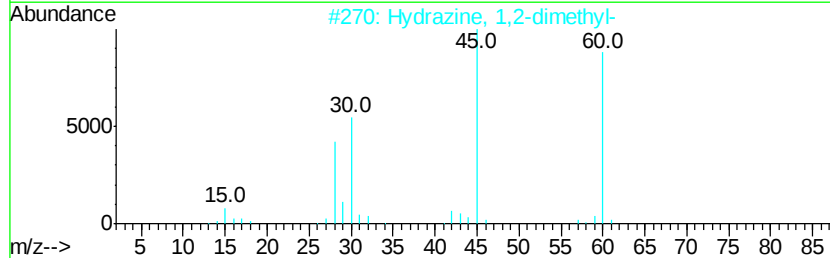
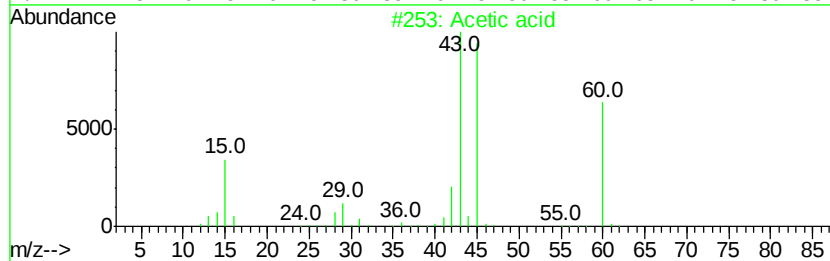
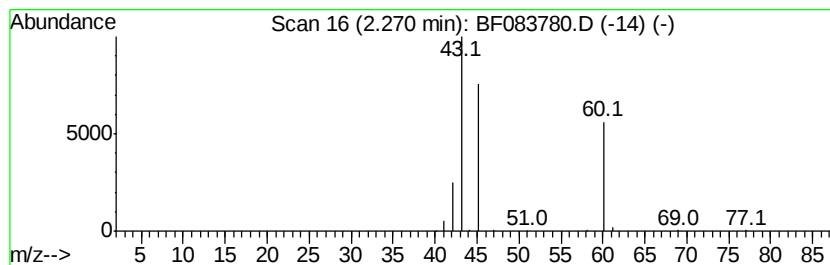
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	137.92 ng	4933240	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	86
2		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
3		Thiirane	60	C2H4S	000420-12-2	5
4		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	5
5		Carbonyl sulfide	60	COS	000463-58-1	4



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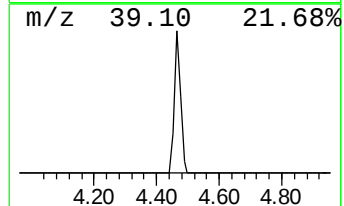
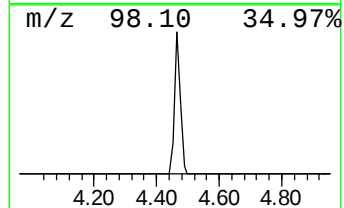
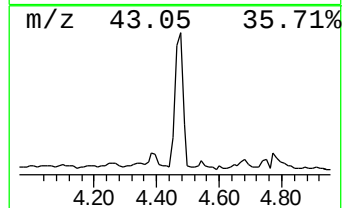
