

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011618.D
 Acq On : 19 Sep 2017 23:28
 Operator : SJ/JU
 Sample : I5271-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM090817MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	331	340	343	rBV5	68993152	161529950	51.51%	12.760%
2	6.651	566	572	583	rVB	246879	454169	0.14%	0.036%
3	7.122	646	652	662	rVB	305022	557008	0.18%	0.044%
4	7.304	675	683	694	rBV	1175594	2238988	0.71%	0.177%
5	7.504	708	717	729	rBV	1185136	2280189	0.73%	0.180%
6	7.875	769	780	791	rBV	43270215	106928317	34.10%	8.447%
7	8.069	791	813	814	rBV4	71891281	313563257	100.00%	24.770%
8	8.363	849	863	864	rBV3	68968547	169896513	54.18%	13.421%
9	8.669	908	915	929	rVB	950769	1622091	0.52%	0.128%
10	9.139	987	995	997	rBV	1606941	2705258	0.86%	0.214%
11	9.192	997	1004	1027	rVB	19688375	35066100	11.18%	2.770%
12	9.469	1044	1051	1066	rBV	841701	1430018	0.46%	0.113%
13	9.786	1100	1105	1111	rVB	431327	745120	0.24%	0.059%
14	9.857	1111	1117	1125	rBV	1327486	2425257	0.77%	0.192%
15	10.392	1201	1208	1229	rBV	1917851	3422350	1.09%	0.270%
16	10.680	1241	1257	1261	rBV4	70671304	219422487	69.98%	17.333%
