

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094173.D
 Acq On : 4 Apr 2017 18:03
 Operator : SJ/MA
 Sample : I2516-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

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-BF032217.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	4.010	356	361	367	rVB	347073	387947	6.98%	1.012%
2	4.275	402	406	412	rVB	120123	110542	1.99%	0.289%
3	4.410	424	429	432	rBV	2370613	2162043	38.91%	5.643%
4	4.798	488	495	498	rBV	67806	62869	1.13%	0.164%
5	5.475	605	610	616	rBV	1534872	1480925	26.65%	3.865%
6	5.528	616	619	624	rVB	192150	172309	3.10%	0.450%
7	5.622	629	635	638	rBV	3785890	3913498	70.43%	10.214%
8	5.681	642	645	652	rVB	159627	154997	2.79%	0.405%
9	5.875	674	678	682	rBV	1112933	999864	17.99%	2.610%
10	6.057	703	709	712	rBV	3316716	3520562	63.36%	9.188%
11	6.081	712	713	717	rVB	191362	136536	2.46%	0.356%
12	6.528	778	789	792	rBV	2654072	3260172	58.67%	8.509%
13	6.781	827	832	835	rBV	96494	100188	1.80%	0.261%
14	6.992	863	868	871	rBV	58287	61040	1.10%	0.159%
15	7.075	876	882	887	rBV2	215686	302856	5.45%	0.790%
16	7.381	928	934	937	rBV	1305584	1390113	25.02%	3.628%
17	8.363	1095	1101	1104	rVV2	85664	93178	1.68%	0.243%
18	8.539	1128	1131	1135	rVB2	62158	61926	1.11%	0.162%
19	8.598	1137	1141	1144	rBV	76126	71785	1.29%	0.187%
20	8.704	1152	1159	1162	rBV	4736800	5556679	100.00%	14.502%
21	8.892	1187	1191	1194	rBV	84690	81589	1.47%	0.213%
22	8.986	1204	1207	1210	rBV	80843	79585	1.43%	0.208%
23	9.516	1291	1297	1309	rVB2	1346959	1612654	29.02%	4.209%
24	10.110	1394	1398	1402	rVB	53127	64222	1.16%	0.168%
25	10.351	1435	1439	1443	rBV	166833	174448	3.14%	0.455%
26	10.498	1456	1464	1467	rBV	2650471	3257014	58.61%	8.500%
27	10.698	1494	1498	1504	rVB	62825	84402	1.52%	0.220%
