

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009232.D
 Acq On : 13 Mar 2017 23:45
 Operator : SJ/MA
 Sample : I2181-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ2

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\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.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	5.199	352	359	369	rBV	704114	1116918	9.19%	1.400%
2	7.028	665	670	676	rBV2	138115	228423	1.88%	0.286%
3	7.210	695	701	708	rBV	585975	884830	7.28%	1.109%
4	7.404	727	734	743	rBV	543650	880968	7.25%	1.104%
5	7.763	790	795	802	rBV	382763	619298	5.10%	0.776%
6	7.881	808	815	817	rBV	477934	800094	6.58%	1.003%
7	7.916	817	821	830	rVB	1263734	1978620	16.28%	2.480%
8	8.234	865	875	888	rBV	7544793	12154435	100.00%	15.236%
9	8.575	926	933	941	rBV	430301	699795	5.76%	0.877%
10	9.040	1006	1012	1020	rBV	771923	1291890	10.63%	1.619%
11	9.763	1128	1135	1142	rBV	658425	1063122	8.75%	1.333%
12	10.292	1216	1225	1235	rBV	898218	1480403	12.18%	1.856%
13	10.539	1259	1267	1275	rBV	4395109	7206692	59.29%	9.034%
14	10.681	1284	1291	1298	rBV	719673	1206931	9.93%	1.513%
15	11.057	1348	1355	1364	rVB	699502	1188852	9.78%	1.490%
16	12.669	1624	1629	1632	rBV2	170263	270859	2.23%	0.340%
17	12.704	1632	1635	1640	rVB	197176	277901	2.29%	0.348%
18	13.316	1731	1739	1747	rBV	1873123	2992760	24.62%	3.752%
19	13.922	1834	1842	1853	rBV	2129617	2935068	24.15%	3.679%
20	14.210	1885	1891	1898	rBV	2086512	3124684	25.71%	3.917%
21	14.516	1936	1943	1952	rBV2	1233342	1912103	15.73%	2.397%
22	14.704	1969	1975	1987	rBV	171401	296336	2.44%	0.371%
