

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077415.D
 Acq On : 24 Feb 2015 14:07
 Operator : IZ / TP
 Sample : G1336-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL-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-BF021915.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	0.956	3	6	9	rVB	36567	56092	1.36%	0.346%
2	1.470	48	51	53	rBV	3749118	4119989	100.00%	25.444%
3	1.607	59	63	65	rVB	80279	158477	3.85%	0.979%
4	1.778	76	78	81	rVB	71934	87204	2.12%	0.539%
5	1.870	84	86	95	rBV	137340	216845	5.26%	1.339%
6	5.093	366	368	373	rVB	240839	318524	7.73%	1.967%
7	5.596	409	412	414	rBV	675357	815754	19.80%	5.038%
8	6.853	519	522	524	rBV	1082945	967780	23.49%	5.977%
9	7.013	533	536	538	rVB	809857	933830	22.67%	5.767%
10	7.299	559	561	563	rBV	333138	302726	7.35%	1.870%
11	7.482	575	577	580	rVB	563812	776542	18.85%	4.796%
12	7.985	619	621	624	rBV	447811	574175	13.94%	3.546%
13	8.876	697	699	702	rVB	463771	422235	10.25%	2.608%
14	10.225	814	817	819	rBV	1456141	1266598	30.74%	7.822%
15	10.728	858	861	863	rBV	64246	57936	1.41%	0.358%