28	11.345	1602	1608	1612	rBV	1503632	1509862	27.17%	3.941%
29	13.327	1938	1945	1949	rBV	3948760	5141411	92.53%	13.418%
30	14.492	2139	2143	2148	rBV3	53494	72696	1.31%	0.190%
31	14.598	2155	2161	2165	rBV	1203735	1345305	24.21%	3.511%
32	16.227	2433	2438	2443	rBV	759962	892781	16.07%	2.330%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

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-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

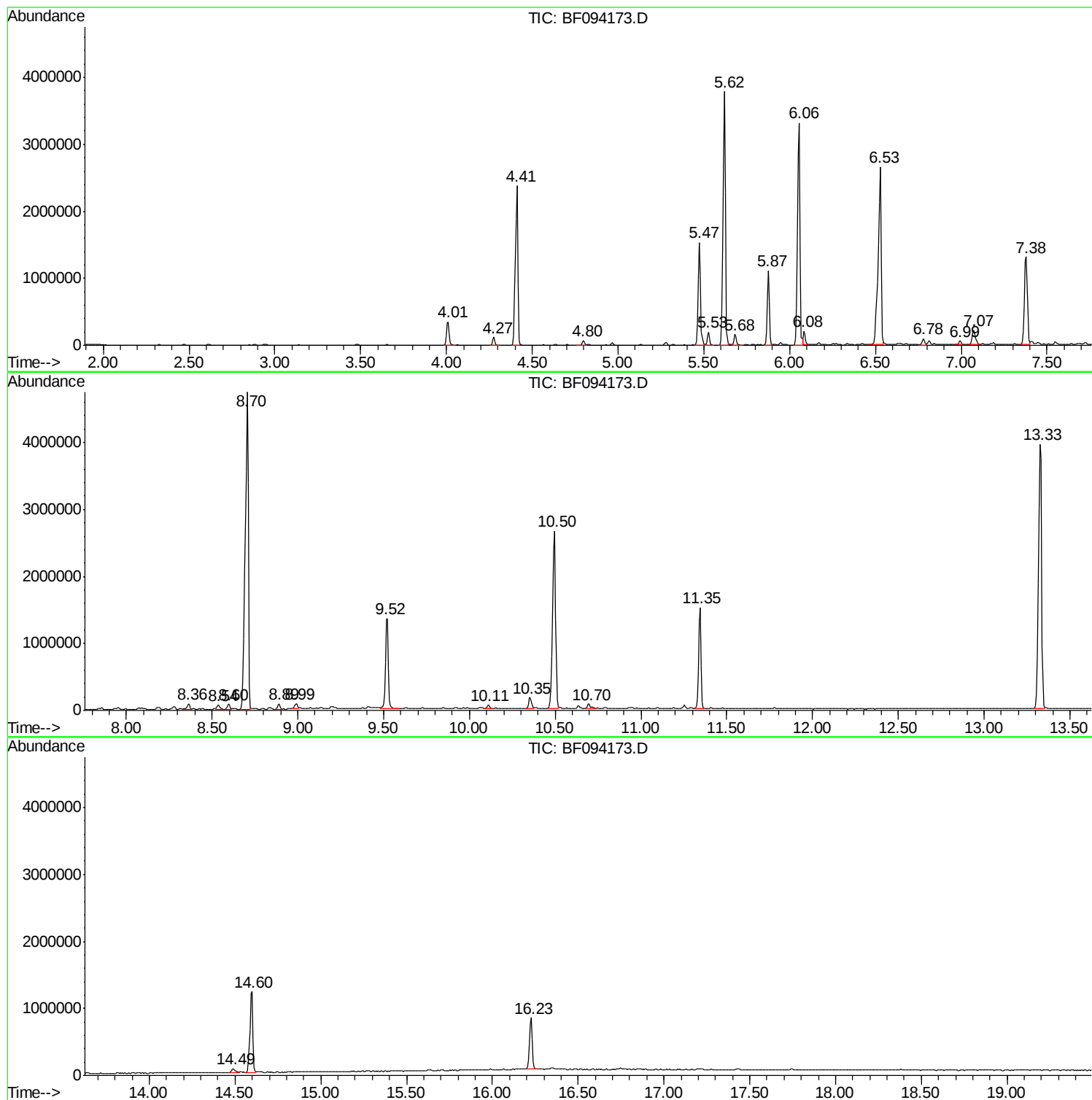
Sum of corrected areas: 38315998

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

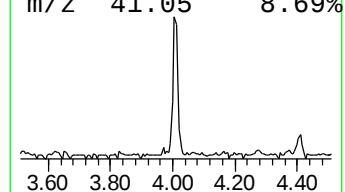
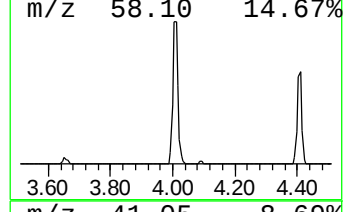
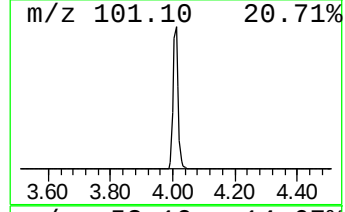
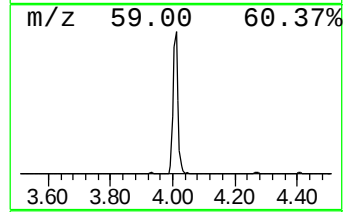
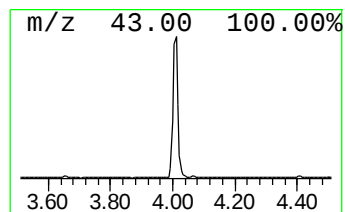
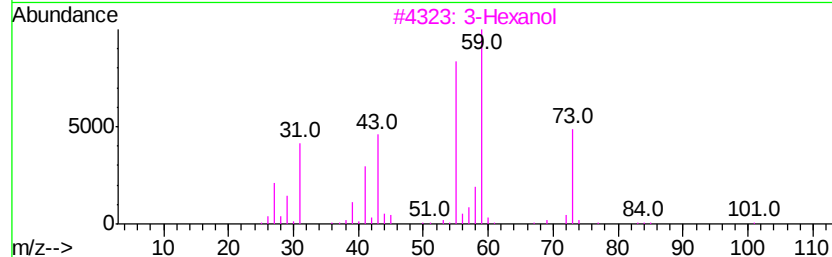
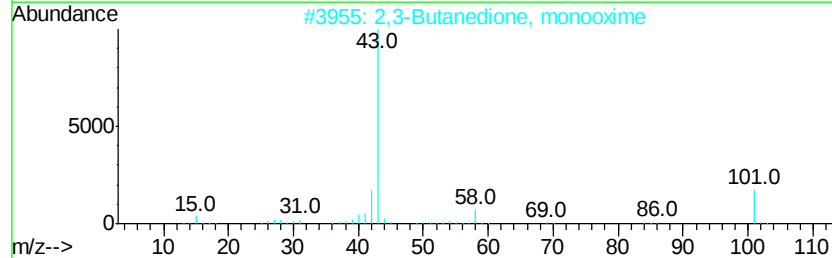
