

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012715.D
 Acq On : 04 Nov 2017 19:44
 Operator : SJ/JU
 Sample : I6198-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0235

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BM110417MA.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	5.146	344	350	362	rVB	509780	744953	11.72%	1.560%
2	6.981	653	662	673	rBB	84042	136363	2.15%	0.286%
3	7.146	684	690	702	rBB	293885	445106	7.00%	0.932%
4	7.346	717	724	734	rBB	340945	530161	8.34%	1.110%
5	7.699	779	784	791	rBB	57971	86810	1.37%	0.182%
6	7.810	797	803	805	rBV	287565	417849	6.58%	0.875%
7	7.846	805	809	817	rVB	735690	1133250	17.83%	2.373%
8	8.163	856	863	873	rBB	1523686	2410271	37.93%	5.048%
9	8.522	917	924	934	rVB	257158	420732	6.62%	0.881%
10	8.975	993	1001	1003	rBV	328213	601805	9.47%	1.260%
11	9.028	1003	1010	1020	rVB	3423460	5978284	94.08%	12.520%
12	9.687	1116	1122	1133	rBV2	341502	642868	10.12%	1.346%
13	10.222	1207	1213	1222	rBV	490447	828070	13.03%	1.734%
14	10.463	1247	1254	1263	rBV	481690	800343	12.59%	1.676%
15	10.604	1270	1278	1285	rBV	384089	636911	10.02%	1.334%
16	10.987	1336	1343	1350	rVB	324934	523892	8.24%	1.097%
17	11.210	1371	1381	1388	rBV	3448119	5813112	91.48%	12.174%
18	11.416	1409	1416	1427	rBB	648068	1073295	16.89%	2.248%
19	11.898	1492	1498	1506	rBB2	51467	88765	1.40%	0.186%
20	12.581	1609	1614	1620	rBV	119699	177735	2.80%	0.372%
21	12.863	1656	1662	1669	rBB2	39496	77617	1.22%	0.163%
22	13.022	1684	1689	1694	rBB	66517	92356	1.45%	0.193%
23	13.245	1721	1727	1734	rBB	161187	266246	4.19%	0.558%
24	13.857	1823	1831	1837	rBV	1126376	1617984	25.46%	3.389%
25	13.910	1837	1840	1846	rVB2	50962	66770	1.05%	0.140%
26	14.139	1873	1879	1886	rBV	781290	1082739	17.04%	2.268%
27	14.445	1925	1931	1937	rBV2	575204	883787	13.91%	1.851%
28	14.651	1962	1966	1980	rVB2	82199	137043	2.16%	0.287%
29	15.439	2094	2100	2108	rBV	1419784	2055545	32.35%	4.305%
30	15.563	2116	2121	2128	rBV	494529	677102	10.66%	1.418%
31	17.192	2390	2398	2404	rBV	824643	1124023	17.69%	2.354%
32	17.292	2408	2415	2427	rVV	1499032	2089462	32.88%	4.376%
33	18.569	2626	2632	2640	rVB	4597464	6354610	100.00%	13.308%
34	18.639	2640	2644	2648	rVV2	74263	96594	1.52%	0.202%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 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-BM110417MA.M
Title : SVOA CALIBRATION

35	18.686	2648	2652	2661	rVB	266847	375323	5.91%	0.786%
36	18.857	2676	2681	2684	rBV3	134223	209956	3.30%	0.440%
37	18.892	2684	2687	2691	rVV	283736	382005	6.01%	0.800%
38	18.939	2691	2695	2702	rVB3	117636	179679	2.83%	0.376%
39	19.580	2798	2804	2811	rBV	1617566	2238670	35.23%	4.688%
40	21.368	3103	3108	3114	rBV	993046	1228456	19.33%	2.573%
41	23.509	3465	3472	3484	rVB2	1037520	2034565	32.02%	4.261%
42	23.651	3490	3496	3508	rVB2	515109	988090	15.55%	2.069%

