

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019358.D
 Acq On : 23 Mar 2019 18:47
 Operator : JU/SJ
 Sample : K1968-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09A5

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	4.951	326	334	351	rBV	5221533	7391179	10.34%	3.867%
2	6.792	642	647	660	rBV	103194	179702	0.25%	0.094%
3	6.963	670	676	695	rBV	465679	786857	1.10%	0.412%
4	7.145	700	707	719	rBV	518337	847817	1.19%	0.444%
5	7.498	759	767	780	rBV	10891684	16202280	22.66%	8.477%
6	7.657	780	794	812	rVV	24621541	39481447	55.22%	20.658%
7	7.957	837	845	863	rBV	9181352	14380676	20.11%	7.524%
8	8.328	903	908	918	rBV	105978	205549	0.29%	0.108%
9	8.781	978	985	999	rBV	532479	942141	1.32%	0.493%
10	9.098	1031	1039	1053	rVB2	444529	744303	1.04%	0.389%
11	9.322	1069	1077	1080	rBV	169364	271772	0.38%	0.142%
12	9.369	1080	1085	1090	rBV	137255	268938	0.38%	0.141%
13	9.492	1099	1106	1110	rBV	465938	774303	1.08%	0.405%
14	9.533	1110	1113	1120	rVB	264739	406720	0.57%	0.213%
15	9.775	1147	1154	1160	rVB2	48070	82154	0.11%	0.043%
16	10.022	1189	1196	1205	rBV	626105	1219029	1.70%	0.638%
17	10.092	1205	1208	1219	rVB2	62597	134623	0.19%	0.070%
18	10.280	1228	1240	1245	rBV	37055636	71497626	100.00%	37.409%
19	10.398	1254	1260	1276	rVB	783613	1246831	1.74%	0.652%