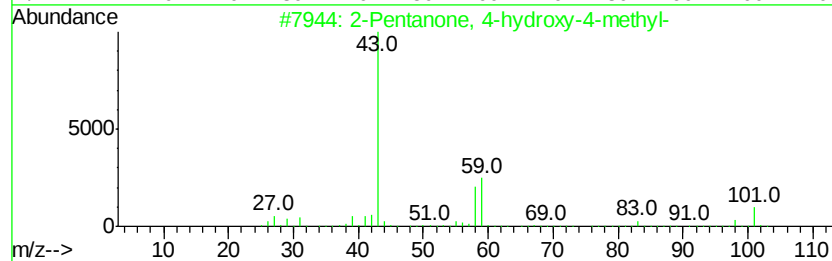
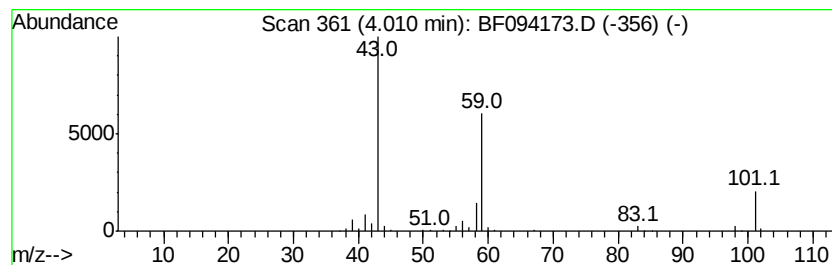
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	7.76 ng	387947	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		3-Hexanol	102	C6H14O	000623-37-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

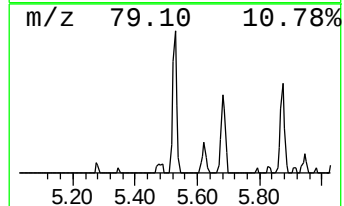
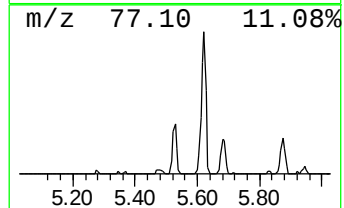
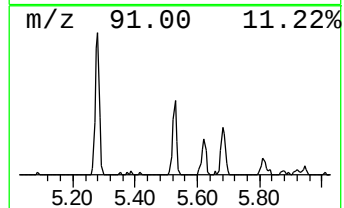
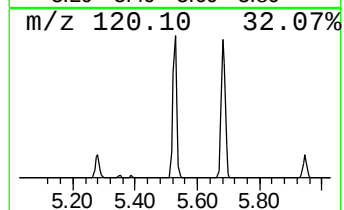
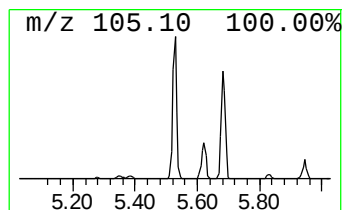
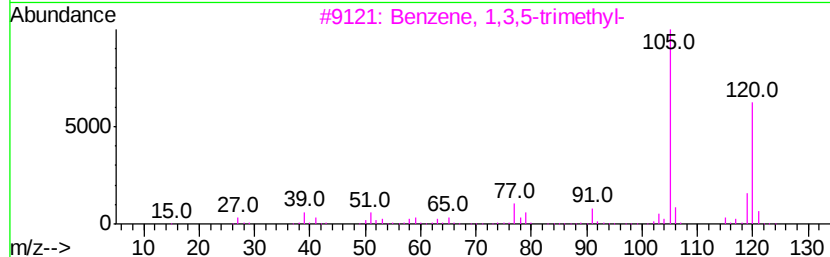
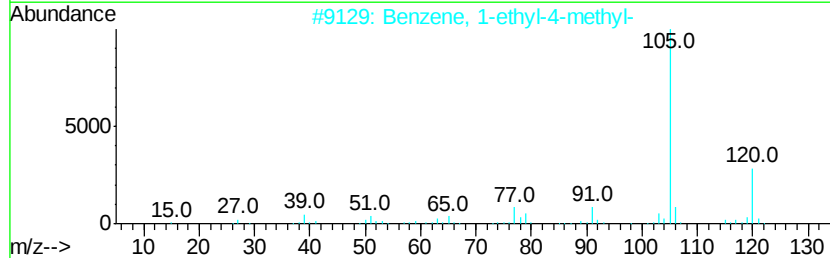
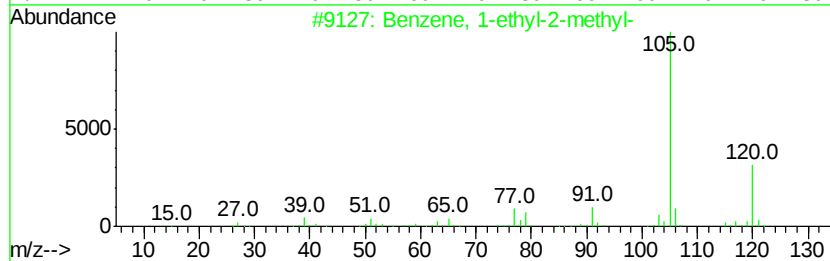
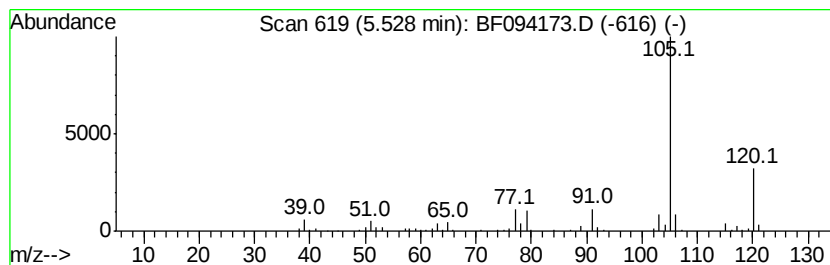
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	3.45 ng	172309	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

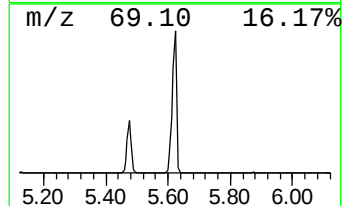
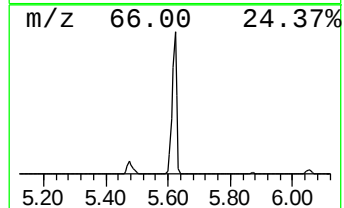
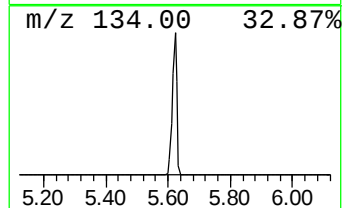