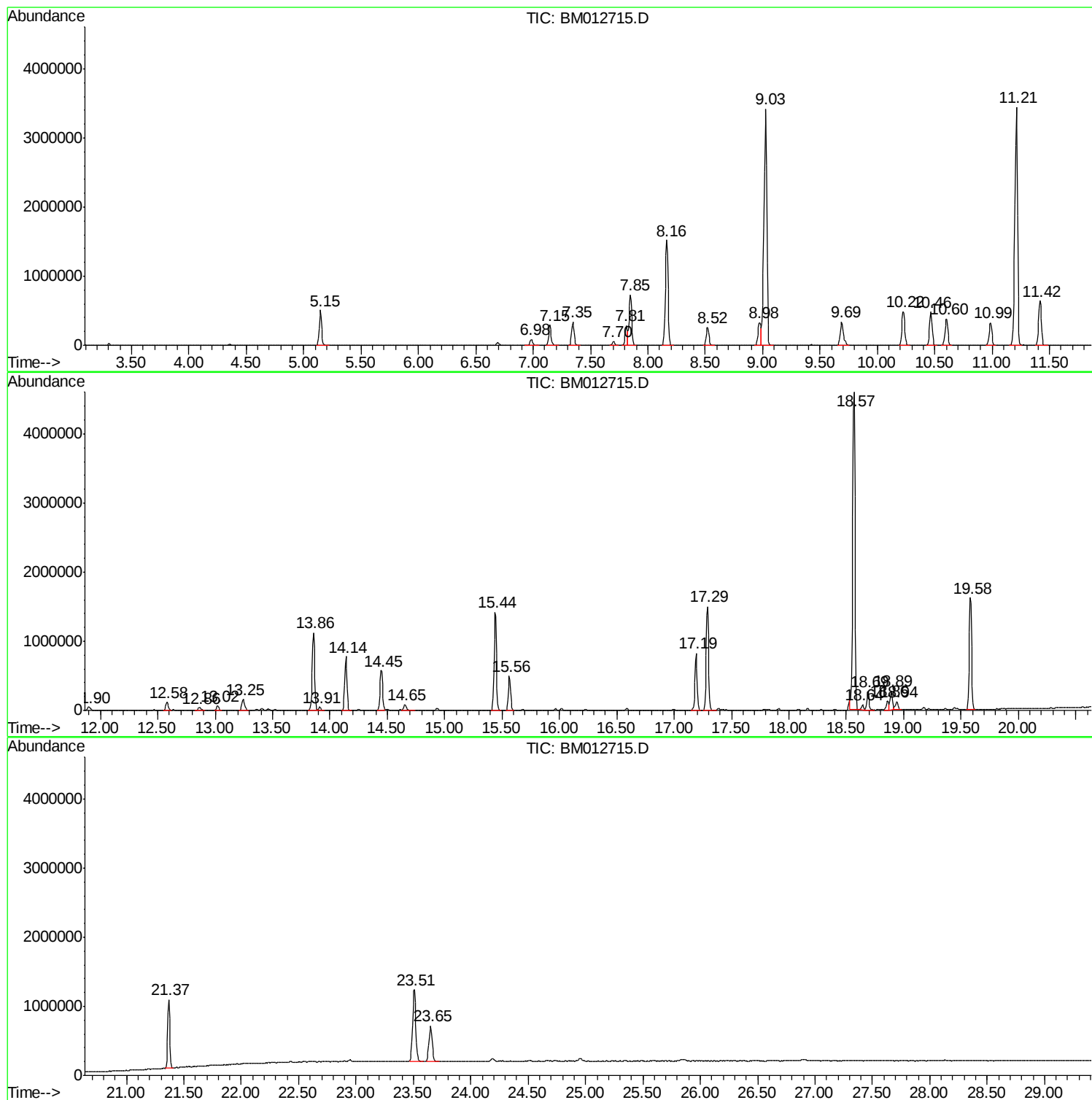
Sum of corrected areas: 47749197

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

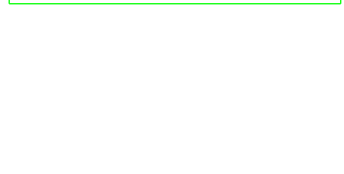
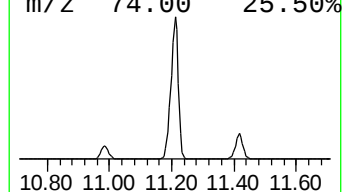
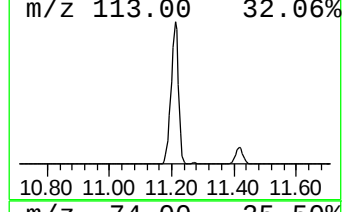
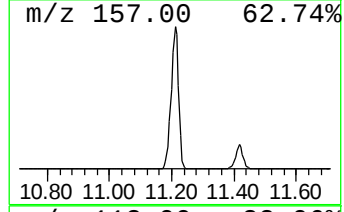
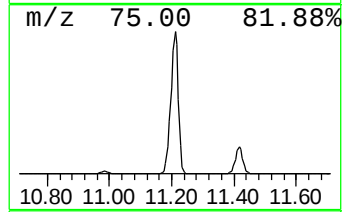
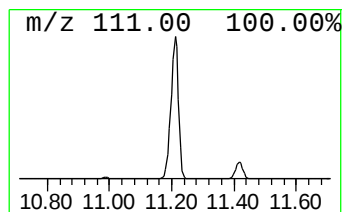
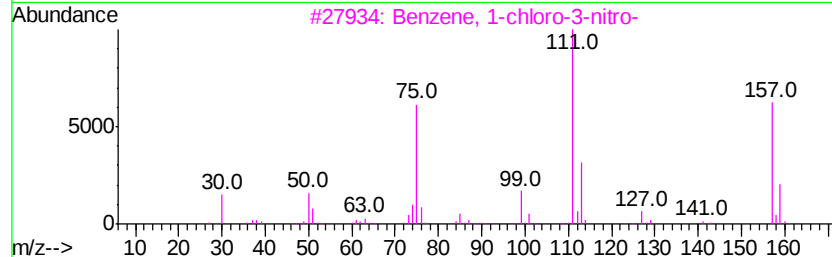
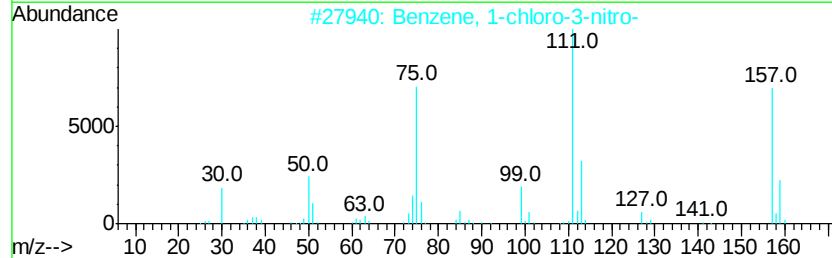
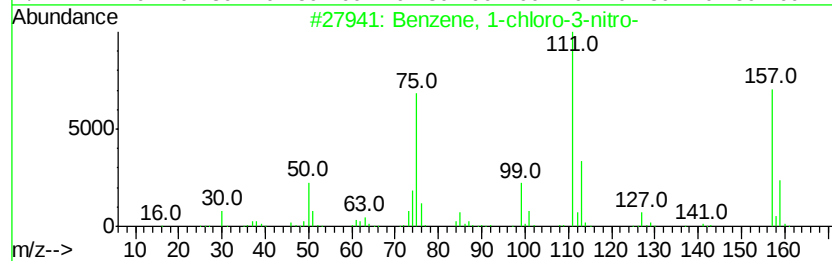
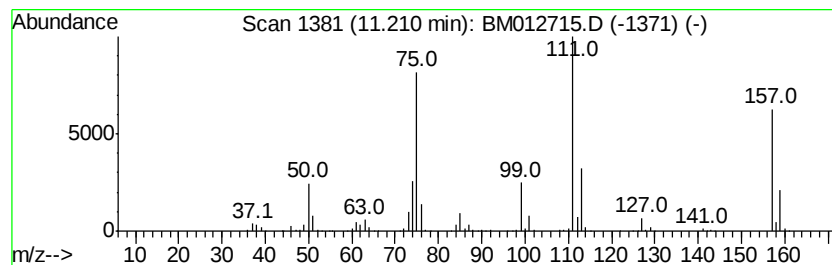
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	182.54 ng/ul	5813110	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

