

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085565.D
 Acq On : 19 Mar 2016 10:18
 Operator : UM/SJ
 Sample : H1797-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-SOIL-COMP

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-BF031816.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	2.424	6	12	19	rVB4	13415	56613	1.31%	0.178%
2	2.698	33	36	44	rVB	52904	83192	1.92%	0.261%
3	5.053	240	242	248	rBV	285247	436186	10.08%	1.370%
4	5.464	275	278	280	rBV	2854234	3054475	70.59%	9.596%
5	6.493	364	368	370	rBV	2215743	3089379	71.39%	9.706%
6	6.619	376	379	382	rBV	2669909	3232693	74.71%	10.156%
7	6.847	397	399	402	rBV	576282	792468	18.31%	2.490%
8	7.007	411	413	416	rVB	2621892	2562149	59.21%	8.049%
9	7.419	446	449	451	rBV	2233227	2273336	52.54%	7.142%
10	8.139	509	512	514	rBV	1149516	1121649	25.92%	3.524%
11	9.213	603	606	609	rBV	3747397	3797882	87.77%	11.932%
12	9.705	647	649	651	rBV	234589	189874	4.39%	0.597%
13	9.888	663	665	667	rBV	1234075	1149776	26.57%	3.612%
14	10.310	699	702	704	rVB	54368	49985	1.16%	0.157%
15	10.676	731	734	737	rBV2	1964865	2614074	60.41%	8.213%
16	11.373	792	795	797	rBV	1402782	1223480	28.27%	3.844%
17	12.962	931	934	936	rBV	4193811	4327172	100.00%	13.594%
18	14.002	1023	1025	1028	rBV	1047706	1030932	23.82%	3.239%
19	15.431	1147	1150	1153	rBV	616560	745062	17.22%	2.341%

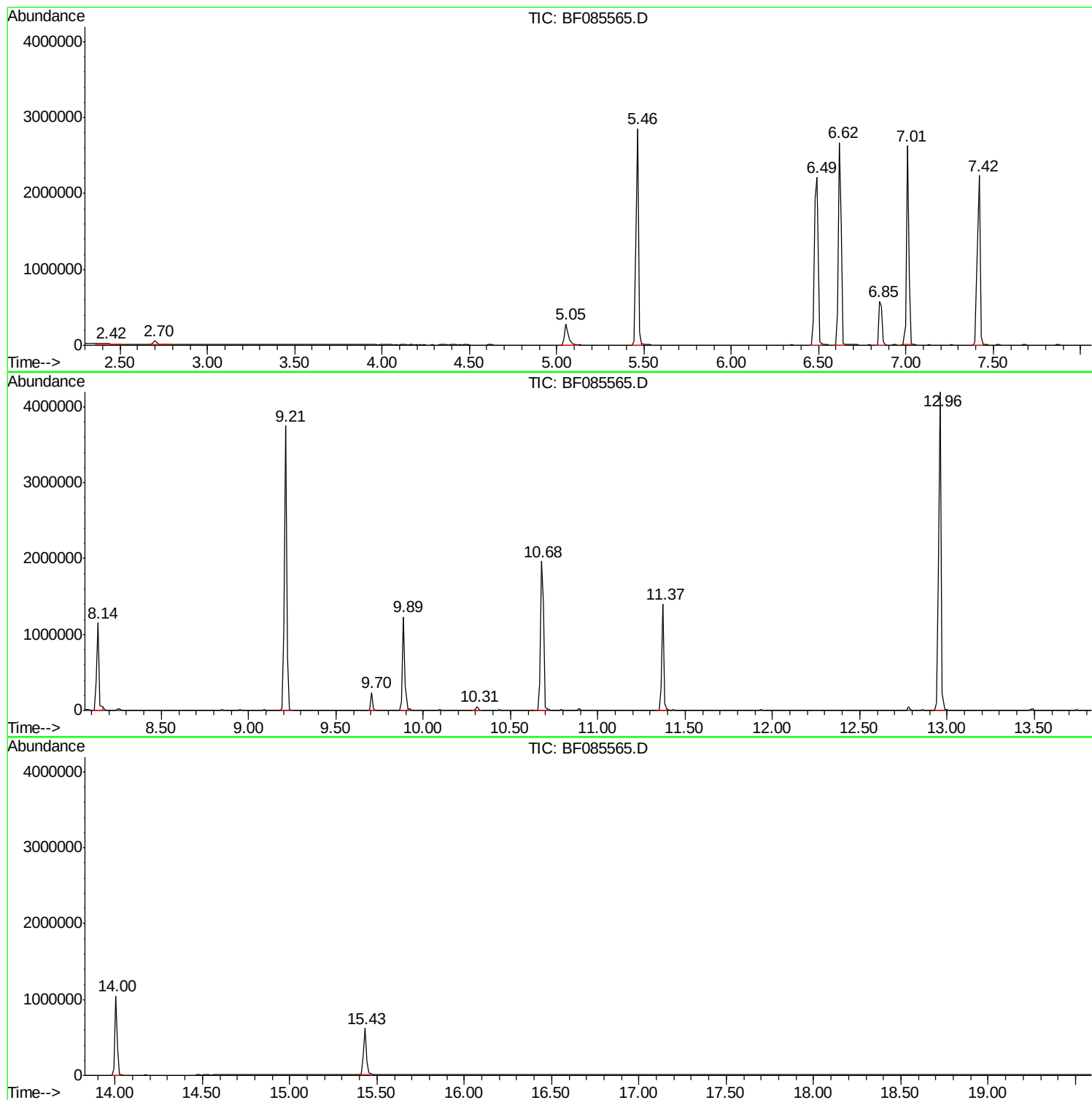
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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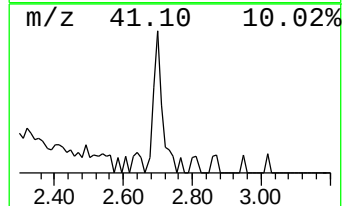