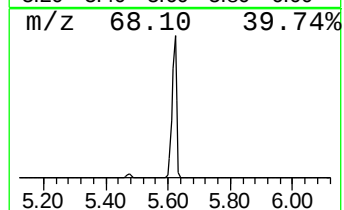
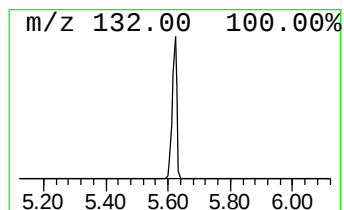
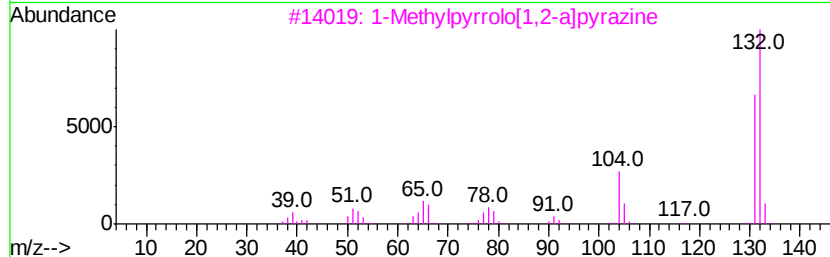
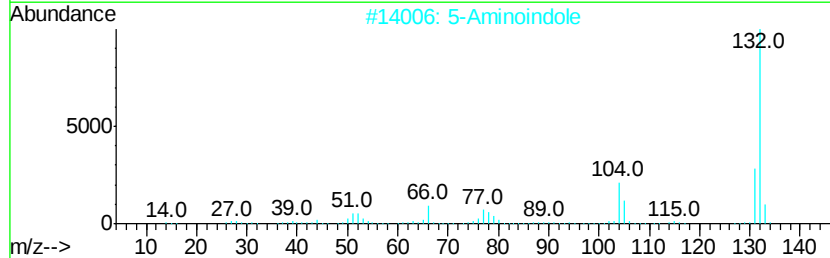
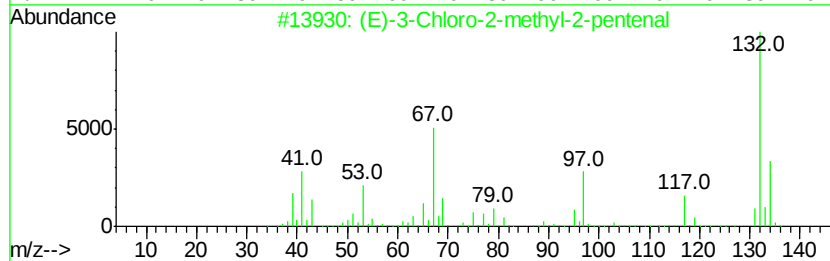
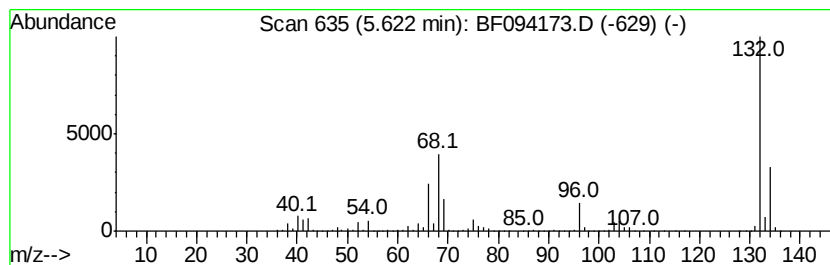
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	78.28 ng	3913500	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

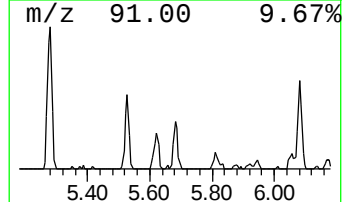
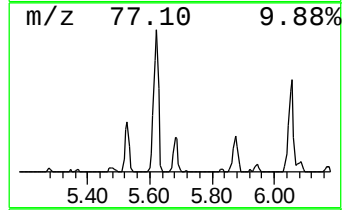
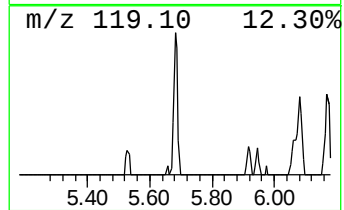
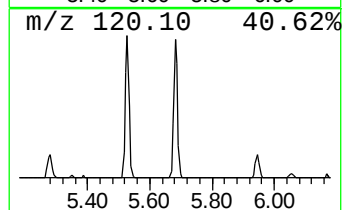
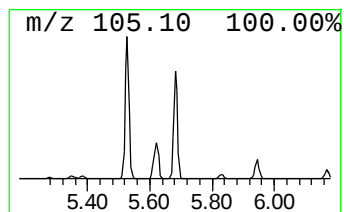
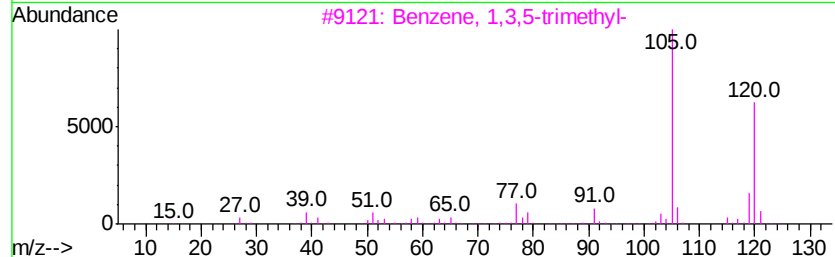
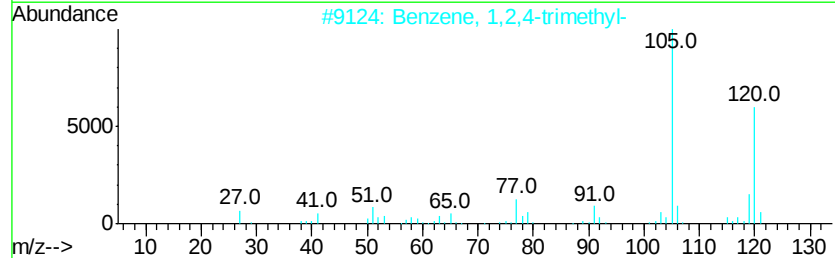
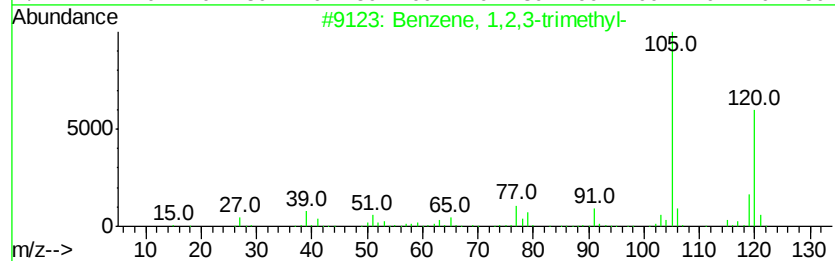
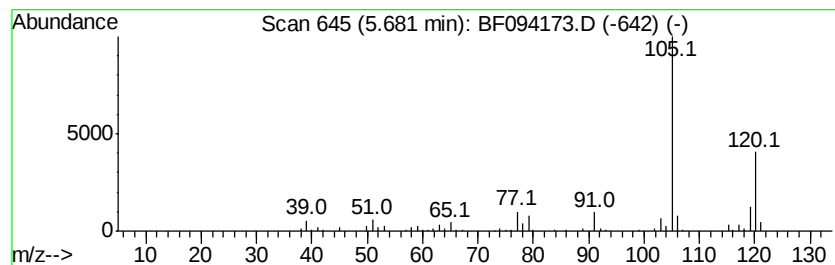
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	3.10 ng	154997	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