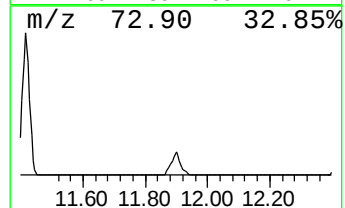
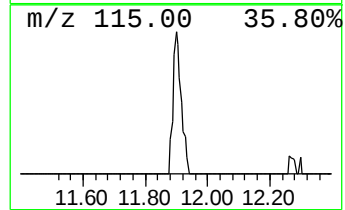
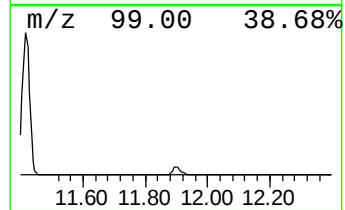
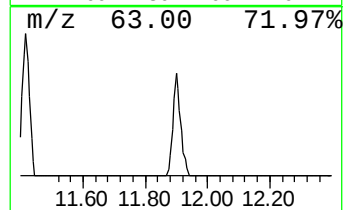
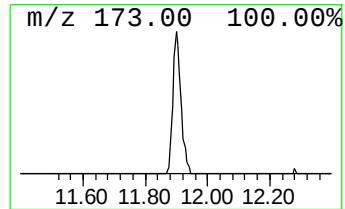
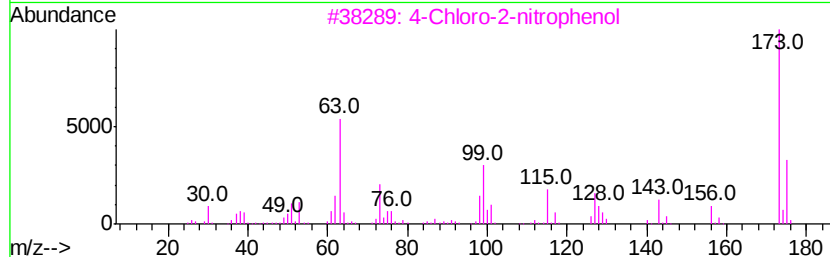
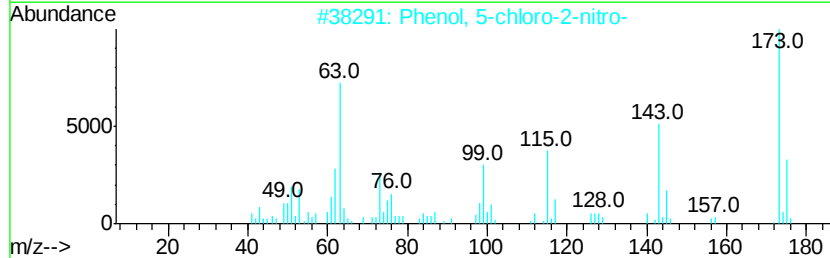
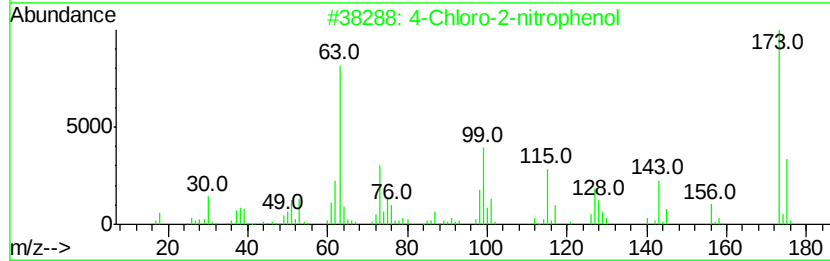
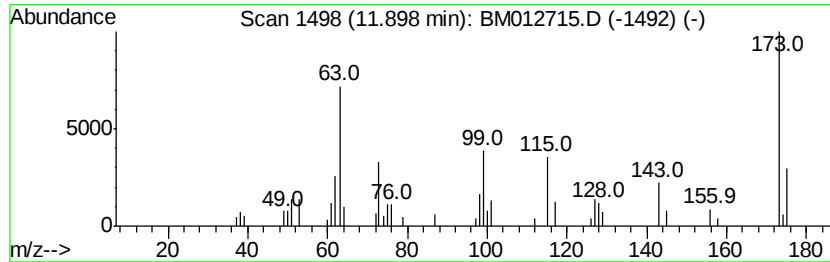
Instrument :
BNA_M
ClientSampled :
C0235

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 4-Chloro-2-nitrophenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.90	2.79 ng/ul	88765	Naphthalene-d8		10.60	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	90
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	81
4		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	81
5		Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