20	10.775	1316	1324	1339	rBV	3946116	6293298	8.80%	3.293%
21	11.227	1394	1401	1412	rBV	124514	264722	0.37%	0.139%
22	12.439	1596	1607	1619	rBV	316829	602458	0.84%	0.315%
23	12.698	1646	1651	1660	rBV4	57897	112789	0.16%	0.059%
24	13.057	1704	1712	1719	rBV	488528	798536	1.12%	0.418%
25	13.686	1813	1819	1834	rBV	1305804	1835069	2.57%	0.960%
26	13.963	1859	1866	1881	rBV	1172586	1783926	2.50%	0.933%
27	14.268	1912	1918	1927	rBV2	1033276	1577479	2.21%	0.825%
28	14.774	1999	2004	2011	rBV3	40284	85284	0.12%	0.045%
29	14.851	2011	2017	2025	rBV	44889	135589	0.19%	0.071%
30	15.268	2082	2088	2102	rVB	2027993	2891799	4.04%	1.513%
31	15.410	2107	2112	2123	rBV	545352	817909	1.14%	0.428%
32	17.027	2381	2387	2397	rBV	1271760	1804361	2.52%	0.944%
33	17.127	2398	2404	2414	rBV	2098878	3043991	4.26%	1.593%
34	18.421	2620	2624	2629	rBV4	54405	101530	0.14%	0.053%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
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Min Area: 0.1 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.433	2790	2796	2812	rVB2	2634477	3536224	4.95%	1.850%
36	21.233	3097	3102	3114	rBV	1556460	2136255	2.99%	1.118%
37	23.309	3448	3455	3467	rBV	2191849	3994595	5.59%	2.090%