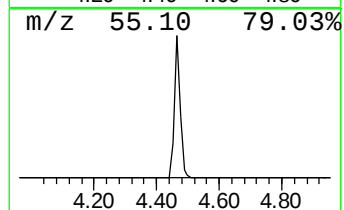
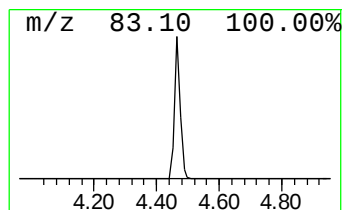
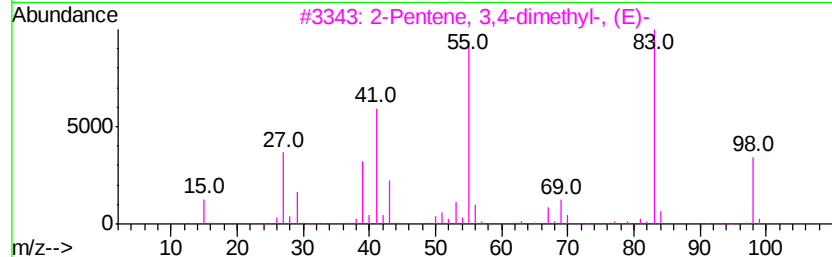
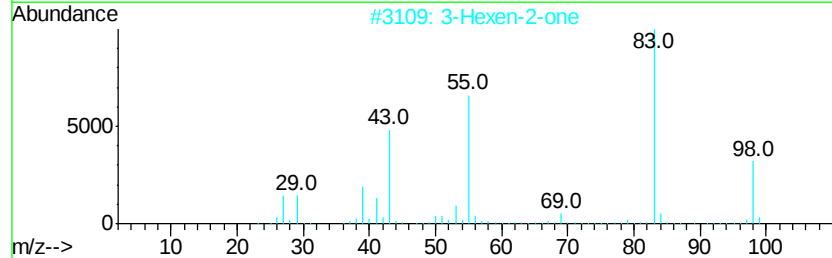
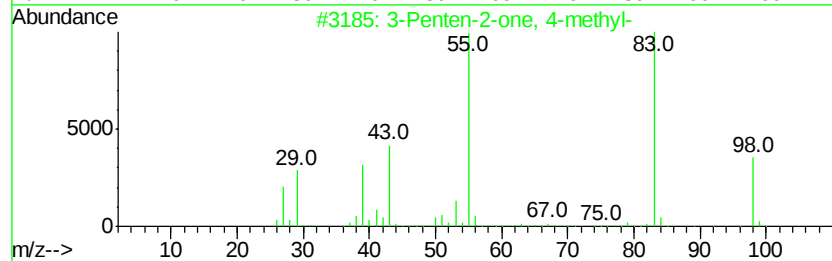
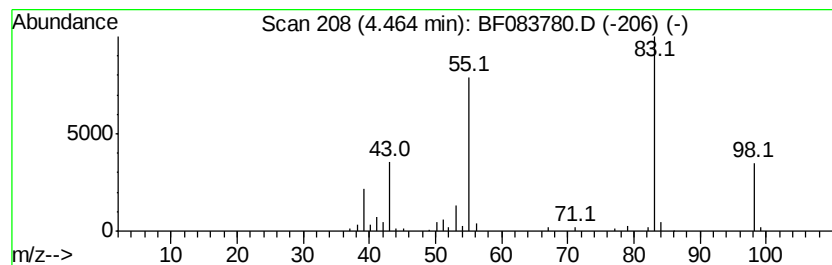
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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	3.69 ng	132046	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	90
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80



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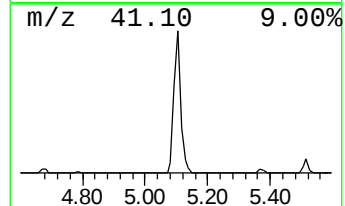
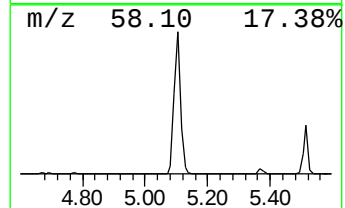
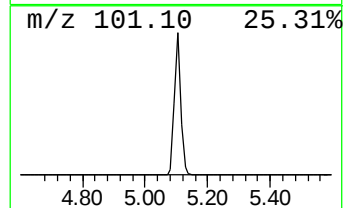
