

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019391.D
 Acq On : 24 Mar 2019 14:37
 Operator : JU/SJ
 Sample : K2027-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0989

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	4.981	327	339	343	rBV3	46932384	119389627	39.31%	13.233%
2	6.975	671	678	694	rBV	431906	849892	0.28%	0.094%
3	7.145	701	707	723	rVB	521164	919450	0.30%	0.102%
4	7.510	759	769	781	rBV	13084475	28408860	9.35%	3.149%
5	7.710	781	803	807	rBV5	49719779	209335587	68.93%	23.203%
6	8.063	838	863	867	rBV5	50509000	303696130	100.00%	33.662%
7	8.328	902	908	922	rVB	377800	663923	0.22%	0.074%
8	8.781	979	985	988	rBV	611257	1033462	0.34%	0.115%
9	8.834	988	994	1009	rVB	5057764	8411512	2.77%	0.932%
10	9.098	1032	1039	1047	rBV	383007	615114	0.20%	0.068%
11	9.492	1100	1106	1126	rVB	510495	955093	0.31%	0.106%
12	10.028	1190	1197	1205	rBV	739673	1286410	0.42%	0.143%
13	10.298	1228	1243	1248	rBV3	47643374	132968409	43.78%	14.738%
14	10.404	1256	1261	1268	rVB	709447	1072025	0.35%	0.119%
15	10.786	1315	1326	1341	rBV	21037426	37979898	12.51%	4.210%
16	11.010	1357	1364	1378	rVB	4247729	6996276	2.30%	0.775%
17	11.222	1393	1400	1421	rBV	953713	1941169	0.64%	0.215%
18	12.433	1592	1606	1616	rBV	2396327	4231535	1.39%	0.469%
19	13.057	1704	1712	1726	rBV	10158710	15198027	5.00%	1.685%
20	13.686	1811	1819	1825	rBV	1305687	1936407	0.64%	0.215%
21	13.957	1859	1865	1875	rBV	1670010	2413506	0.79%	0.268%
22	14.263	1909	1917	1925	rBV2	878502	1391218	0.46%	0.154%
23	14.580	1966	1971	1990	rVB	278437	473790	0.16%	0.053%
24	15.263	2079	2087	2102	rBV	2042108	2901302	0.96%	0.322%
25	15.404	2105	2111	2125	rBV	575703	871658	0.29%	0.097%
26	17.021	2380	2386	2396	rBV	1172701	1544693	0.51%	0.171%
