

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083067.D
 Acq On : 20 Nov 2015 7:19
 Operator : UM/IZ
 Sample : G4458-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-1

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-BF111915.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	2.658	46	50	52	rBV2	198575	352915	1.62%	0.362%
2	4.327	192	196	198	rBV	1645344	2747307	12.64%	2.816%
3	4.373	198	200	205	rVB2	522849	1035550	4.76%	1.062%
4	4.624	217	222	225	rVV	7276470	12906699	59.37%	13.232%
5	4.830	238	240	242	rVV	446481	617165	2.84%	0.633%
6	4.876	242	244	247	rVV	1448143	1904436	8.76%	1.952%
7	4.979	250	253	255	rVB	214788	300116	1.38%	0.308%
8	5.367	285	287	289	rBV	595989	781583	3.60%	0.801%
9	5.744	313	320	322	rVB	11282175	21739046	100.00%	22.286%
10	5.916	331	335	337	rBV2	1073796	1529100	7.03%	1.568%
11	5.996	340	342	344	rVB	1645233	1328714	6.11%	1.362%
12	6.339	369	372	374	rBV	608247	852535	3.92%	0.874%
13	6.396	374	377	380	rVB	2664135	3065637	14.10%	3.143%
14	6.556	388	391	393	rBV	1639613	1565714	7.20%	1.605%
15	6.704	401	404	405	rBV2	754653	1057797	4.87%	1.084%
16	6.739	405	407	410	rVV	1934636	2789474	12.83%	2.860%
17	6.853	414	417	419	rBV2	1865342	3028998	13.93%	3.105%
18	6.899	419	421	423	rVB	7668348	8365068	38.48%	8.576%
19	6.956	423	426	427	rBV	5446651	5715431	26.29%	5.859%
20	7.002	427	430	434	rBV2	859707	1791683	8.24%	1.837%
21	7.116	439	440	443	rVB	333038	396826	1.83%	0.407%
22	7.264	450	453	455	rBV	2028645	2001402	9.21%	2.052%
23	7.619	483	484	487	rVB2	187419	245924	1.13%	0.252%
24	7.847	501	504	506	rBV	1993986	2833230	13.03%	2.905%
25	7.985	514	516	518	rVB	824119	872177	4.01%	0.894%
26	8.030	518	520	522	rVV	694174	982955	4.52%	1.008%
27	8.065	522	523	525	rVB	553201	392118	1.80%	0.402%
28	8.213	535	536	539	rVB	444731	370876	1.71%	0.380%
29	8.442	553	556	562	rVB	360191	456644	2.10%	0.468%
30	8.979	600	603	605	rBV	2796247	2548507	11.72%	2.613%
31	9.070	608	611	613	rVB	4054480	3697315	17.01%	3.790%
32	9.459	643	645	647	rBV	190442	293060	1.35%	0.300%
33	9.528	649	651	653	rVB	251272	288802	1.33%	0.296%
34	9.745	667	670	672	rVV	727763	997374	4.59%	1.022%

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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-BF111915.M
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35	10.030	693	695	697	rVB	570602	486188	2.24%	0.498%
36	10.522	734	738	741	rBV2	323778	362644	1.67%	0.372%
37	11.219	796	799	801	rVB	1157758	1062411	4.89%	1.089%
38	12.511	909	912	914	rVB	468148	428841	1.97%	0.440%
39	12.808	935	938	940	rBV	3858424	3533843	16.26%	3.623%
40	13.848	1026	1029	1031	rBV	1141653	1074555	4.94%	1.102%
41	15.231	1147	1150	1152	rBV	571392	744234	3.42%	0.763%

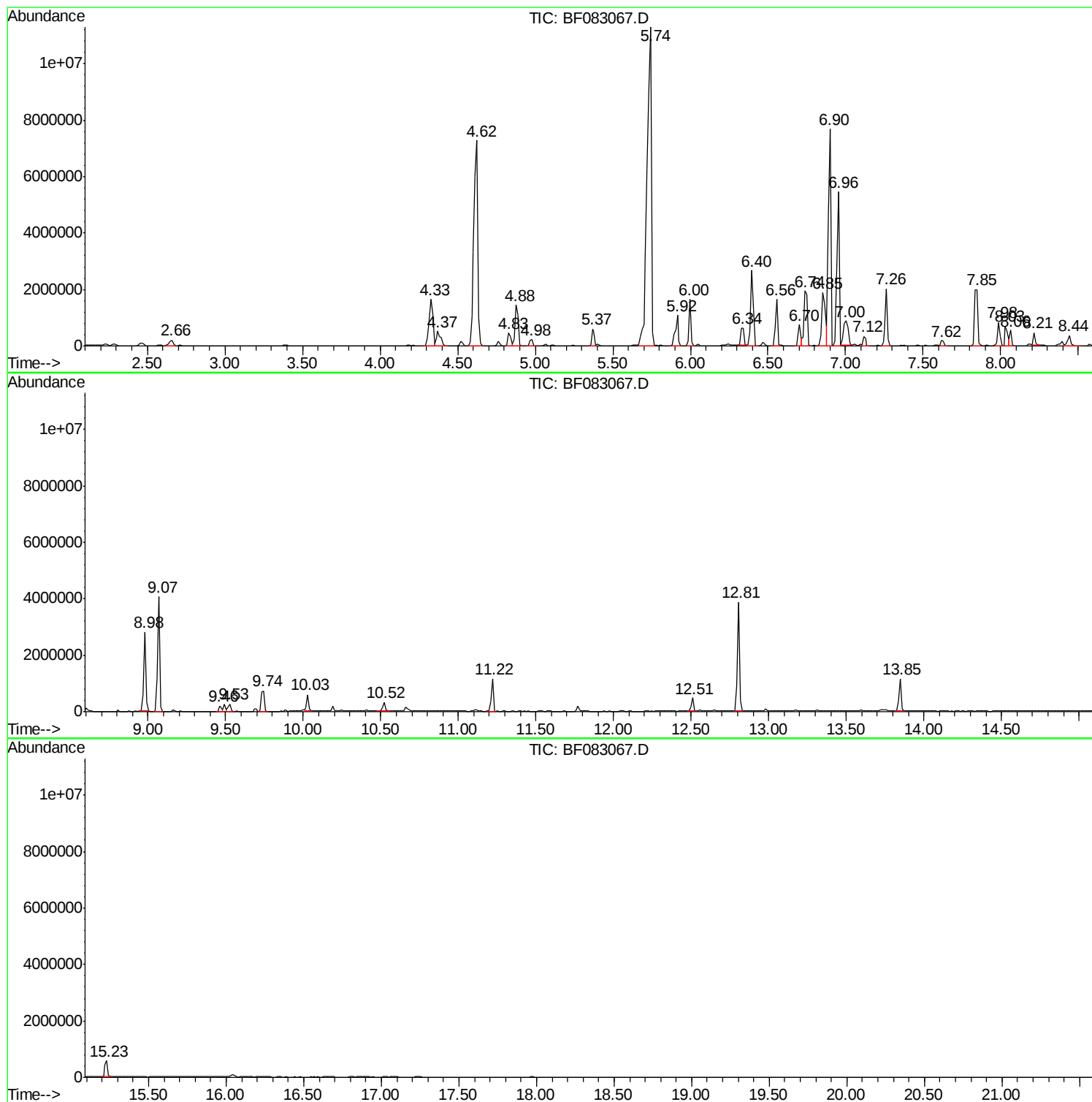
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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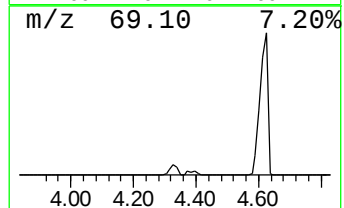
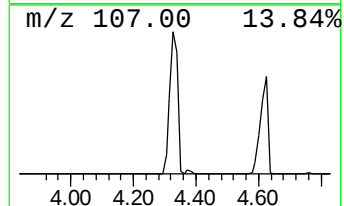
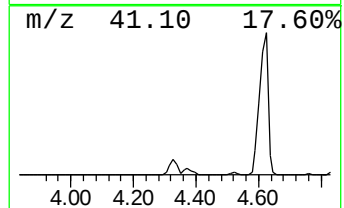
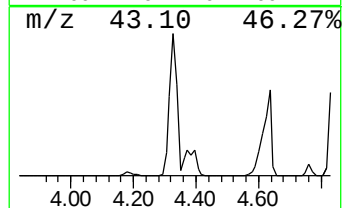
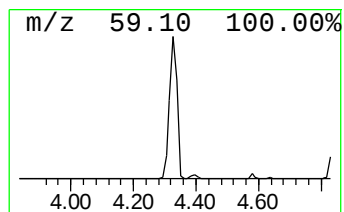
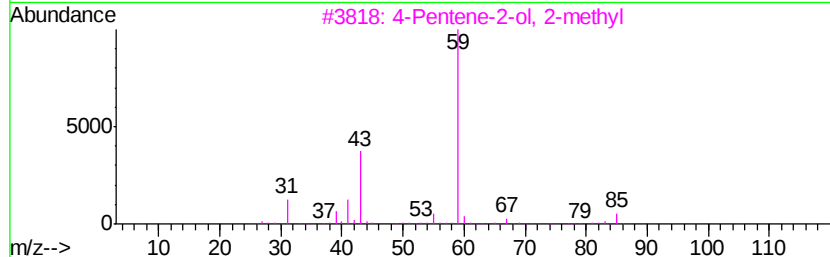
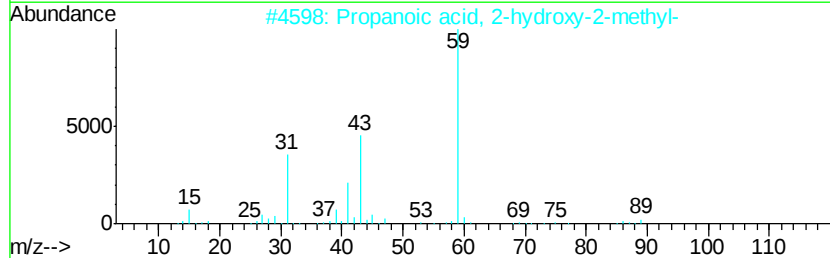
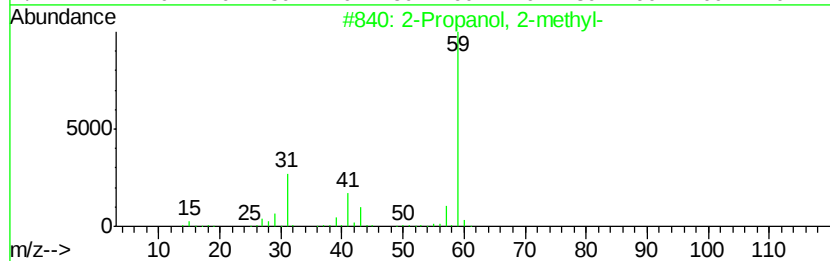
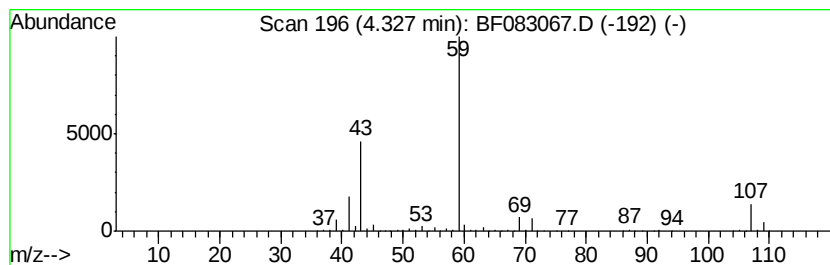
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	51.94 ng	2747310	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
2			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	38
3			4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38
4			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	36
5			3-Pentanol	88	C5H12O	000584-02-1	9