16	11.048	887	889	892	rBV2	450553	501761	12.18%	3.099%
17	11.951	966	968	971	rVB	148313	128177	3.11%	0.792%
18	12.031	972	975	977	rBV	634864	615623	14.94%	3.802%
19	12.900	1048	1051	1053	rBV	443674	531786	12.91%	3.284%
20	14.888	1223	1225	1228	rBV	1248454	1446687	35.11%	8.934%
21	15.986	1318	1321	1325	rBV	44277	58101	1.41%	0.359%
22	16.066	1325	1328	1331	rBV	121741	178963	4.34%	1.105%
23	16.191	1337	1339	1342	rBV	589727	625363	15.18%	3.862%
24	16.397	1355	1357	1359	rVB	54971	79223	1.92%	0.489%
25	16.443	1359	1361	1363	rBV	78241	90342	2.19%	0.558%
26	16.488	1363	1365	1366	rVV2	27077	42589	1.03%	0.263%
27	16.900	1399	1401	1406	rVB2	33161	59896	1.45%	0.370%
28	17.700	1469	1471	1475	rBV2	27803	54112	1.31%	0.334%
29	17.963	1492	1494	1500	rVB	449814	705070	17.11%	4.354%

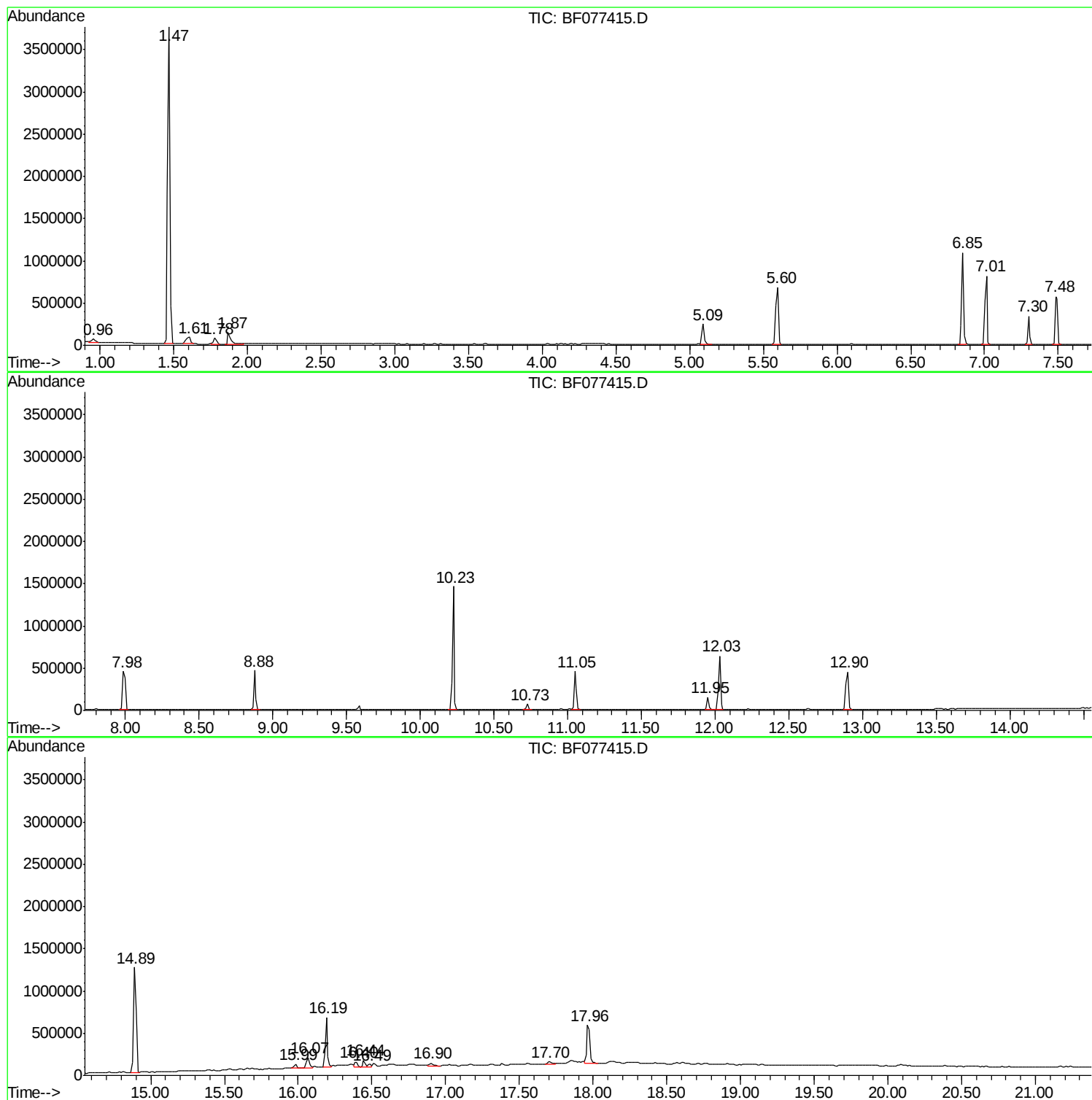
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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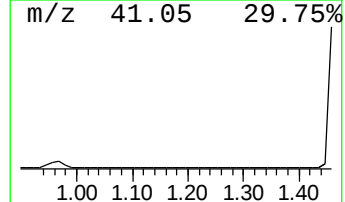
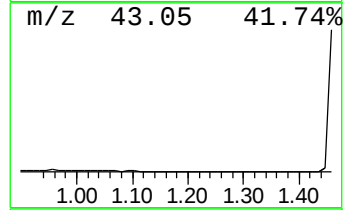
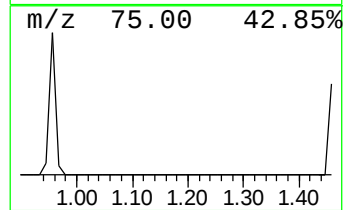
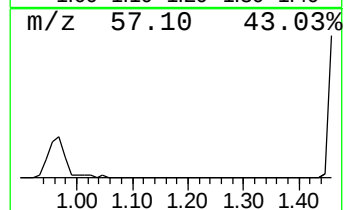