27	17.121	2396	2403	2419	rBV2	2123183	3096109	1.02%	0.343%
28	19.427	2789	2795	2813	rBV	2704459	3630865	1.20%	0.402%
29	21.227	3096	3101	3109	rBV	1368897	1858839	0.61%	0.206%
30	23.297	3446	3453	3467	rBV2	2264533	4149851	1.37%	0.460%
31	23.439	3471	3477	3488	rVB	1014195	1982449	0.65%	0.220%

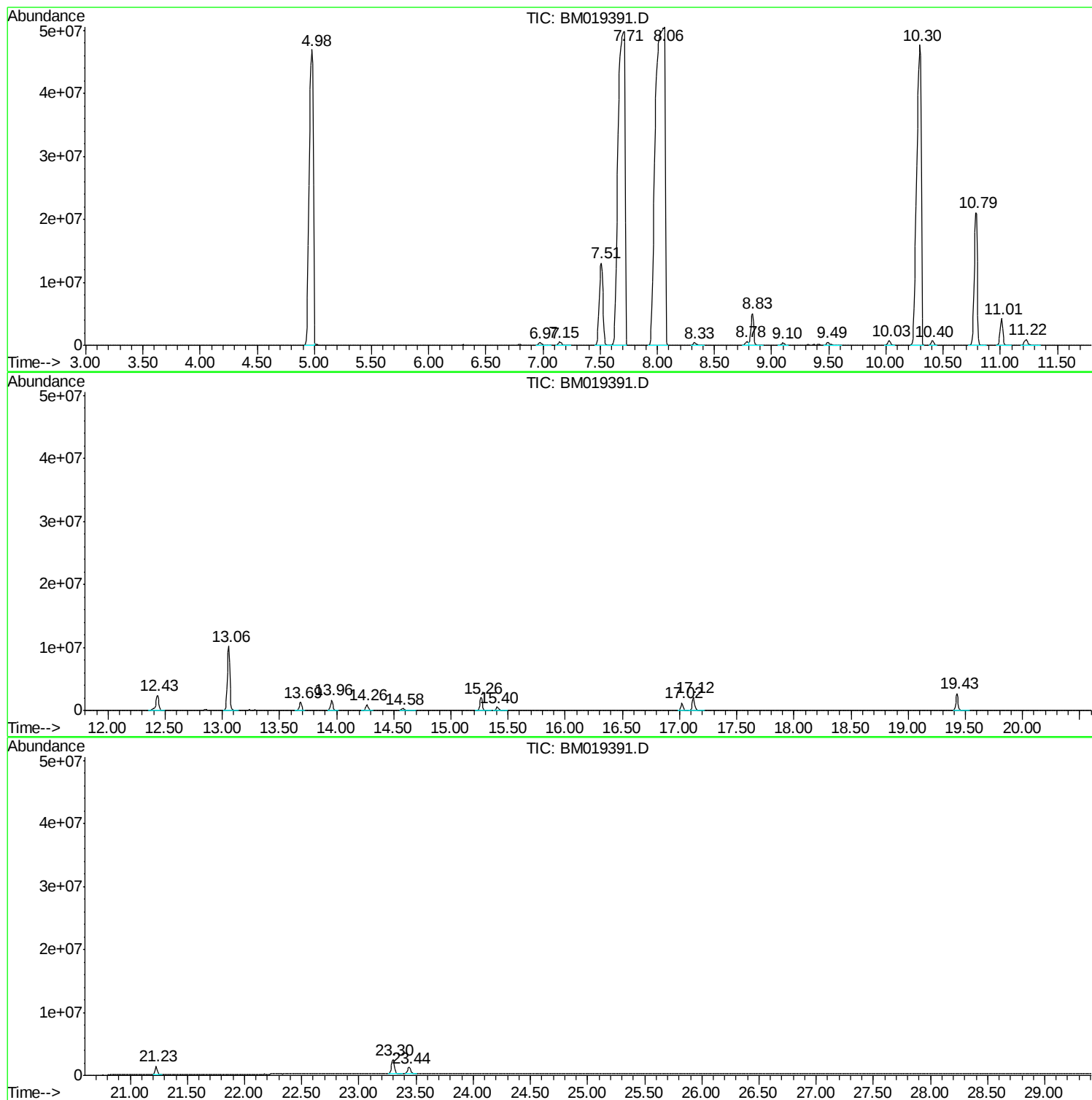
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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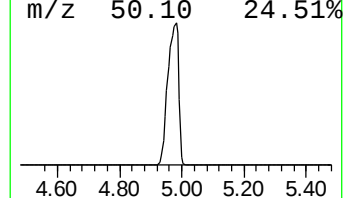
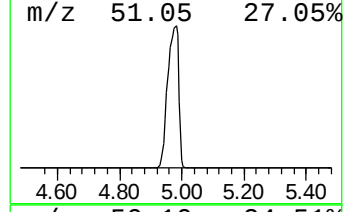
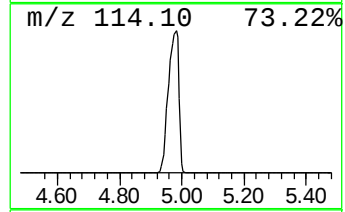
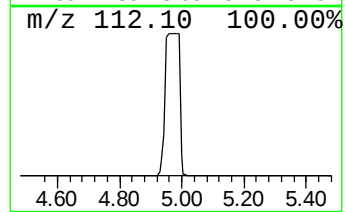
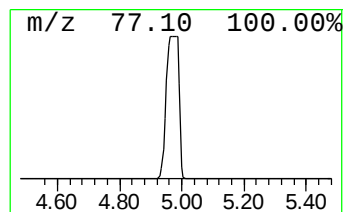
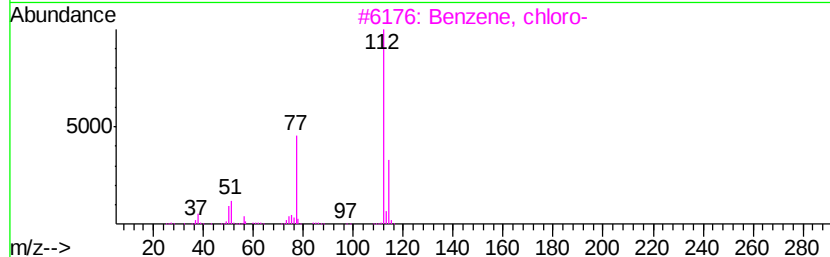
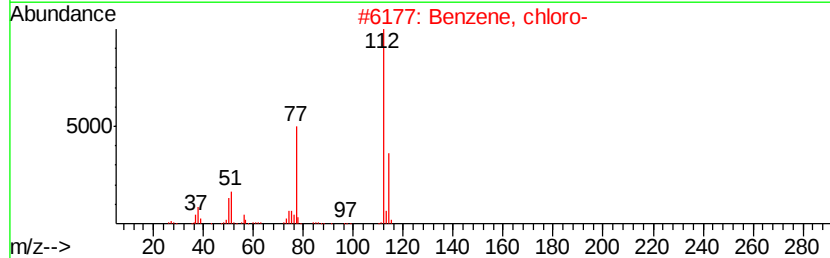
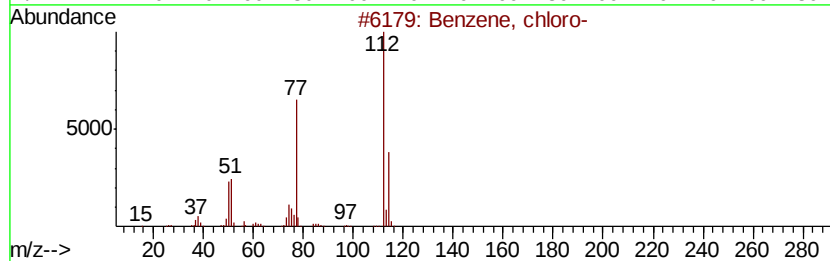
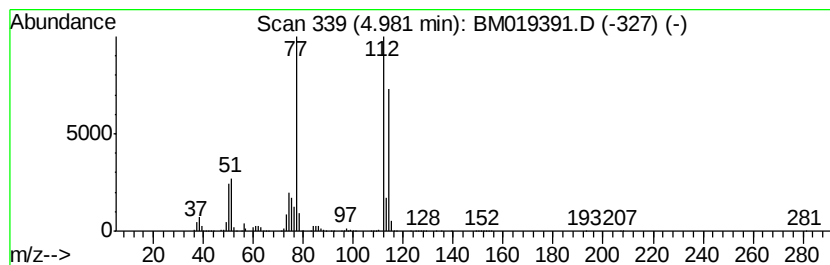