17	10.786	1269	1275	1289	rVB	2073010	3317376	1.06%	0.262%
18	11.180	1330	1342	1358	rBV	51720368	102355256	32.64%	8.086%
19	11.380	1361	1376	1394	rVB	14631670	24808171	7.91%	1.960%
20	11.592	1403	1412	1425	rBV	3750119	6545061	2.09%	0.517%
21	12.063	1486	1492	1507	rVB3	251729	530346	0.17%	0.042%
22	12.757	1602	1610	1611	rBV3	676270	1014098	0.32%	0.080%
23	12.792	1611	1616	1624	rVB	4007610	6535540	2.08%	0.516%
24	13.174	1675	1681	1693	rBV	608566	987149	0.31%	0.078%
25	13.404	1712	1720	1733	rBV	12145334	18737015	5.98%	1.480%
26	13.504	1733	1737	1742	rVV	196563	319770	0.10%	0.025%
27	13.557	1742	1746	1750	rVV	305325	466499	0.15%	0.037%
28	13.604	1750	1754	1762	rVB3	235091	406461	0.13%	0.032%
29	13.998	1813	1821	1827	rBV	4066594	6088829	1.94%	0.481%
30	14.057	1827	1831	1839	rVB	348281	557182	0.18%	0.044%
31	14.292	1865	1871	1878	rVB	4386703	6312298	2.01%	0.499%
32	14.598	1916	1923	1936	rBV2	2792338	4419922	1.41%	0.349%
33	14.780	1946	1954	1965	rBV	233971	485792	0.15%	0.038%
34	14.910	1972	1976	1982	rVB	334913	504468	0.16%	0.040%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM090817MA.M
Title : SVOA CALIBRATION