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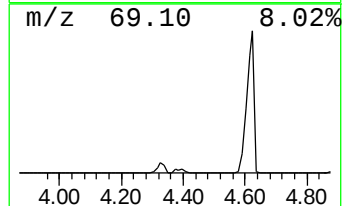
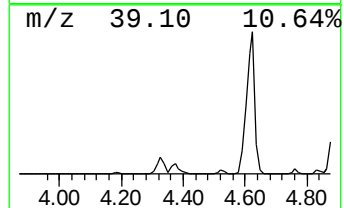
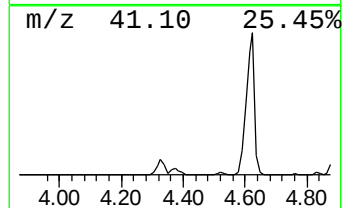
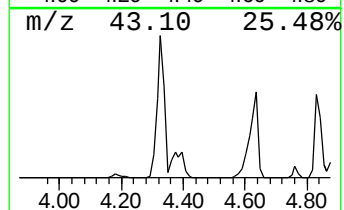
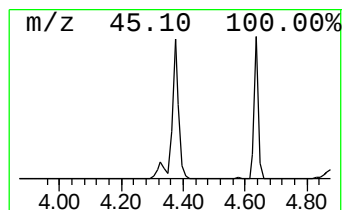
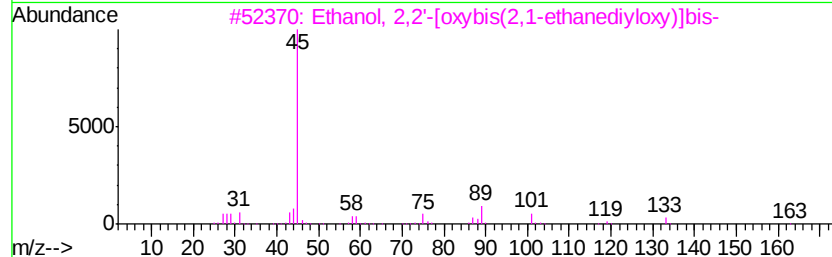
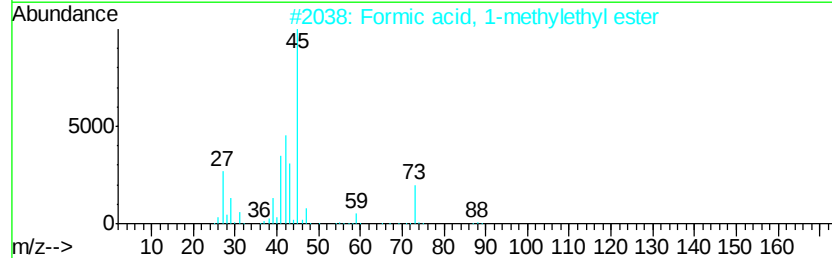
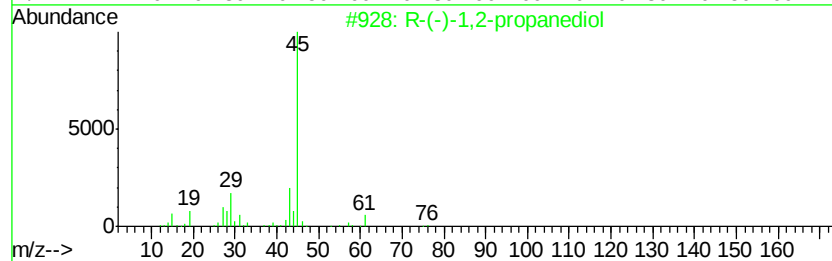
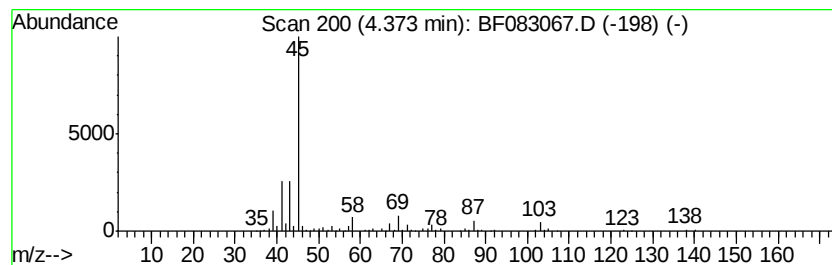
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown4.37 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	19.58 ng	1035550	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	42
2			Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	42
3			Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	39
4			2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39
5			4-Penten-2-ol	86	C5H10O	000625-31-0	36



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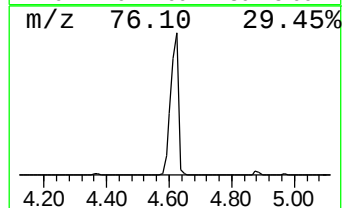
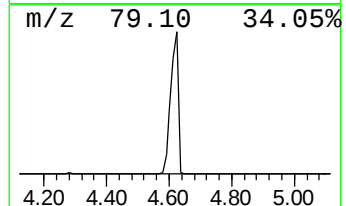
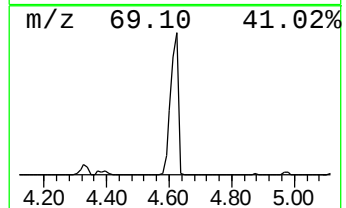
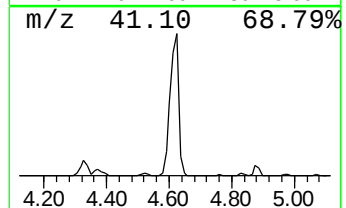
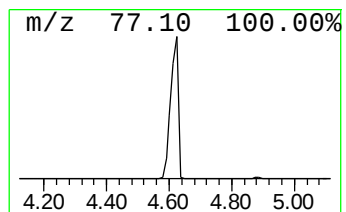
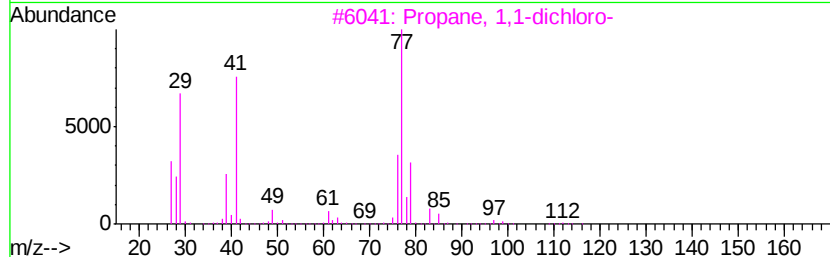
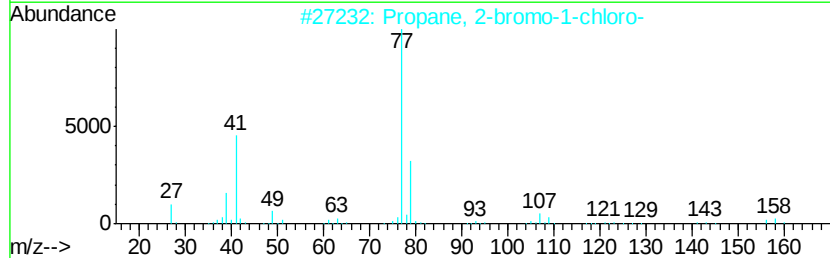
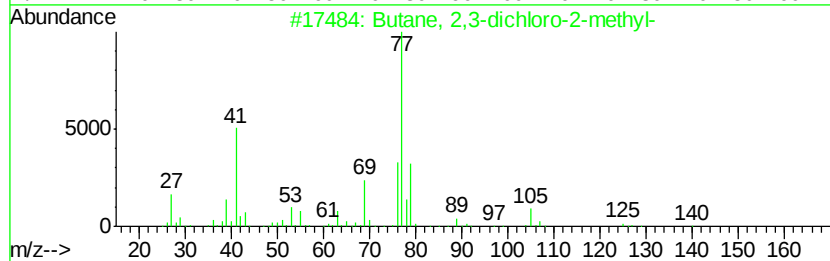
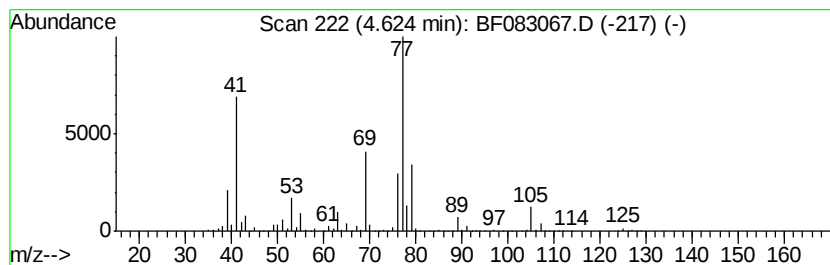
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butane, 2,3-dichloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	244.03 ng	12906700	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	83
2		Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	38
3		Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	36
4		Butane, 1,3-dichloro-3-methyl-	140	C5H10Cl2	000624-96-4	16
5		Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	9



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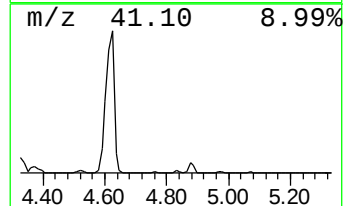
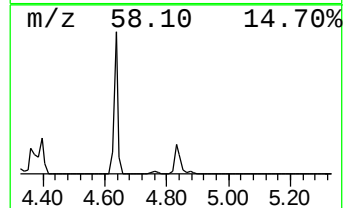
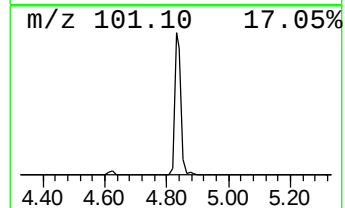
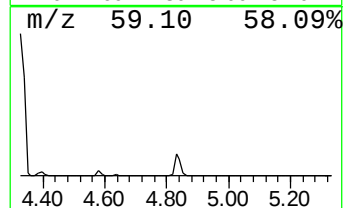
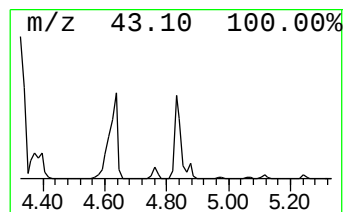
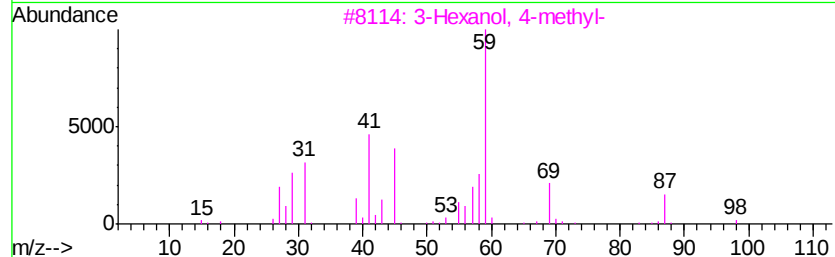
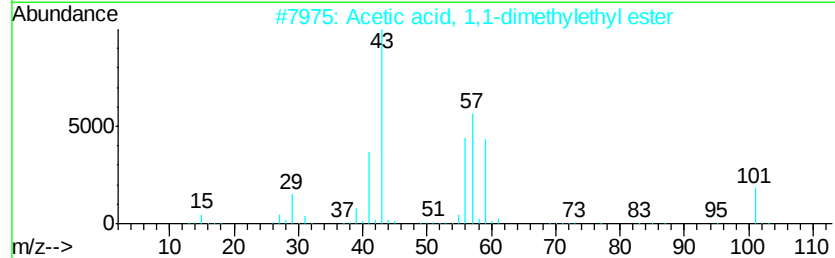
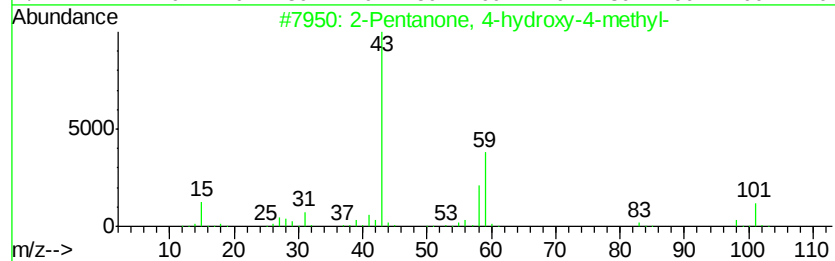
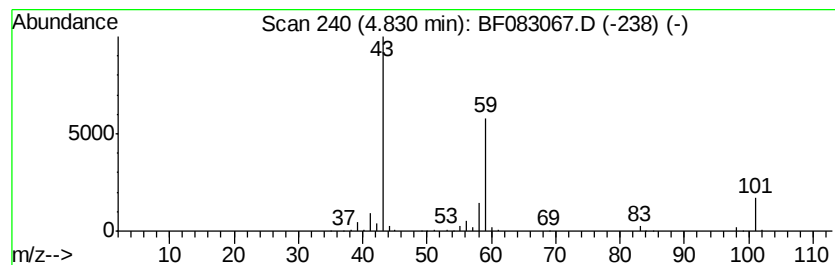
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	11.67 ng	617165	1,4-Dichlorobenzene-d4	6.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	



