

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011583.D
 Acq On : 18 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5234-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

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	5.293	331	341	343	rBV3	70863689	155771049	43.29%	10.473%
2	6.057	466	471	488	rVB	713366	1229075	0.34%	0.083%
3	6.651	566	572	581	rBV	398768	670975	0.19%	0.045%
4	7.122	646	652	673	rVB2	448434	1245540	0.35%	0.084%
5	7.304	676	683	692	rBV	1755073	3026394	0.84%	0.203%
6	7.504	709	717	733	rBV2	1645066	3589986	1.00%	0.241%
7	7.881	769	781	792	rBV2	56303674	119530439	33.22%	8.036%
8	8.057	792	811	816	rBV6	71722937	288701261	80.24%	19.411%
9	8.398	849	869	874	rBV5	73789659	359809765	100.00%	24.191%
10	8.675	909	916	925	rBV	1154529	2139444	0.59%	0.144%
11	9.239	987	1012	1016	rBV3	57069928	178170178	49.52%	11.979%
12	9.475	1046	1052	1067	rVB	560036	976283	0.27%	0.066%
13	9.798	1101	1107	1112	rBV2	697540	1322535	0.37%	0.089%
14	9.857	1112	1117	1136	rVB	1728516	3249394	0.90%	0.218%
15	10.398	1201	1209	1216	rBV	2347898	4421426	1.23%	0.297%
16	10.463	1216	1220	1228	rVV	473492	840272	0.23%	0.056%
17	10.563	1228	1237	1242	rVV	316368	594210	0.17%	0.040%
18	10.663	1242	1254	1268	rVB3	61764409	130147463	36.17%	8.750%
19	10.786	1268	1275	1282	rBV	2308604	3707817	1.03%	0.249%
20	10.886	1287	1292	1309	rVB2	419692	1018891	0.28%	0.069%
21	11.175	1331	1341	1353	rBV	35504920	62102247	17.26%	4.175%
22	11.392	1367	1378	1395	rBV	29282006	55445577	15.41%	3.728%
23	11.598	1403	1413	1425	rBV	8918545	14610167	4.06%	0.982%
24	12.798	1612	1617	1626	rVB2	948764	1655295	0.46%	0.111%
25	13.180	1675	1682	1689	rBV	820879	1285494	0.36%	0.086%
26	13.404	1713	1720	1729	rBV	2932619	4749166	1.32%	0.319%
27	13.510	1732	1738	1742	rVV2	240617	396673	0.11%	0.027%
28	13.563	1742	1747	1750	rVV	374695	580733	0.16%	0.039%
29	13.604	1750	1754	1763	rVB	537050	839498	0.23%	0.056%
30	14.004	1814	1822	1828	rBV	4658965	6787624	1.89%	0.456%
31	14.292	1863	1871	1879	rVV	4948838	7590621	2.11%	0.510%
32	14.598	1916	1923	1937	rBV2	3195176	4944580	1.37%	0.332%