38	23.450	3472	3479	3491	rBV	1179509	2243627	3.14%	1.174%

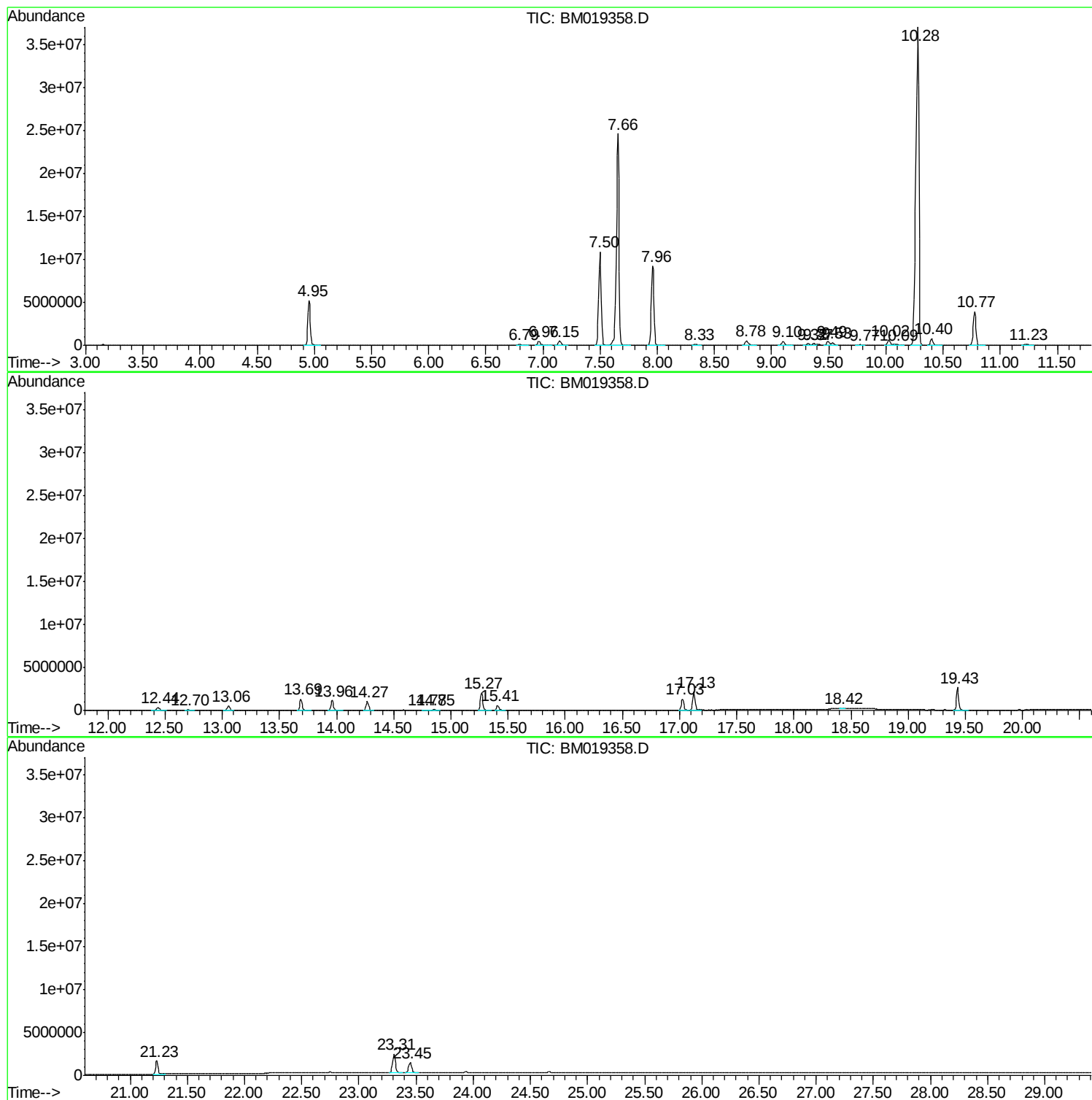
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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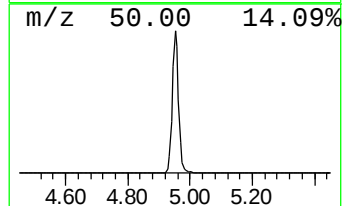
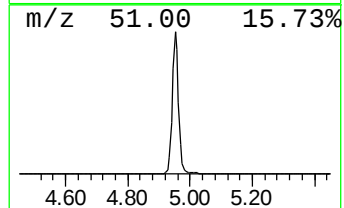
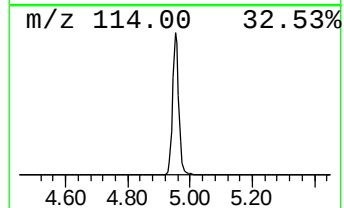
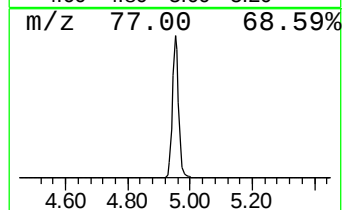
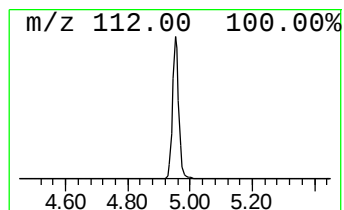
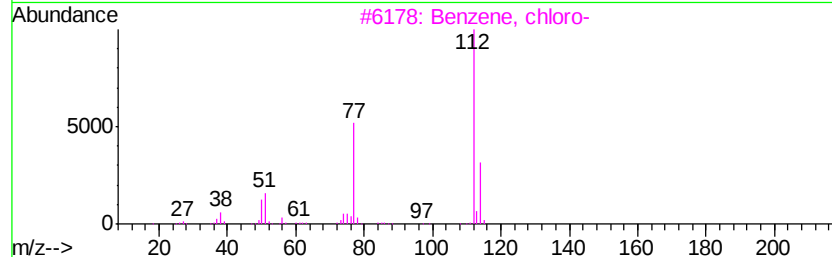
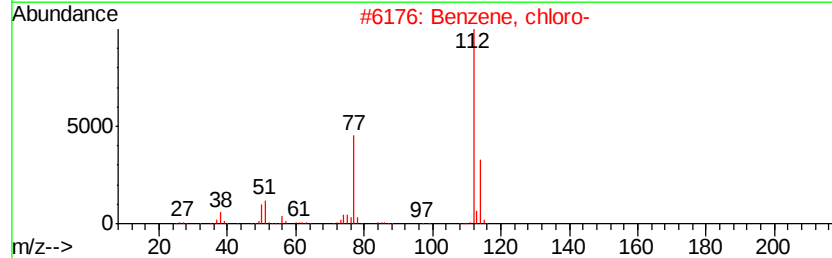
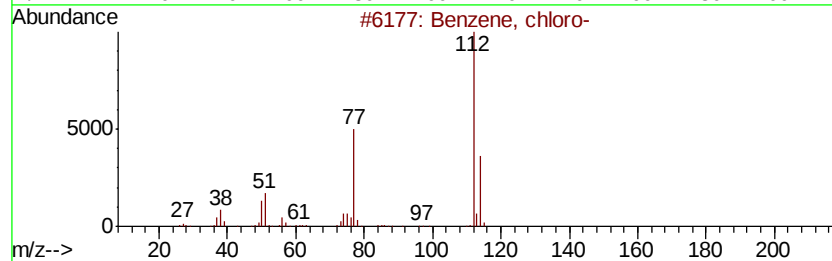
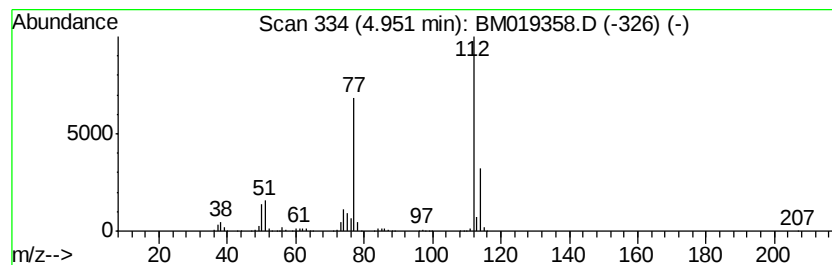
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.74 ng/ul	7391180	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2			Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3			Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4			Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5			Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	38



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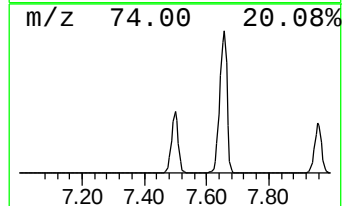
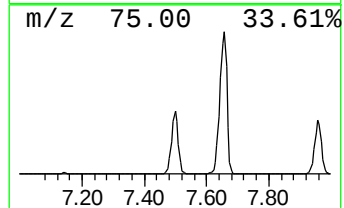
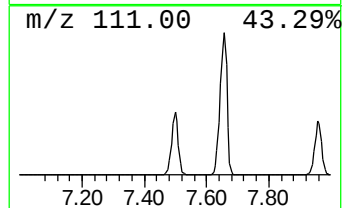
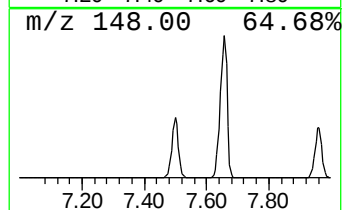
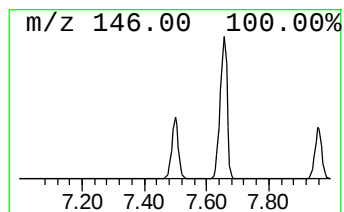
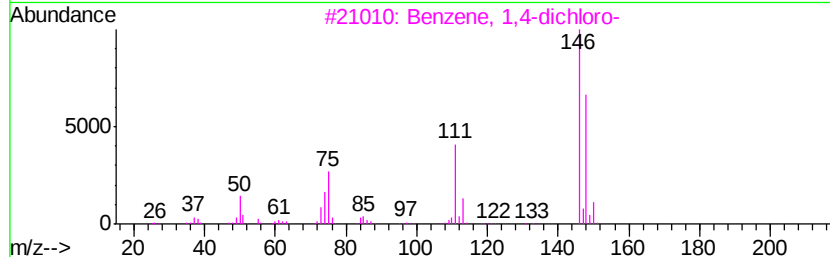
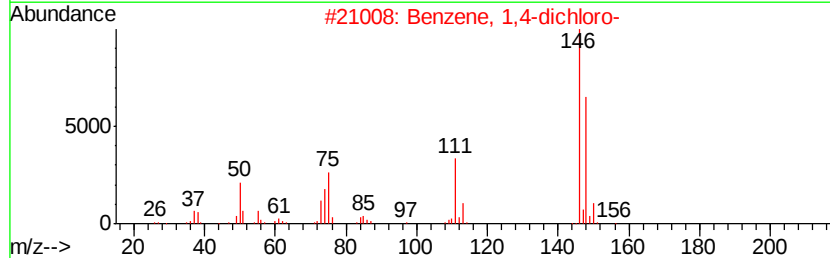