35	15.586	2084	2091	2097	rBV	5699914	8070257	2.57%	0.638%
36	15.698	2104	2110	2124	rVV	1940828	2847944	0.91%	0.225%
37	17.333	2382	2388	2398	rBV2	3424785	5058056	1.61%	0.400%
38	17.433	2398	2405	2417	rVB	6315964	8942917	2.85%	0.706%
39	19.721	2788	2794	2803	rBV	7762757	10476257	3.34%	0.828%
40	21.497	3091	3096	3102	rBV	4598789	5953070	1.90%	0.470%
41	23.721	3467	3474	3488	rVB2	5289855	10359094	3.30%	0.818%
42	23.874	3493	3500	3509	rVB	2758662	5502526	1.75%	0.435%

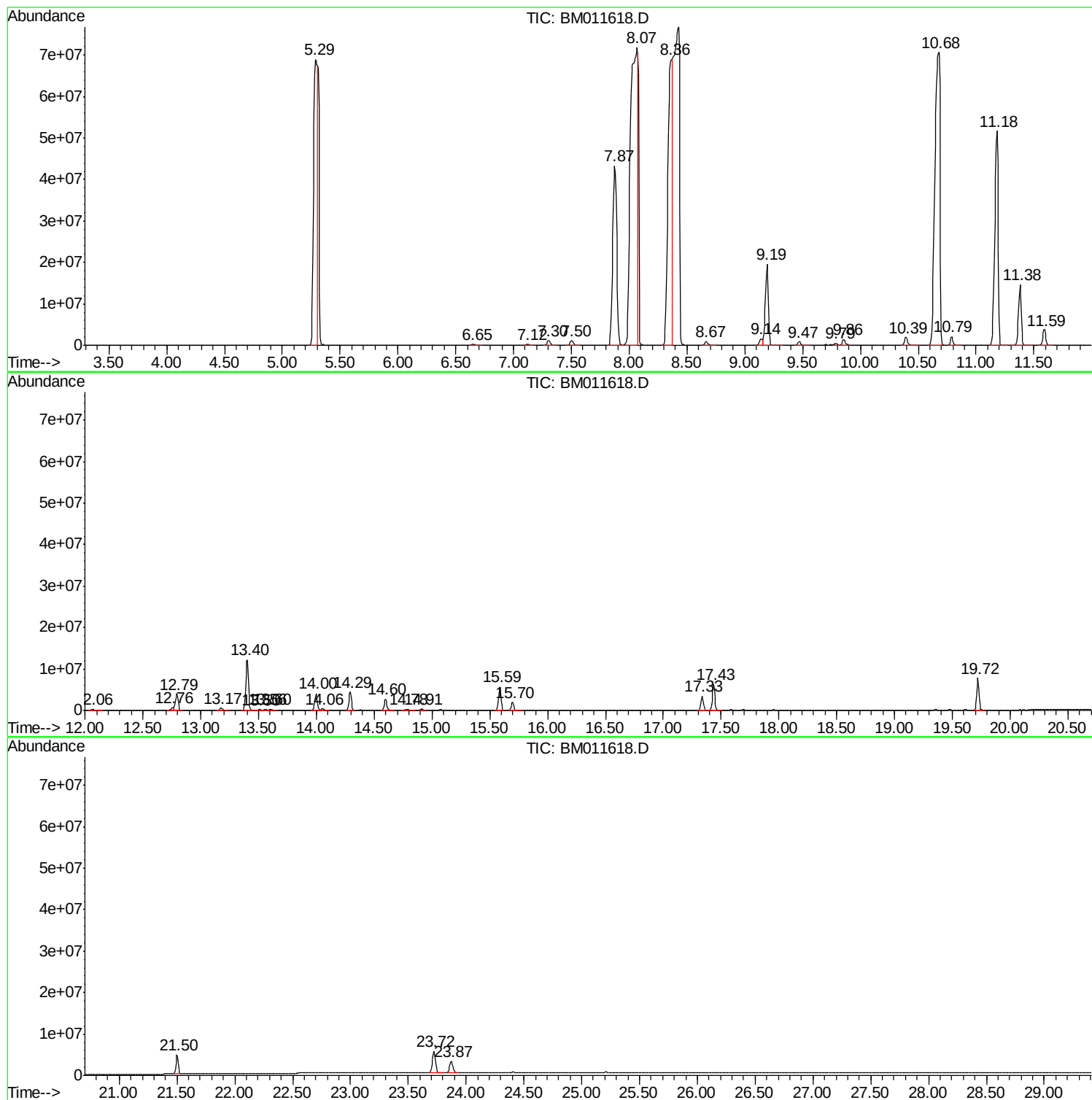
Sum of corrected areas: 1265888426

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

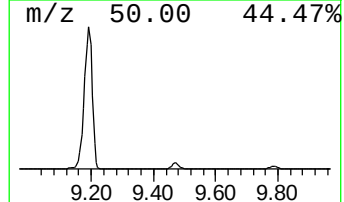
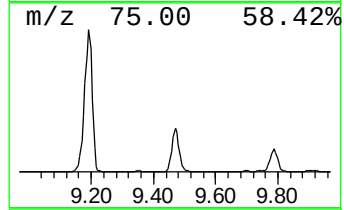
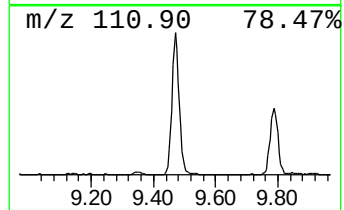
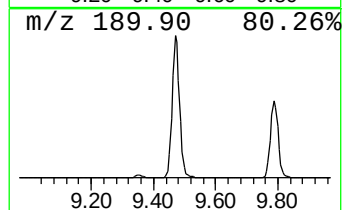
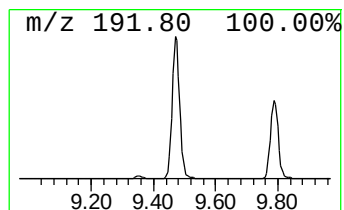
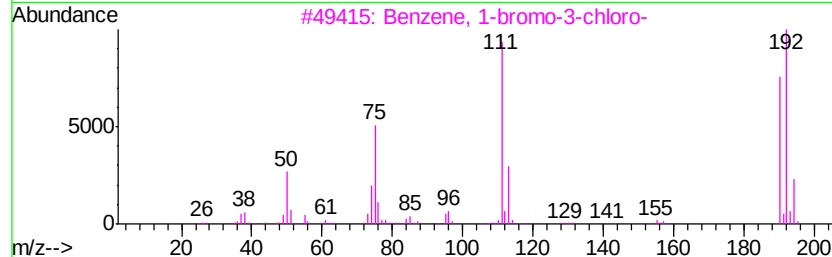
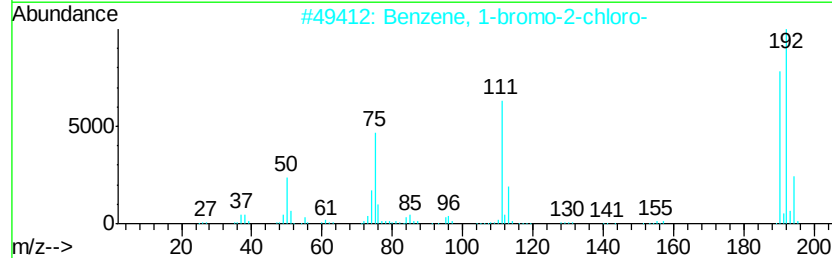
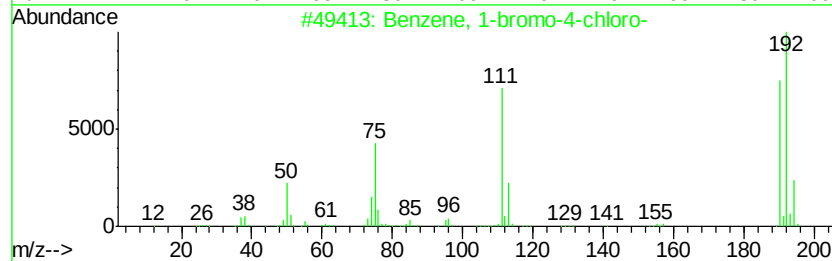
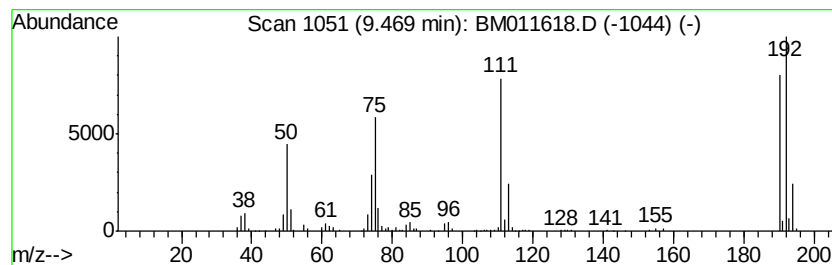
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	8.62 ng/ul	1430020	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

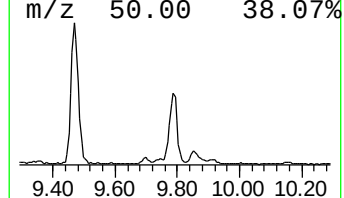
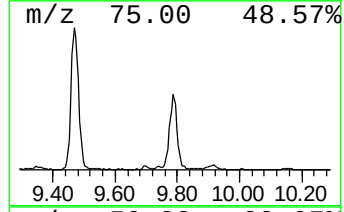