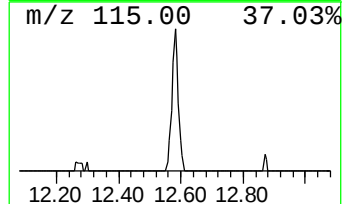
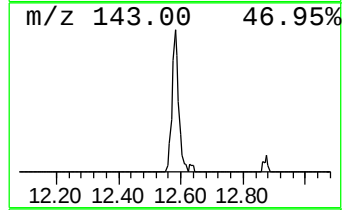
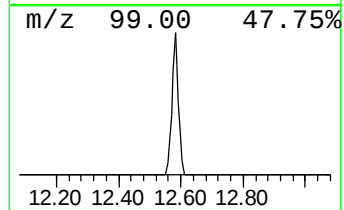
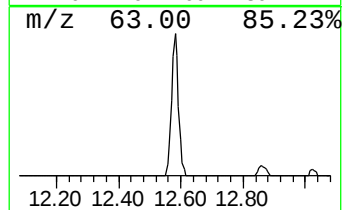
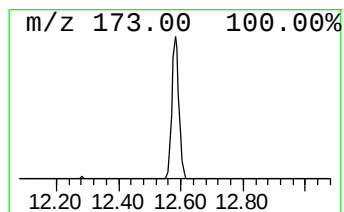
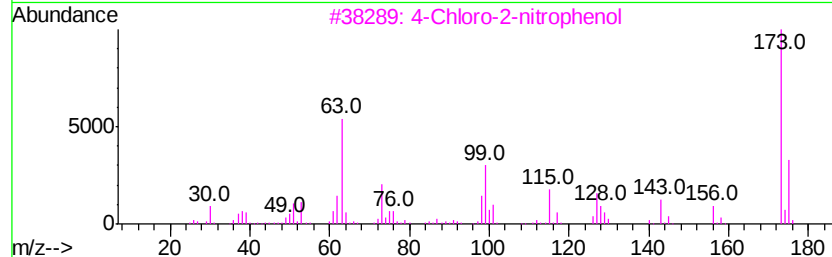
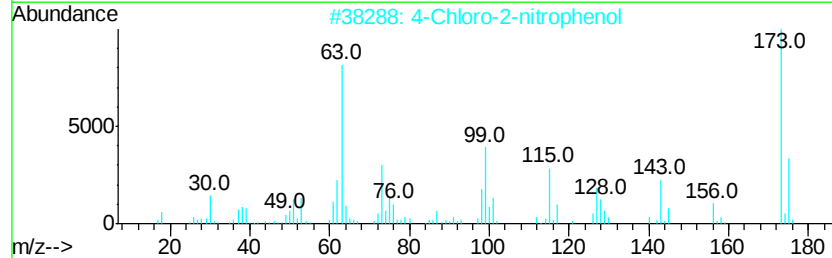
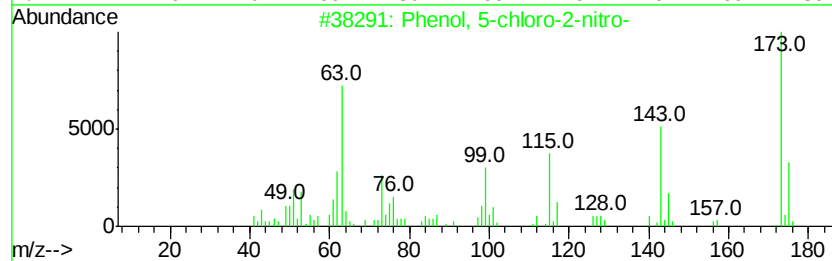
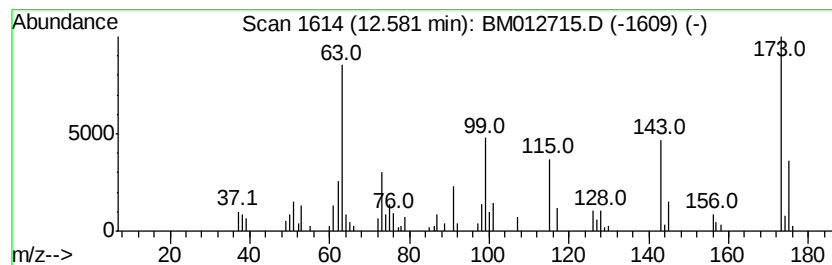
Instrument :
BNA_M
ClientSampleId :
C0235

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenol, 5-chloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.58	4.02 ng/ul	177735	Acenaphthene-d10		14.45	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 5-chloro-2-nitro-		173	C6H4ClNO3	000611-07-4	94
2	4-Chloro-2-nitrophenol		173	C6H4ClNO3	000089-64-5	93
3	4-Chloro-2-nitrophenol		173	C6H4ClNO3	000089-64-5	72
4	Phenol, 2-chloro-4-nitro-		173	C6H4ClNO3	000619-08-9	56
5	3-Chloro-6-diazocyclohexa-2,4-di...		154	C6H3ClN2O	080090-95-5	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