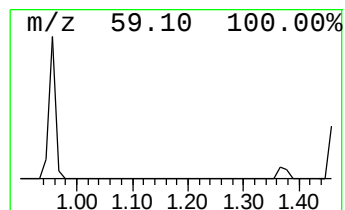
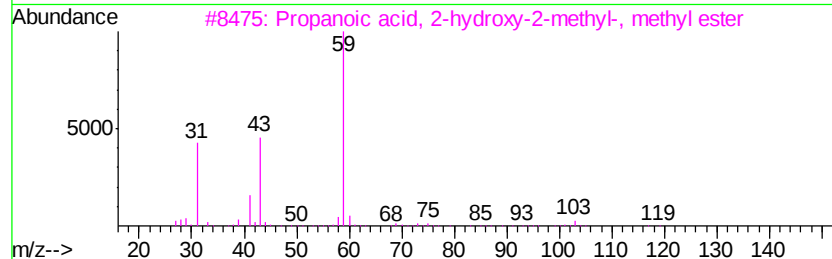
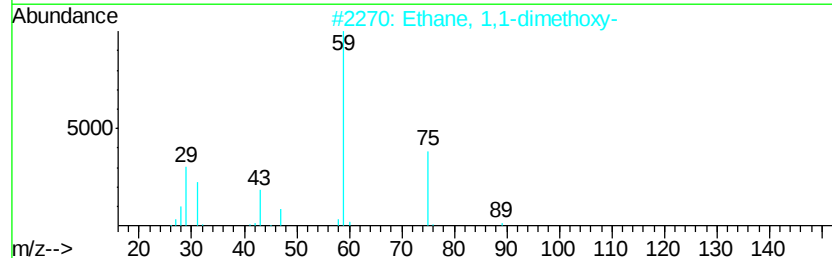
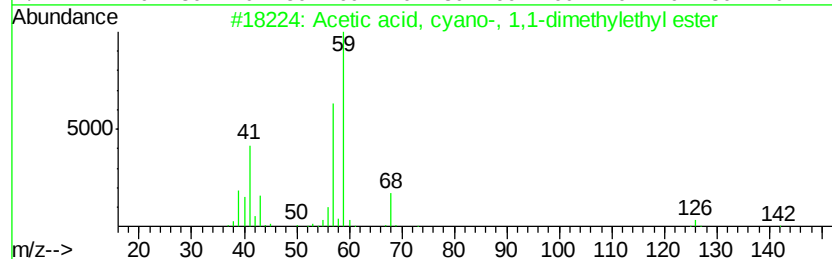
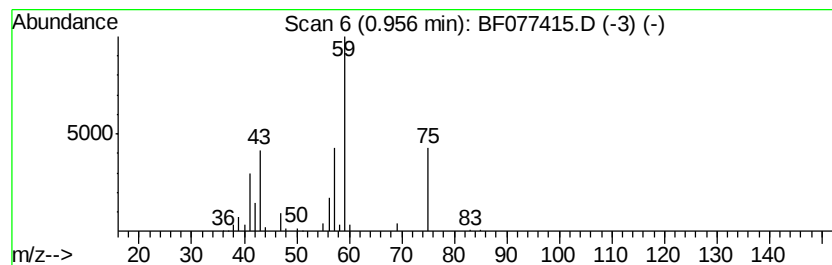
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown0.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.96	3.71 ng	56092	1,4-Dichlorobenzene-d4	7.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	47
2			Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	38
3			Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9
4			3-Pentanol	88	C5H12O	000584-02-1	9
5			4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9



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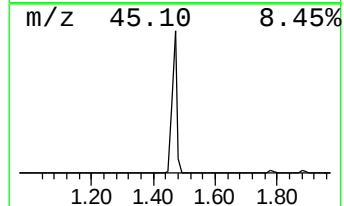
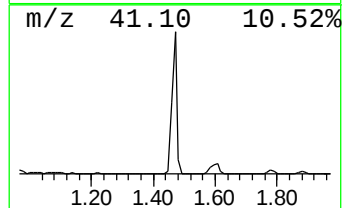
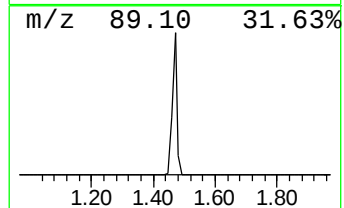
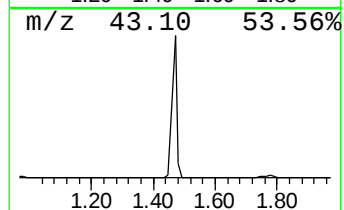
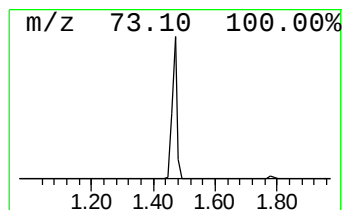
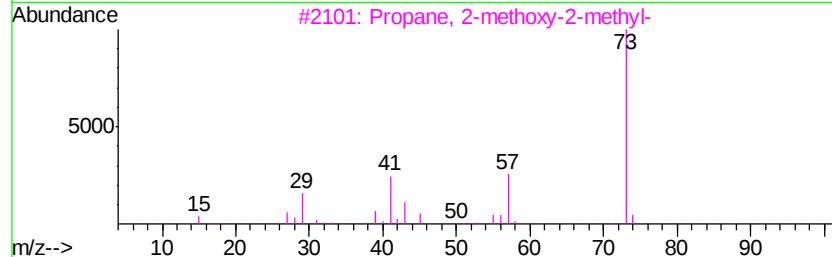
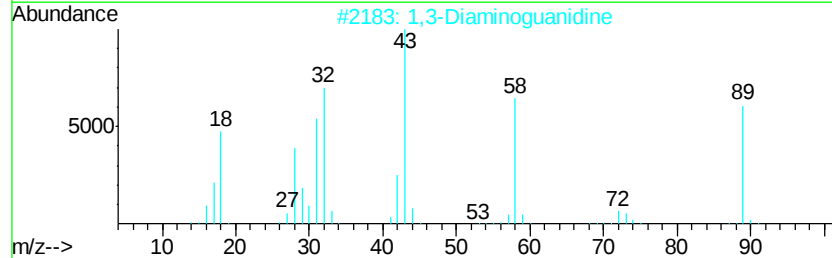
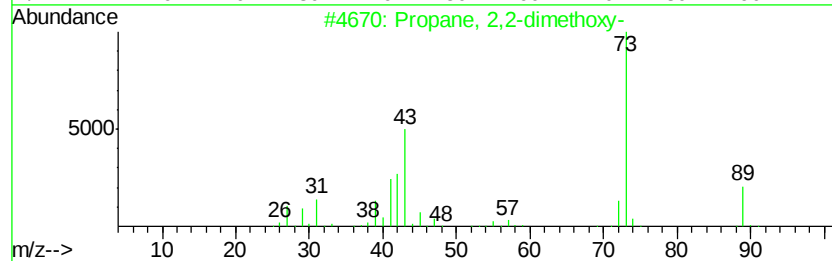
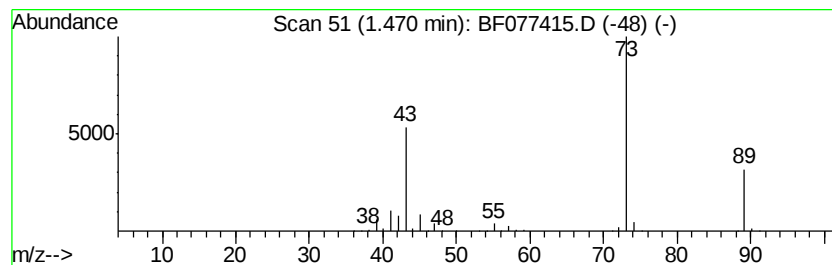