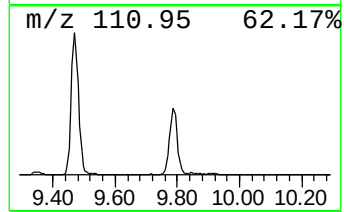
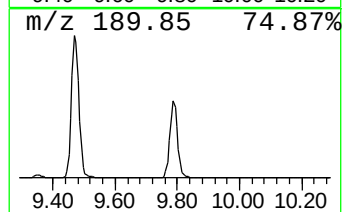
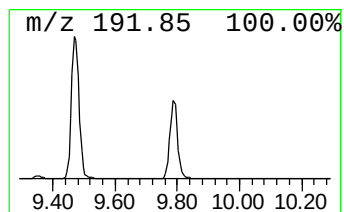
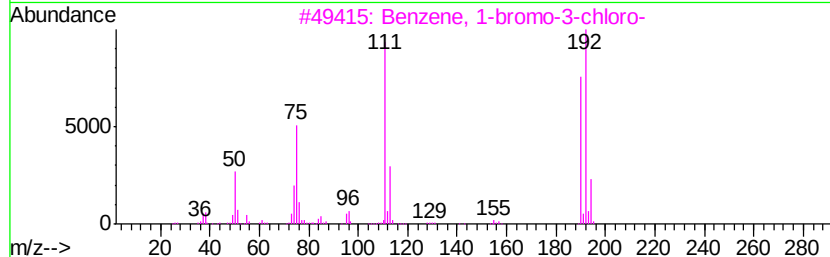
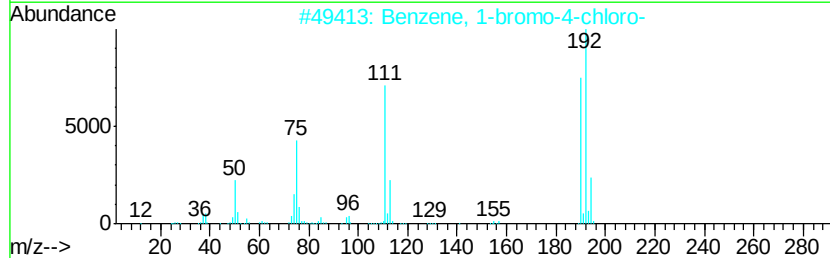
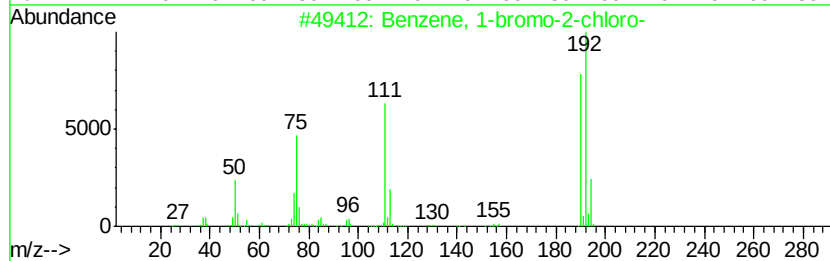
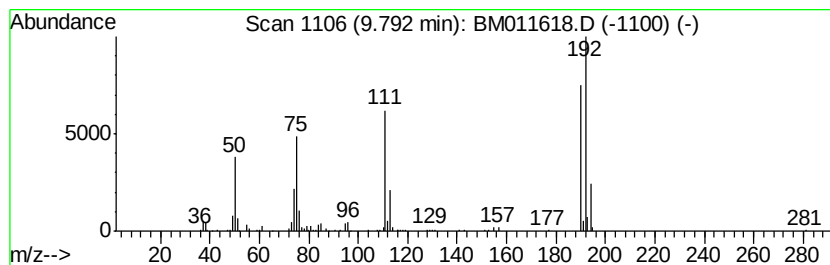
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.49 ng/ul	745120	Napthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

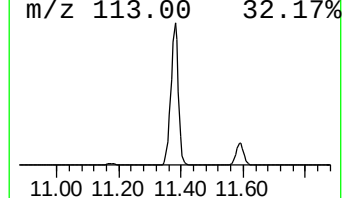
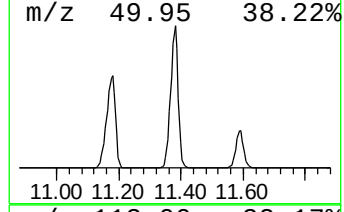
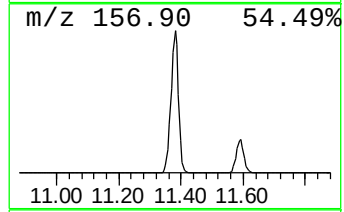
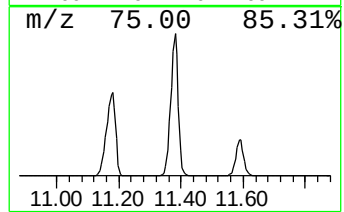
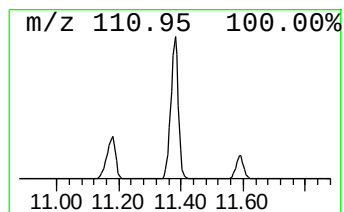
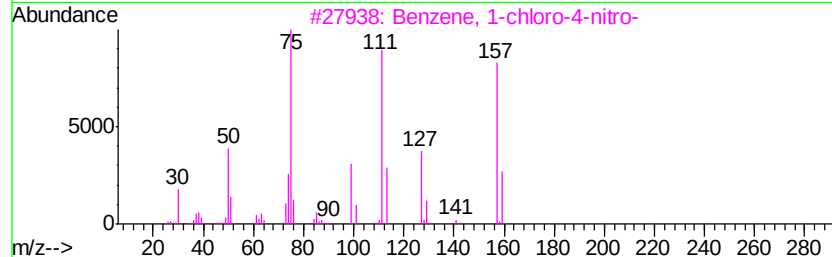
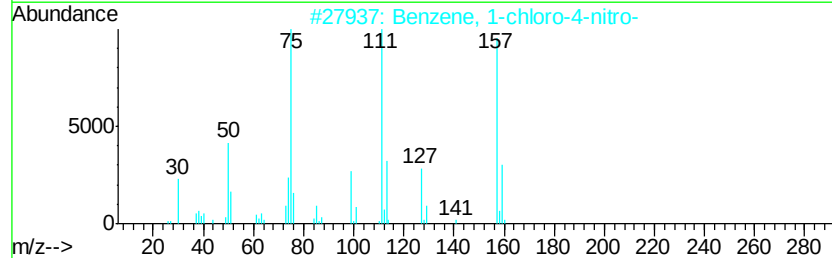
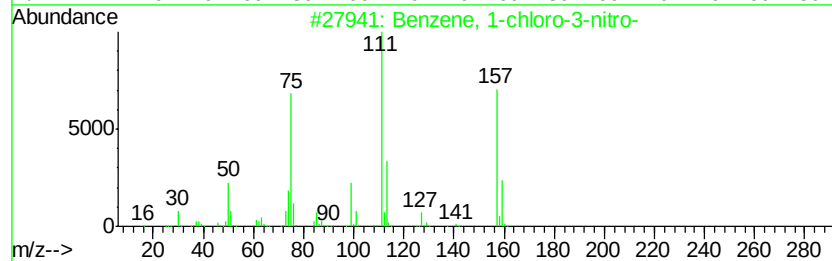
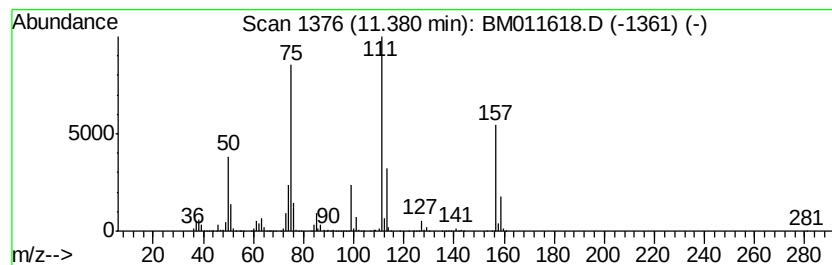
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	149.57 ng/ul	24808200	Napthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
5		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

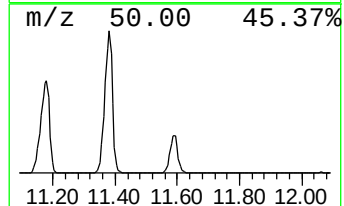
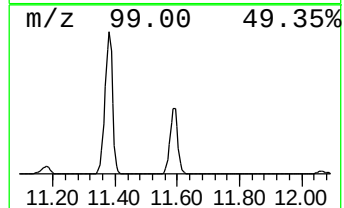
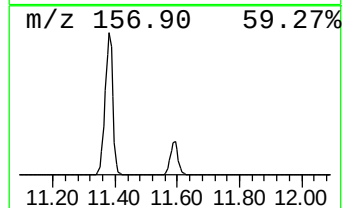
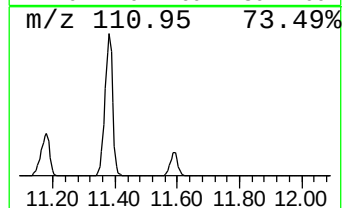