23	14.833	1990	1997	2002	rVB2	231783	338315	2.78%	0.424%
24	15.510	2105	2112	2121	rBV	2975189	4254116	35.00%	5.333%
25	15.627	2124	2132	2142	rBV	1169486	1524702	12.54%	1.911%
26	17.262	2404	2410	2417	rBV2	1785187	2600752	21.40%	3.260%
27	17.362	2420	2427	2435	rBV	3585057	5030722	41.39%	6.306%
28	19.656	2810	2817	2825	rBV	4672865	6372264	52.43%	7.988%
29	21.439	3114	3120	3126	rBV	3015772	3856698	31.73%	4.835%
30	23.627	3484	3492	3504	rVB	3661115	7346093	60.44%	9.209%
31	23.774	3510	3517	3525	rVB2	1926561	3839256	31.59%	4.813%

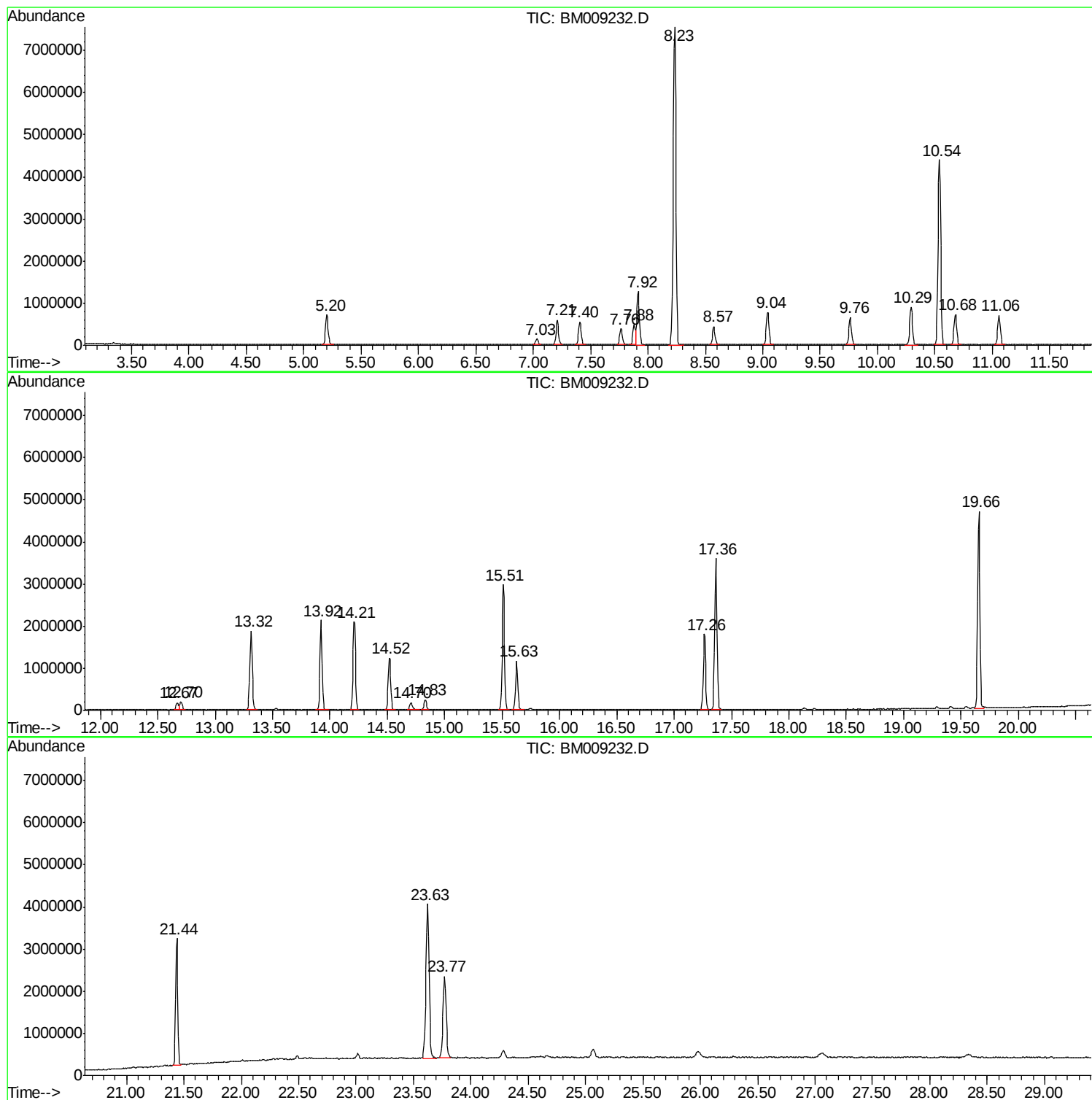
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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



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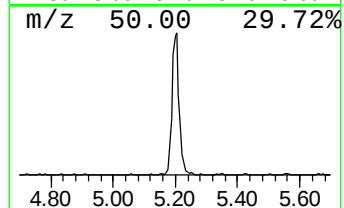
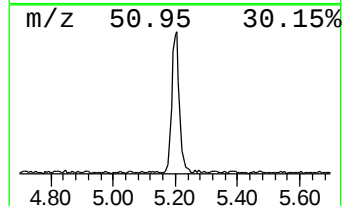