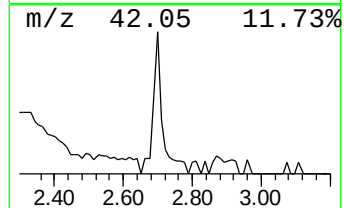
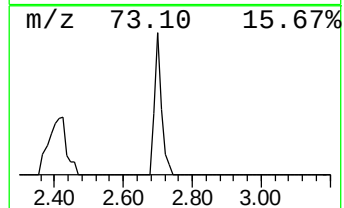
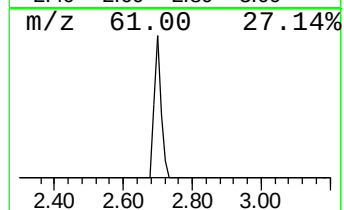
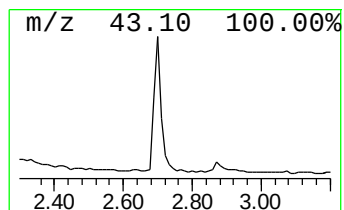
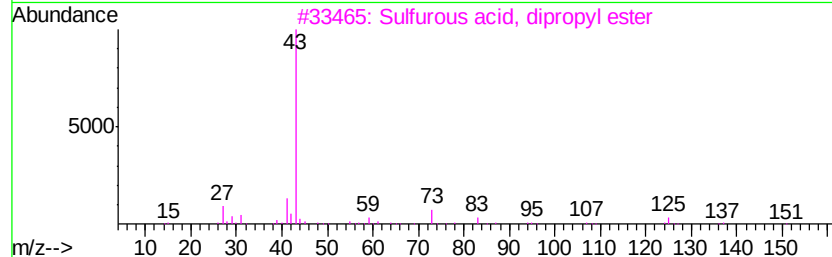
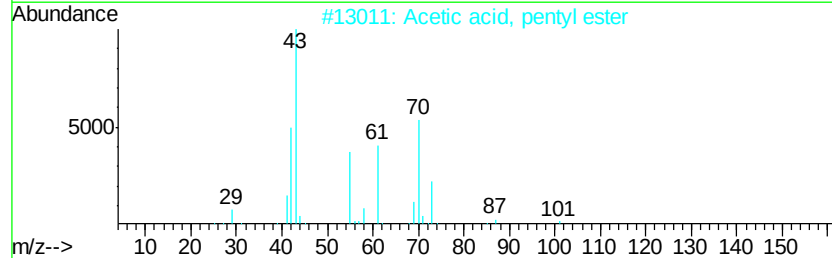
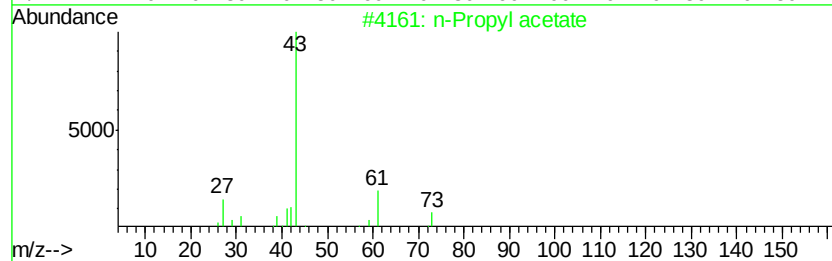
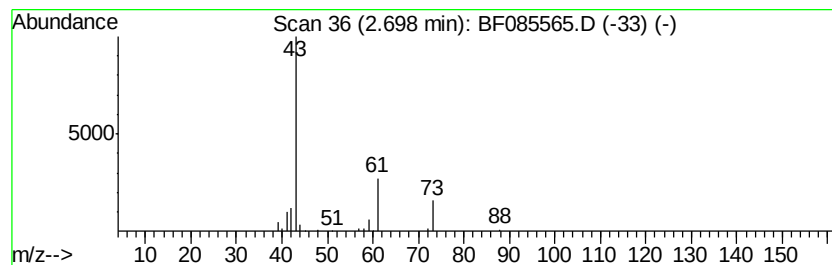
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	2.10 ng	83192	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	72
2		Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
3		Sulfurous acid, dipropyl ester	166	C6H14O3S	000623-98-3	9
4		Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	9
5		Acetic acid, (acetyloxy)-	118	C4H6O4	013831-30-6	9