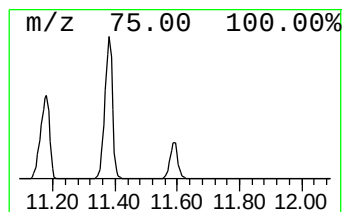
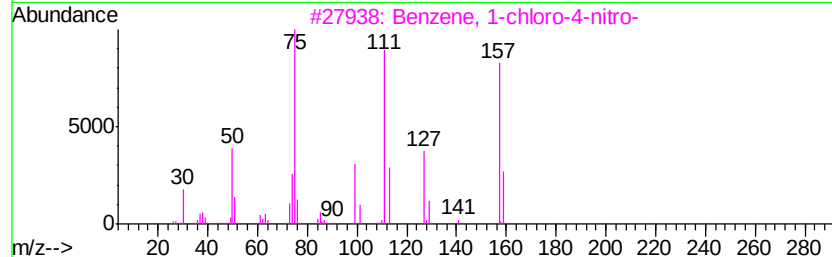
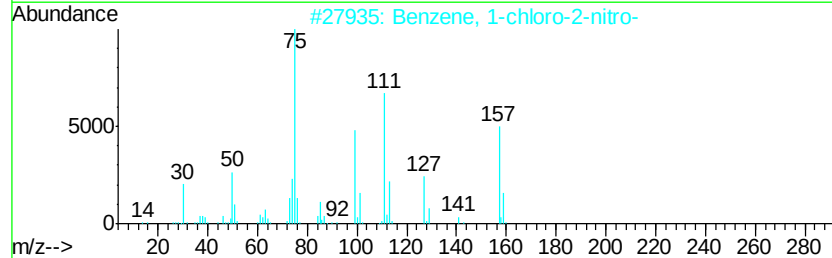
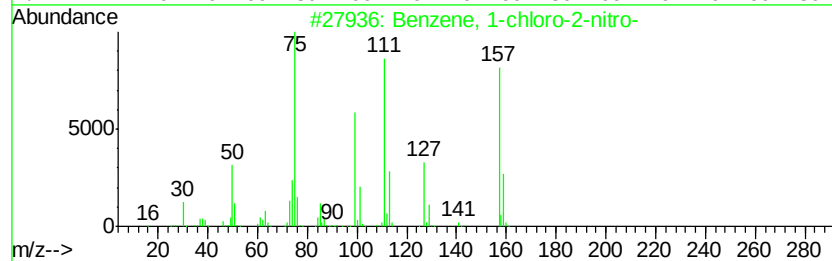
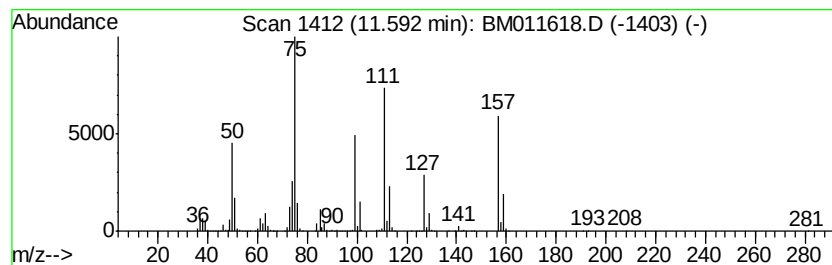
Instrument :
BNA_M
ClientSampleId :
C0AJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	39.46 ng/ul	6545060	Napthalene-d8	10.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	97
4	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	97
5	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

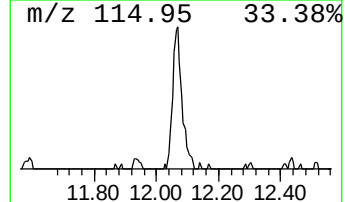
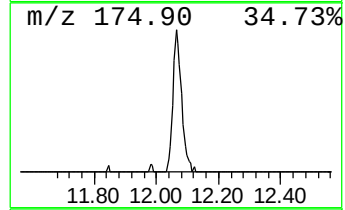
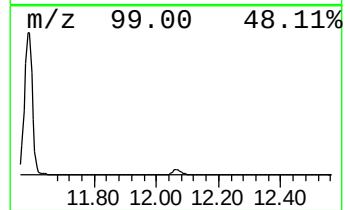
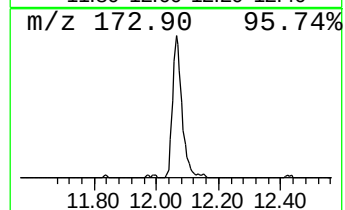
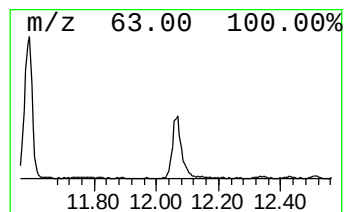
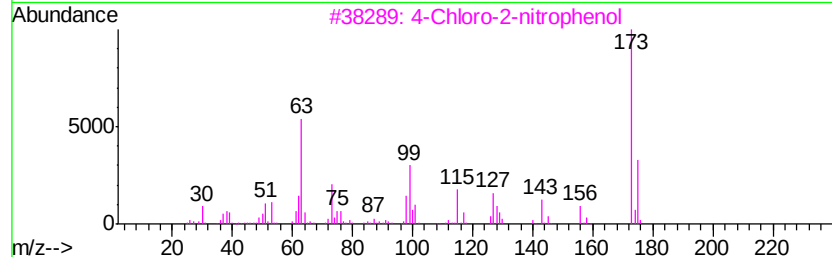
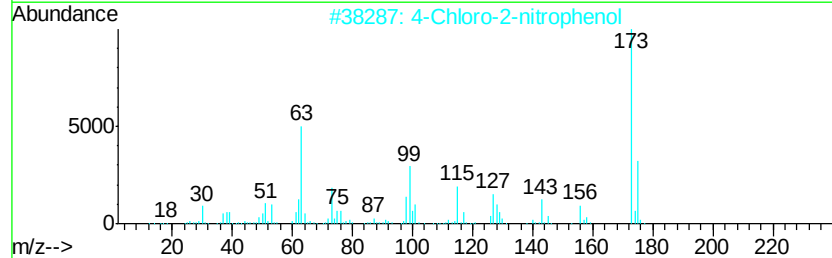
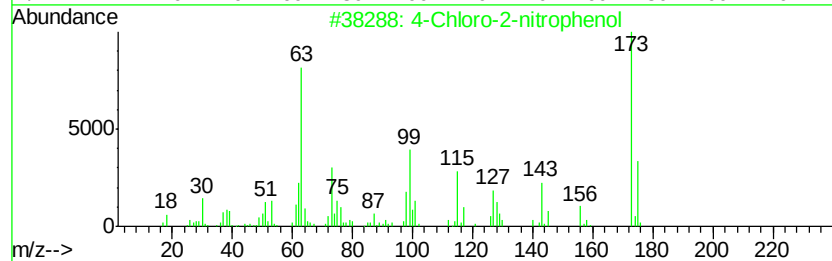
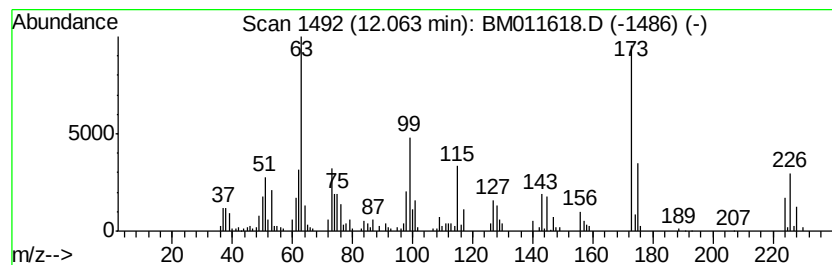
Instrument :
BNA_M
ClientSampleId :
C0AJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 4-Chloro-2-nitrophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.06	3.20 ng/ul	530346	Napthalene-d8	10.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	87