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	11.41 ng/ul	119390000	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
2		Benzene, chloro-	112	C6H5Cl	000108-90-7	68
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	58
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	53
5		3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	10



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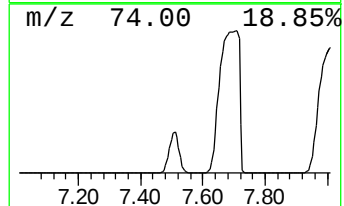
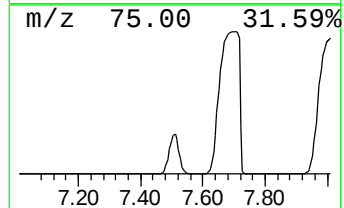
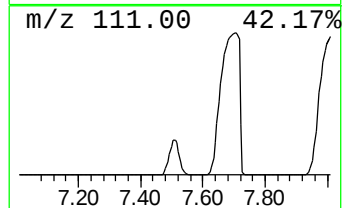
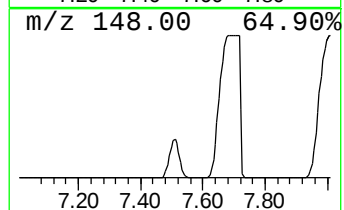
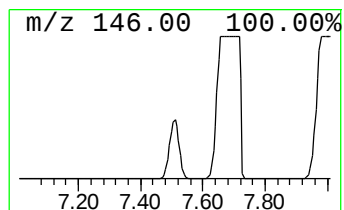
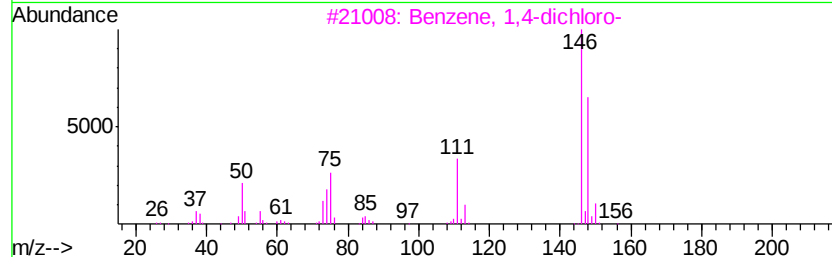
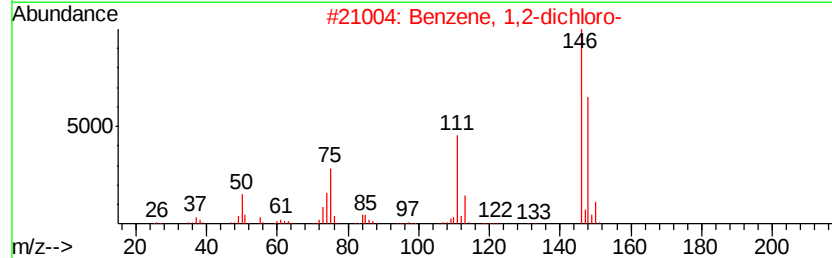
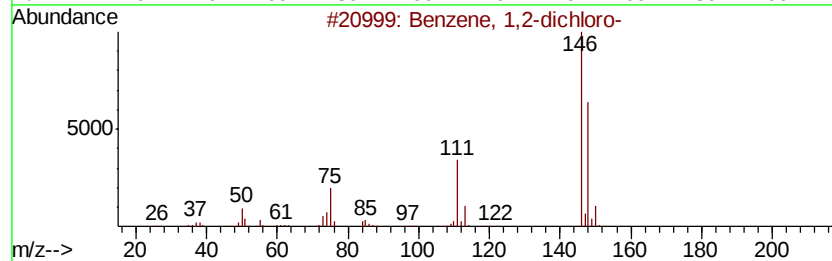
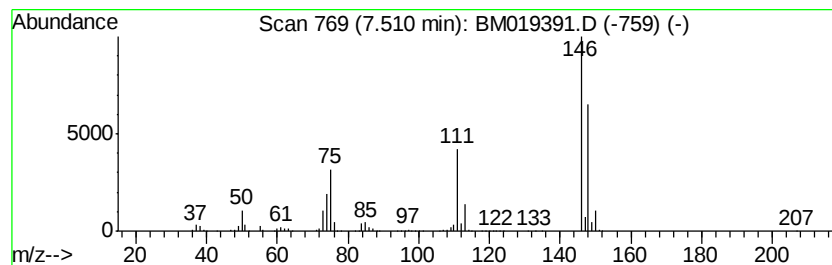
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	2.71 ng/ul	28408900	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