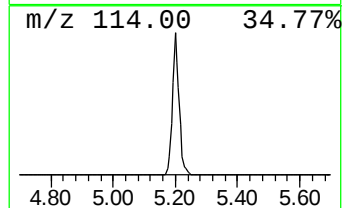
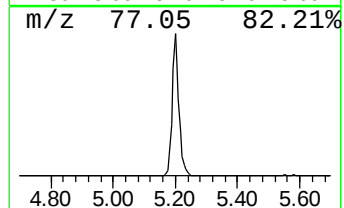
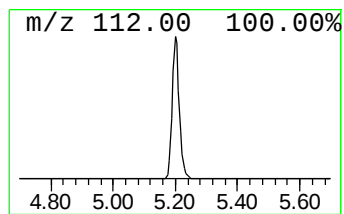
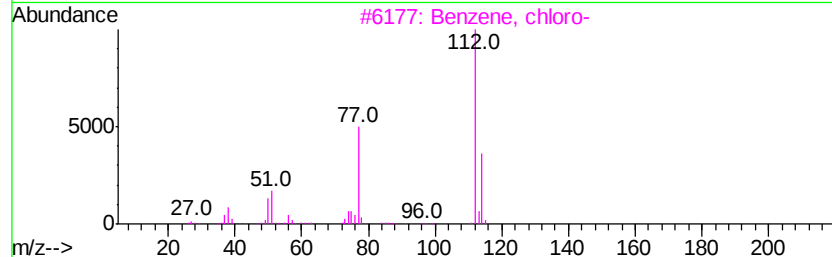
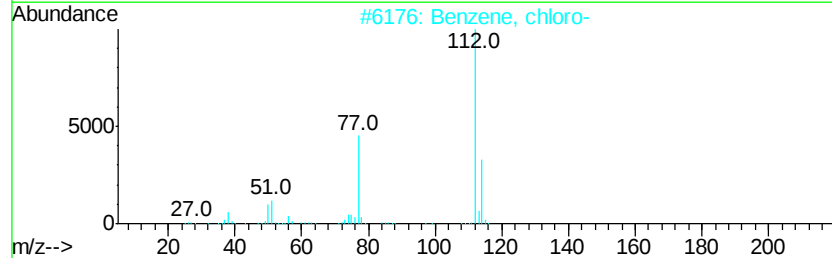
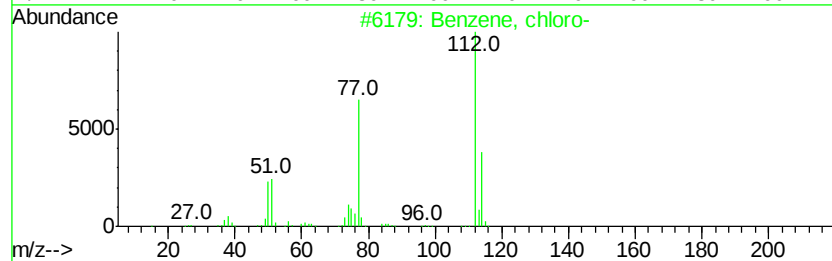
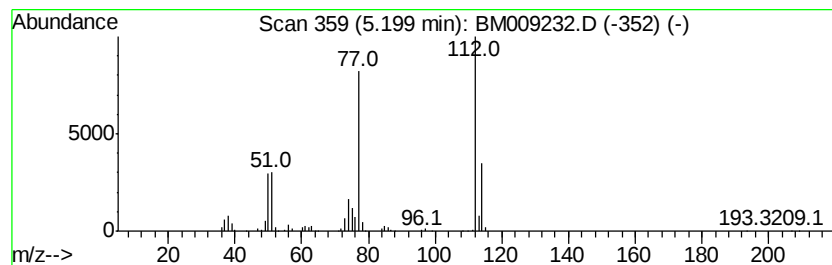
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	27.92 ng/ul	1116920	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5		2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	37



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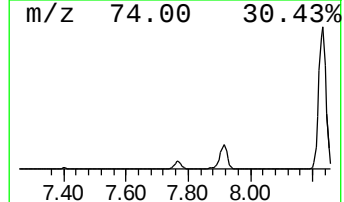
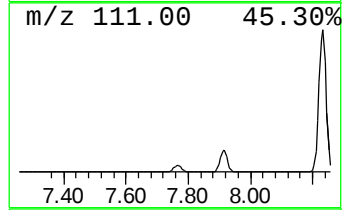
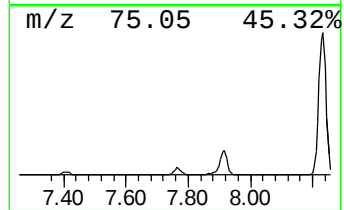
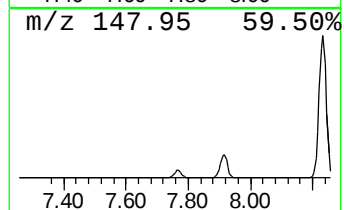
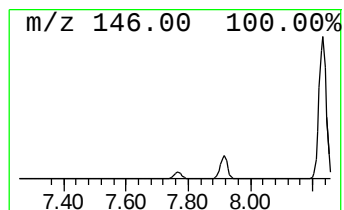
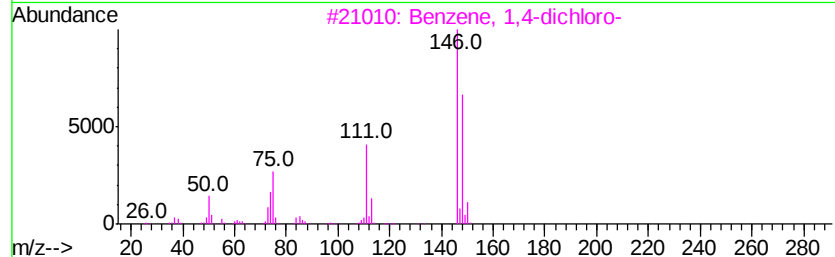