33	14.780	1946	1954	1965	rBV2	345546	693545	0.19%	0.047%
34	15.586	2084	2091	2098	rBV	6718623	9636235	2.68%	0.648%

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Integration Parameters: LSCINT.P

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Title : SVOA CALIBRATION

35	15.698	2103	2110	2125	rVV	2392597	3417153	0.95%	0.230%
36	17.339	2382	2389	2398	rBV2	3982843	5711657	1.59%	0.384%
37	17.439	2399	2406	2417	rVV	7433654	10526072	2.93%	0.708%
38	18.703	2613	2621	2627	rBV2	551824	782665	0.22%	0.053%
39	19.721	2788	2794	2803	rBV	9362521	12219737	3.40%	0.822%
40	21.503	3091	3097	3107	rBV	4803448	6485572	1.80%	0.436%
41	21.586	3108	3111	3115	rBV	354721	403426	0.11%	0.027%
42	23.721	3467	3474	3485	rVB2	5690920	10793015	3.00%	0.726%
43	23.874	3493	3500	3509	rVB	2802168	5526230	1.54%	0.372%

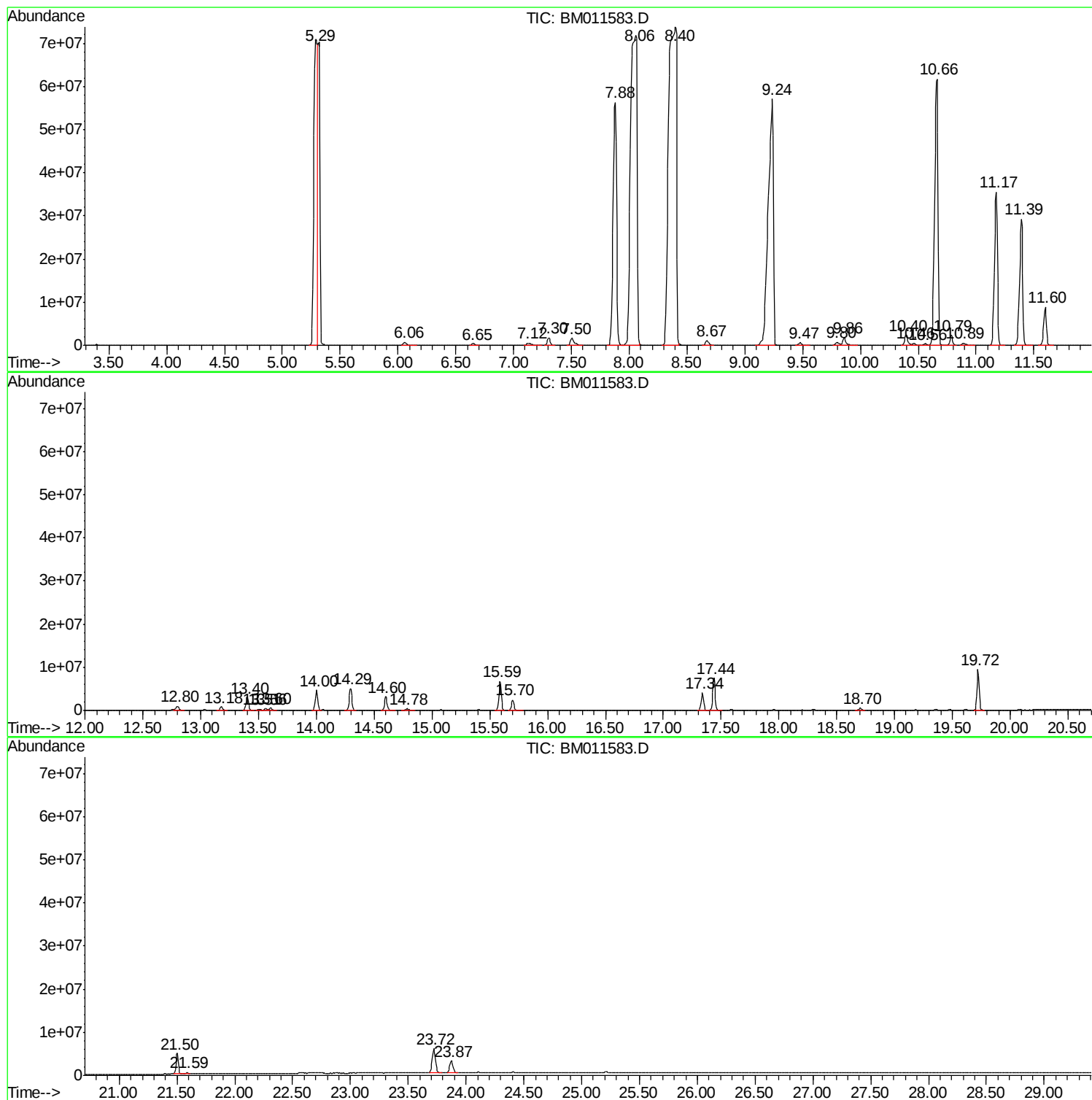
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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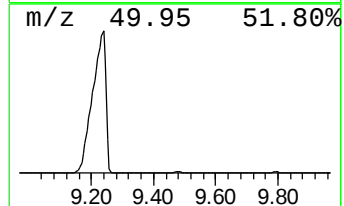
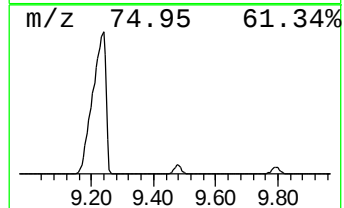
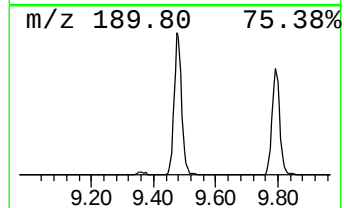