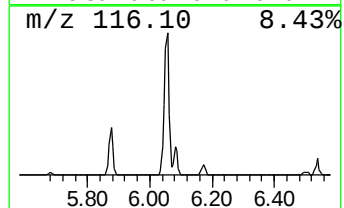
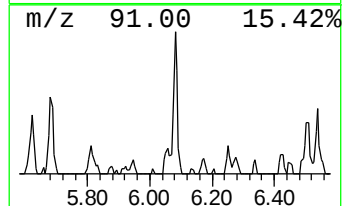
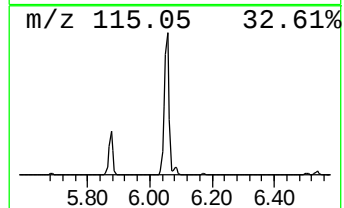
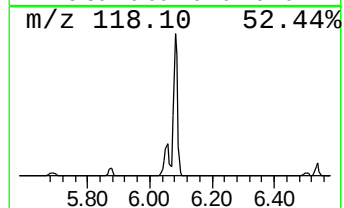
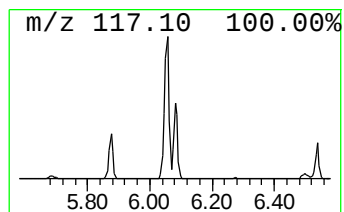
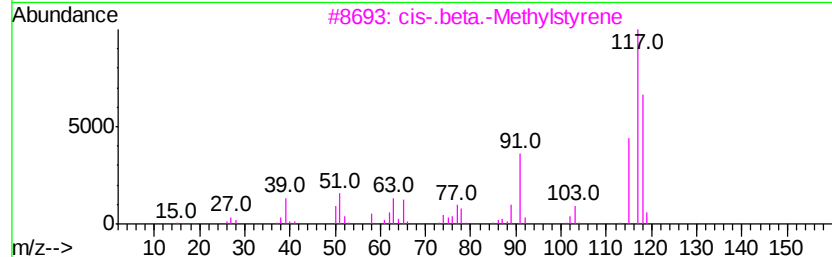
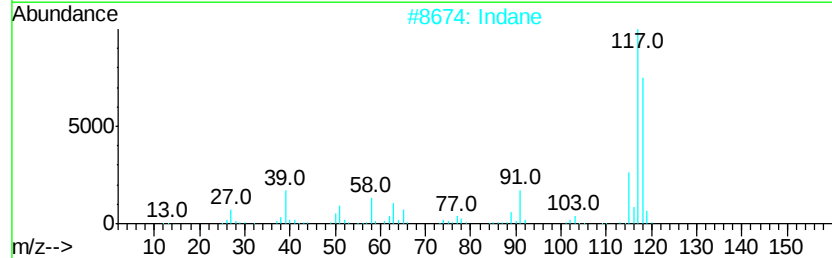
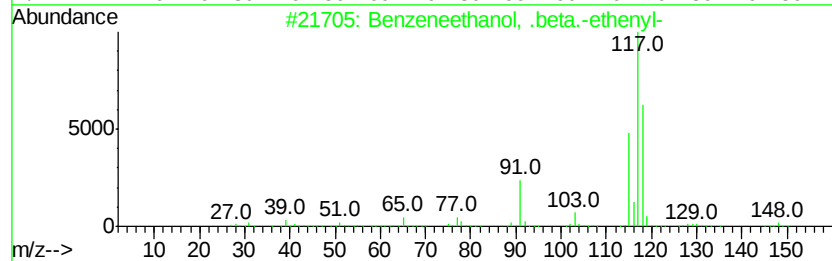
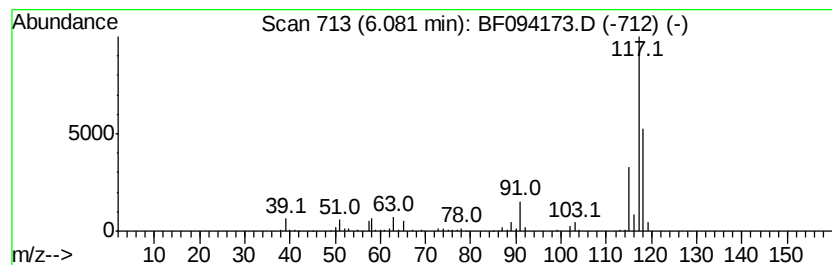
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzeneethanol, .beta.-ethe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	2.73 ng	136536	1,4-Dichlorobenzene-d4	5.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	90
2		Indane	118	C9H10	000496-11-7	87
3		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	87
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

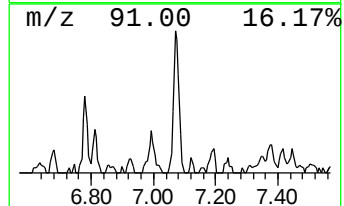
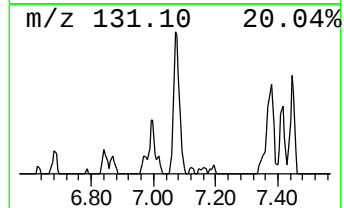
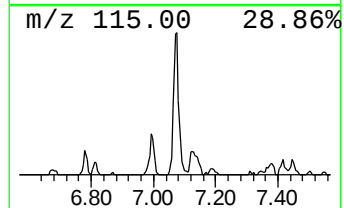