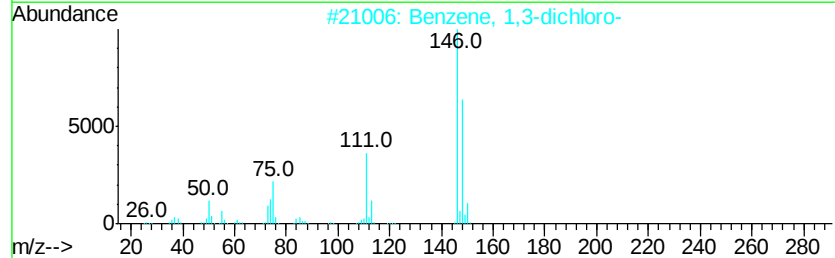
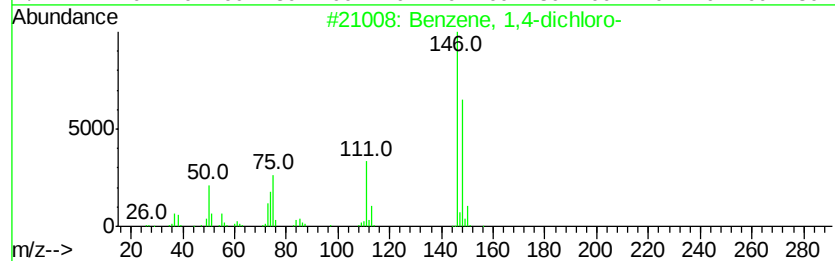
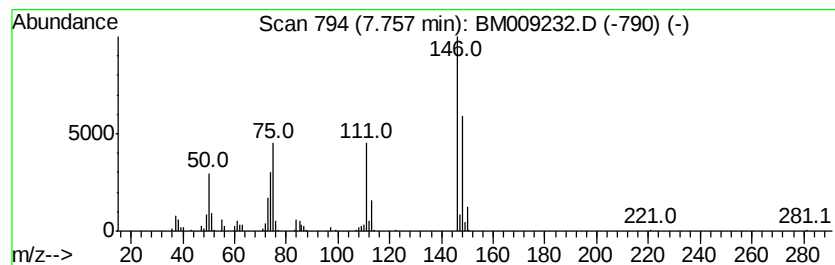
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	15.48 ng/ul	619298	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96



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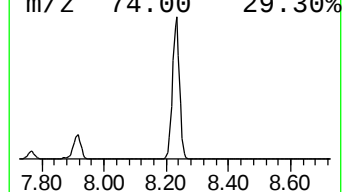
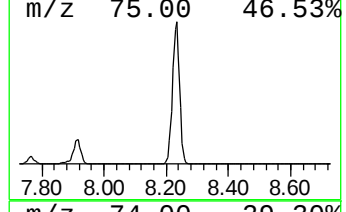
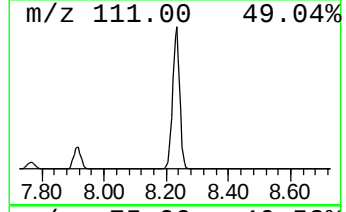
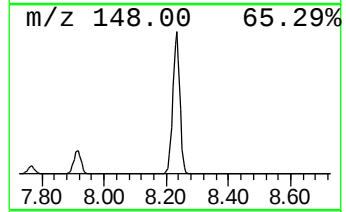
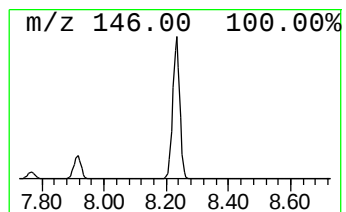
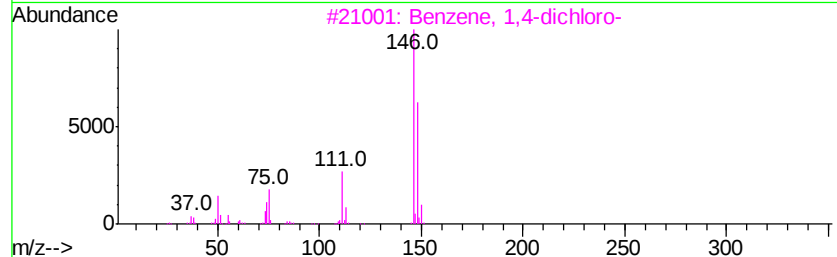
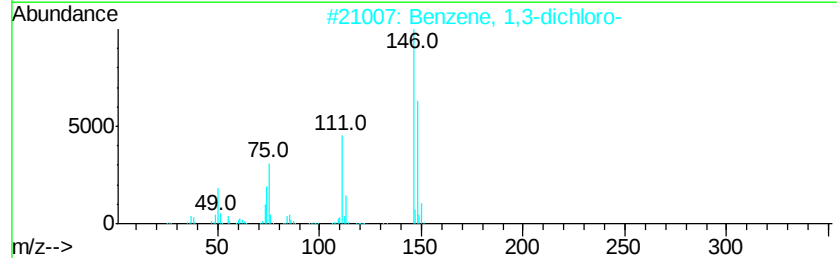
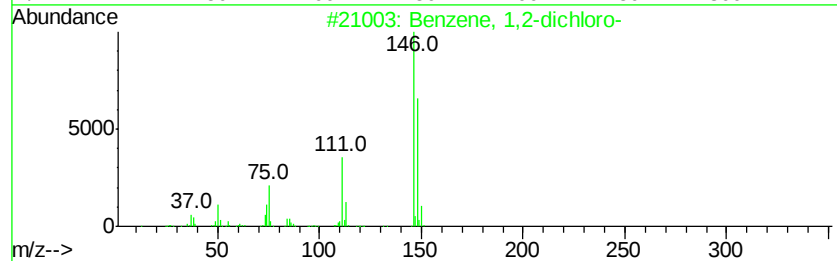
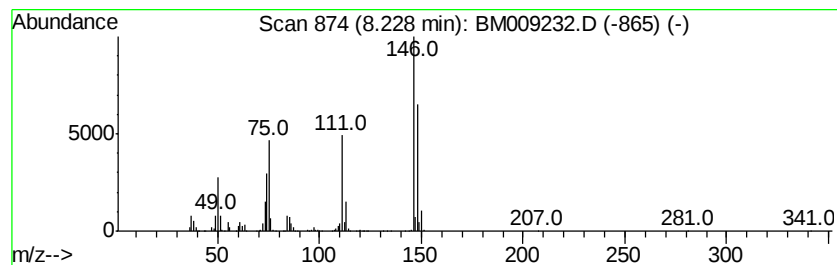
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	303.83 ng/ul	12154400	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96