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Peak Number 2 unknown1.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	272.19 ng	4119990	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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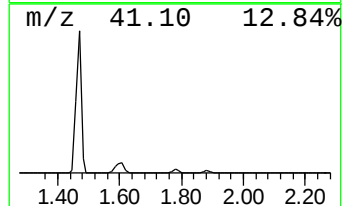
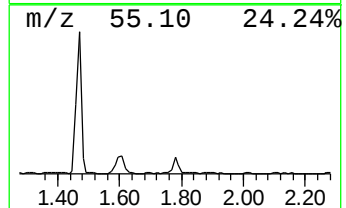
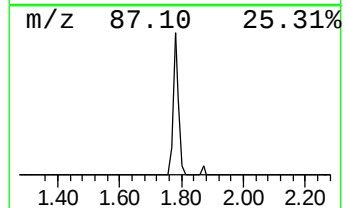
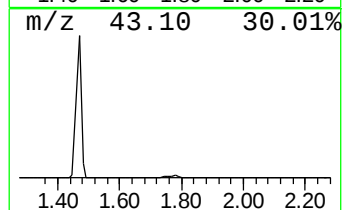
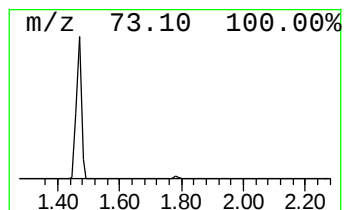
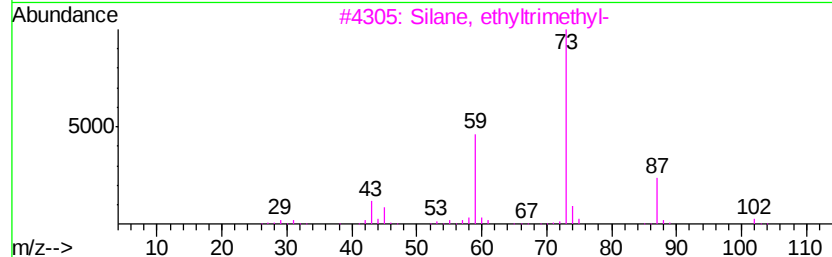
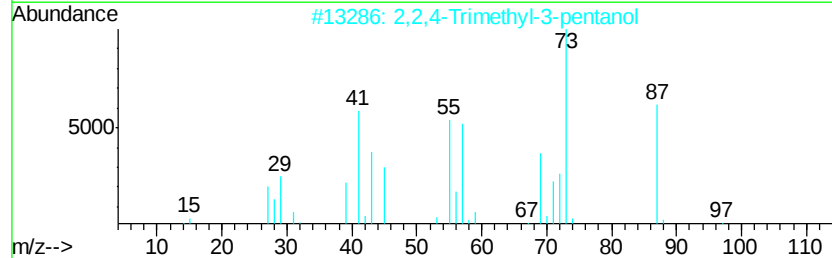
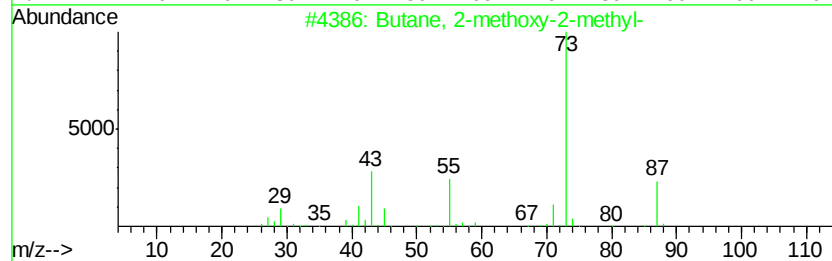
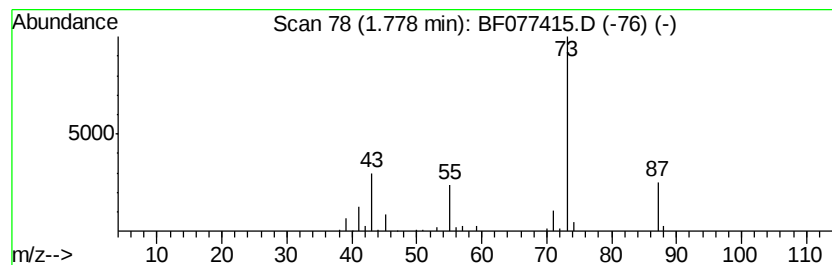
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	5.76 ng	87204	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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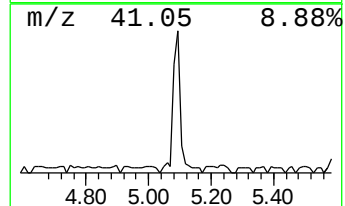
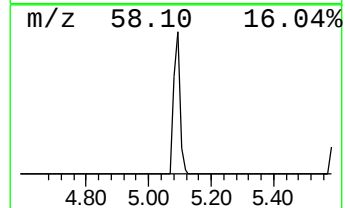
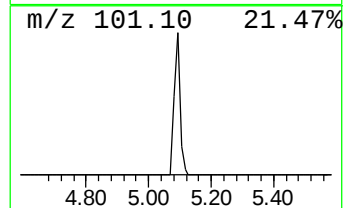
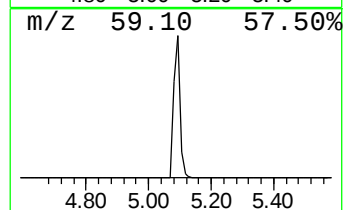
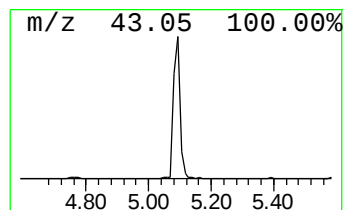
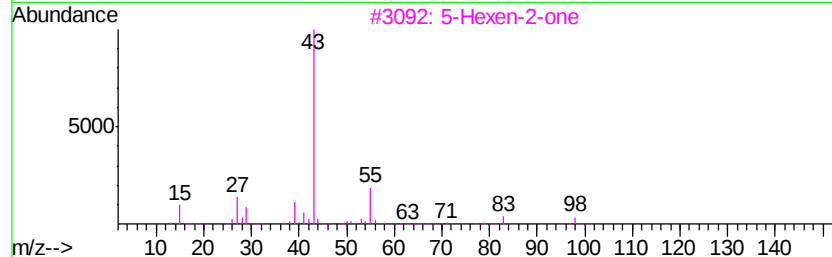
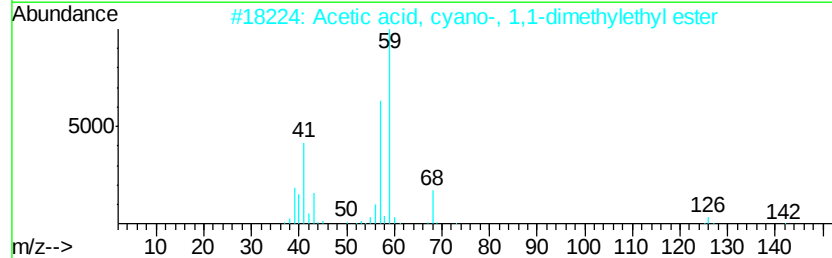