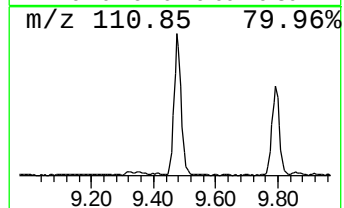
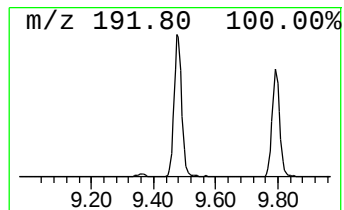
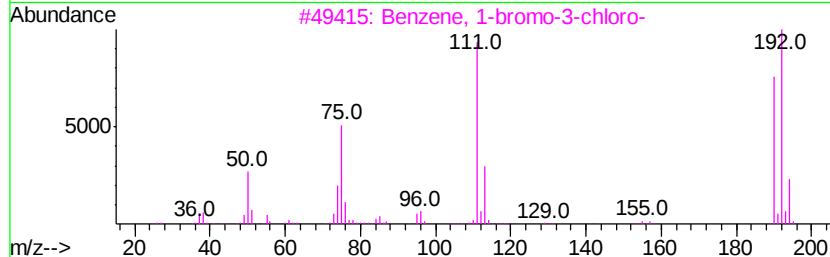
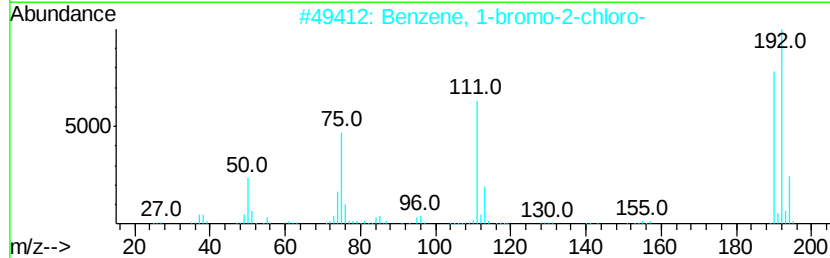
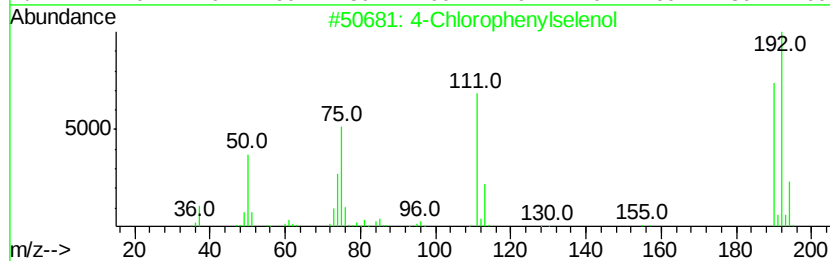
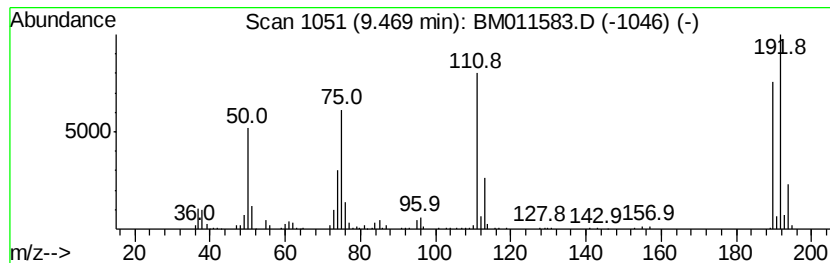
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 4-Chlorophenylselenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	5.27 ng/ul	976283	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96



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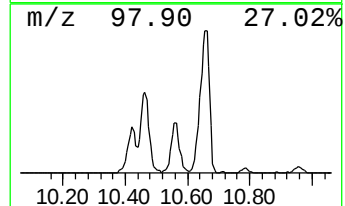
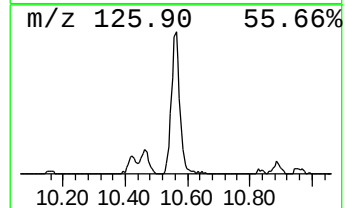
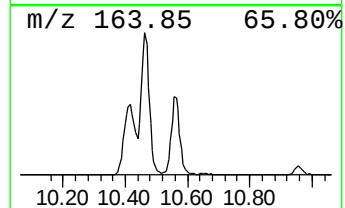
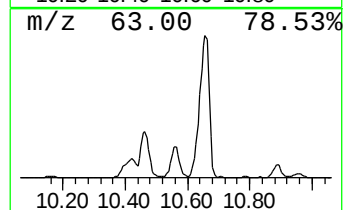
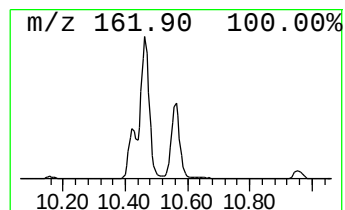
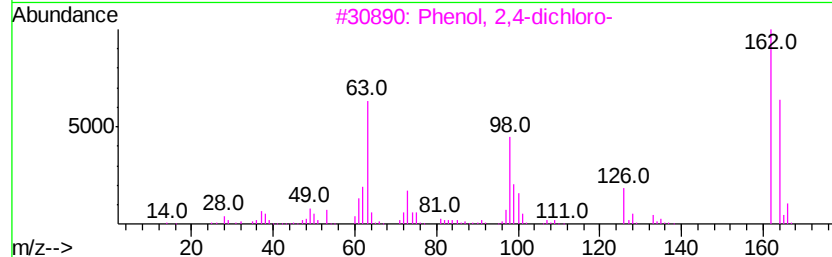
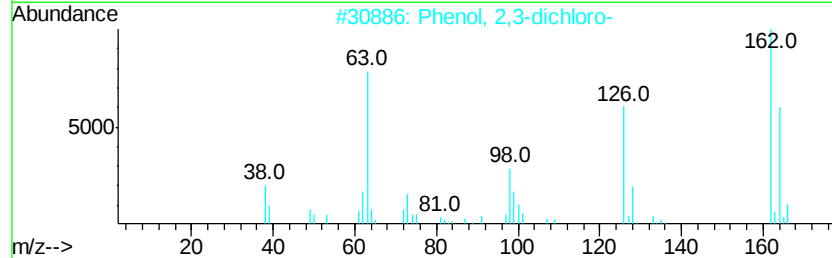
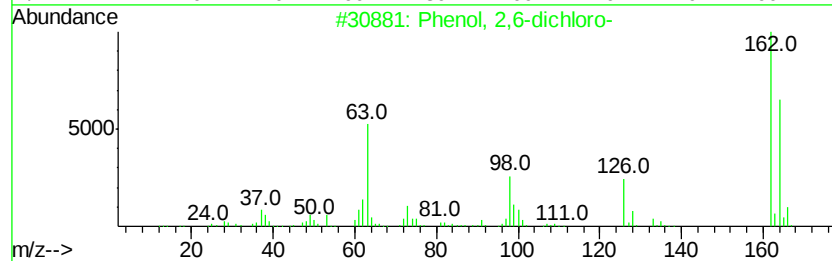
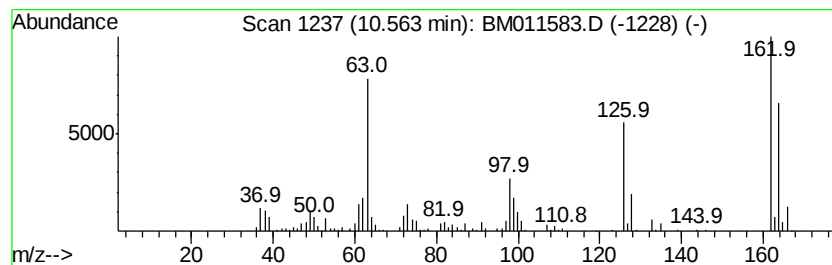
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenol, 2,6-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	3.21 ng/ul	594210	Naphthalene-d8	10.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	96