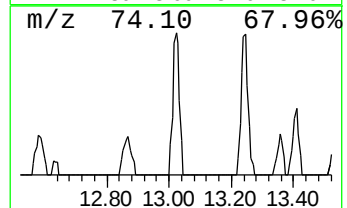
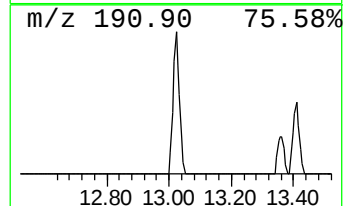
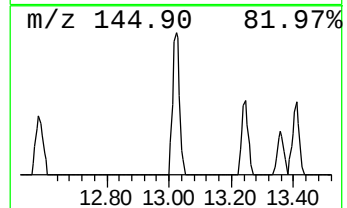
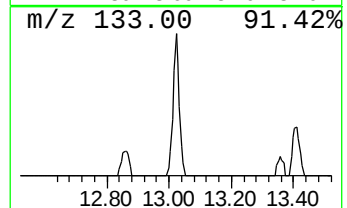
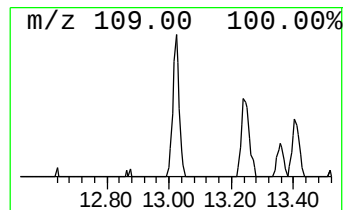
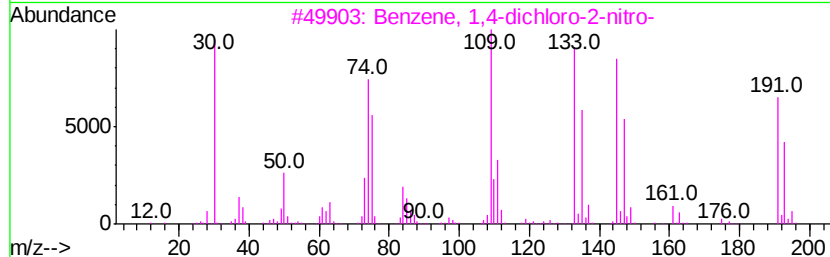
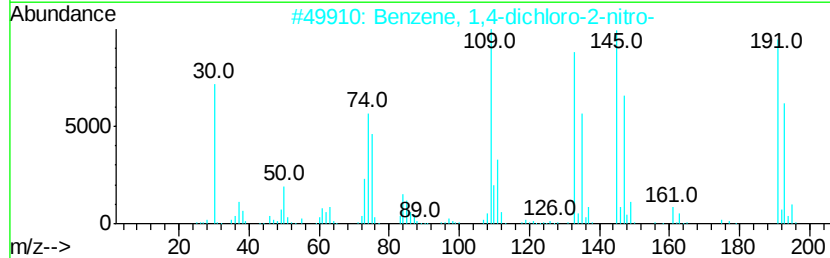
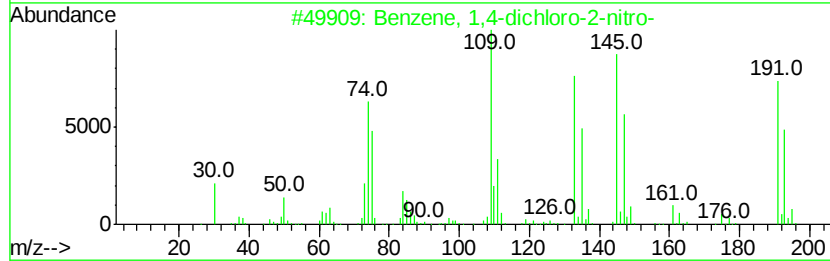
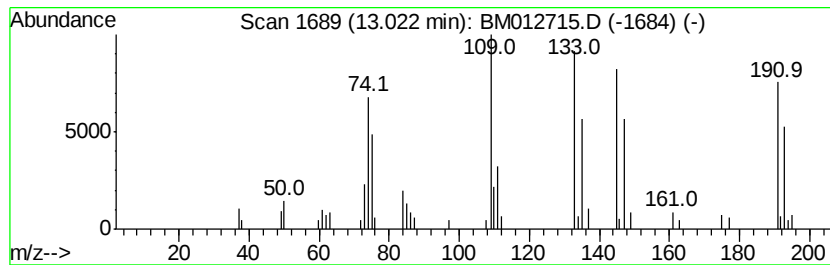
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1,4-dichloro-2-nitro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.09 ng/ul	92356	Acenaphthene-d10	14.45

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	95
4		Benzene, 2,4-dichloro-1-nitro-	191	C6H3Cl2NO2	000611-06-3	95
5		Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

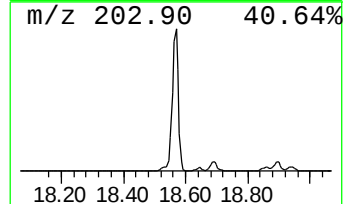
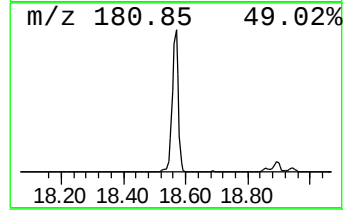
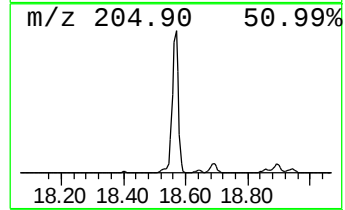
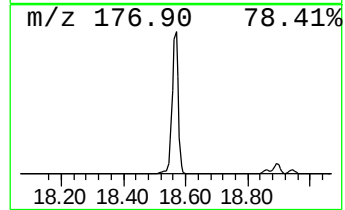
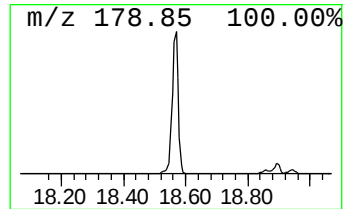
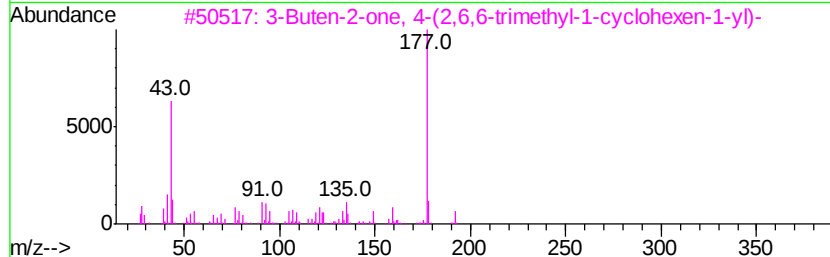
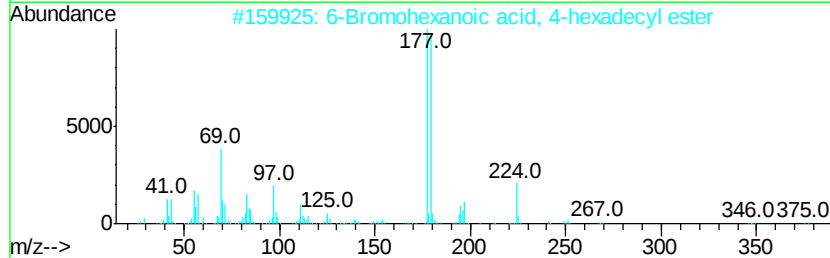
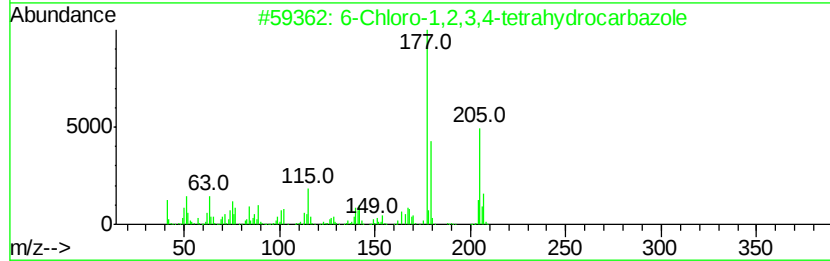
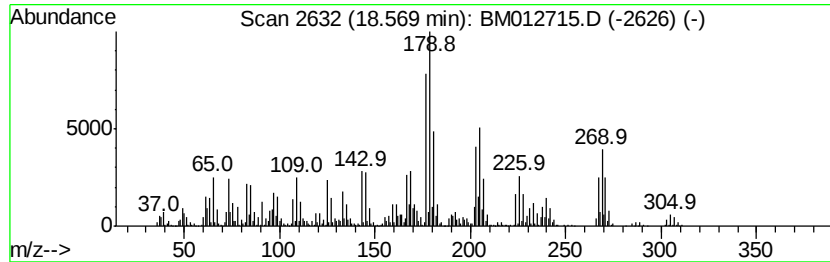
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	113.07 ng/ul	6354610	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2		6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	27
3		3-Buten-2-one, 4-(2,6,6-trimethv...	192	C13H20O	014901-07-6	25
4		4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	15
5		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	15