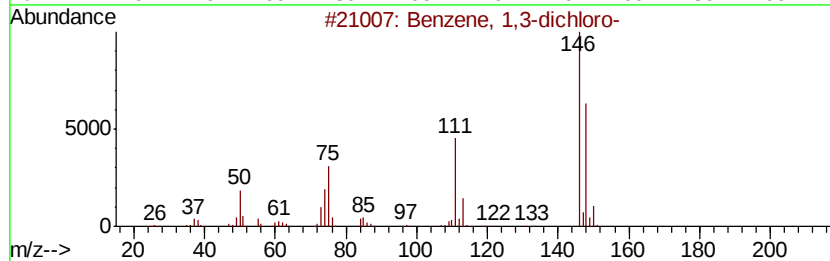
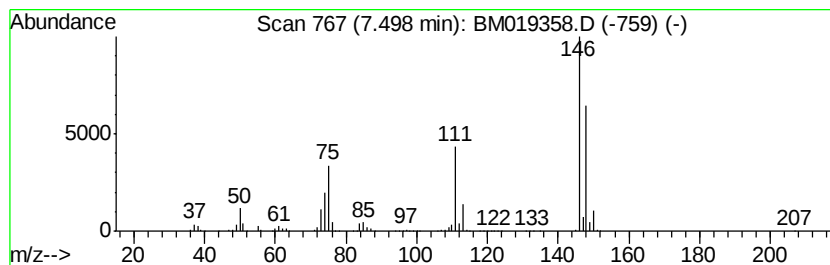
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Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	8.21 ng/ul	16202300	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95



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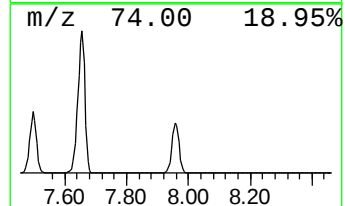
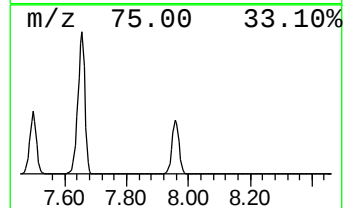
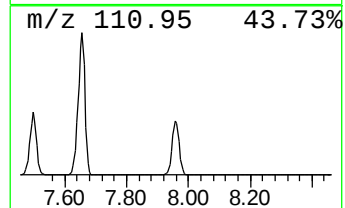
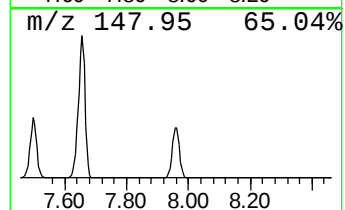
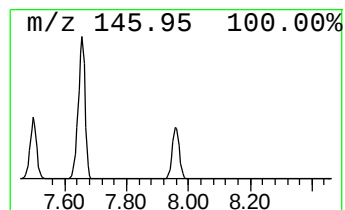
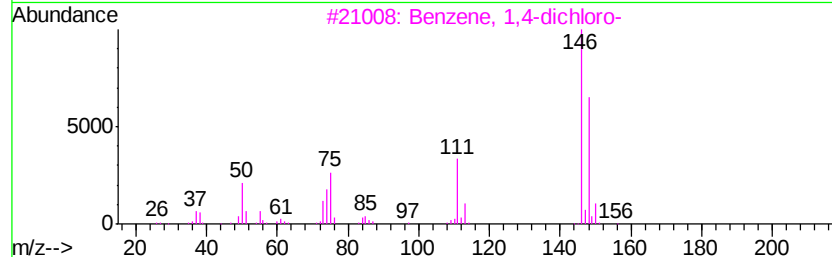
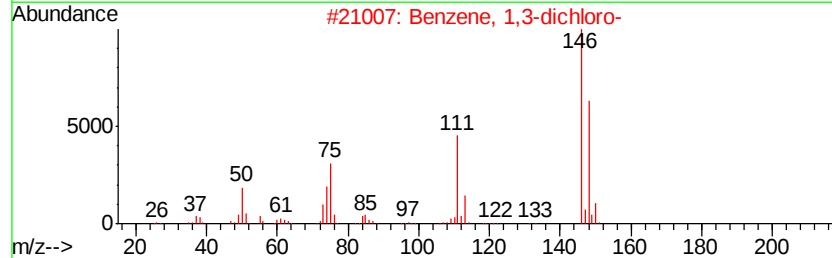
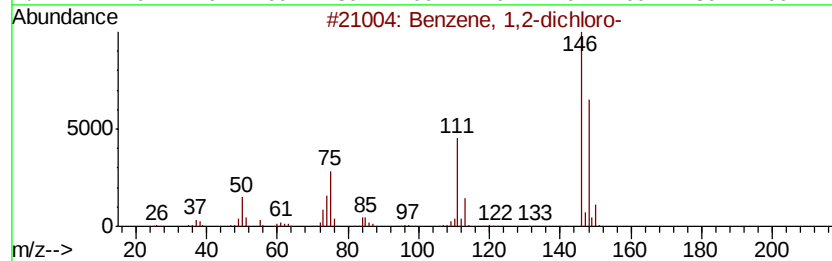
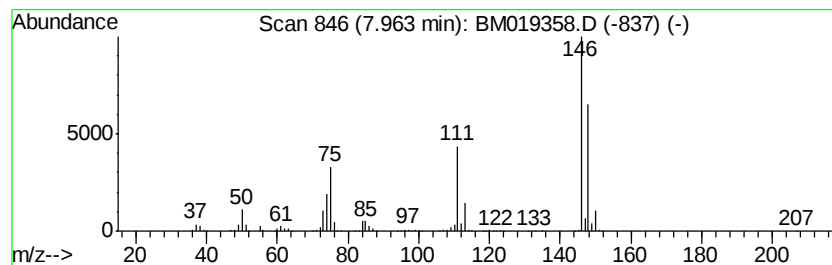
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	7.28 ng/ul	14380700	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95



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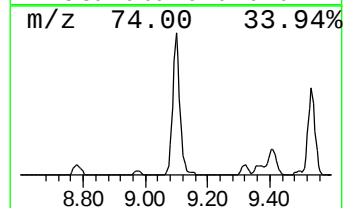
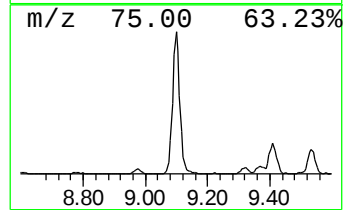
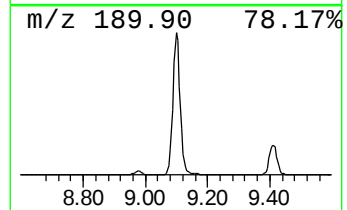
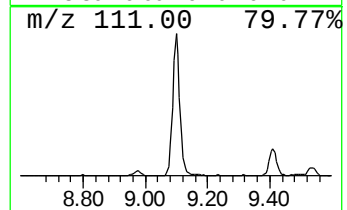
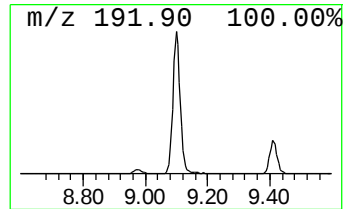
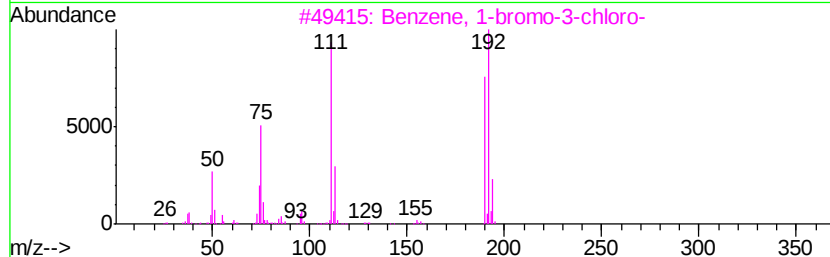
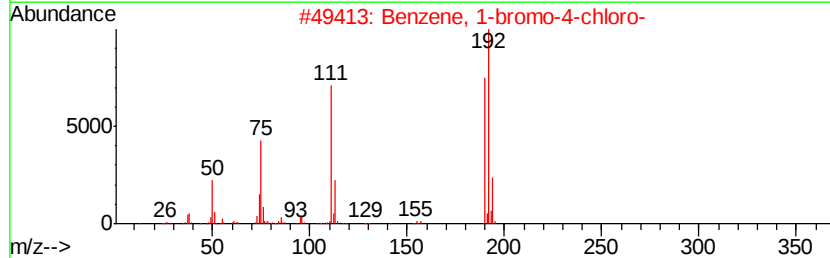
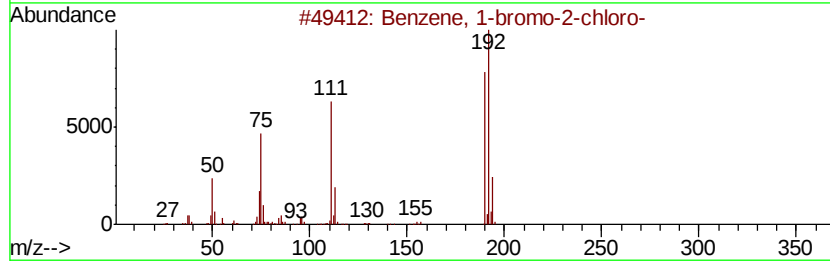
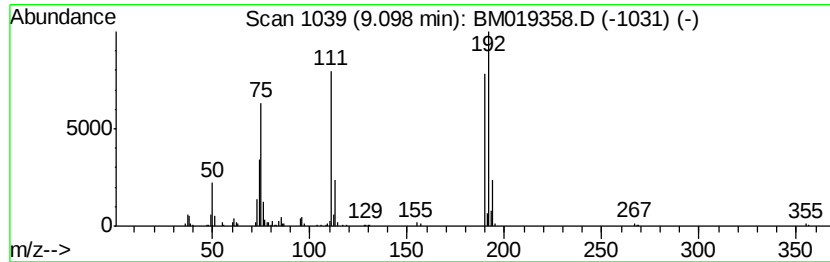