2		Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
3		Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	95
4		Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
5		Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	95



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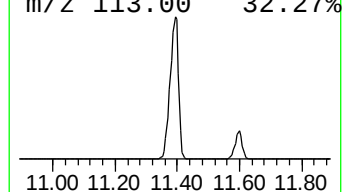
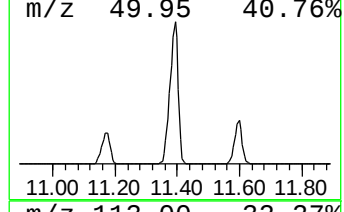
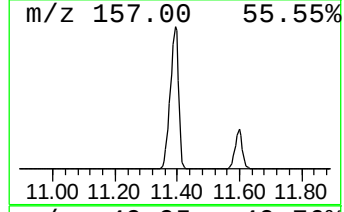
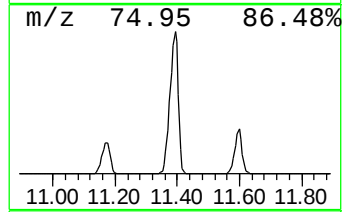
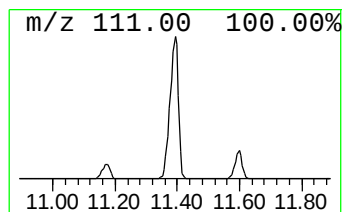
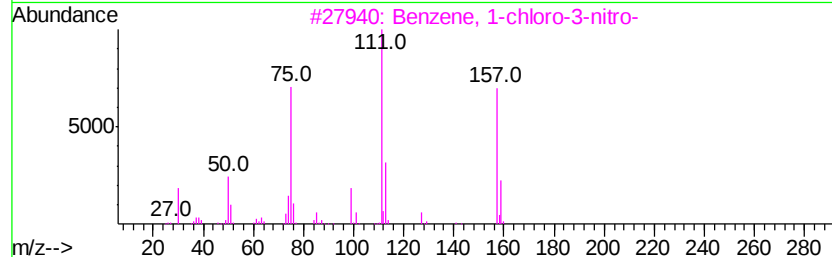
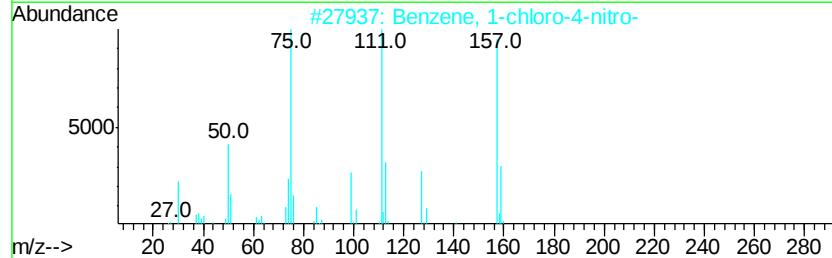
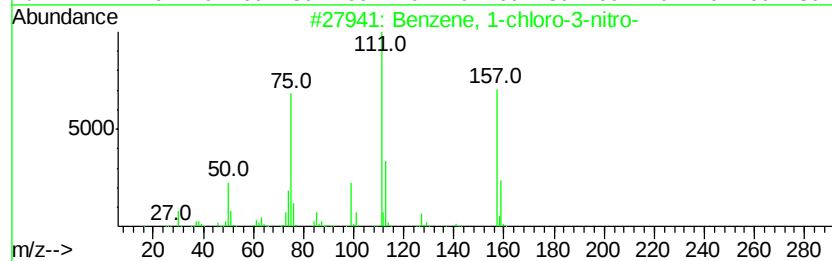
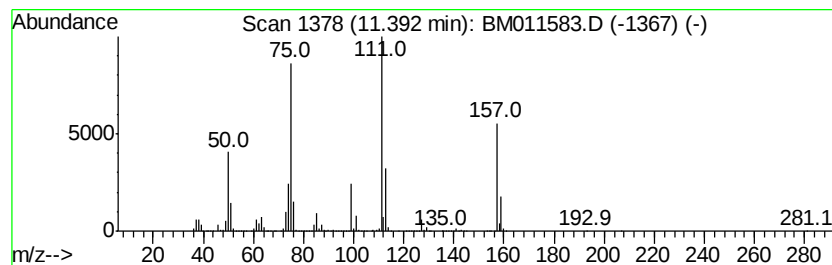
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	299.07 ng/ul	55445600	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-3-nitro-	157	C6H4ClNO2	000121-73-3	92
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	86



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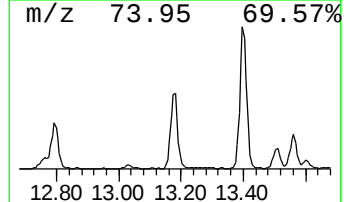