4		Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	80
5		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

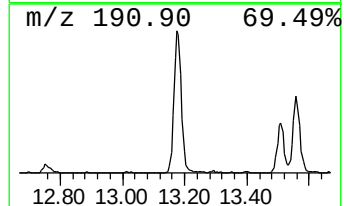
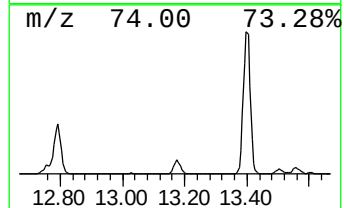
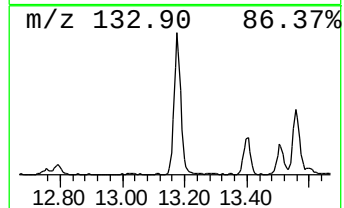
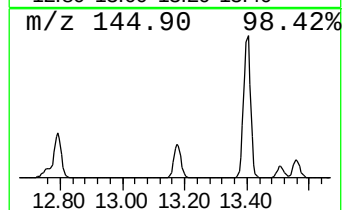
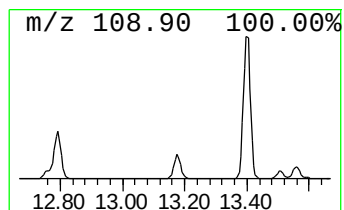
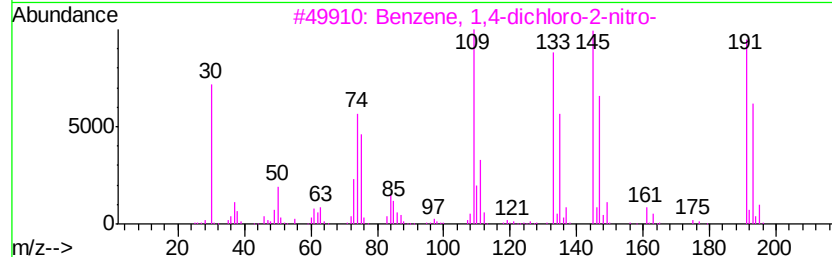
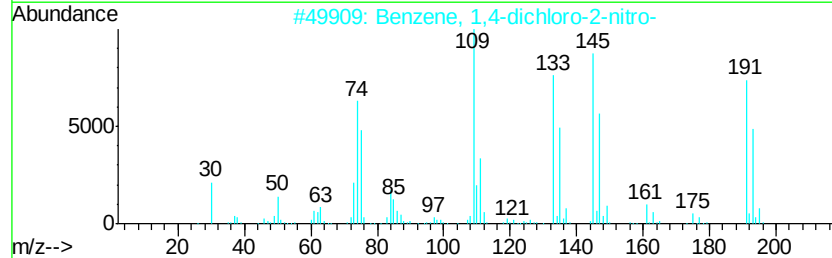
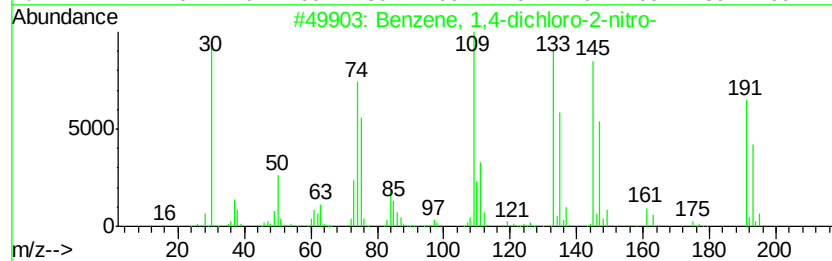
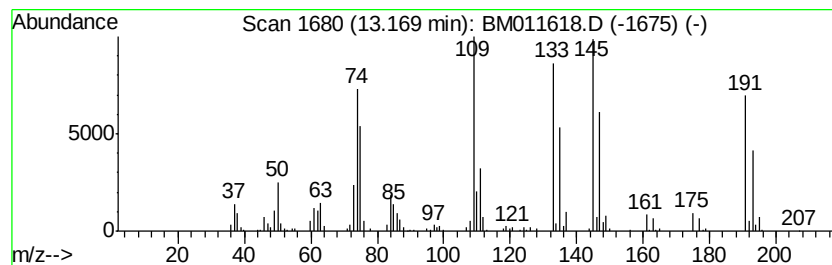
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1,4-dichloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.47 ng/ul	987149	Acenaphthene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
2		Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
3		Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	98
4		Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	93
5		Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

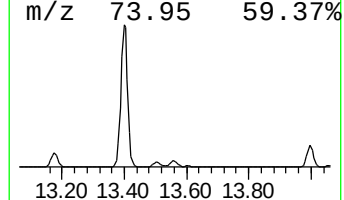
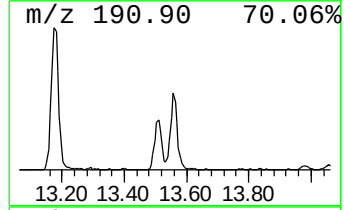
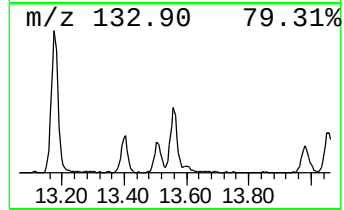
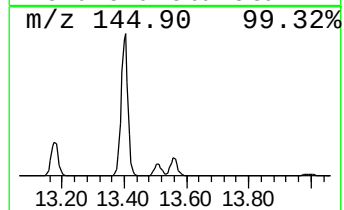
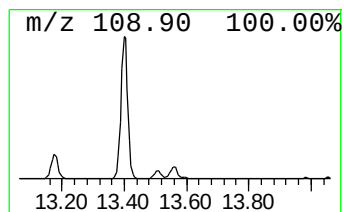