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

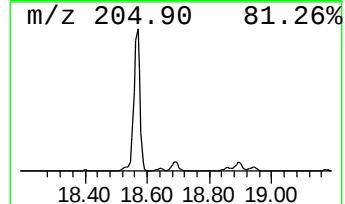
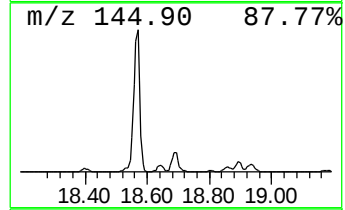
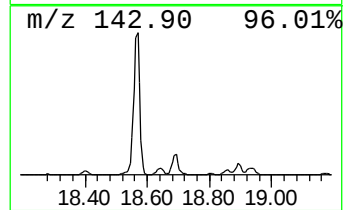
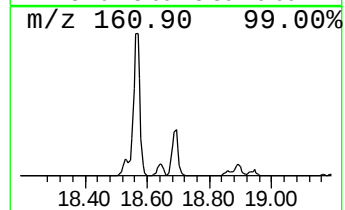
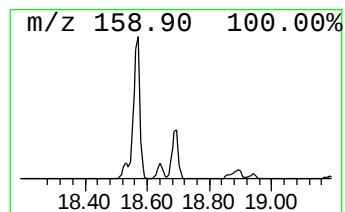
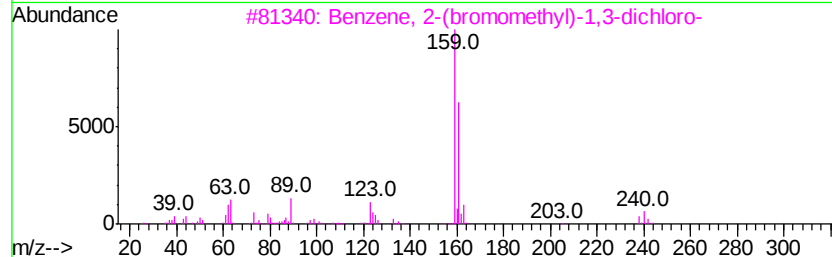
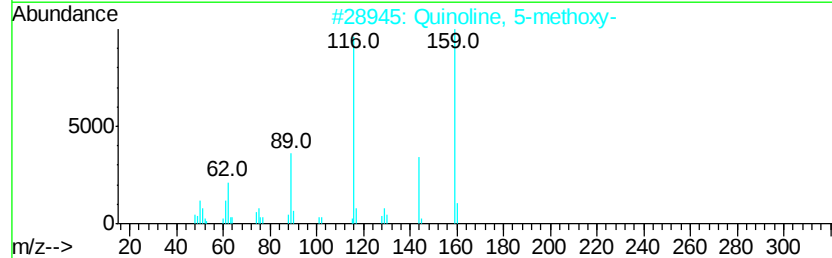
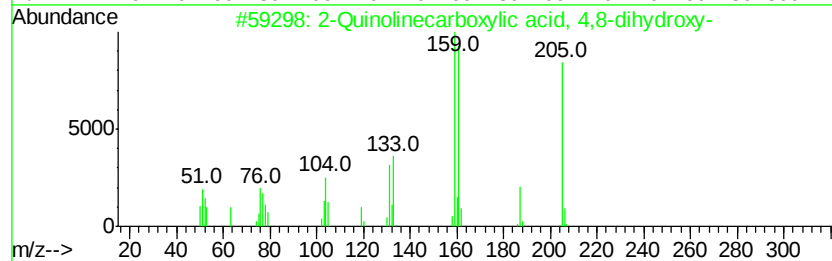
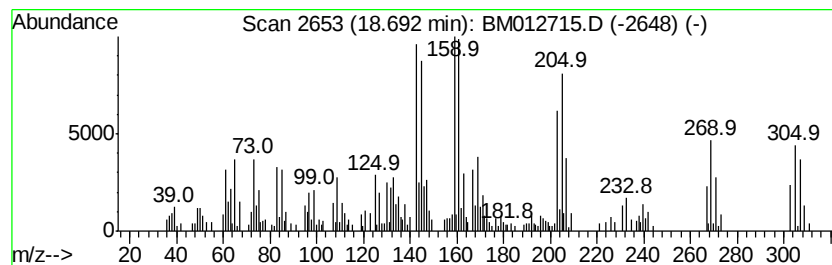
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	6.68 ng/ul	375323	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Quinolinecarboxylic acid, 4,8-...	205	C10H7NO4	000059-00-7	20
2			Quinoline, 5-methoxy-	159	C10H9NO	006931-19-7	11
3			Benzene, 2-(bromomethyl)-1,3-dic...	238	C7H5BrCl2	020443-98-5	10
4			1-Propene, 1,2,3,3-tetrachloro-	178	C3H2Cl4	020589-85-9	10
5			Indole-2-carboxylic acid	161	C9H7NO2	001477-50-5	10