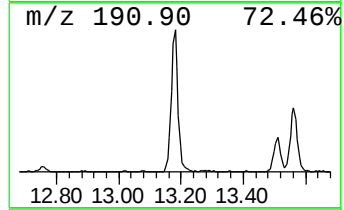
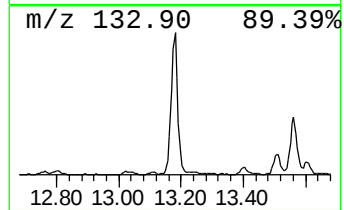
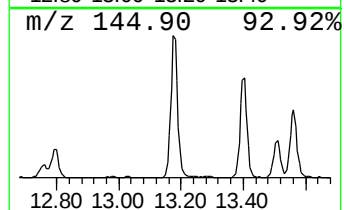
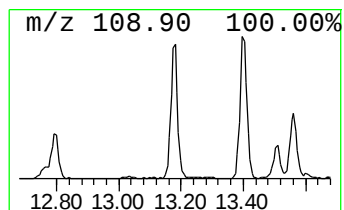
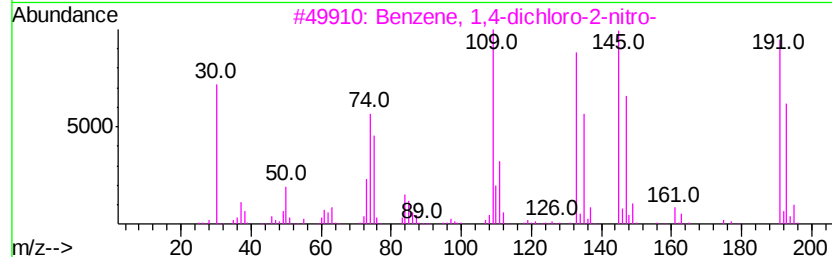
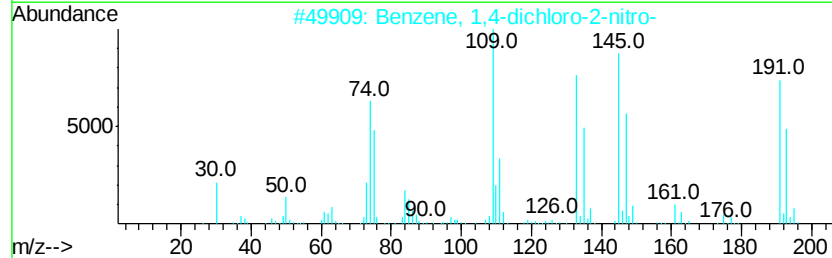
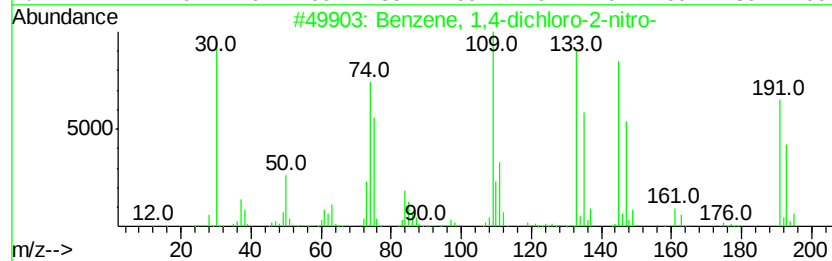
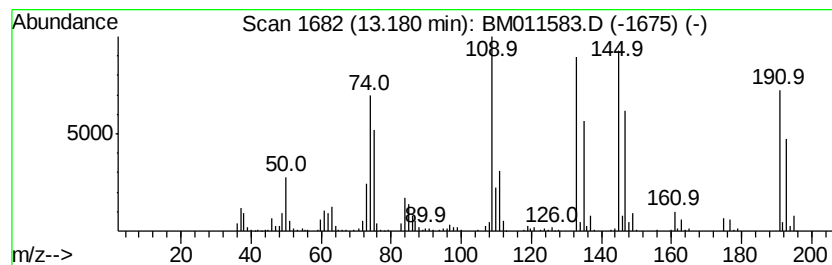
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Peak Number 12 Benzene, 1,4-dichloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	5.20 ng/ul	1285490	Acenaphthene-d10	14.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
2			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	98
3			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	96
4			Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	94
5			Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	90



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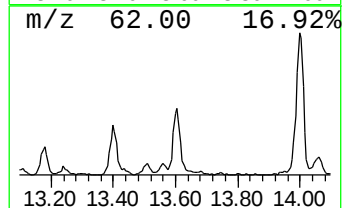
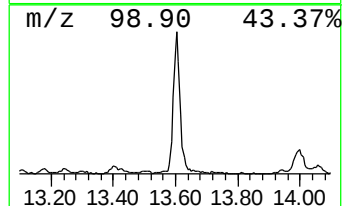
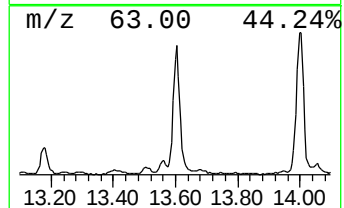
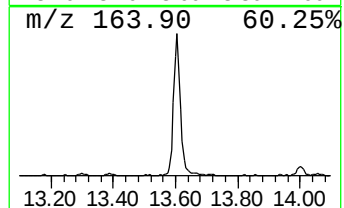
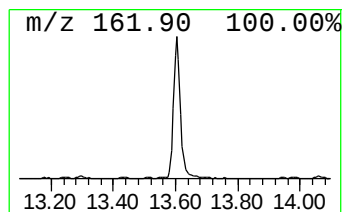