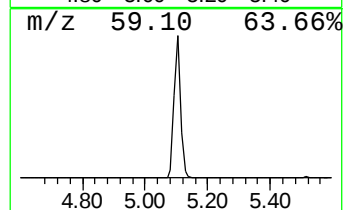
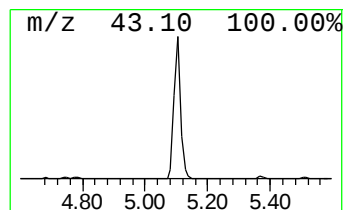
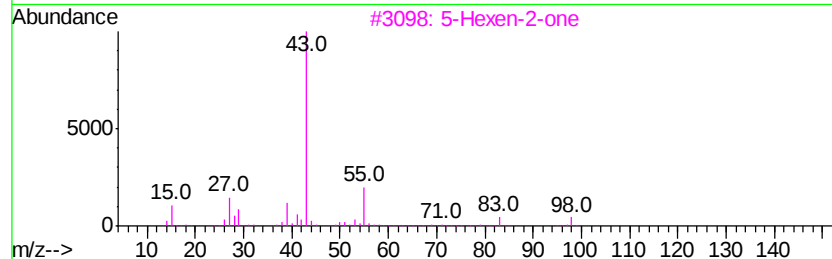
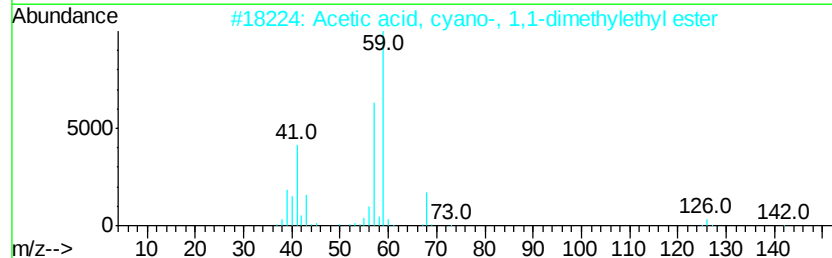
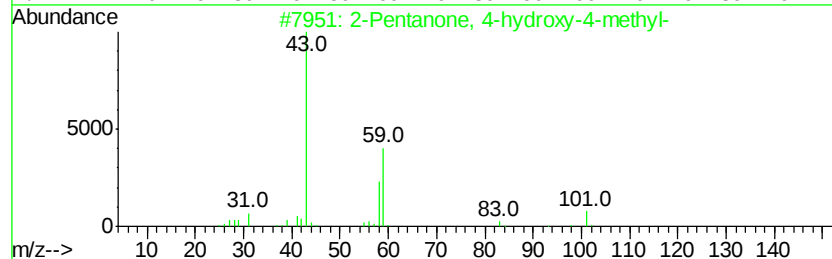
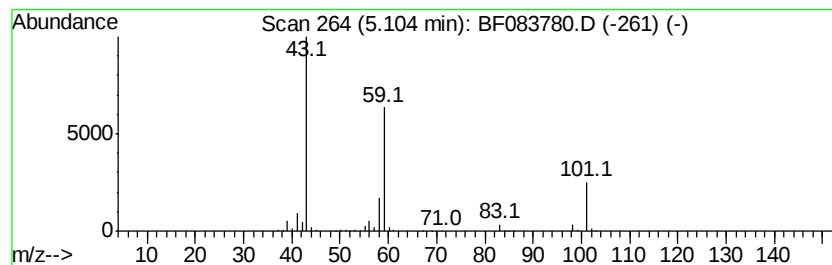
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	25.34 ng	906444	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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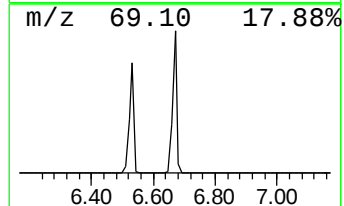
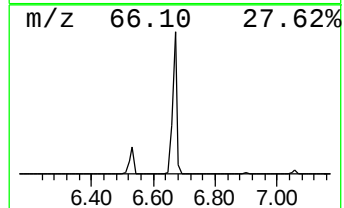
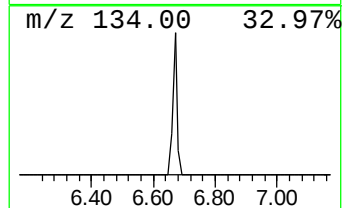
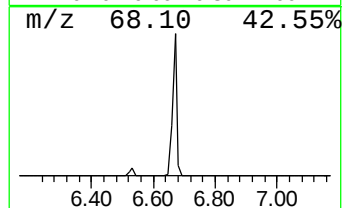
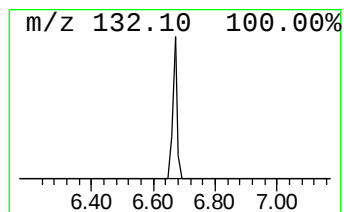