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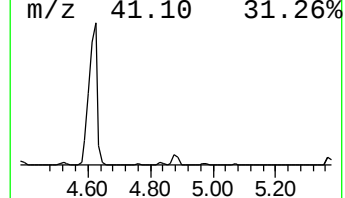
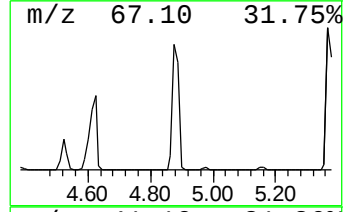
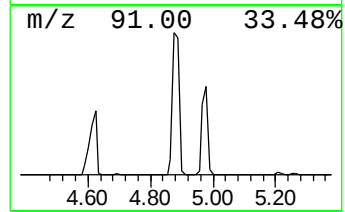
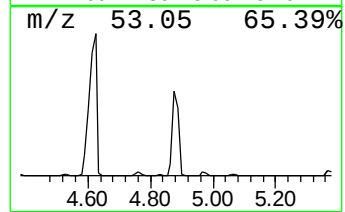
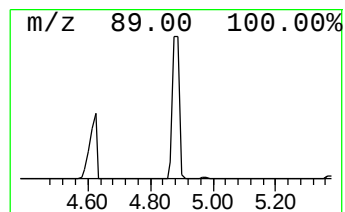
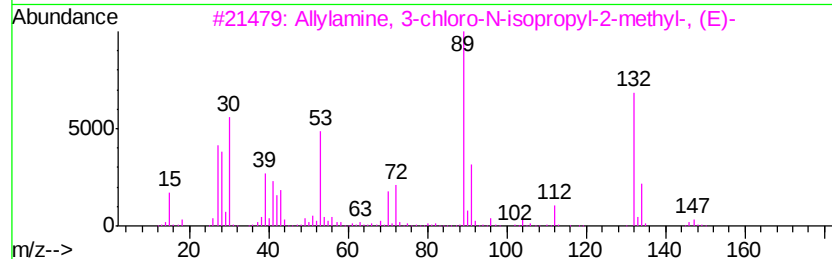
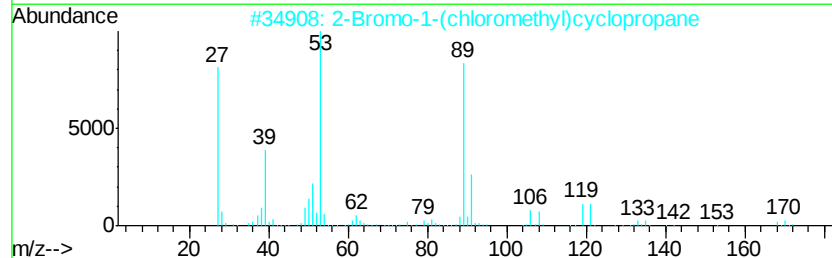
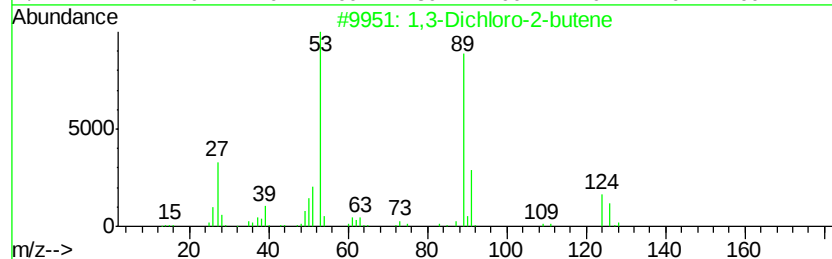
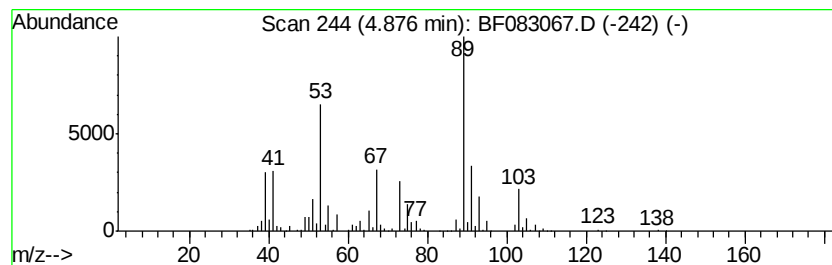
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,3-Dichloro-2-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	36.01 ng	1904440	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	72
2		2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	56
3		Allylamine, 3-chloro-N-isopropyl...	147	C7H14ClN	023240-44-0	40
4		1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	18
5		1-Propene, 3-chloro-2-(chloromet...	124	C4H6Cl2	001871-57-4	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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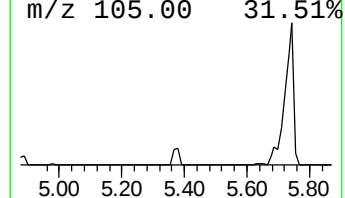
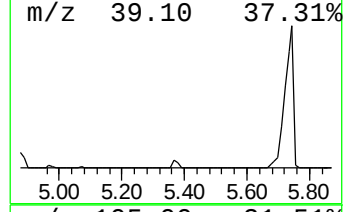
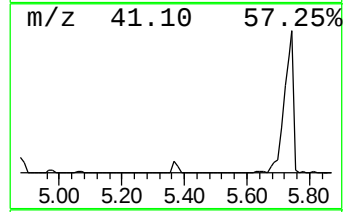
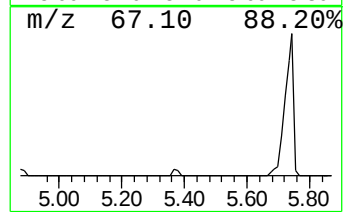
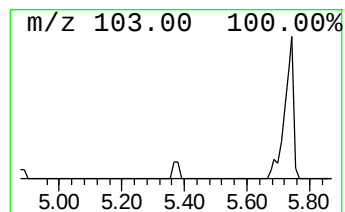
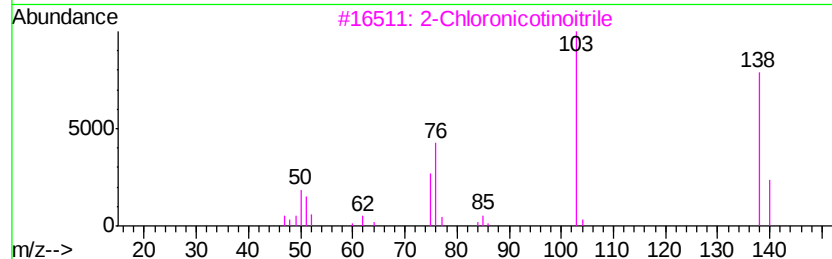
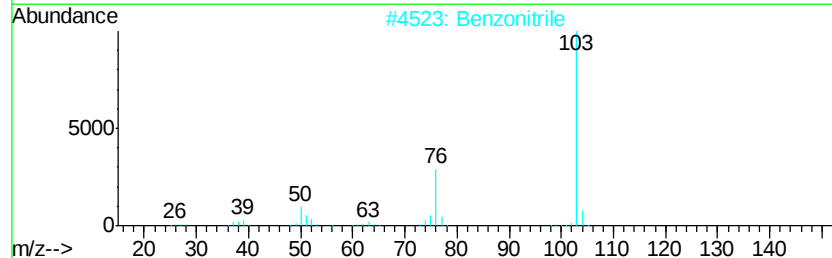
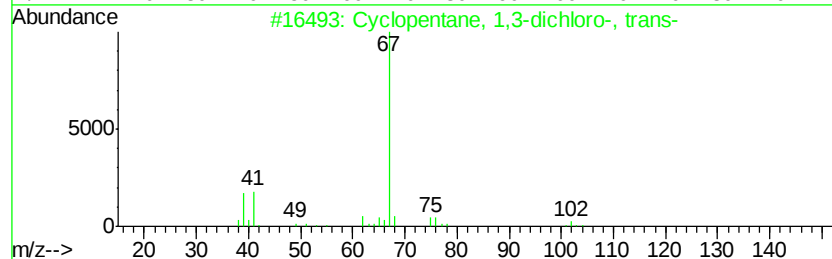
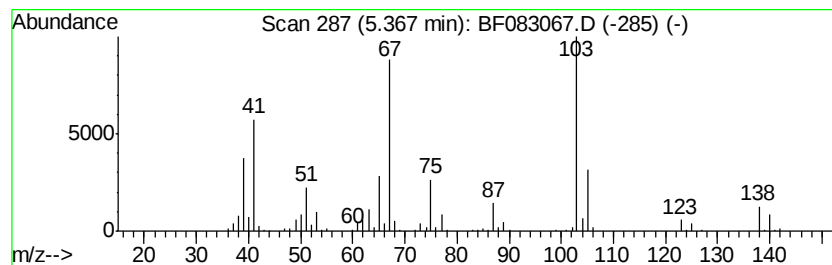
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown5.37 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	14.78 ng	781583	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dichloro-, trans-	138	C5H8Cl2	026688-50-6	22
2		Benzonitrile	103	C7H5N	000100-47-0	14
3		2-Chloronicotinoitrile	138	C6H3ClN2	006602-54-6	13
4		Tricyclo[3.1.0.0(2,4)]hex-3-ene-...	103	C7H5N	103495-51-8	12
5		1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
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ClientSampleId :
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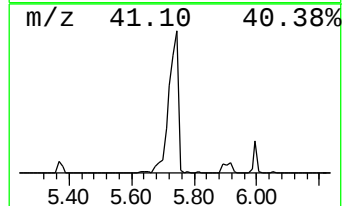
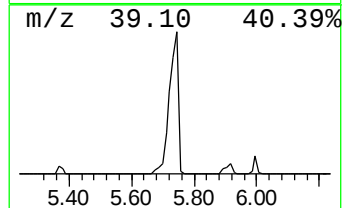
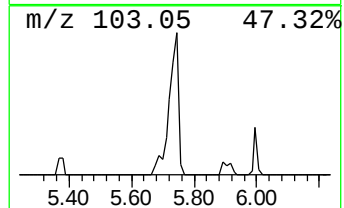
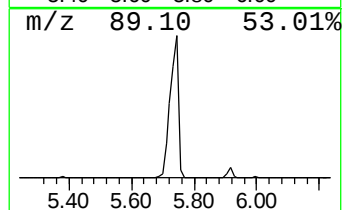
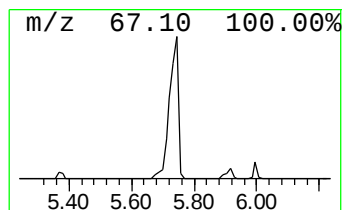
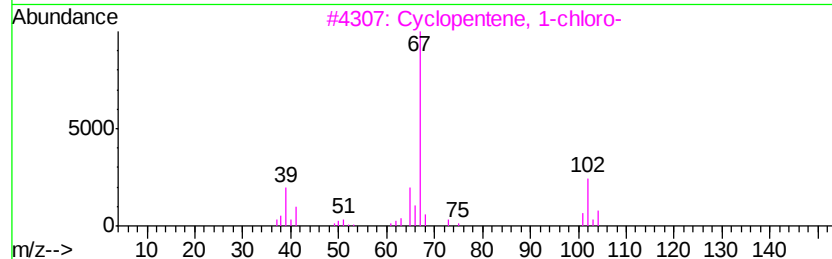
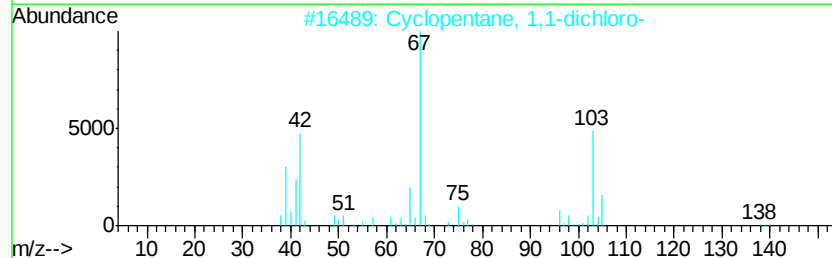
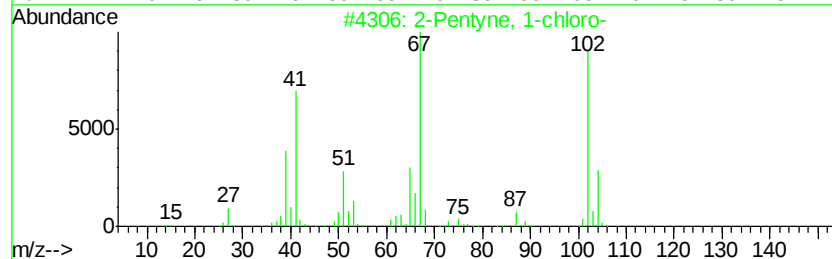
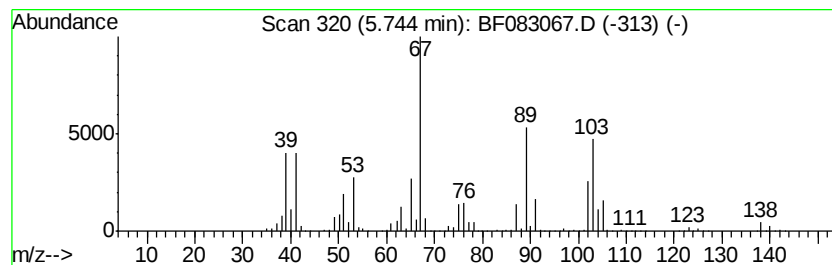
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown5.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	411.03 ng	21739000	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentyne, 1-chloro-	102	C5H7Cl	022592-15-0	43
2			Cyclopentane, 1,1-dichloro-	138	C5H8Cl2	031038-06-9	43
3			Cyclopentene, 1-chloro-	102	C5H7Cl	000930-29-0	38
4			1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	35
5			Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
SES-EFFLUENT-MS-1