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

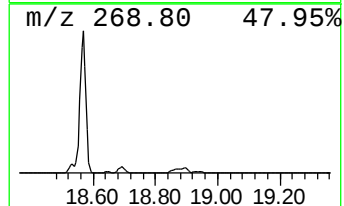
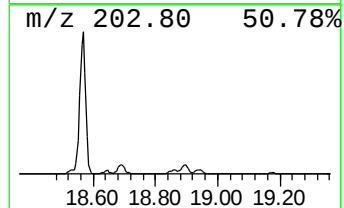
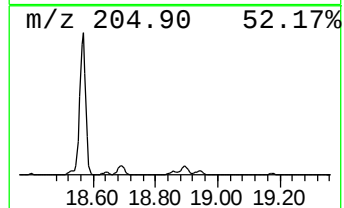
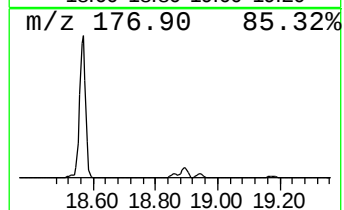
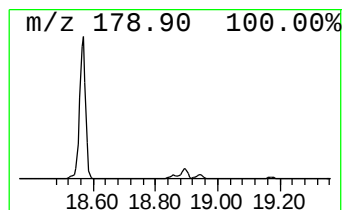
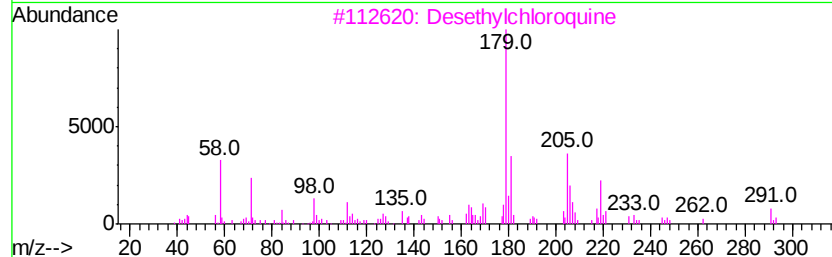
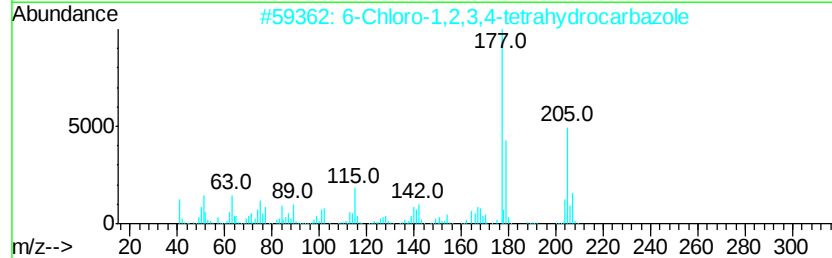
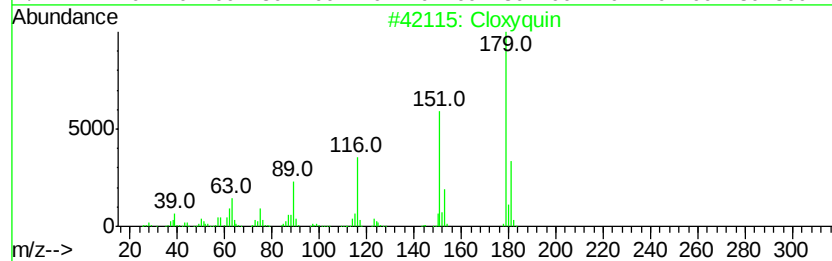
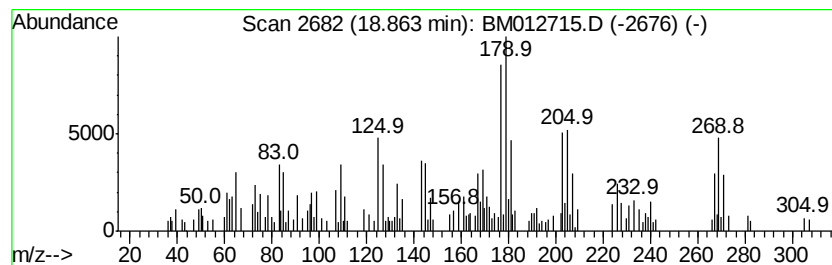
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.74 ng/ul	209956	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cloxyquin	179	C9H6ClNO	000130-16-5	30
2			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
3			Desethylchloroquine	291	C16H22ClN3	001476-52-4	22
4			4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	18
5			Germanium tetrachloride	214	Cl4Ge	010038-98-9	16