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Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.94 ng/ul	744303	Napthalene-d8	10.40

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	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97



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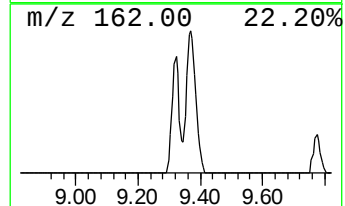
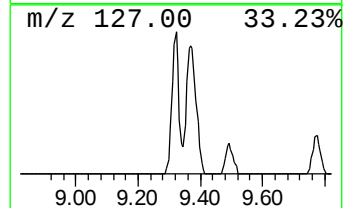
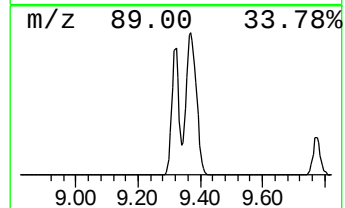
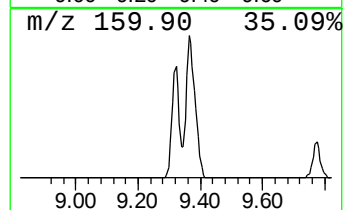
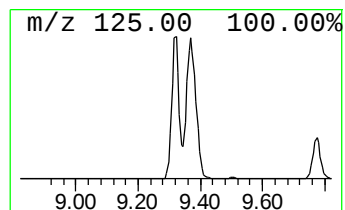
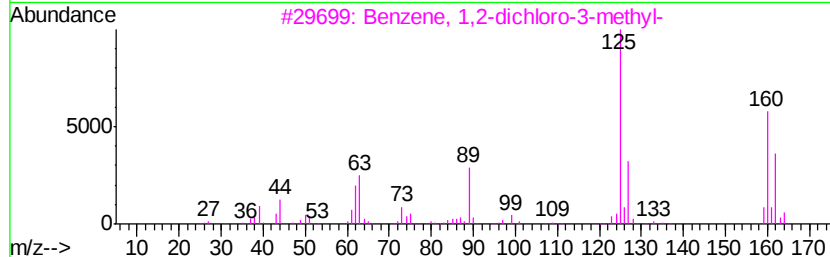
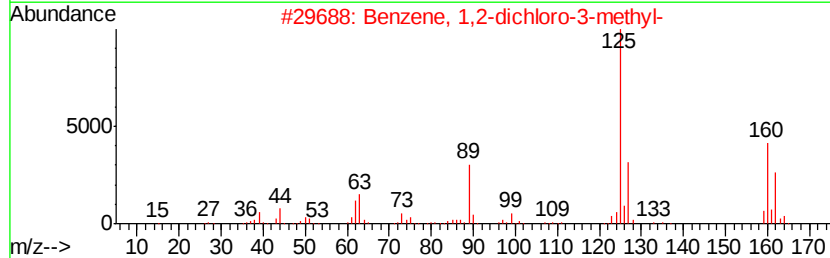
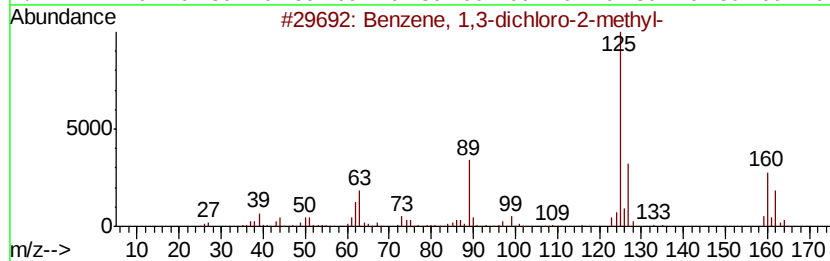
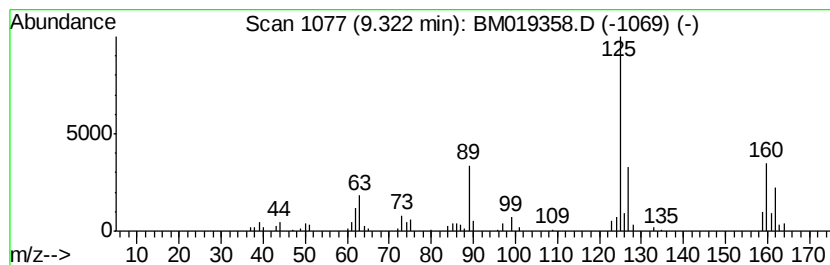
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,3-dichloro-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.36 ng/ul	271772	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
2		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
3		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
4		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
5		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019358.D
Acq On : 23 Mar 2019 18:47
Operator : JU/SJ
Sample : K1968-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09A5

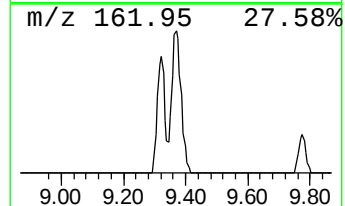