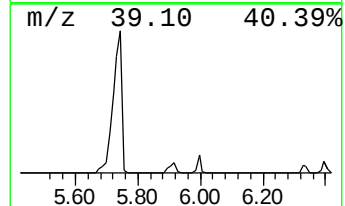
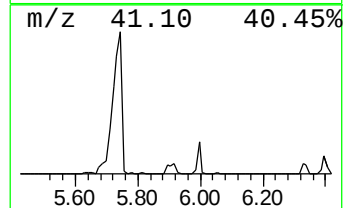
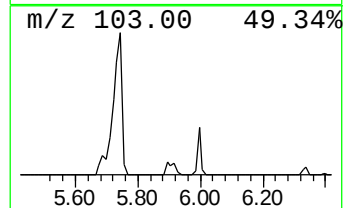
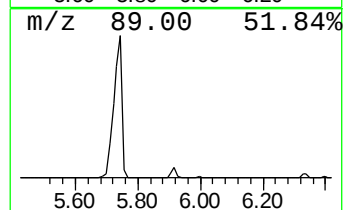
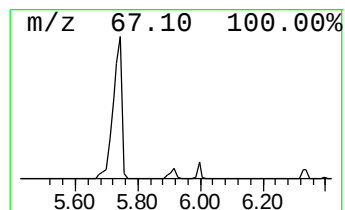
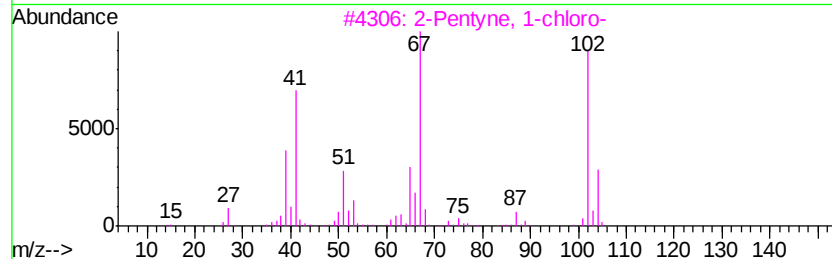
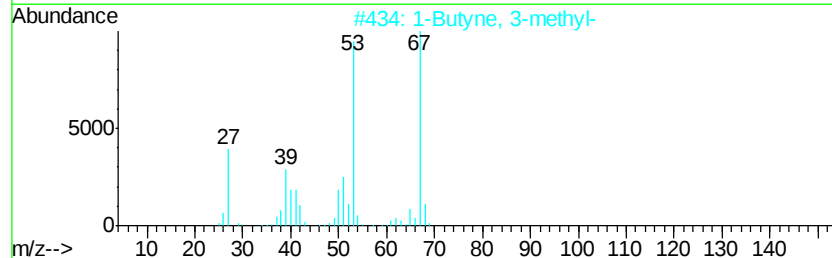
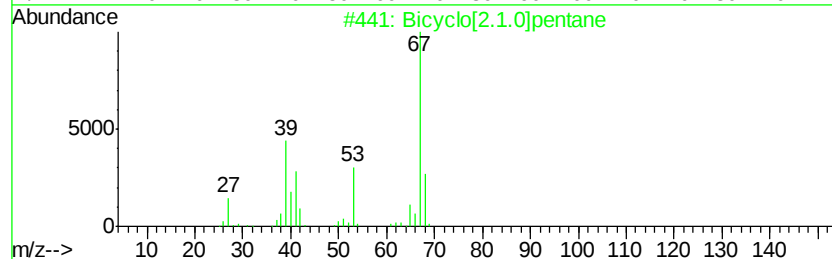
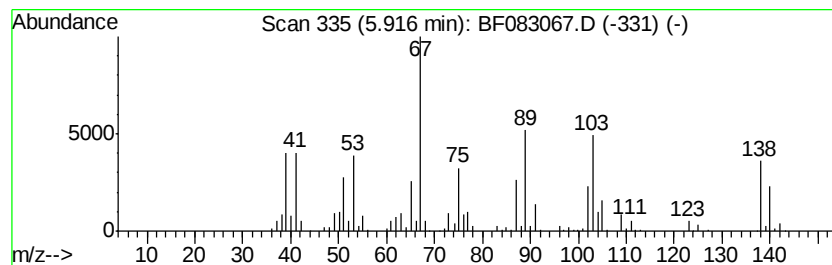
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown5.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	28.91 ng	1529100	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	37
2		1-Butyne, 3-methyl-	68	C5H8	000598-23-2	25
3		2-Pentyne, 1-chloro-	102	C5H7Cl	022592-15-0	18
4		Cyclobutane, 1-bromo-2-chloro-	168	C4H6BrCl	055887-83-7	17
5		1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
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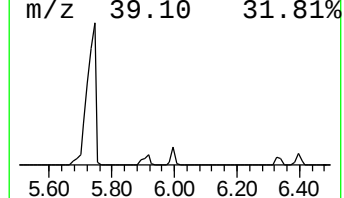
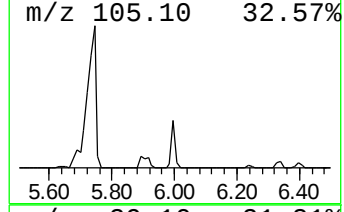
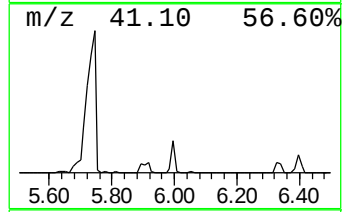
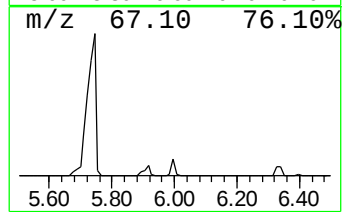
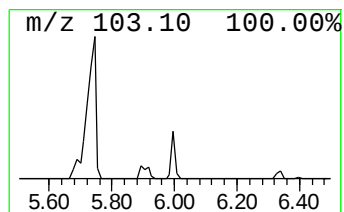
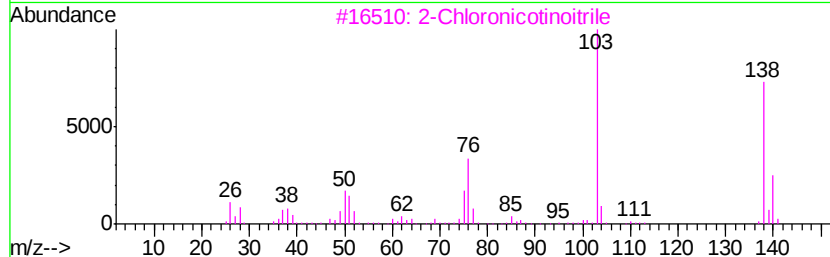
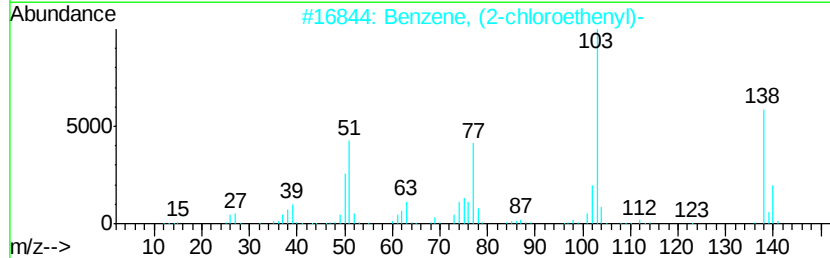
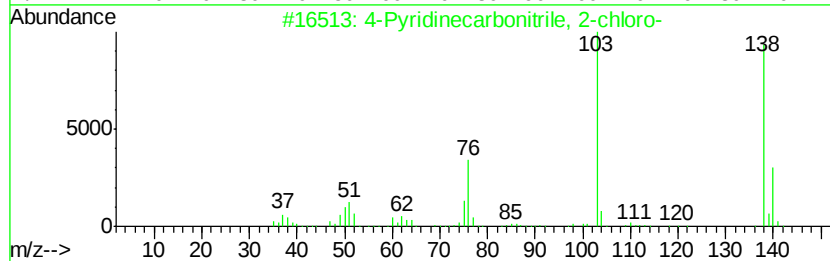
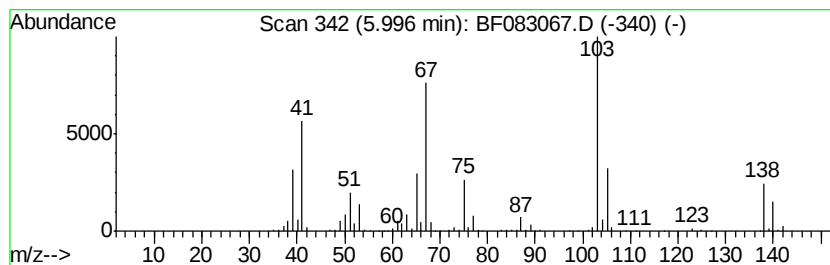
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	25.12 ng	1328710	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Pyridinecarbonitrile, 2-chloro-	138	C6H3ClN2	033252-30-1	35
2		Benzene, (2-chloroethenyl)-	138	C8H7Cl	000622-25-3	25
3		2-Chloronicotinoitrile	138	C6H3ClN2	006602-54-6	25
4		Pentanoic acid, cyclohexyl ester	184	C11H20O2	001551-43-5	25
5		1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
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Instrument :
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ClientSampleId :
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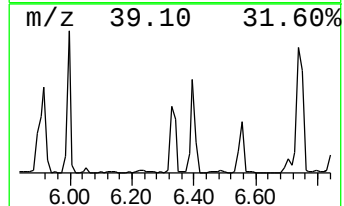
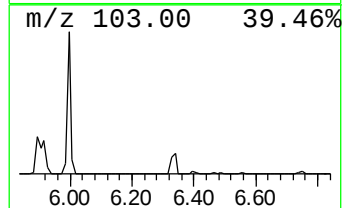
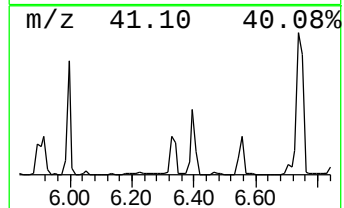
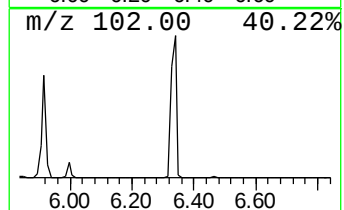
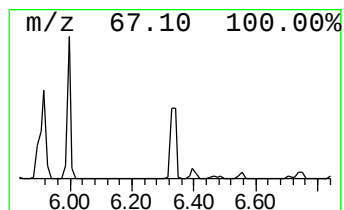
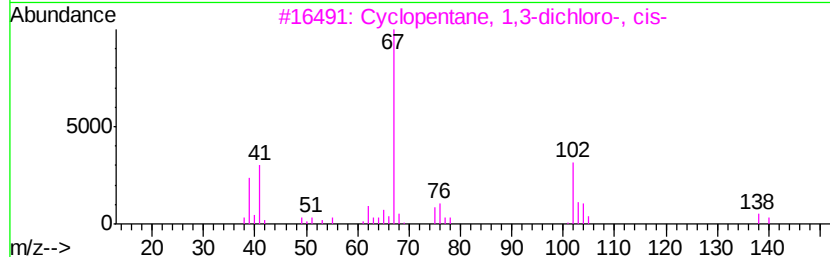
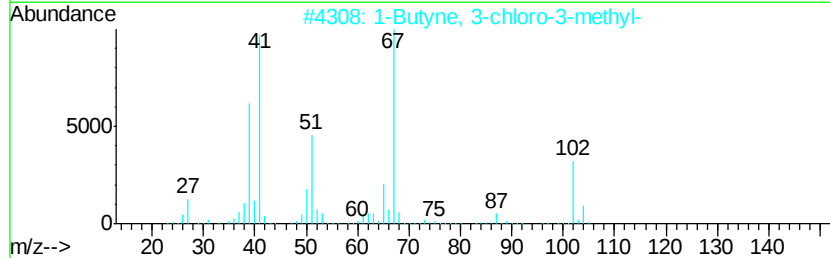
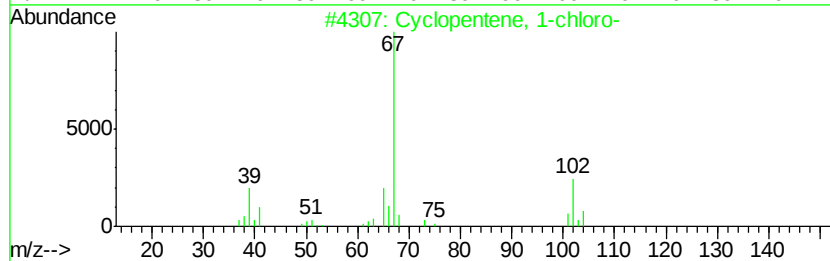
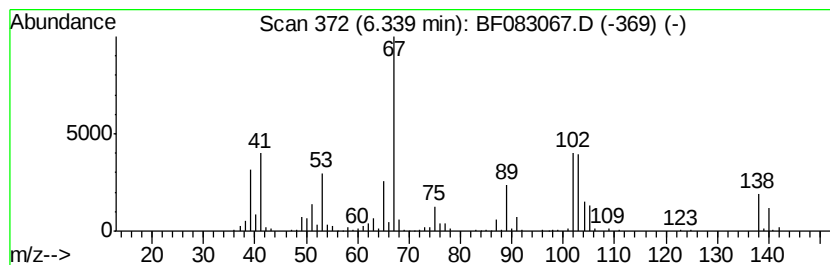
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown6.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	16.12 ng	852535	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1-chloro-	102	C5H7Cl	000930-29-0	49
2		1-Butyne, 3-chloro-3-methyl-	102	C5H7Cl	001111-97-3	43
3		Cyclopentane, 1,3-dichloro-, cis-	138	C5H8Cl2	026688-51-7	40
4		Cyclopentane, 1,1-dichloro-	138	C5H8Cl2	031038-06-9	37
5		1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
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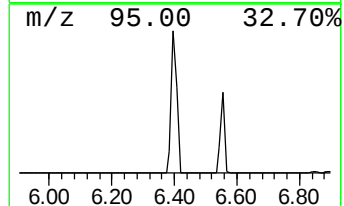
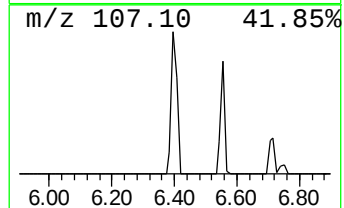
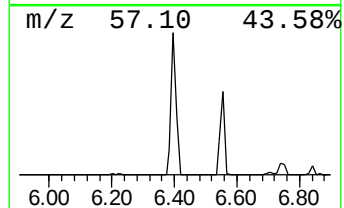
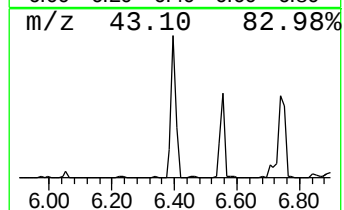
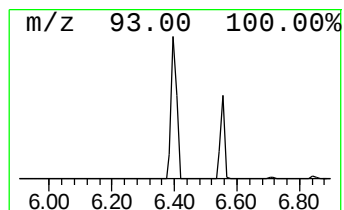
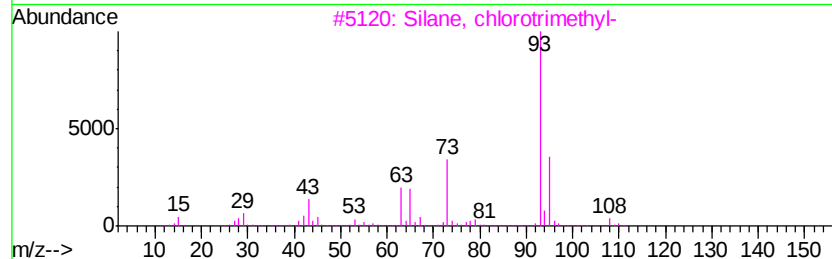
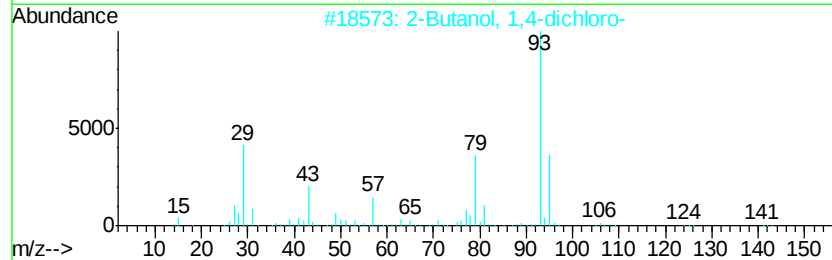
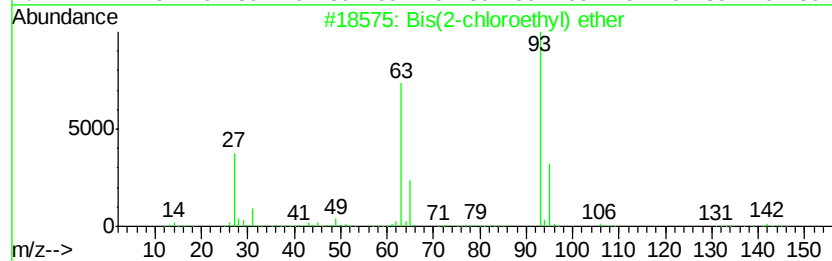
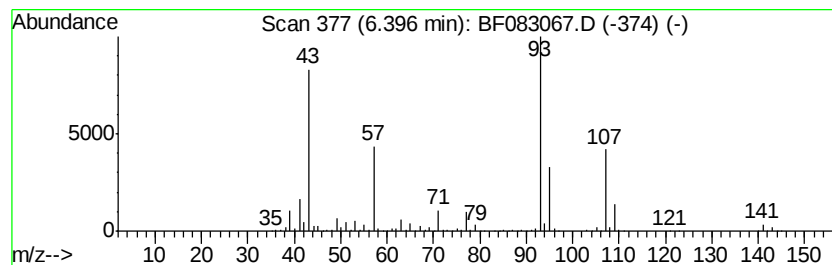
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown6.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	57.96 ng	3065640	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	43
2			2-Butanol, 1,4-dichloro-	142	C4H8Cl2O	002419-74-1	40
3			Silane, chlorotrimethyl-	108	C3H9ClSi	000075-77-4	38
4			Cyclopropane, 1-bromo-1-chloro-2...	172	C3H3BrClF	024071-59-8	28
5			1R-.alpha.-Pinene	136	C10H16	007785-70-8	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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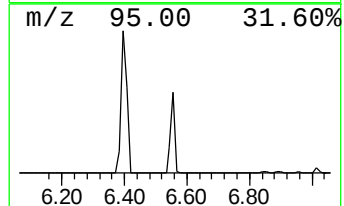
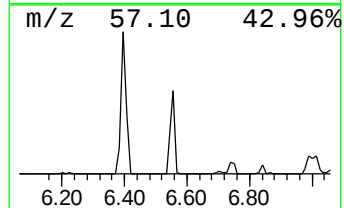
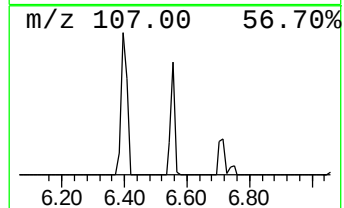
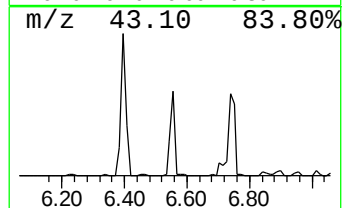
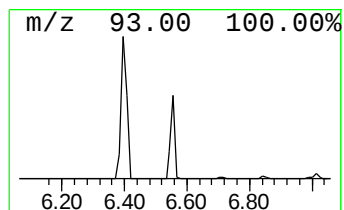
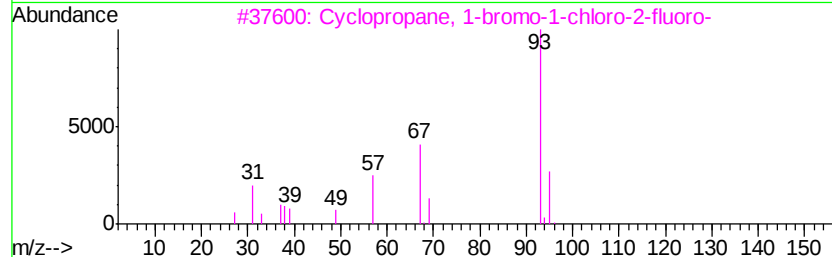
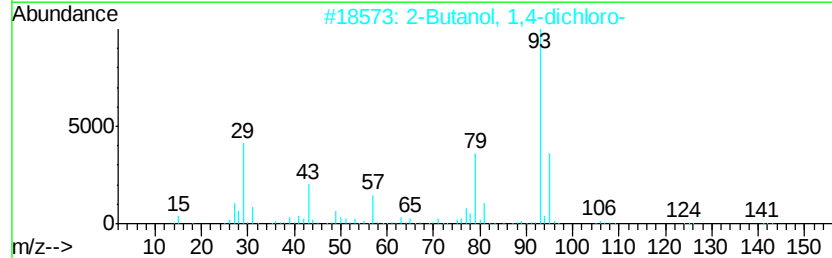
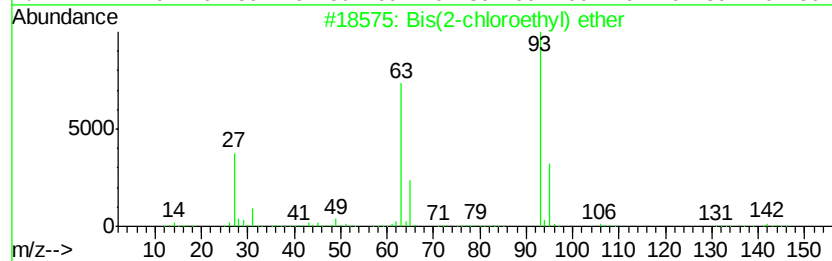
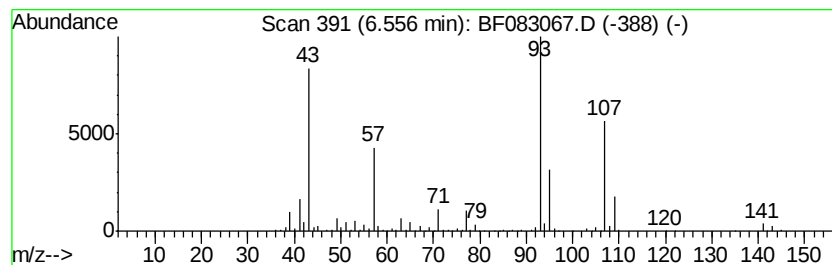
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown6.56 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	29.60 ng	1565710	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	43
2			2-Butanol, 1,4-dichloro-	142	C4H8Cl2O	002419-74-1	40
3			Cyclopropane, 1-bromo-1-chloro-2...	172	C3H3BrClF	024071-59-8	25
4			Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	23
5			Silane, chlorotrimethyl-	108	C3H9ClSi	000075-77-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-MS-1