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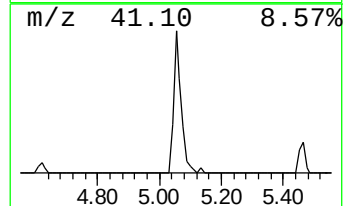
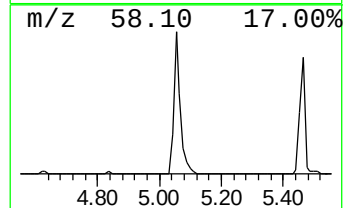
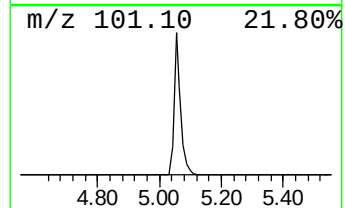
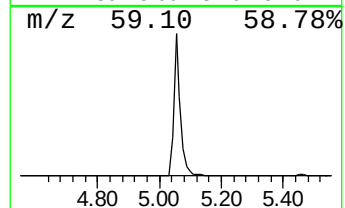
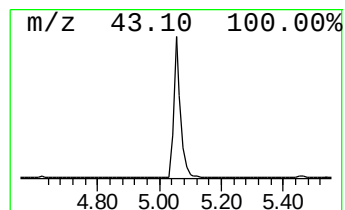
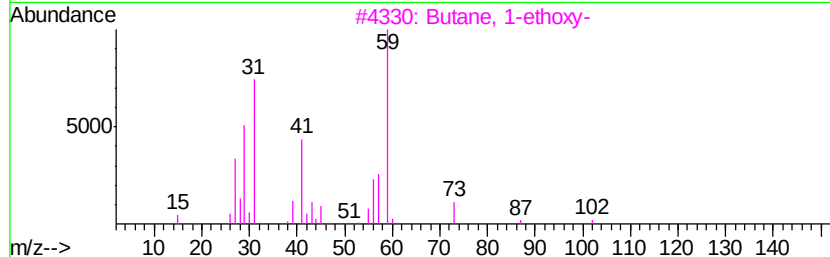
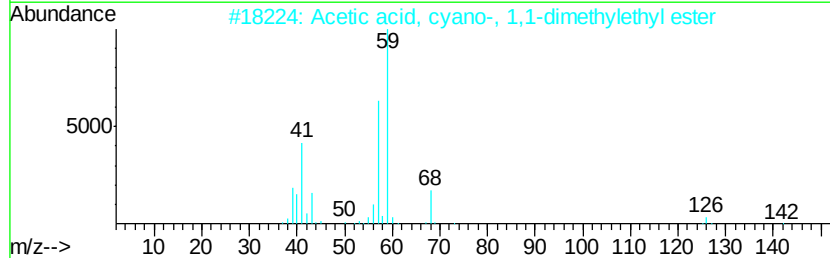
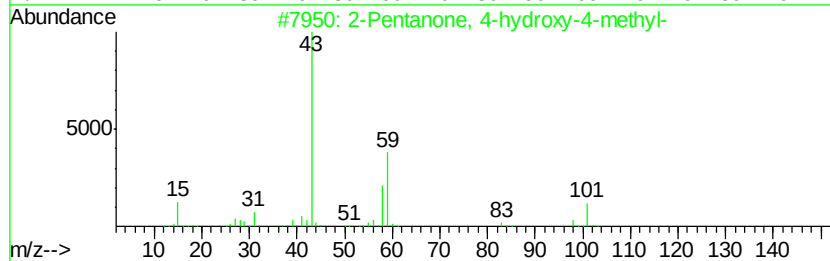
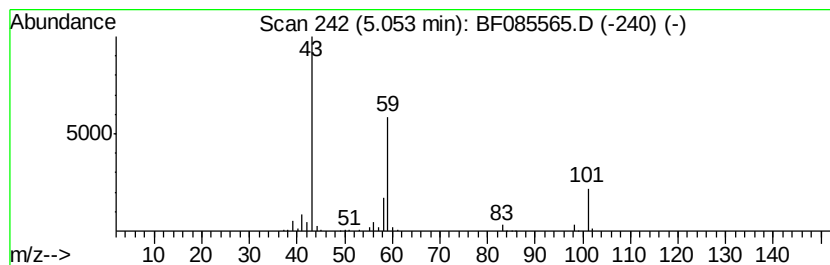
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	11.01 ng	436186	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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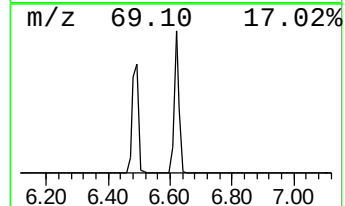
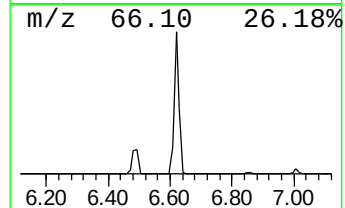
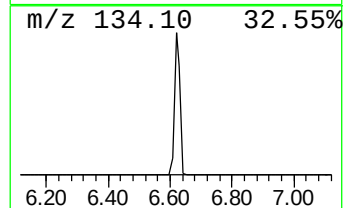
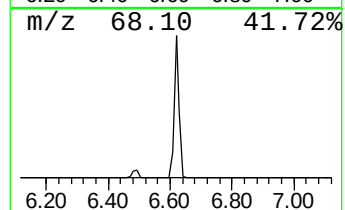