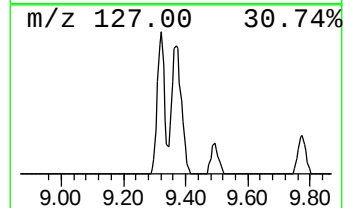
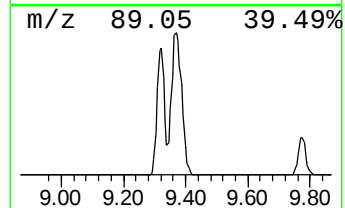
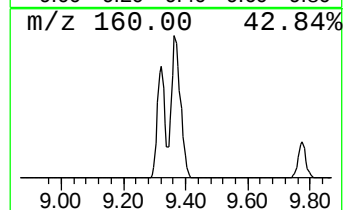
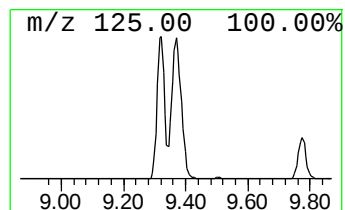
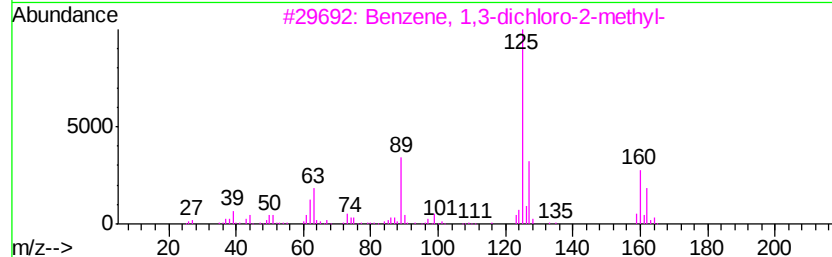
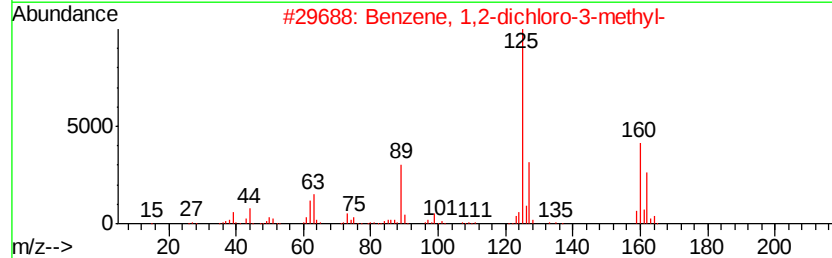
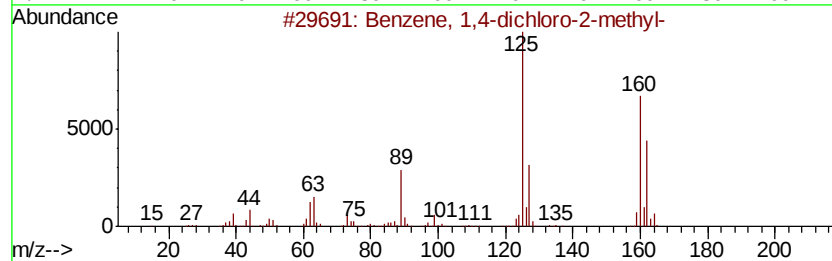
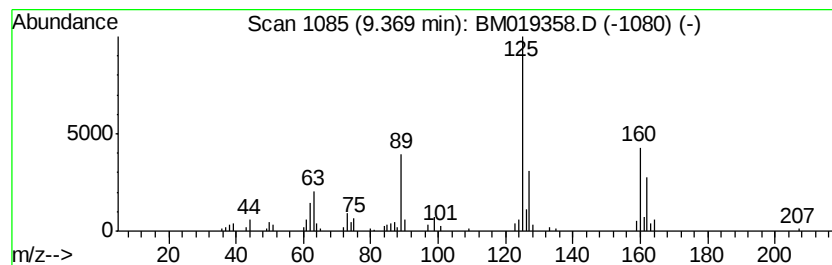
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,4-dichloro-2-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	4.31 ng/ul	268938	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
2		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
3		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
4		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019358.D
Acq On : 23 Mar 2019 18:47
Operator : JU/SJ
Sample : K1968-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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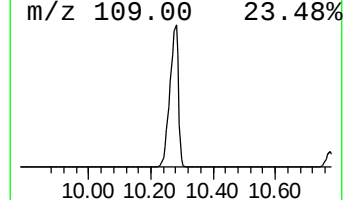
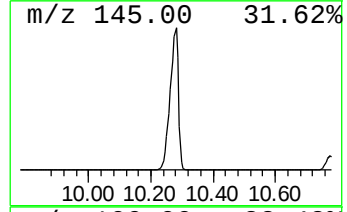
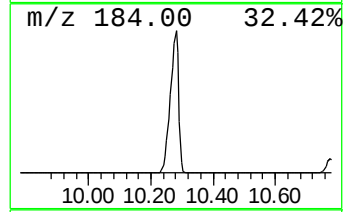
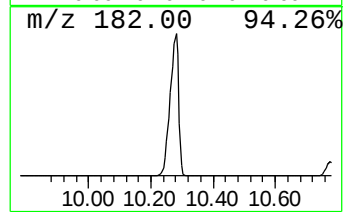
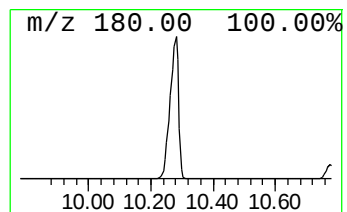
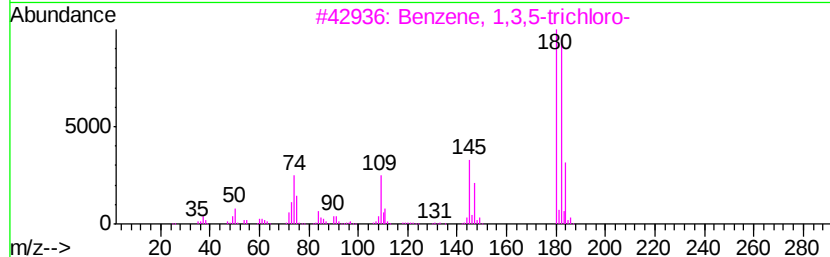
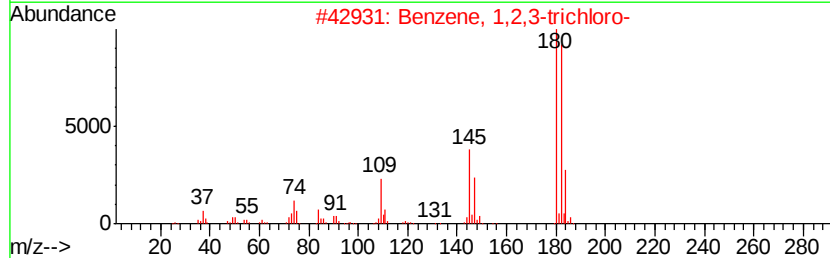
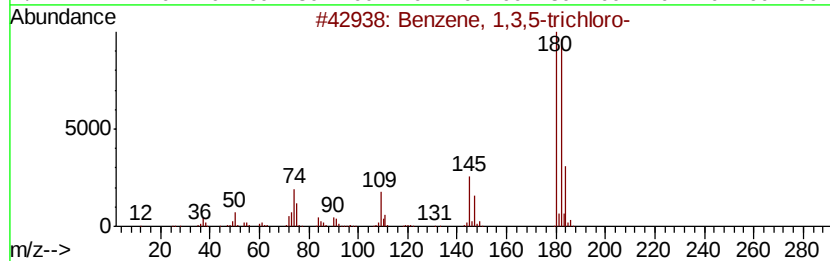
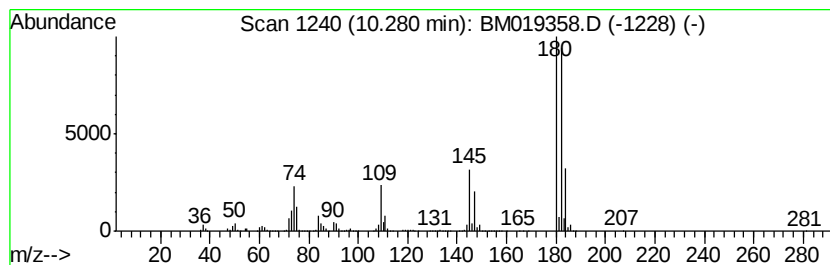