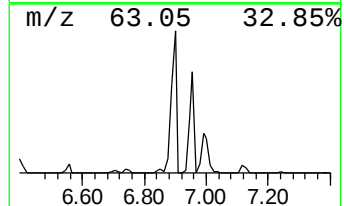
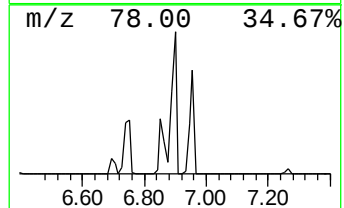
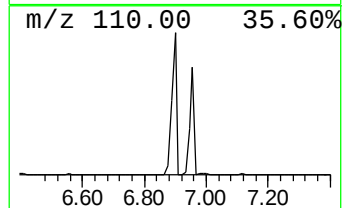
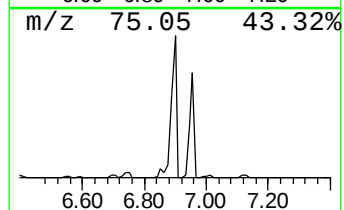
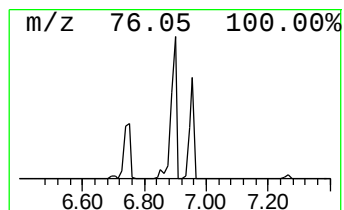
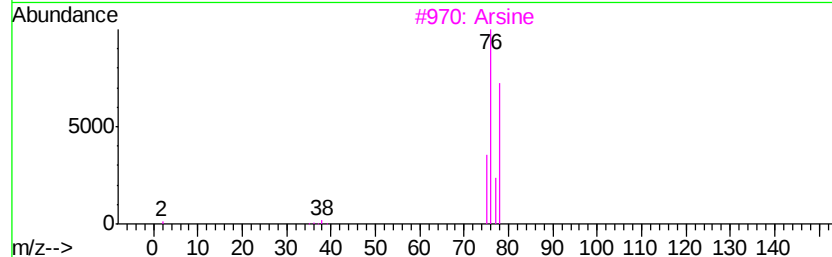
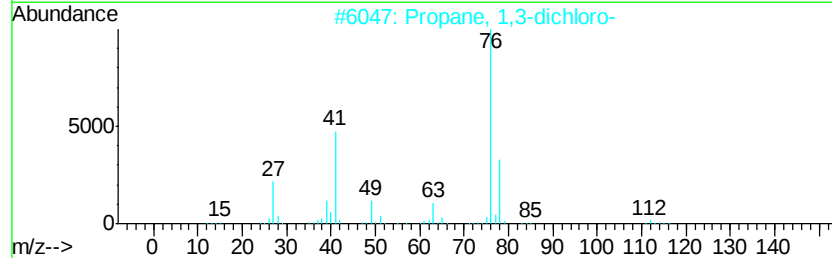
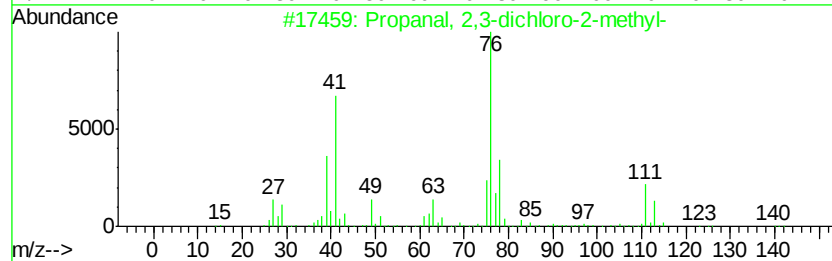
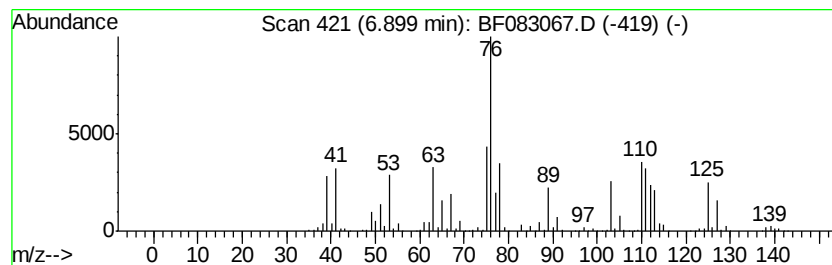
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown6.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	158.16 ng	8365070	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	34
2		Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	9
3		Arsine	78	AsH3	007784-42-1	9
4		(R,R)-Tartaric acid	150	C4H6O6	000087-69-4	9
5		Thiourea	76	CH4N2S	000062-56-6	7