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

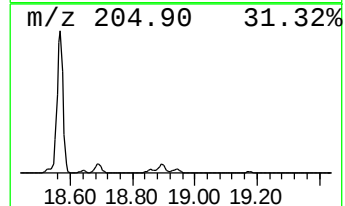
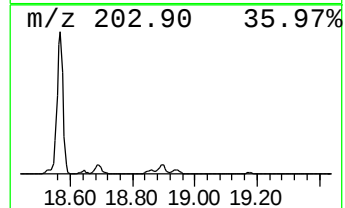
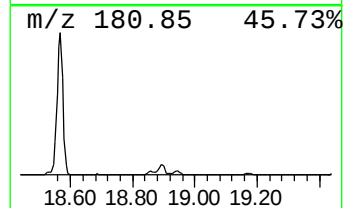
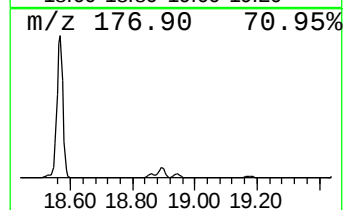
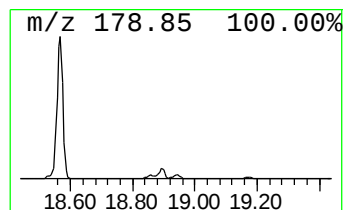
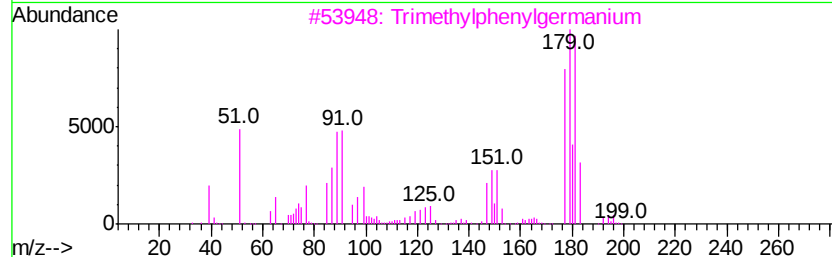
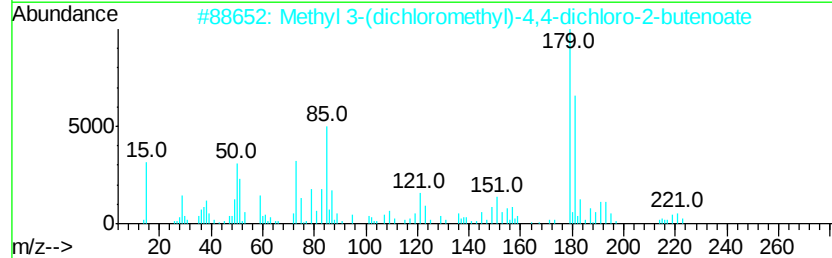
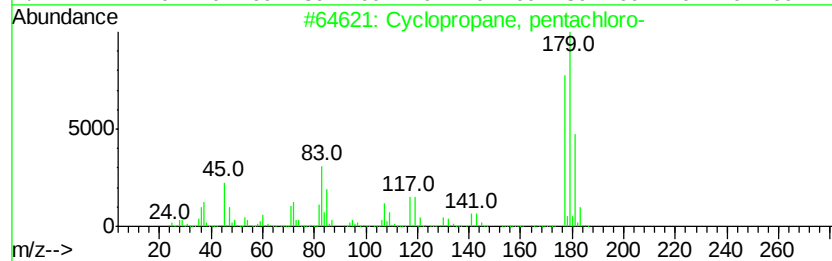
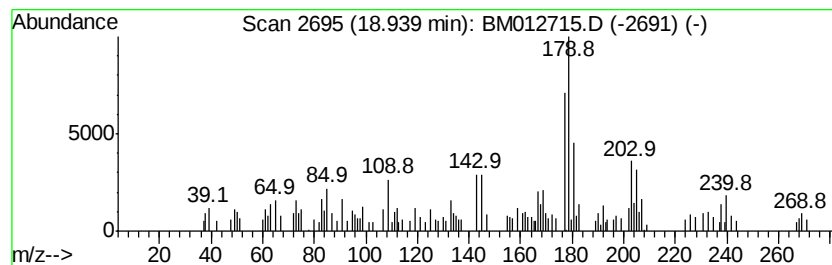
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.20 ng/ul	179679	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	38
2			Methyl 3-(dichloromethyl)-4,4-di...	250	C6H6Cl4O2	097055-33-9	25
3			Trimethylphenylgermanium	196	C9H14Ge	001626-00-2	25
4			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	22
5			2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	18



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM110417\
Data File : BM012715.D
Acq On : 04 Nov 2017 19:44
Operator : SJ/JU
Sample : I6198-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0235

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.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-chloro...	11.21	182.5	ng/ul	5813110	2	10.60	636911	20.0
4-Chloro-2-nitrop...	11.90	2.8	ng/ul	88765	2	10.60	636911	20.0
Phenol, 5-chloro-...	12.58	4.0	ng/ul	177735	3	14.45	883787	20.0
Benzene, 1,4-dich...	13.02	2.1	ng/ul	92356	3	14.45	883787	20.0
unknown-01	18.57	113.1	ng/ul	6354610	4	17.19	1124020	20.0
unknown-02	18.69	6.7	ng/ul	375323	4	17.19	1124020	20.0
unknown-03	18.86	3.7	ng/ul	209956	4	17.19	1124020	20.0
unknown-04	18.94	3.2	ng/ul	179679	4	17.19	1124020	20.0