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	1146.87 ng/ul	71497600	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019358.D
Acq On : 23 Mar 2019 18:47
Operator : JU/SJ
Sample : K1968-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09A5

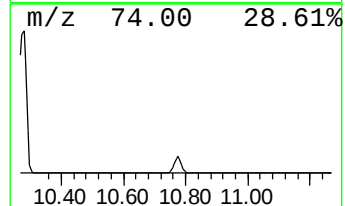
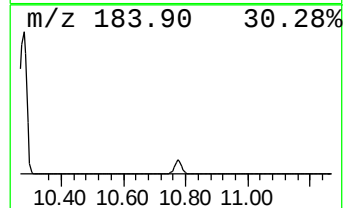
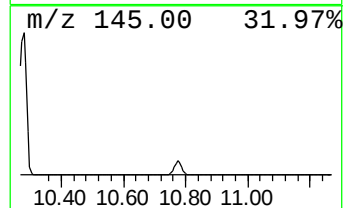
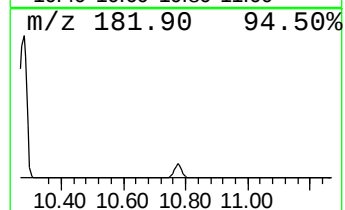
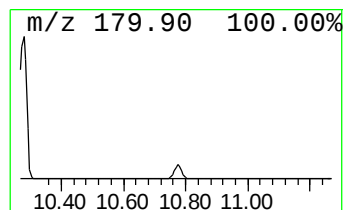
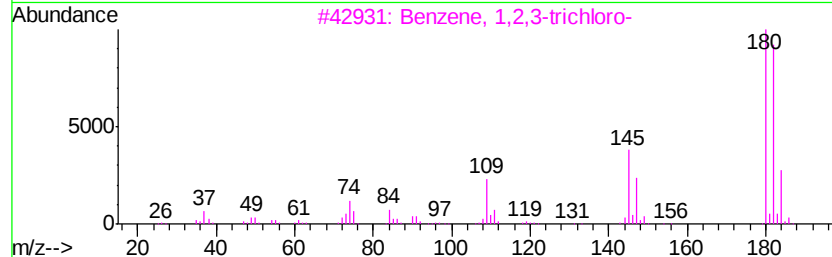
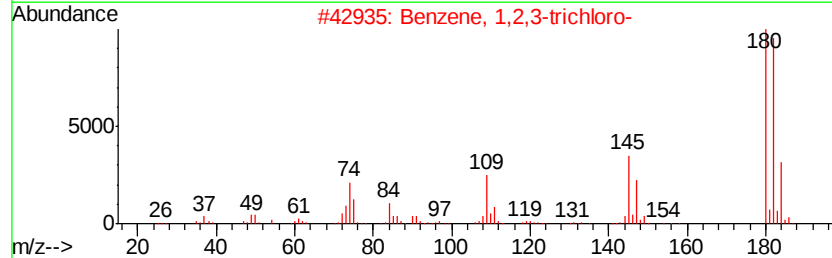
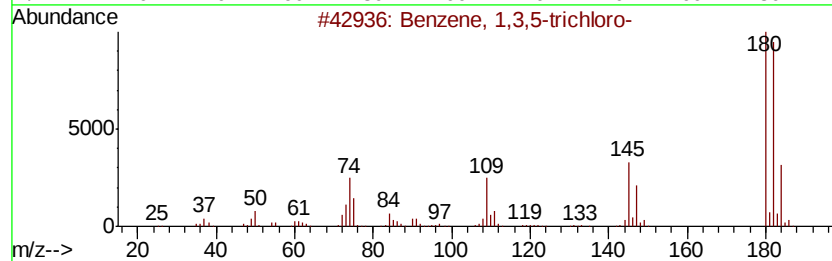
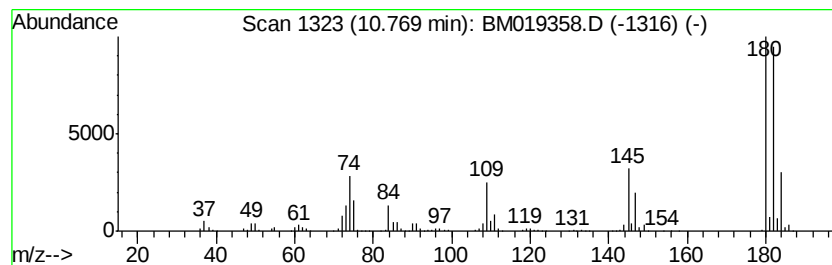
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	100.95 ng/ul	6293300	Naphthalene-d8	10.40

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019358.D
Acq On : 23 Mar 2019 18:47
Operator : JU/SJ
Sample : K1968-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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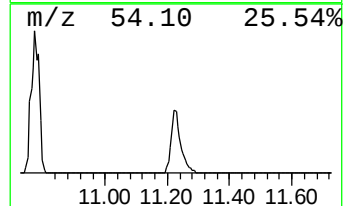
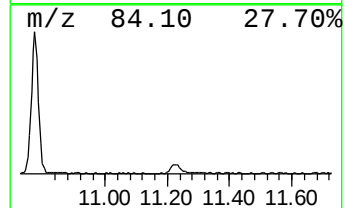
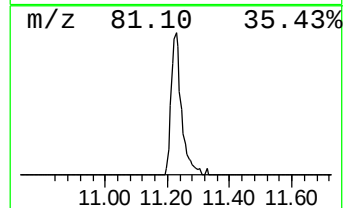
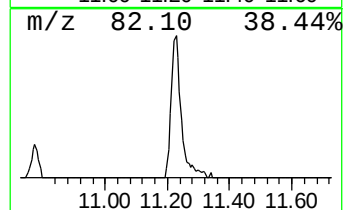
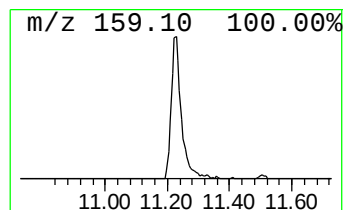
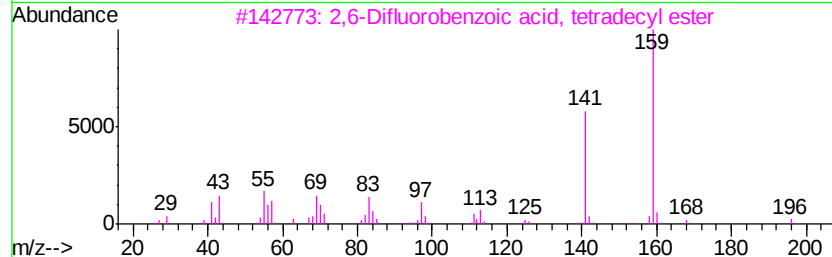
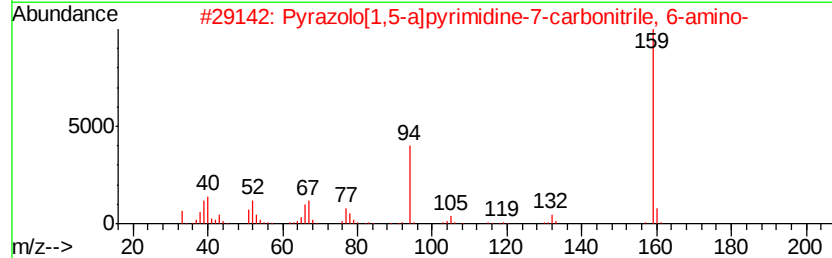
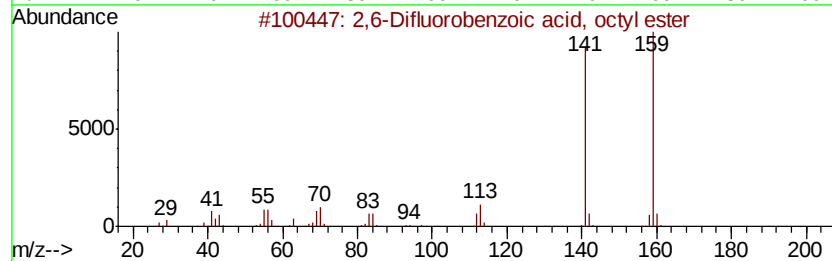