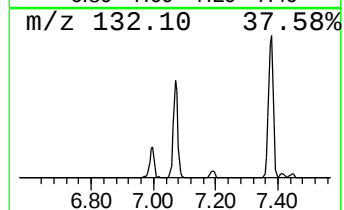
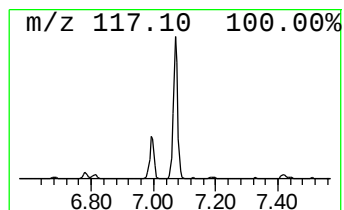
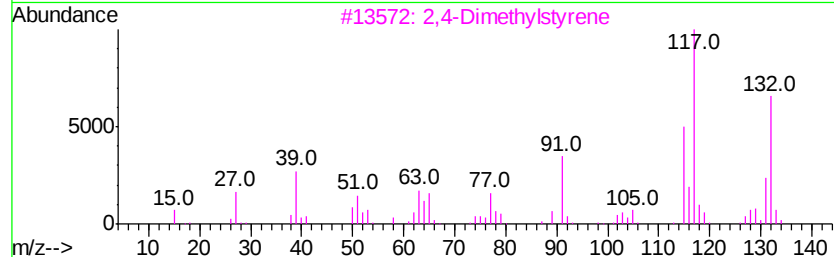
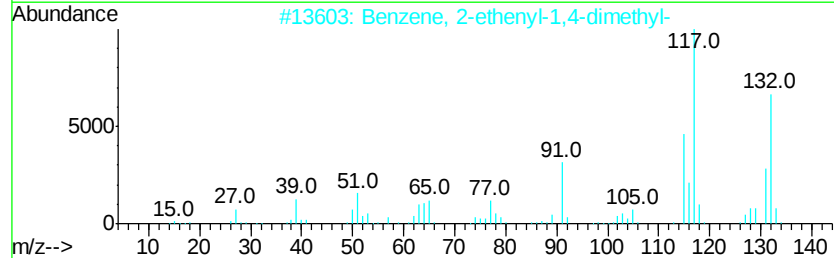
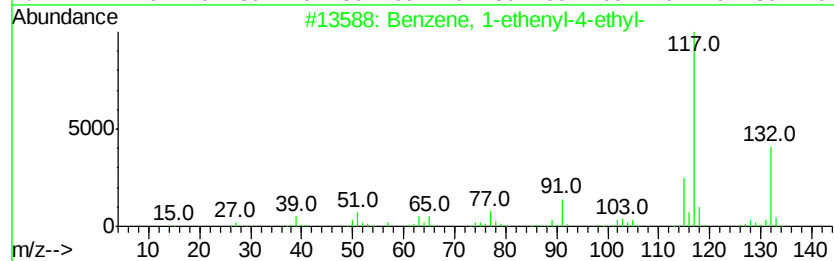
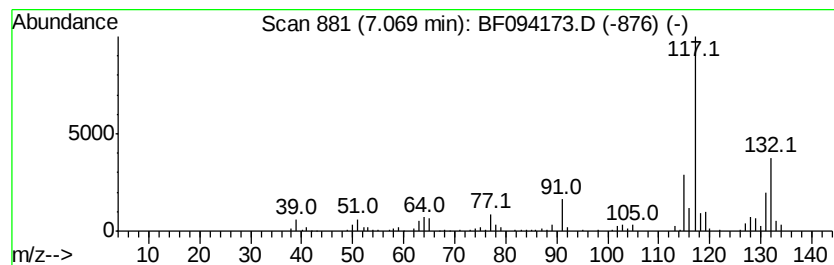
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.36 ng	302856	Naphthalene-d8	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

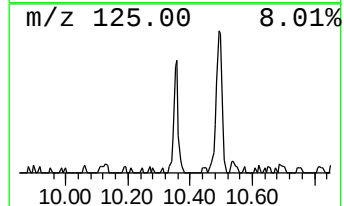
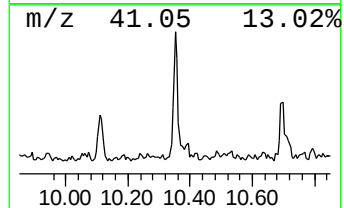
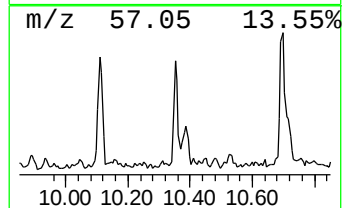
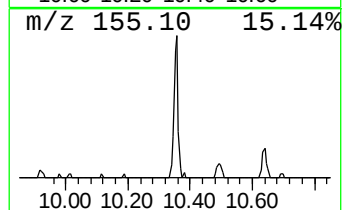
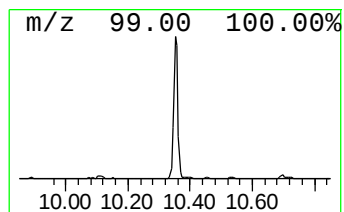
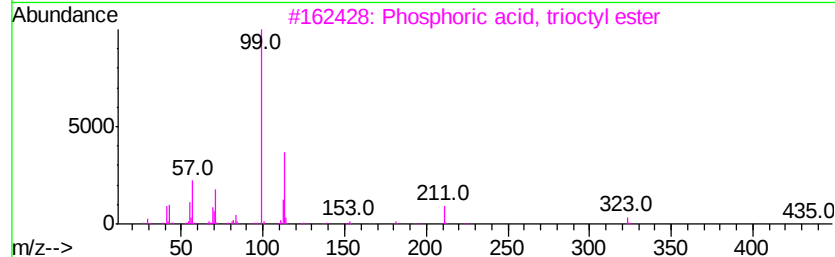
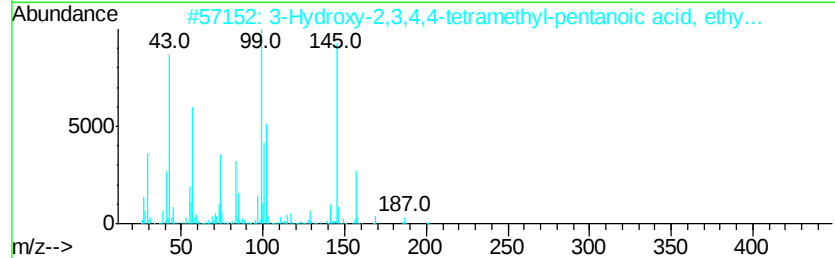
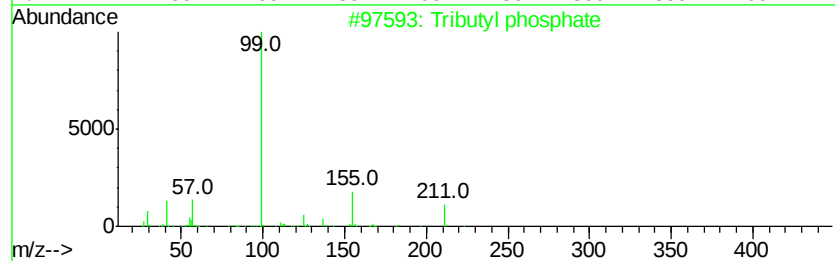
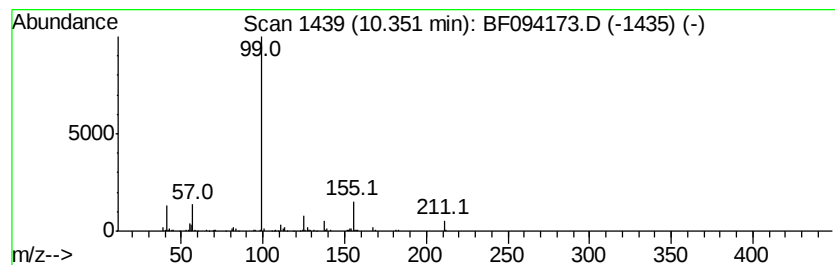
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tributyl phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.16 ng	174448	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tributyl phosphate	266	C12H27O4P	000126-73-8	64
2		3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	28
3		Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	25
4		Dicyclohexylmethylsilane	210	C13H26Si	037591-76-7	9
5		2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040417\
Data File : BF094173.D
Acq On : 4 Apr 2017 18:03
Operator : SJ/MA
Sample : I2516-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
2-Pentanone, 4-hy...	4.01	7.8	ng	387947	1	5.87	999864	20.0
Benzene, 1-ethyl-...	5.53	3.5	ng	172309	1	5.87	999864	20.0
unknown5.62	5.62	78.3	ng	3913500	1	5.87	999864	20.0
Benzene, 1,2,3-tr...	5.68	3.1	ng	154997	1	5.87	999864	20.0
Benzeneethanol, ...	6.08	2.7	ng	136536	1	5.87	999864	20.0
Benzene, 1-etheny...	7.07	4.4	ng	302856	2	7.38	1390110	20.0
Tributyl phosphate	10.35	2.2	ng	174448	3	9.52	1612650	20.0