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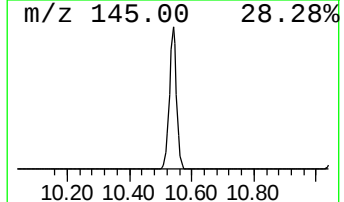
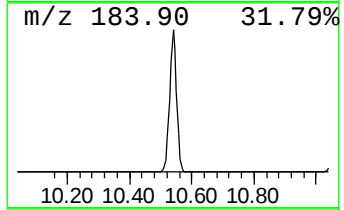
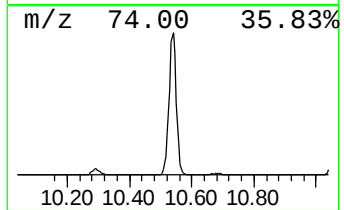
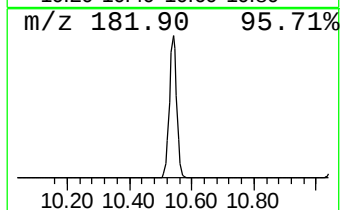
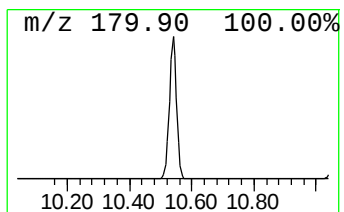
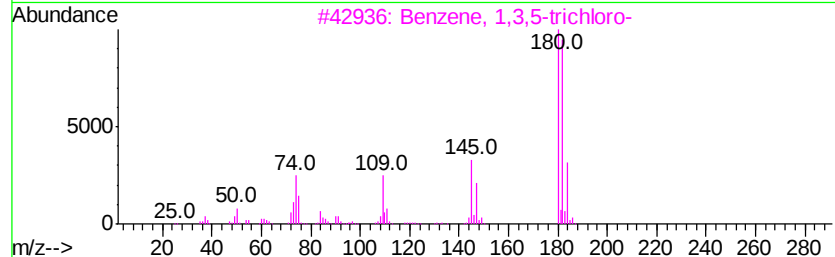
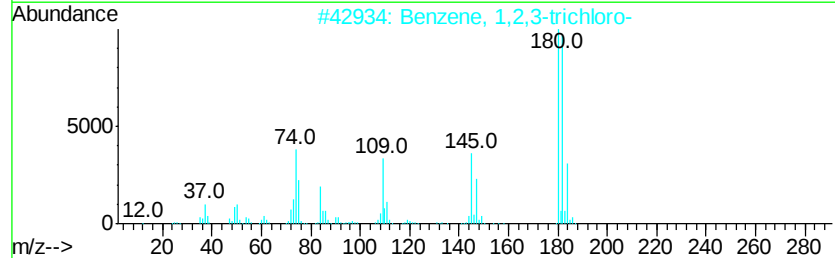
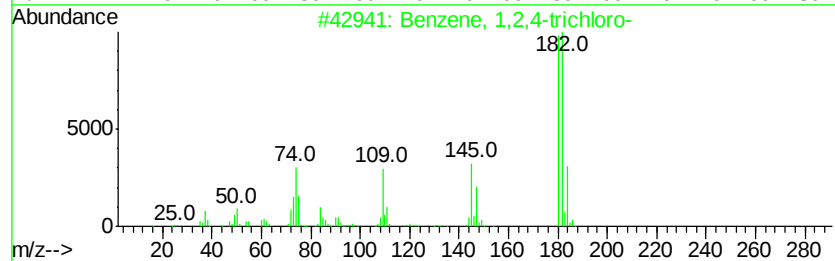
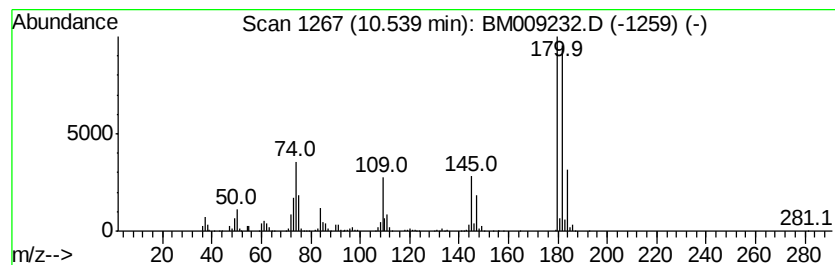
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Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	119.42 ng/ul	7206690	Napthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96



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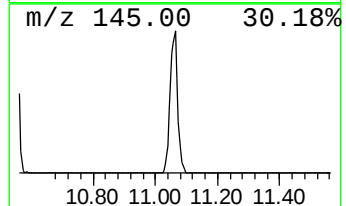
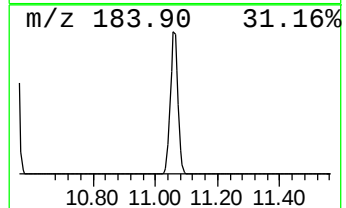