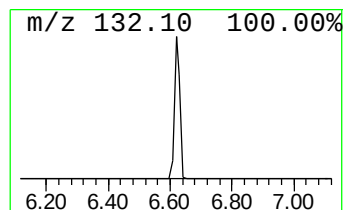
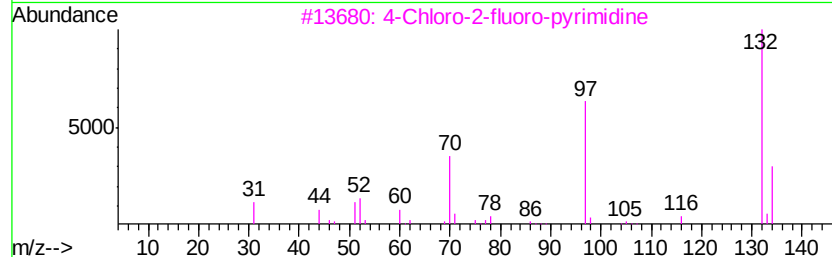
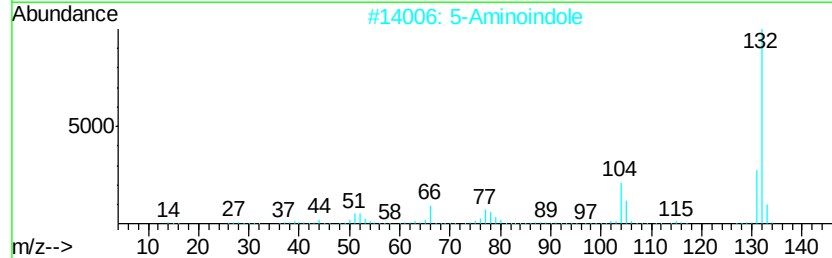
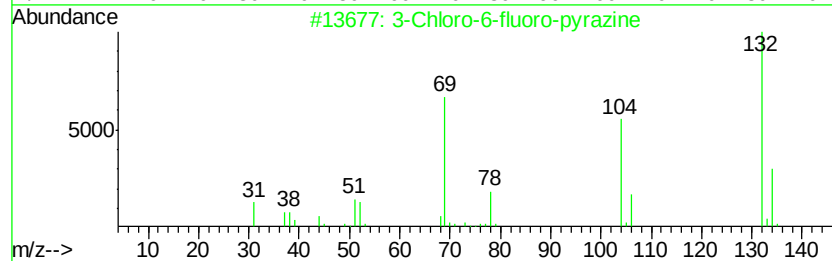
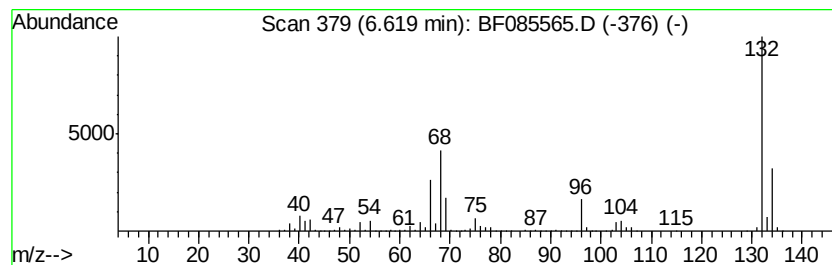
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Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	81.59 ng	3232690	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9



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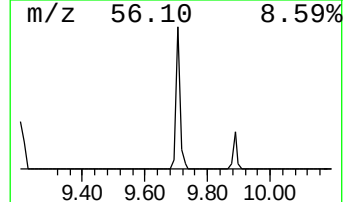
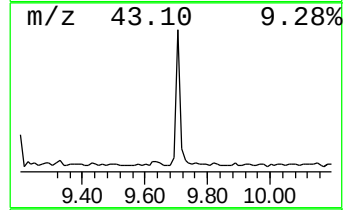
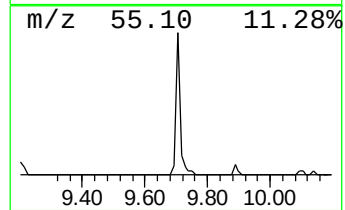
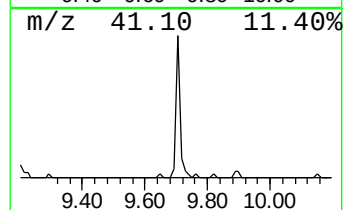
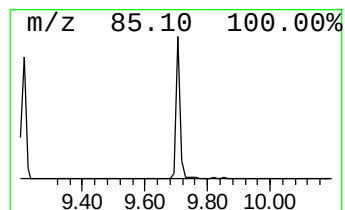
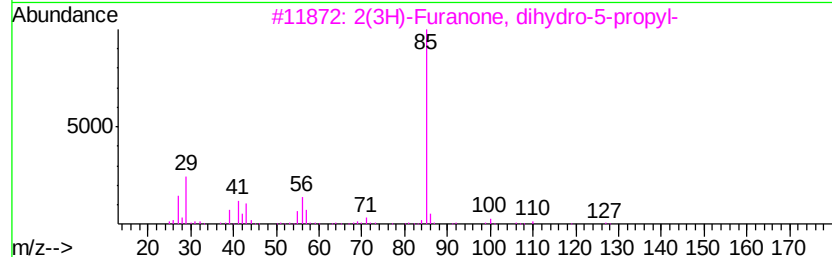
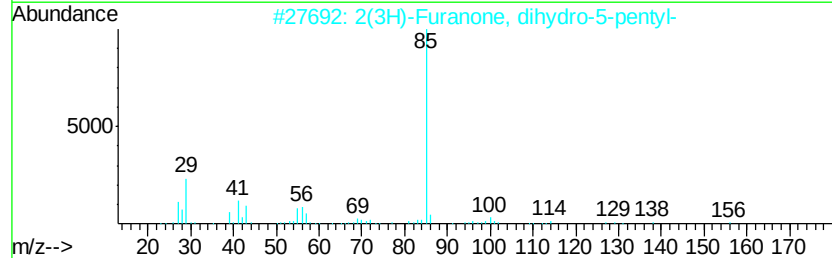
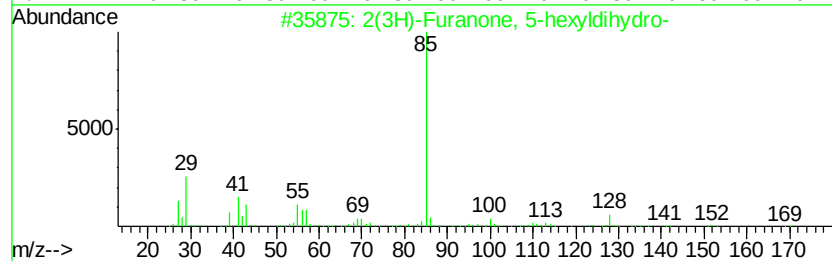