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-MS-1

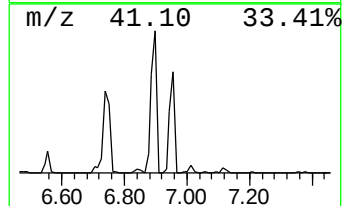
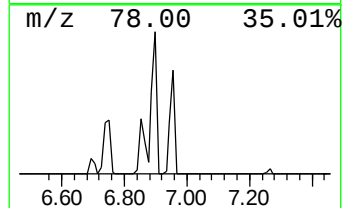
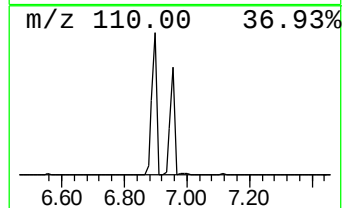
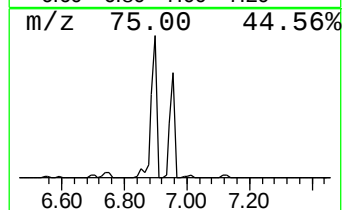
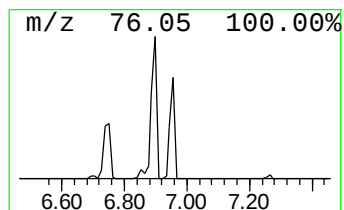
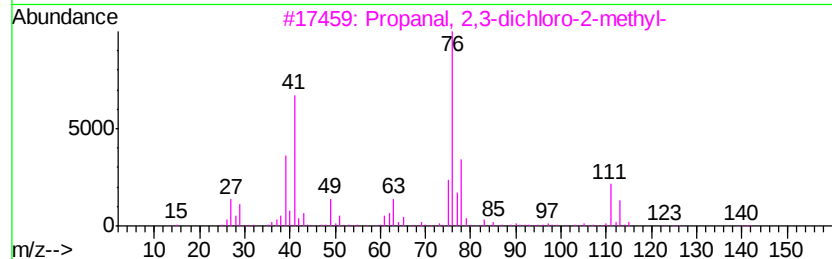
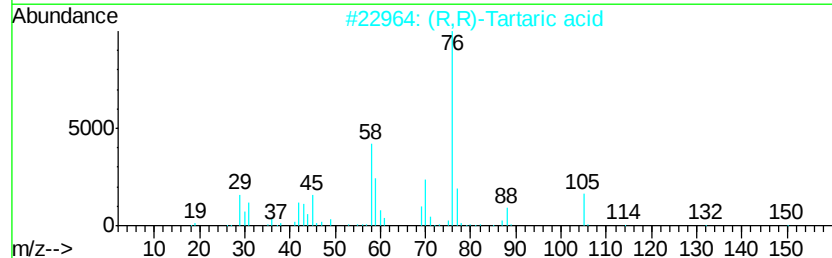
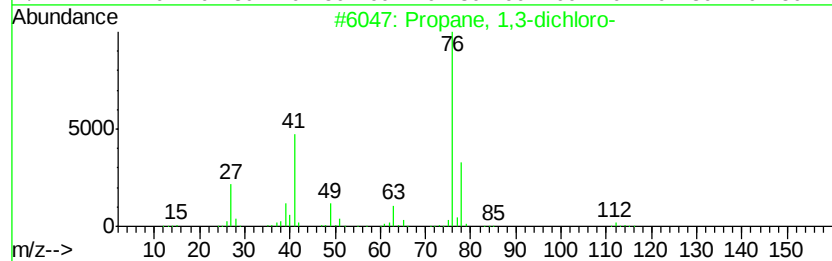
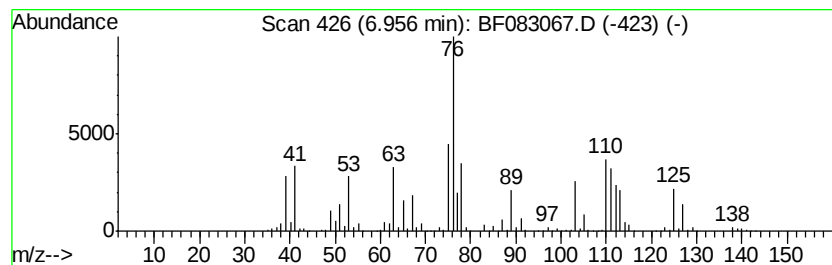
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown6.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	108.06 ng	5715430	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	40
2		(R,R)-Tartaric acid	150	C4H6O6	000087-69-4	9
3		Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	9
4		Thiourea	76	CH4N2S	000062-56-6	5
5		Carbon disulfide	76	CS2	000075-15-0	4