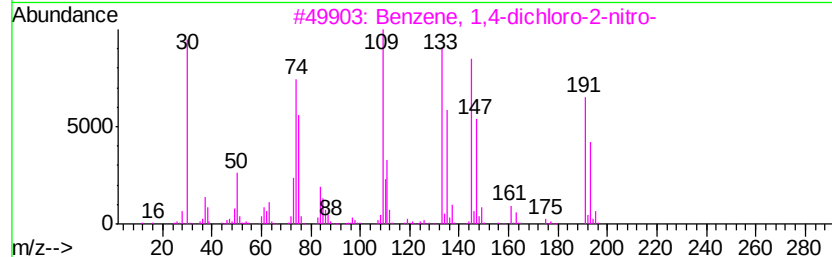
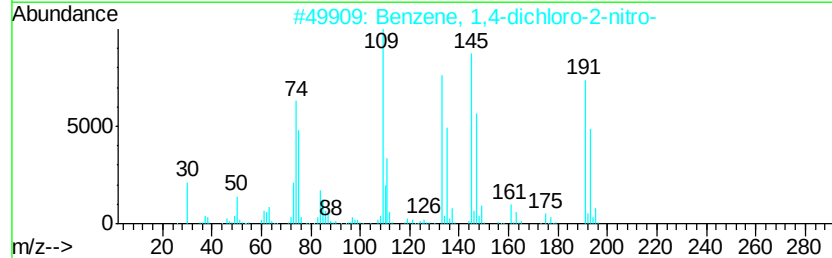
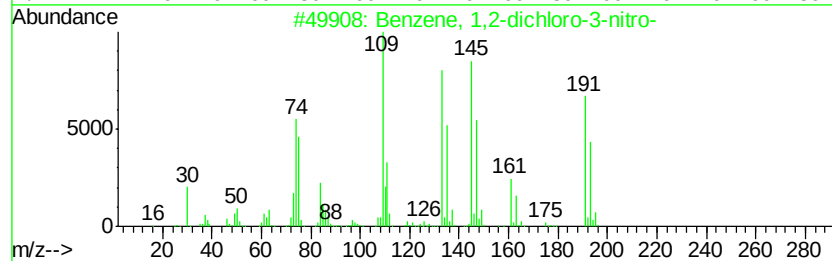
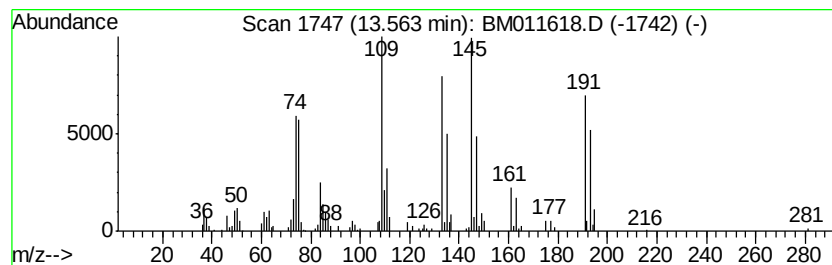
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1,2-dichloro-3-nitro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.11 ng/ul	466499	Acenaphthene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	99
2		Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
3		Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
4		Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	98
5		Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

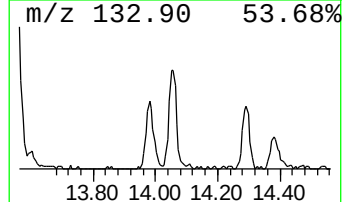
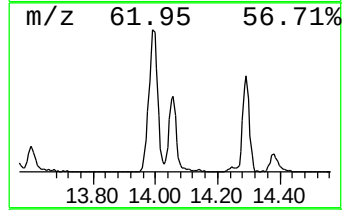
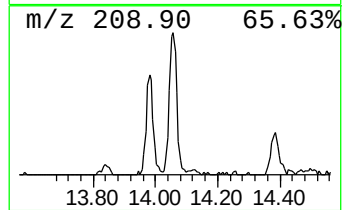
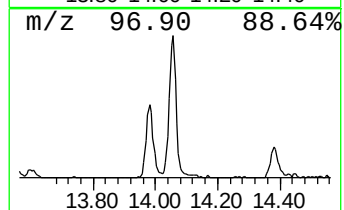
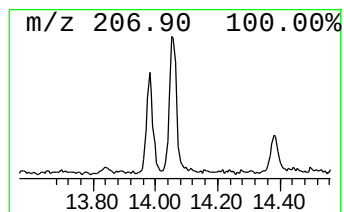
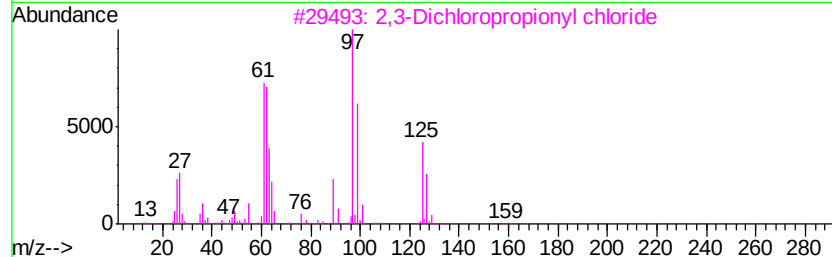
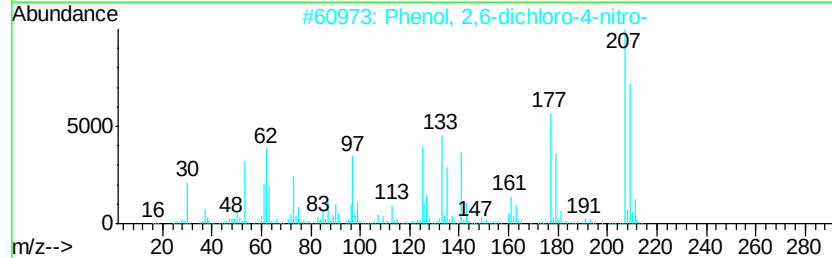
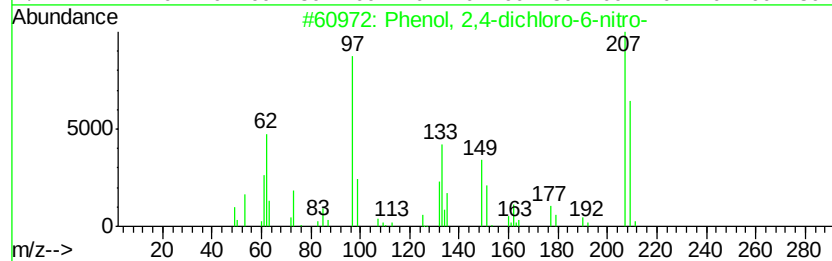
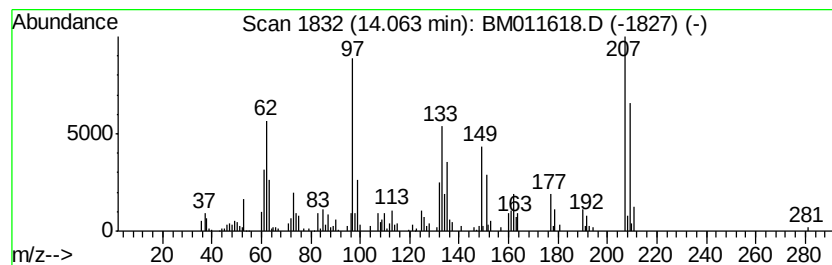
Instrument :
BNA_M
ClientSampleId :