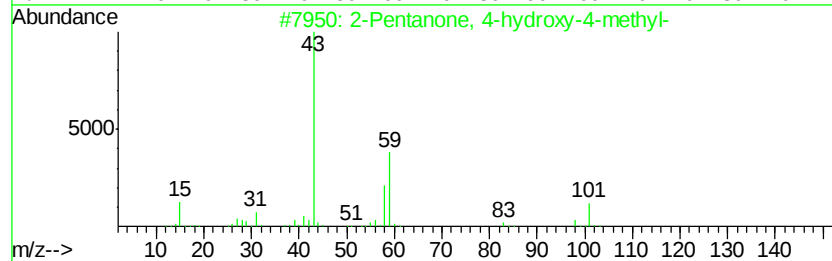
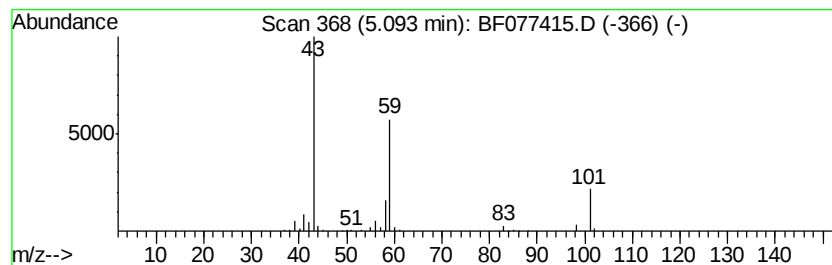
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Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	21.04 ng	318524	1,4-Dichlorobenzene-d4	7.30

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	23
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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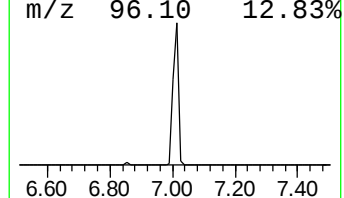
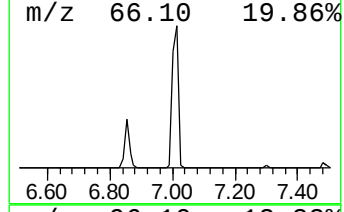
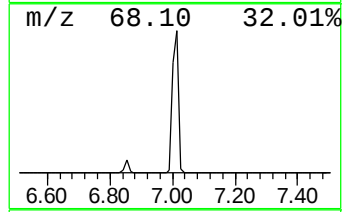
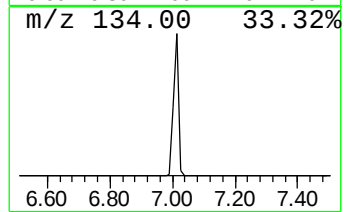
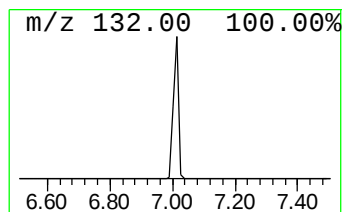
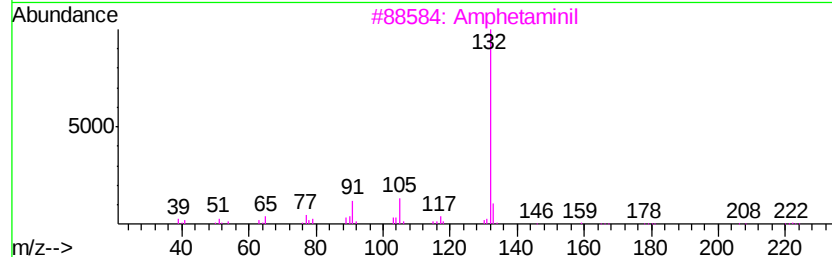
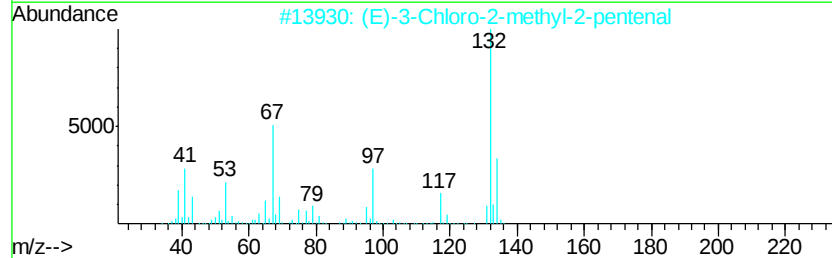
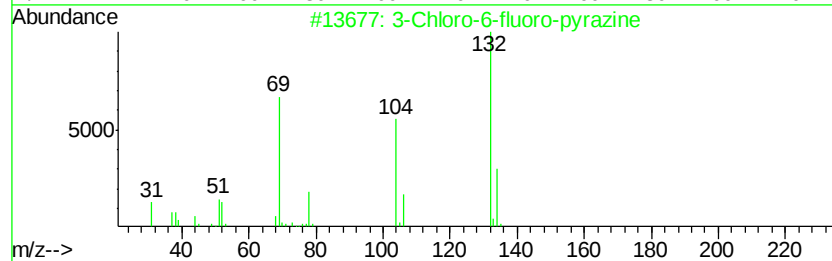
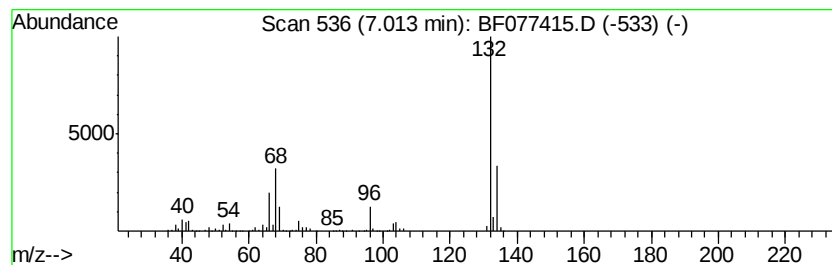
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 unknown7.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	61.69 ng	933830	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypropmine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



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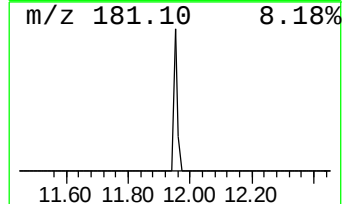