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-MS-1

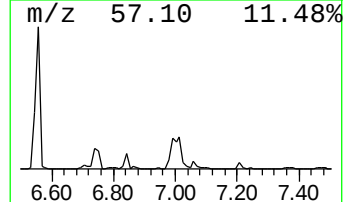
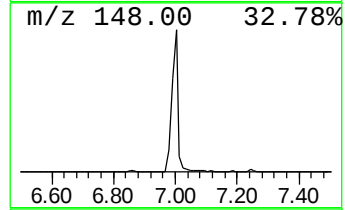
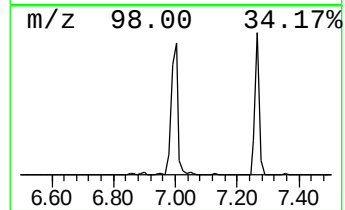
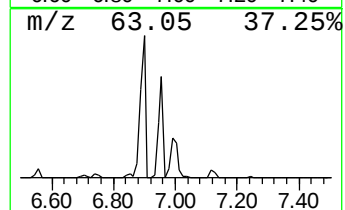
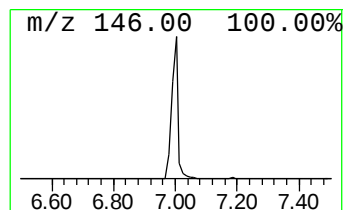
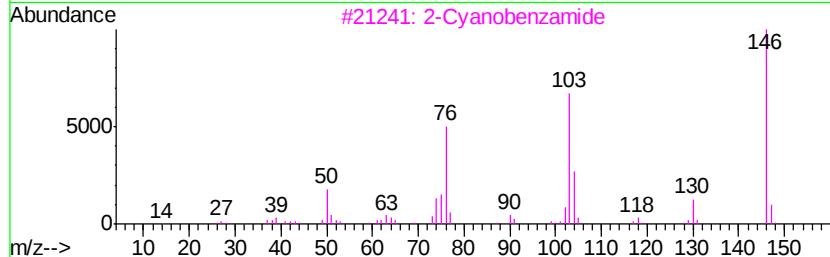
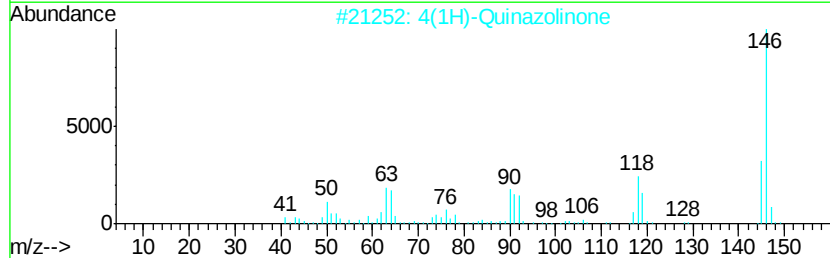
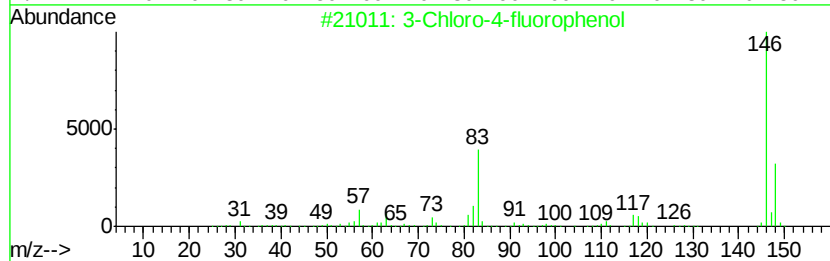
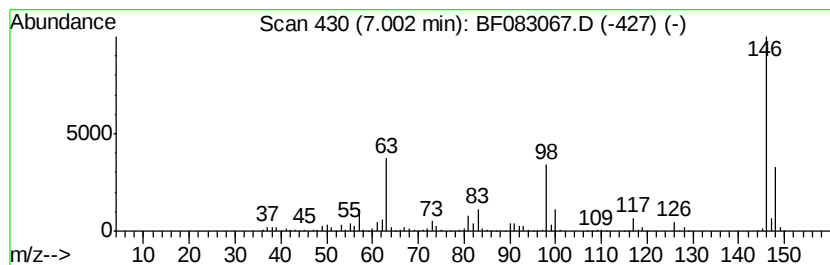
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown7.00 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	33.88 ng	1791680	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-4-fluorophenol	146	C6H4ClFO	002613-23-2	49
2		4(1H)-Quinazolinone	146	C8H6N2O	000491-36-1	43
3		2-Cyanobenzamide	146	C8H6N2O	017174-98-0	32
4		6-Chloro-3-hydroxypyridazine 1-o...	146	C4H3ClN2O2	018259-52-4	25
5		Naphthalene, 1-fluoro-	146	C10H7F	000321-38-0	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-MS-1

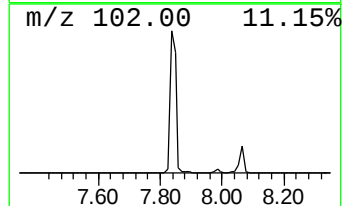
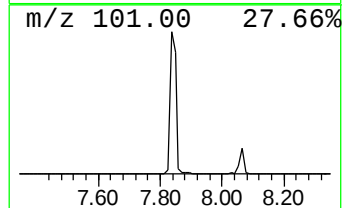
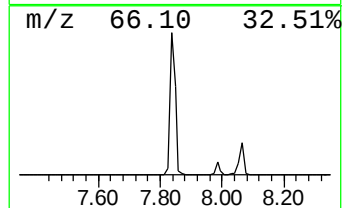
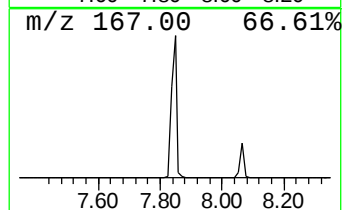
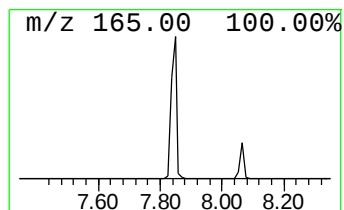
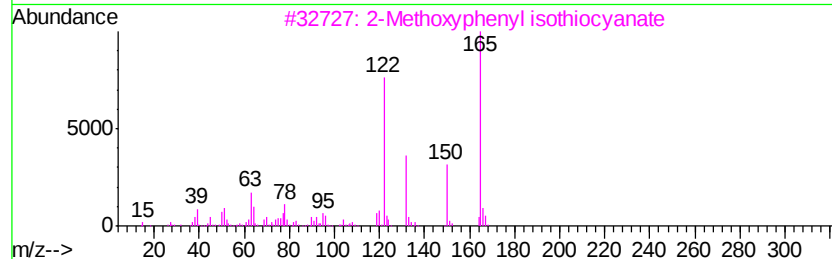
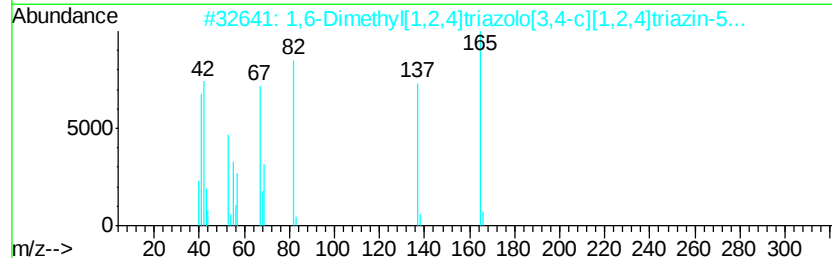
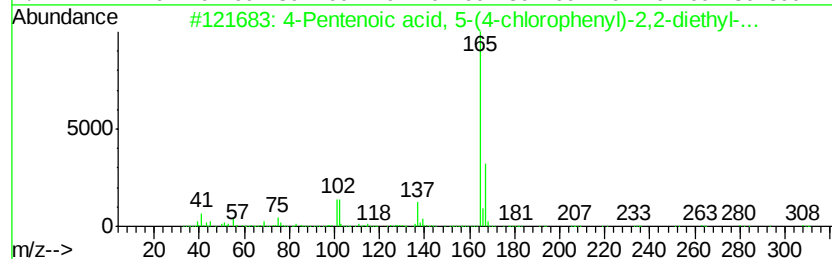
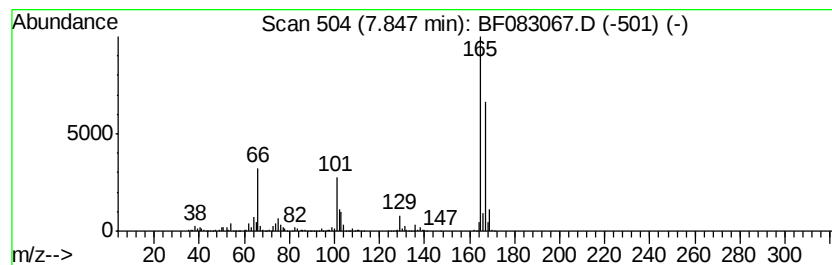
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown7.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	64.97 ng	2833230	Naphthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Pentenoic acid, 5-(4-chlorophe...	308	C17H21ClO3	302941-29-3	32
2		1,6-Dimethyl[1,2,4]triazolo[3,4-...	165	C6H7N5O	1000146-89-4	14
3		2-Methoxyphenyl isothiocyanate	165	C8H7NOS	003288-04-8	12
4		4-Methoxyphenyl isothiocyanate	165	C8H7NOS	002284-20-0	10
5		4-Hydrazino-7-methyl-1H-1,2,3-tr...	165	C5H7N7	028753-32-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-MS-1