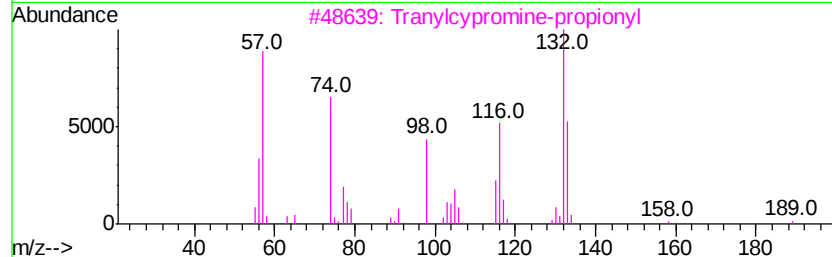
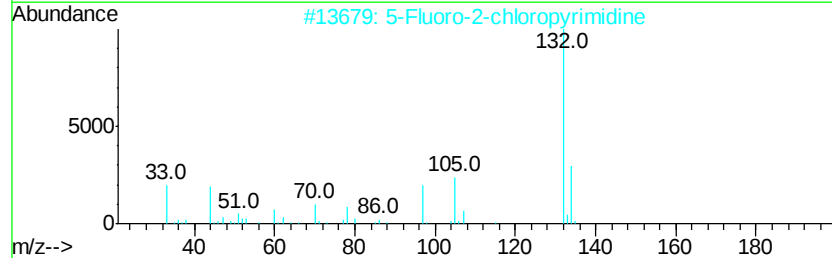
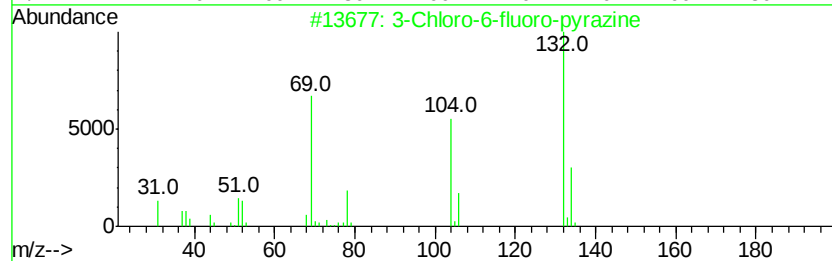
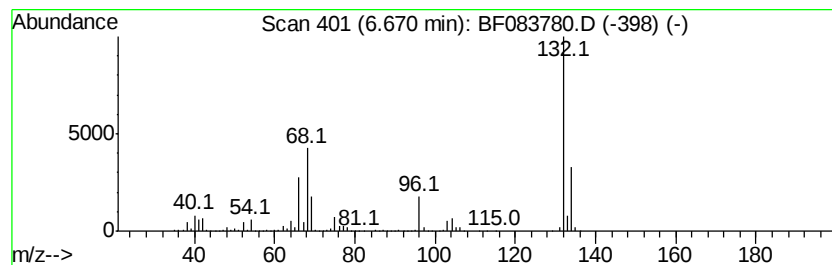
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Peak Number 4 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	81.74 ng	2923780	1,4-Dichlorobenzene-d4	6.90

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	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
Acetic acid	2.27	137.9	ng	4933240	1	6.90	715395	20.0
3-Penten-2-one, 4...	4.46	3.7	ng	132046	1	6.90	715395	20.0
2-Pentanone, 4-hy...	5.10	25.3	ng	906444	1	6.90	715395	20.0
unknown6.67	6.67	81.7	ng	2923780	1	6.90	715395	20.0