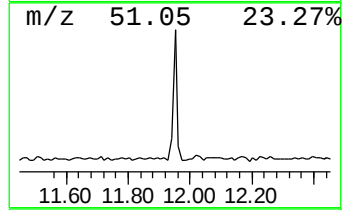
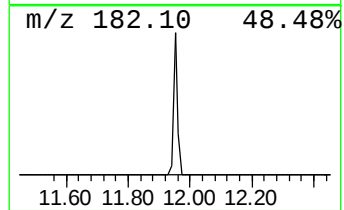
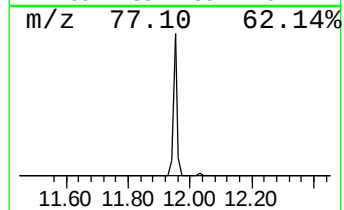
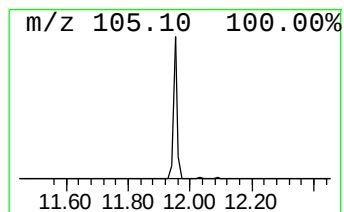
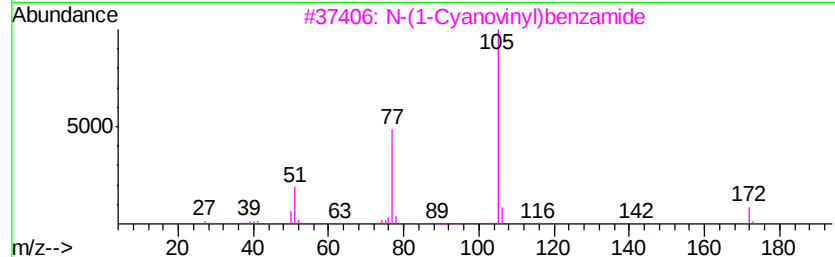
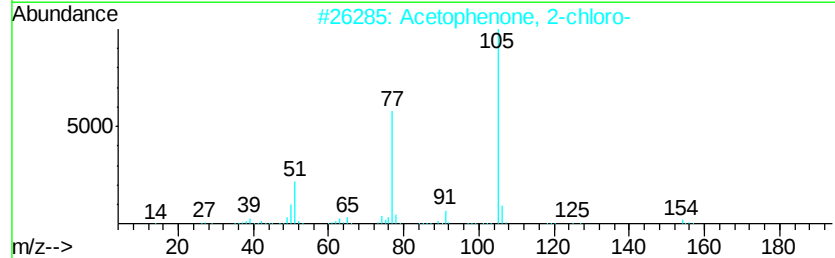
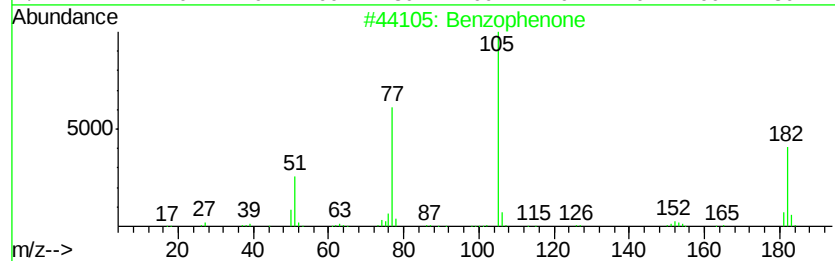
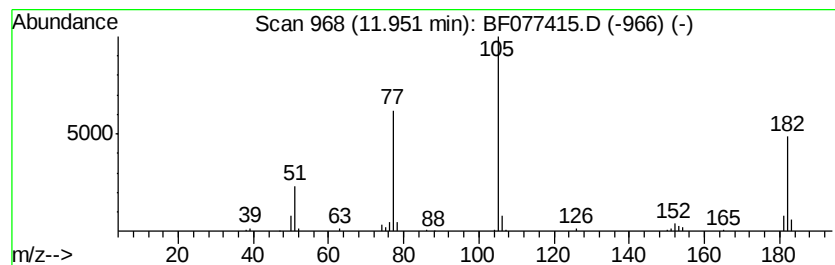
Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.11 ng	128177	Acenaphthene-d10	11.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 96
2		Acetophenone, 2-chloro-	154 C8H7ClO	000532-27-4 49
3		N-(1-Cyanovinyl)benzamide	172 C10H8N2O	1000186-19-1 47
4		Benzeneacetic acid, .alpha.-oxo-...	164 C9H8O3	015206-55-0 47
5		.alpha.,.alpha.-Dichloroacetophe...	188 C8H6Cl2O	002648-61-5 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077415.D
Acq On : 24 Feb 2015 14:07
Operator : IZ / TP
Sample : G1336-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

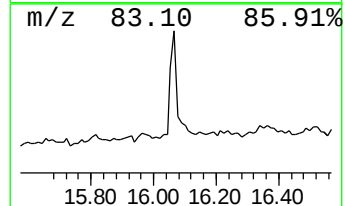
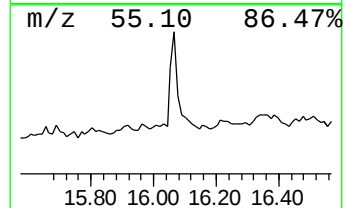
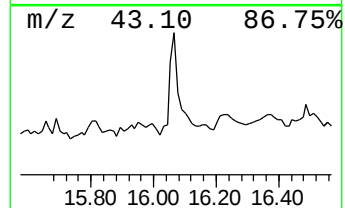