C0AJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenol, 2,4-dichloro-6-nitro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.52 ng/ul	557182	Acenaphthene-d10	14.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2,4-dichloro-6-nitro-	207	C6H3Cl2NO3	000609-89-2 96
2	Phenol, 2,6-dichloro-4-nitro-	207	C6H3Cl2NO3	000618-80-4 86
3	2,3-Dichloropropionyl chloride	160	C3H3Cl3O	007623-13-4 25
4	Propanoic acid, 2,2-dichloro-	142	C3H4Cl2O2	000075-99-0 12
5	4-Bromo-3-chloroaniline	205	C6H5BrClN	021402-26-6 11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011618.D
Acq On : 19 Sep 2017 23:28
Operator : SJ/JU
Sample : I5271-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA 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
Benzene, 1-bromo-...	9.47	8.6	ng/ul	1430020	2	10.79	3317380	20.0
Benzene, 1-bromo-...	9.79	4.5	ng/ul	745120	2	10.79	3317380	20.0
Benzene, 1-chloro...	11.38	149.6	ng/ul	24808200	2	10.79	3317380	20.0
Benzene, 1-chloro...	11.59	39.5	ng/ul	6545060	2	10.79	3317380	20.0
4-Chloro-2-nitrop...	12.06	3.2	ng/ul	530346	2	10.79	3317380	20.0
Benzene, 1,4-dich...	13.17	4.5	ng/ul	987149	3	14.60	4419920	20.0
Benzene, 1,2-dich...	13.56	2.1	ng/ul	466499	3	14.60	4419920	20.0
Phenol, 2,4-dichl...	14.06	2.5	ng/ul	557182	3	14.60	4419920	20.0