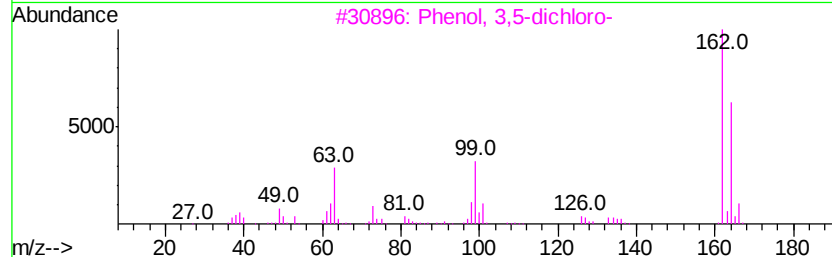
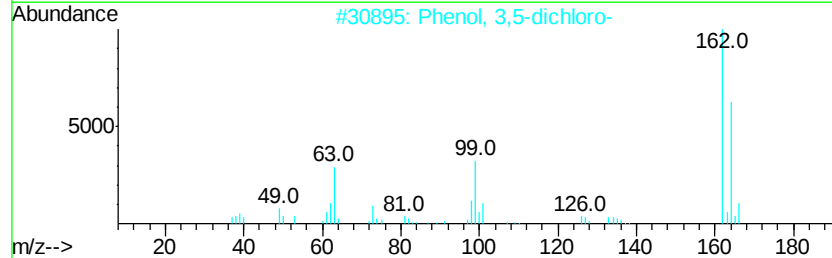
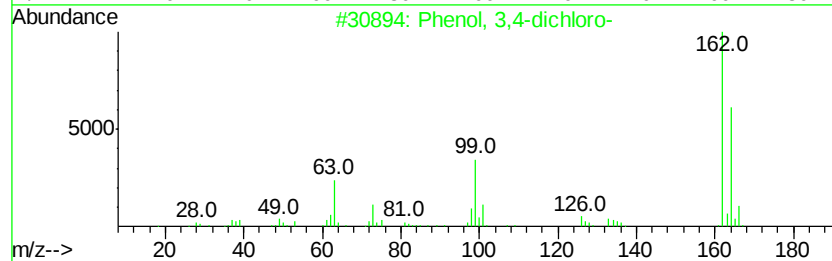
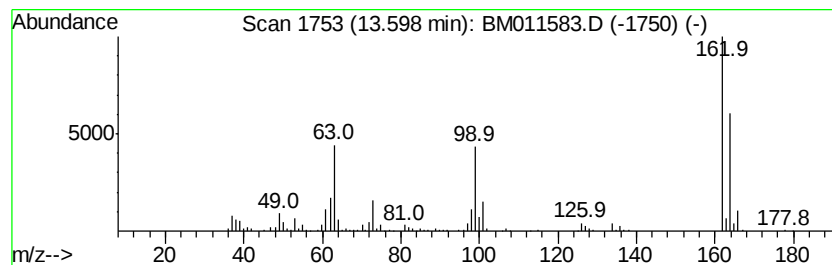
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenol, 3,4-dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.40 ng/ul	839498	Acenaphthene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2		Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
3		Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
4		Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
5		Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011583.D
Acq On : 18 Sep 2017 23:38
Operator : SJ/JU
Sample : I5234-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7

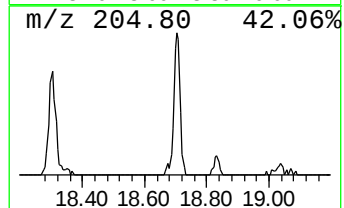
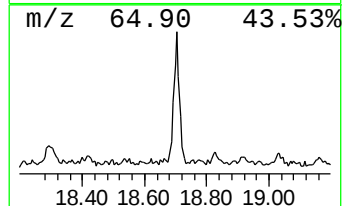
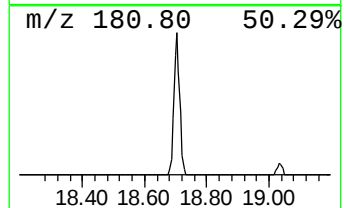
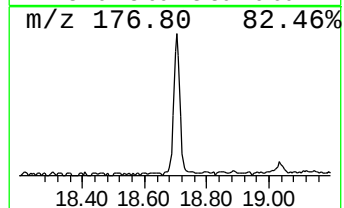
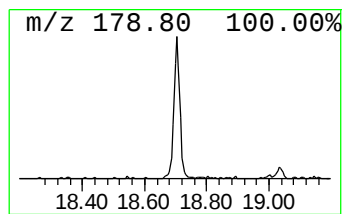
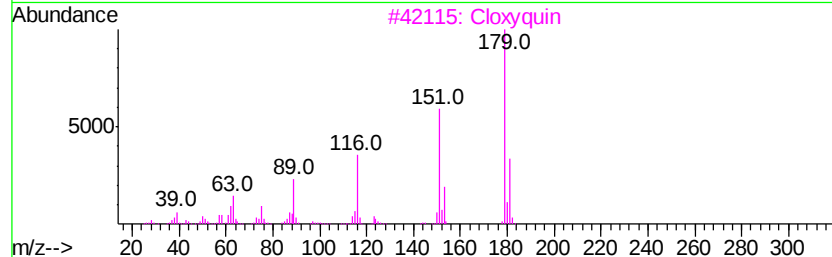
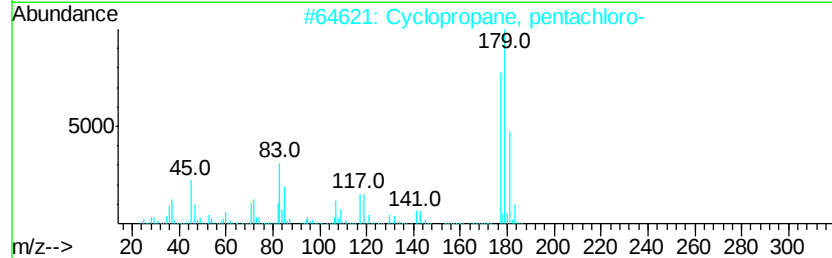
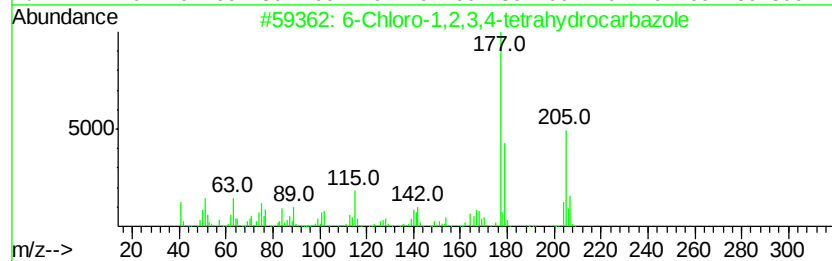