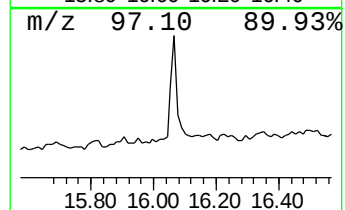
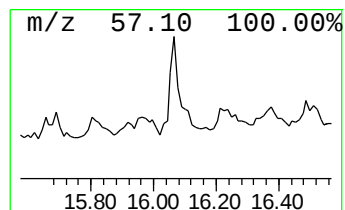
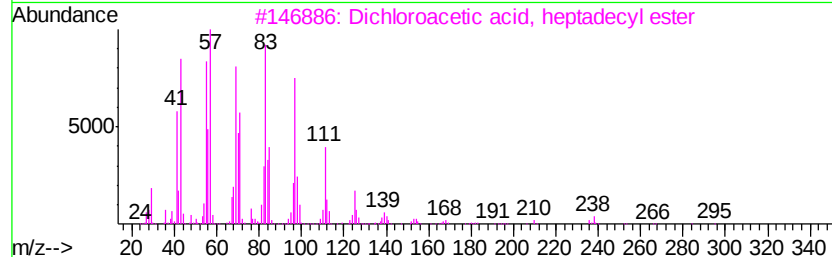
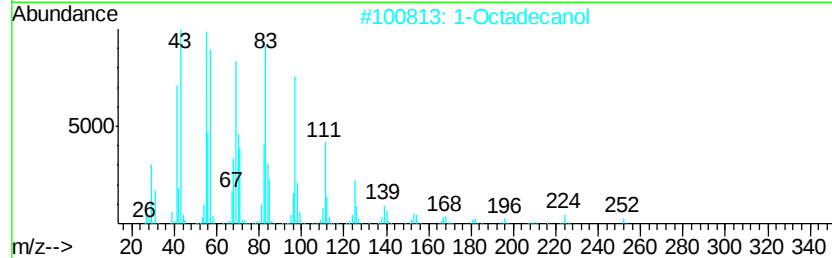
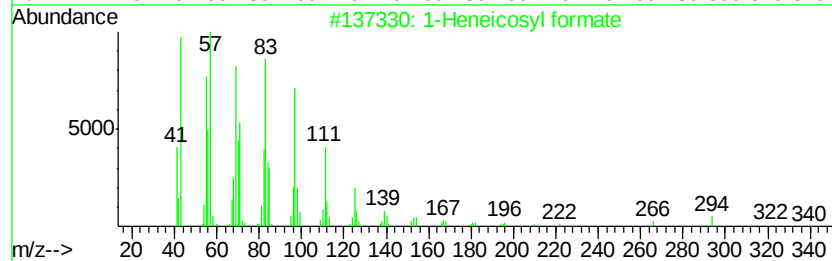
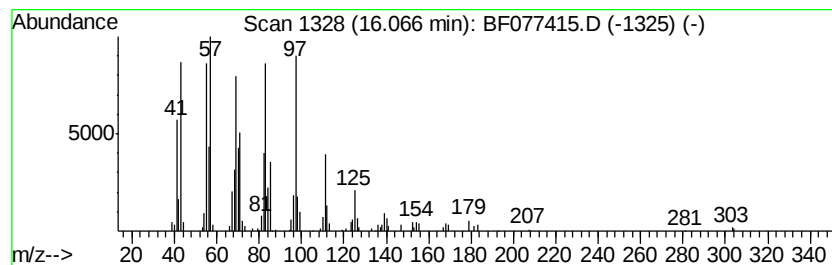
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.72 ng	178963	Chrysene-d12	16.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		1-Octadecanol	270	C18H38O	000112-92-5	87
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5		1-Tetracosanol	354	C24H50O	000506-51-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077415.D
Acq On : 24 Feb 2015 14:07
Operator : IZ / TP
Sample : G1336-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

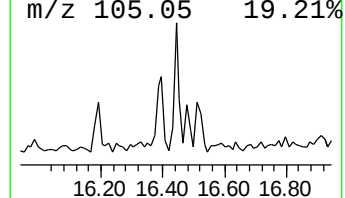
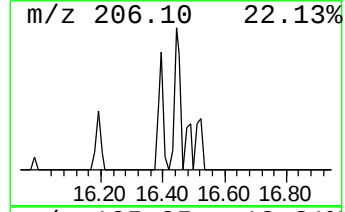
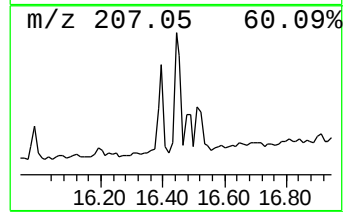
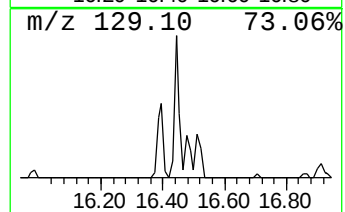
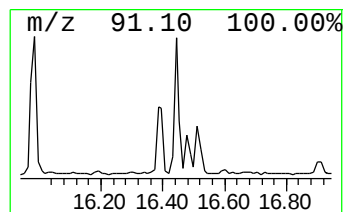
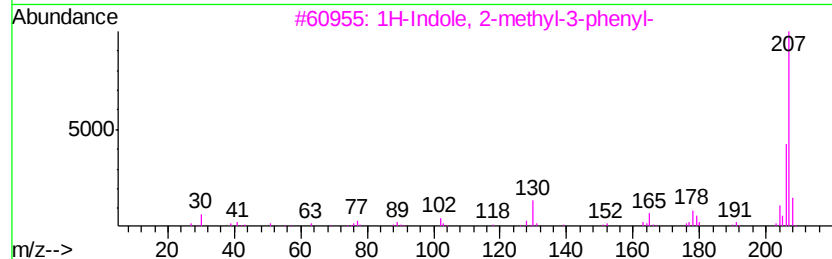
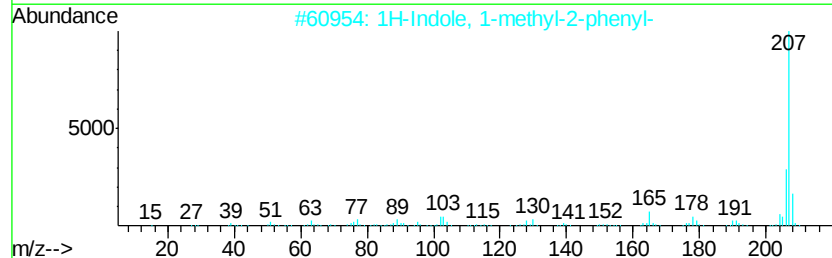
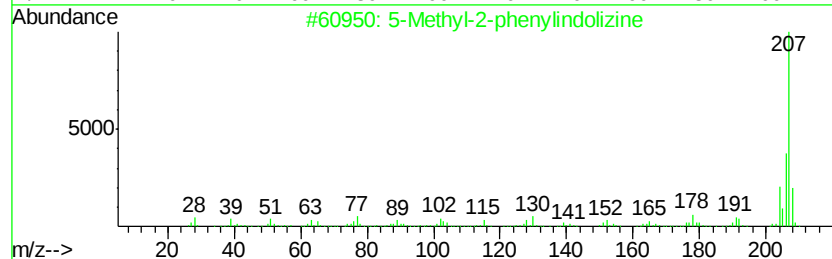
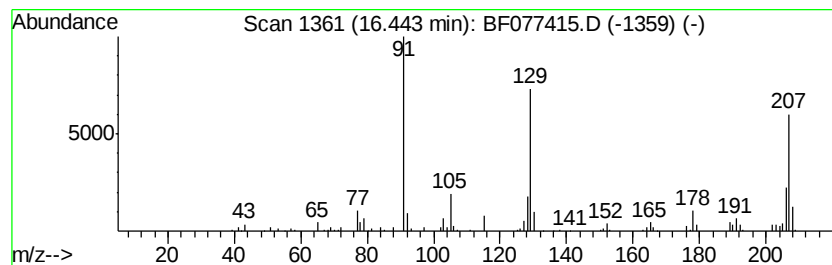
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.44 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.89 ng	90342	Chrysene-d12	16.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
2		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	35
3		1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	27
4		1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	25
5		1-(3,4-Methylenedioxyphenyl)-2-p...	207	C11H13NO3	1000121-45-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
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Acq On : 24 Feb 2015 14:07
Operator : IZ / TP
Sample : G1336-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown0.96	0.96	3.7	ng	56092	1	7.30	302726	20.0
unknown1.47	1.47	272.2	ng	4119990	1	7.30	302726	20.0
Butane, 2-methoxy...	1.78	5.8	ng	87204	1	7.30	302726	20.0
2-Pentanone, 4-hy...	5.09	21.0	ng	318524	1	7.30	302726	20.0
unknown7.01	7.01	61.7	ng	933830	1	7.30	302726	20.0
Benzophenone	11.95	5.1	ng	128177	3	11.05	501761	20.0
1-Heneicosyl formate	16.07	5.7	ng	178963	5	16.19	625363	20.0
unknown16.44	16.44	2.9	ng	90342	5	16.19	625363	20.0