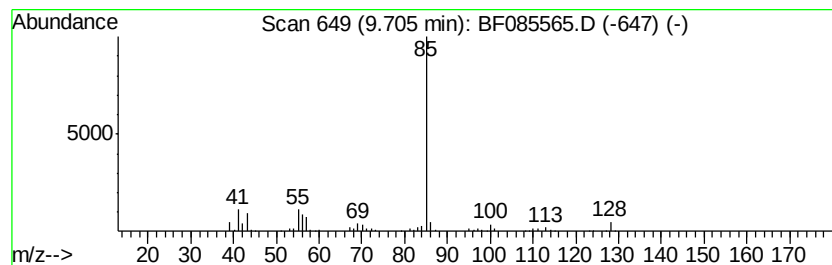
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Peak Number 5 2(3H)-Furanone, 5-hexyldihydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.30 ng	189874	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	90
2		2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	72
3		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	72
4		2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	72
5		10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Propyl acetate	2.70	2.1	ng	83192	1	6.86	792468	20.0
2-Pentanone, 4-hy...	5.05	11.0	ng	436186	1	6.86	792468	20.0
unknown6.62	6.62	81.6	ng	3232690	1	6.86	792468	20.0
2(3H)-Furanone, 5...	9.70	3.3	ng	189874	3	9.89	1149780	20.0