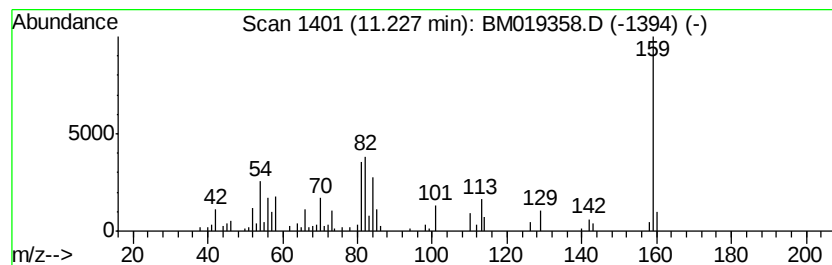
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.25 ng/ul	264722	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Difluorobenzoic acid, octyl ...	270	C15H20F2O2	1000292-39-2	35
2		Pyrazolo[1,5-a]pyrimidine-7-carb...	159	C7H5N5	1000267-04-4	27
3		2,6-Difluorobenzoic acid, tetrad...	354	C21H32F2O2	1000292-39-4	23
4		2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	23
5		2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
Data File : BM019358.D
Acq On : 23 Mar 2019 18:47
Operator : JU/SJ
Sample : K1968-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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, chloro-	4.95	3.7	ng/ul	7391180	1	7.62	39481400	20.0
Benzene, 1,3-dich...	7.50	8.2	ng/ul	16202300	1	7.62	39481400	20.0
Benzene, 1,2-dich...	7.96	7.3	ng/ul	14380700	1	7.62	39481400	20.0
Benzene, 1-bromo-...	9.10	11.9	ng/ul	744303	2	10.40	1246830	20.0
Benzene, 1,3-dich...	9.32	4.4	ng/ul	271772	2	10.40	1246830	20.0
Benzene, 1,4-dich...	9.37	4.3	ng/ul	268938	2	10.40	1246830	20.0
Benzene, 1,3,5-tr...	10.28	1146.9	ng/ul	71497600	2	10.40	1246830	20.0
Benzene, 1,2,3-tr...	10.77	101.0	ng/ul	6293300	2	10.40	1246830	20.0
unknown-01	11.23	4.3	ng/ul	264722	2	10.40	1246830	20.0