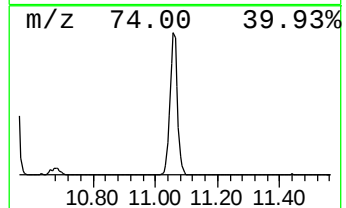
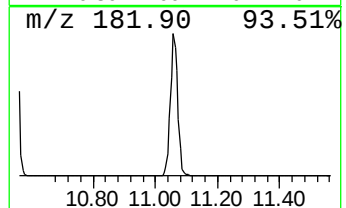
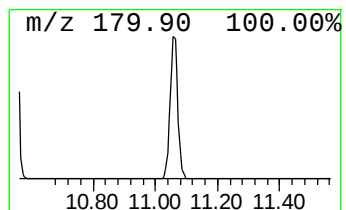
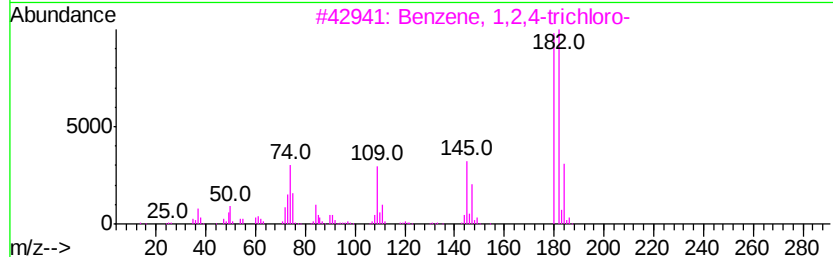
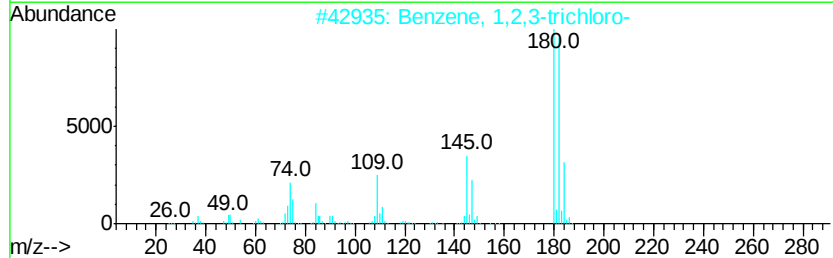
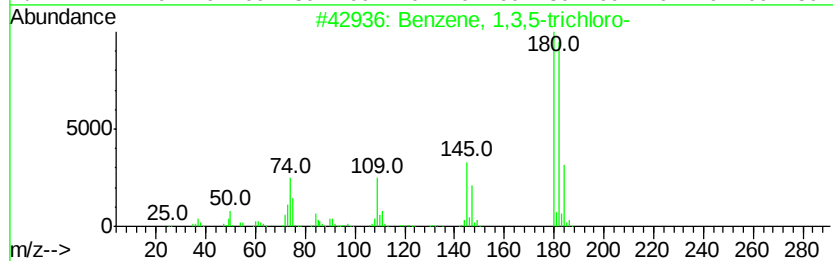
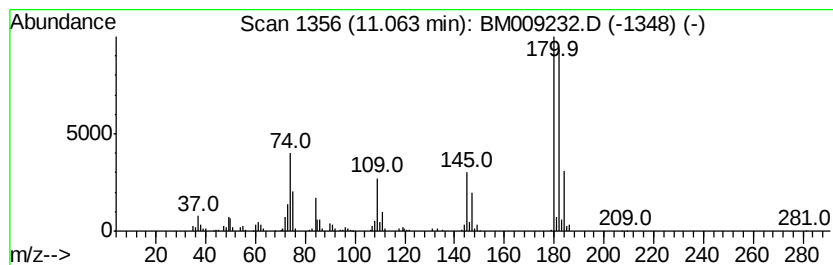
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	19.70 ng/ul	1188850	Napthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
3		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, chloro-	5.20	27.9	ng/ul	1116920	1	7.87	800094	20.0
Benzene, 1,4-dich...	7.76	15.5	ng/ul	619298	1	7.87	800094	20.0
Benzene, 1,2-dich...	8.23	303.8	ng/ul	12154400	1	7.87	800094	20.0
Benzene, 1,2,4-tr...	10.54	119.4	ng/ul	7206690	2	10.68	1206930	20.0
Benzene, 1,3,5-tr...	11.06	19.7	ng/ul	1188850	2	10.68	1206930	20.0