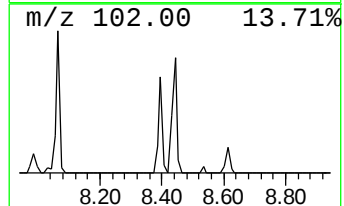
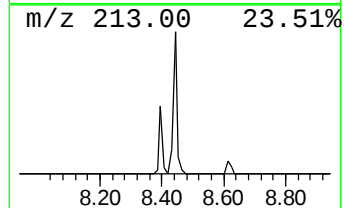
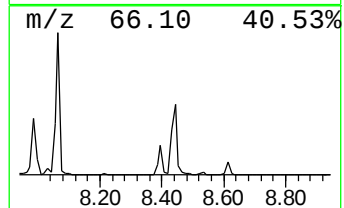
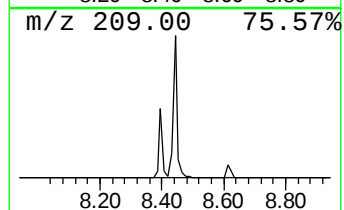
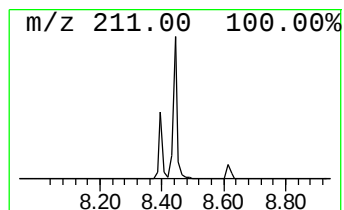
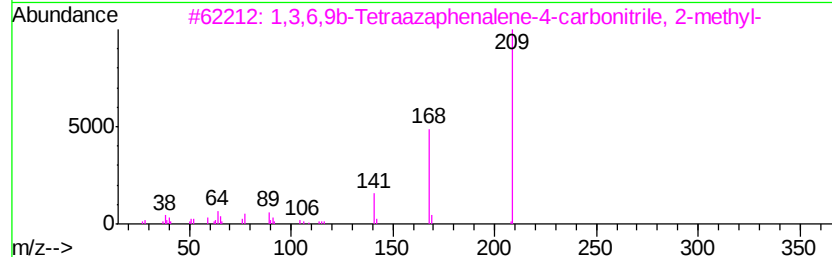
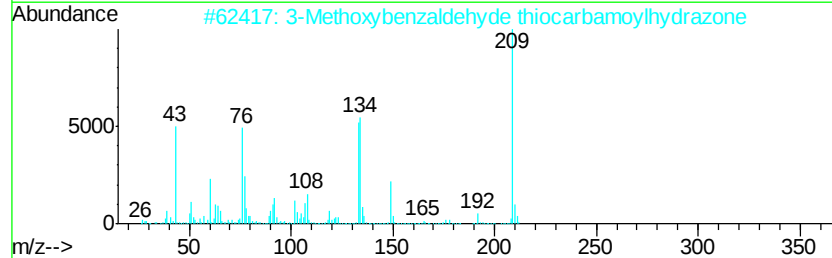
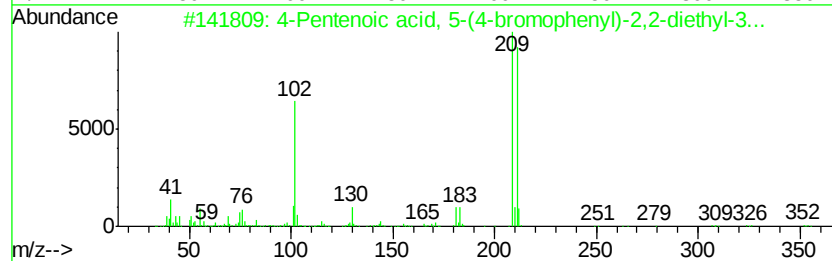
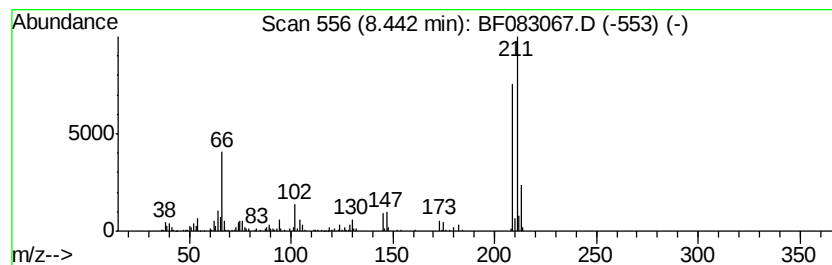
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown8.44 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	10.47 ng	456644	Naphthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Pentenoic acid, 5-(4-bromophen...	352	C17H21BrO3	302941-31-7	22
2		3-Methoxybenzaldehyde thiocarbam...	209	C9H11N3OS	051146-74-8	10
3		1,3,6,9b-Tetraazaphenalene-4-car...	209	C11H7N5	037160-08-0	10
4		Thiazolidin-2-one, 3-(4-methoxyp...	209	C10H11NO2S	028690-23-5	9
5		2-Mercapto-benzothiazole-6-carbo...	211	C8H5N02S2	084092-99-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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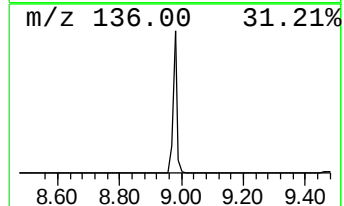
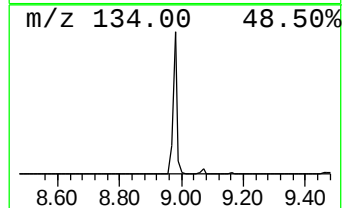
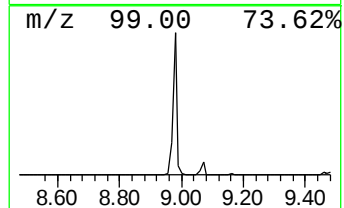
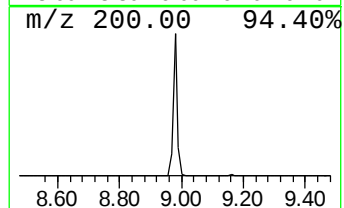
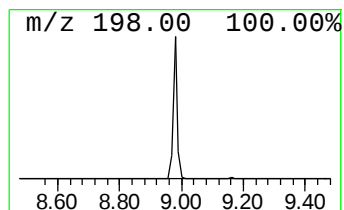
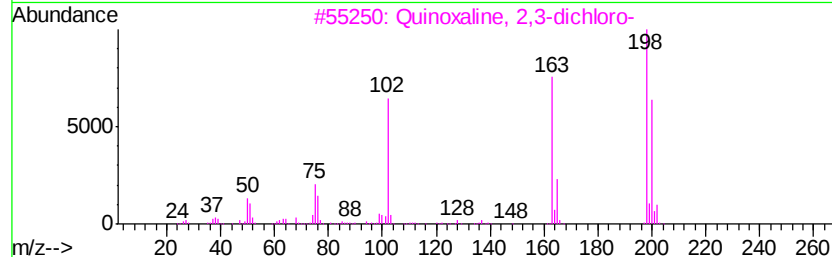
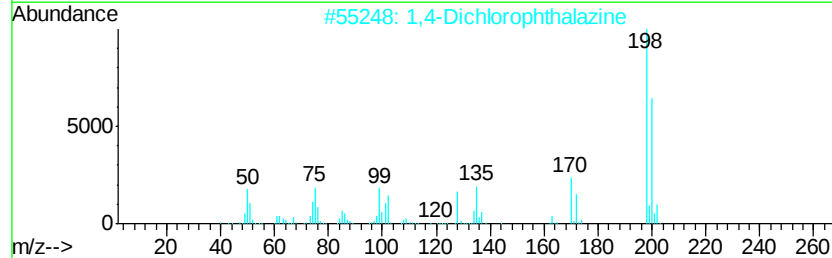
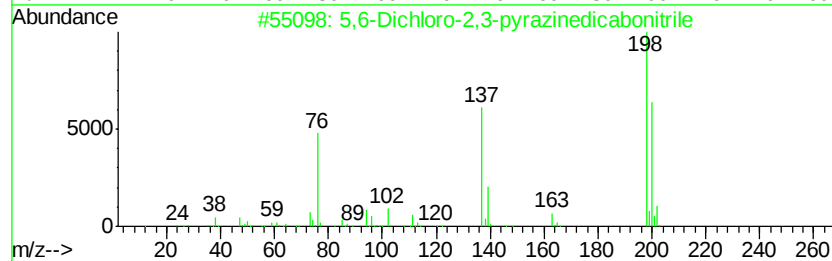
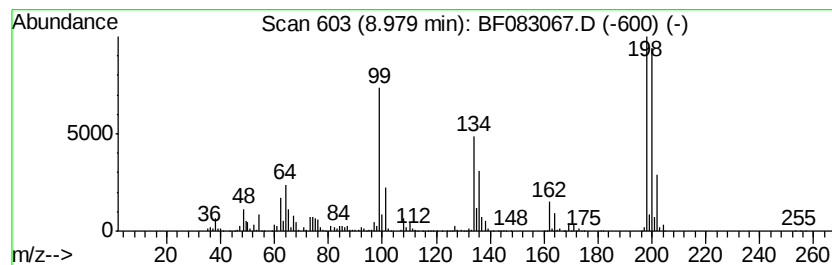
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown8.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	51.10 ng	2548510	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,6-Dichloro-2,3-pyrazinedicabon...	198	C6Cl2N4	056413-95-7	27
2		1,4-Dichlorophthalazine	198	C8H4Cl2N2	004752-10-7	16
3		Quinoxaline, 2,3-dichloro-	198	C8H4Cl2N2	002213-63-0	14
4		1,4-Benzenedicarbonitrile, 2,3,5...	200	C8F4N2	001835-49-0	11
5		Benzoic acid, 4-hydroxy-3,5-dime...	198	C9H10O5	000530-57-4	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083067.D
Acq On : 20 Nov 2015 7:19
Operator : UM/IZ
Sample : G4458-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

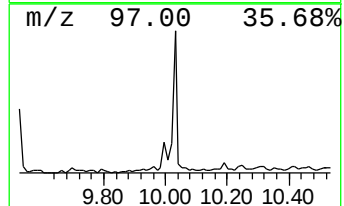
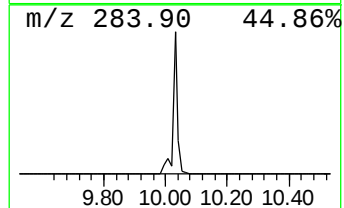
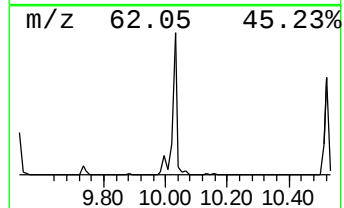
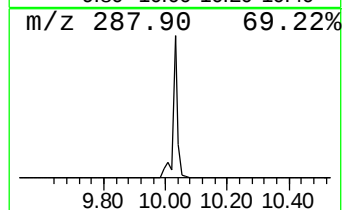
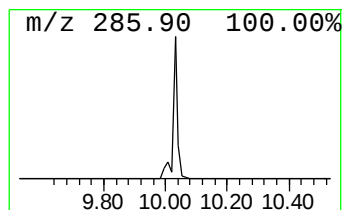
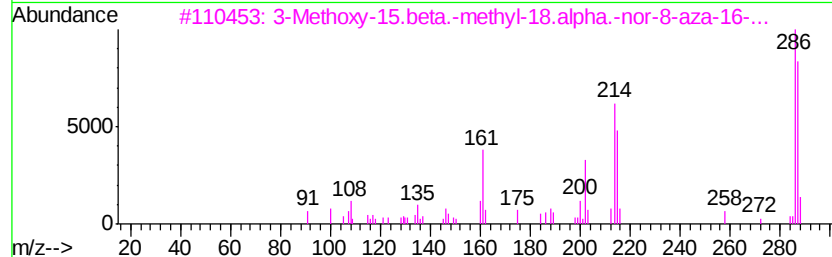
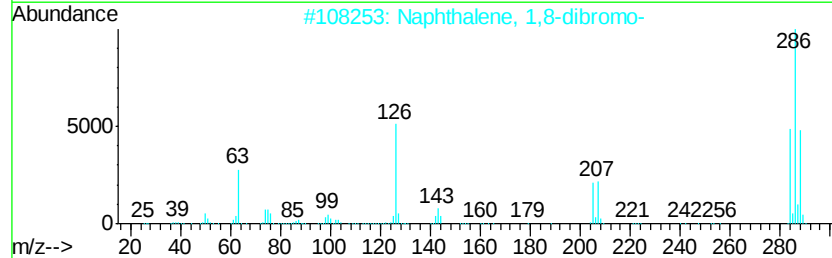
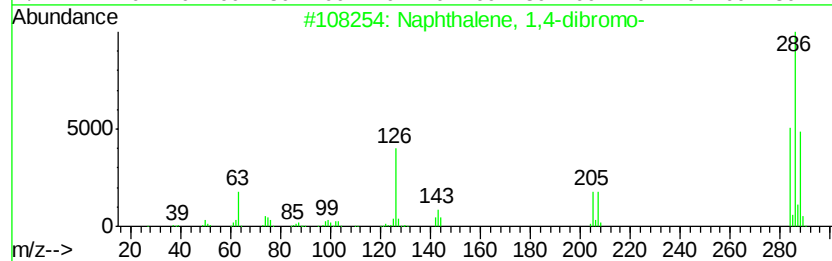
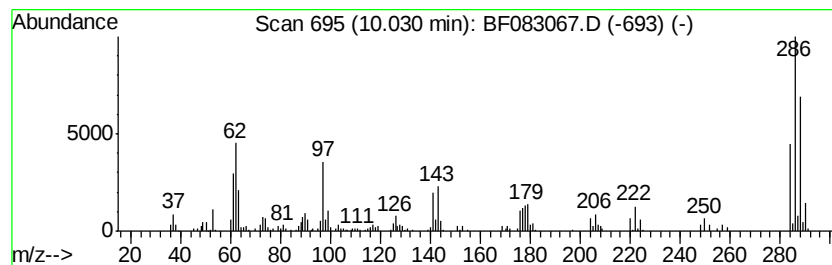
Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-MS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	9.75 ng	486188	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dibromo-	284	C10H6Br2	000083-53-4	30
2	Naphthalene, 1,8-dibromo-	284	C10H6Br2	017135-74-9	30
3	3-Methoxy-15.beta.-methyl-18.alp...	287	C17H21N03	1000148-61-2	22
4	Acetic acid, 1-ethyl-9a,11a-dime...	346	C23H38O2	1000190-78-3	11
5	Phosphorothioic acid, 0,0-dimeth...	321	C7H7Cl3N03PS	005598-13-0	10



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Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.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-Propanol, 2-met...	4.33	51.9	ng	2747310	1	6.70	1057800	20.0
unknown4.37	4.37	19.6	ng	1035550	1	6.70	1057800	20.0
Butane, 2,3-dichl...	4.62	244.0	ng	12906700	1	6.70	1057800	20.0
2-Pentanone, 4-hy...	4.83	11.7	ng	617165	1	6.70	1057800	20.0
1,3-Dichloro-2-bu...	4.88	36.0	ng	1904440	1	6.70	1057800	20.0
unknown5.37	5.37	14.8	ng	781583	1	6.70	1057800	20.0
unknown5.74	5.74	411.0	ng	21739000	1	6.70	1057800	20.0
unknown5.92	5.92	28.9	ng	1529100	1	6.70	1057800	20.0
unknown6.00	6.00	25.1	ng	1328710	1	6.70	1057800	20.0
unknown6.34	6.34	16.1	ng	852535	1	6.70	1057800	20.0
unknown6.40	6.40	58.0	ng	3065640	1	6.70	1057800	20.0
unknown6.56	6.56	29.6	ng	1565710	1	6.70	1057800	20.0
unknown6.90	6.90	158.2	ng	8365070	1	6.70	1057800	20.0
unknown6.96	6.96	108.1	ng	5715430	1	6.70	1057800	20.0
unknown7.00	7.00	33.9	ng	1791680	1	6.70	1057800	20.0
unknown7.85	7.85	65.0	ng	2833230	2	7.98	872177	20.0
unknown8.44	8.44	10.5	ng	456644	2	7.98	872177	20.0
unknown8.98	8.98	51.1	ng	2548510	3	9.74	997374	20.0
unknown10.03	10.03	9.8	ng	486188	3	9.74	997374	20.0