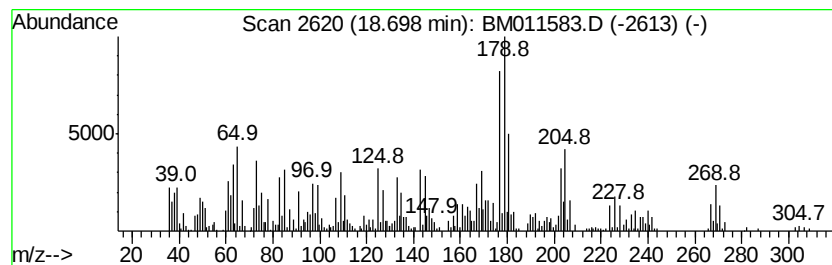
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.74 ng/ul	782665	Phenanthrene-d10	17.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	35
2			Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	25
3			Cloxyquin	179	C9H6ClNO	000130-16-5	18
4			Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14
5			Phenol, 4-amino-2,6-dichloro-	177	C6H5Cl2NO	005930-28-9	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
Data File : BM011583.D
Acq On : 18 Sep 2017 23:38
Operator : SJ/JU
Sample : I5234-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7

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
4-Chlorophenylsel...	9.47	5.3	ng/ul	976283	2	10.79	3707820	20.0
Phenol, 2,6-dichl...	10.56	3.2	ng/ul	594210	2	10.79	3707820	20.0
Benzene, 1-chloro...	11.39	299.1	ng/ul	55445600	2	10.79	3707820	20.0
Benzene, 1,4-dich...	13.18	5.2	ng/ul	1285490	3	14.60	4944580	20.0
Phenol, 3,4-dichl...	13.60	3.4	ng/ul	839498	3	14.60	4944580	20.0
unknown-01	18.70	2.7	ng/ul	782665	4	17.34	5711660	20.0