2		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	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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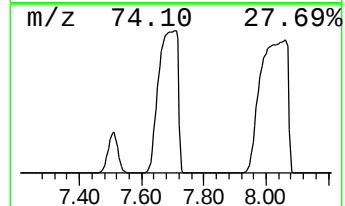
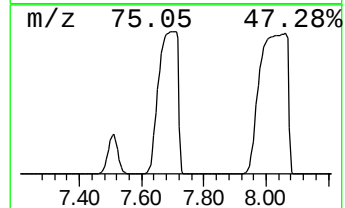
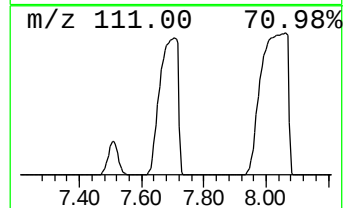
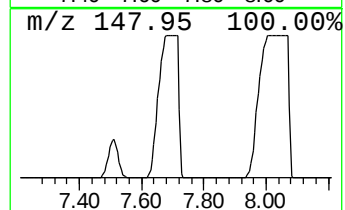
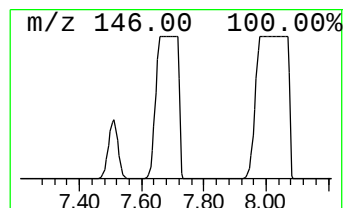
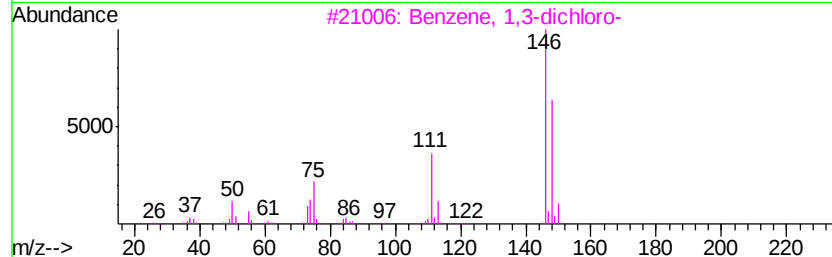
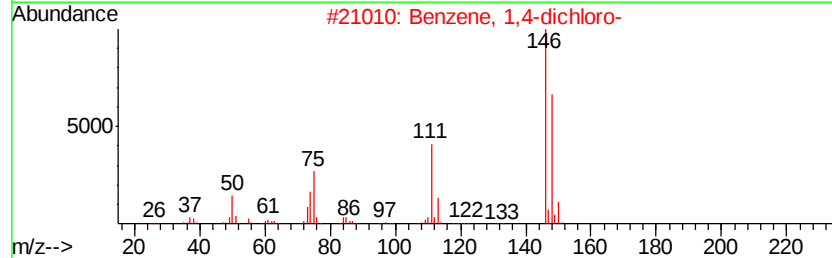
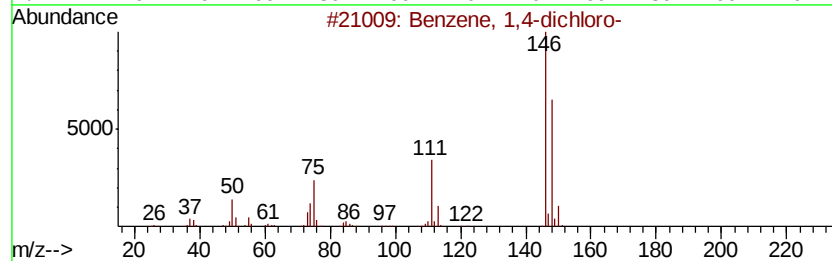
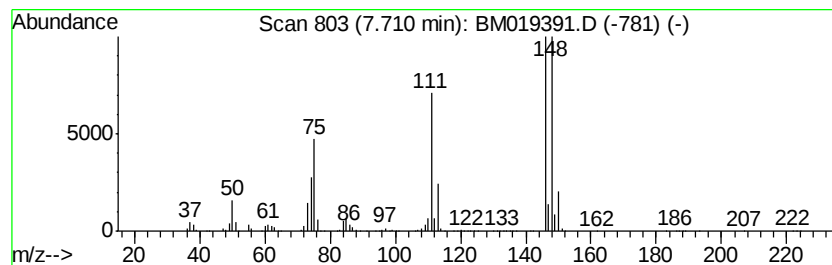
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	20.00 ng/ul	209336000	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81



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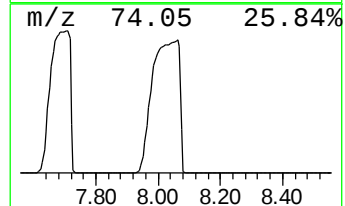
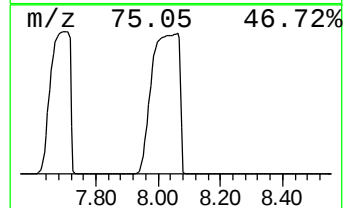
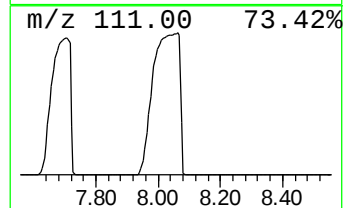
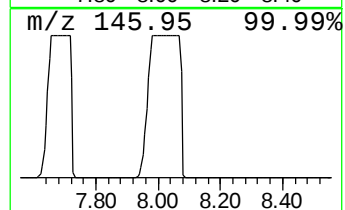
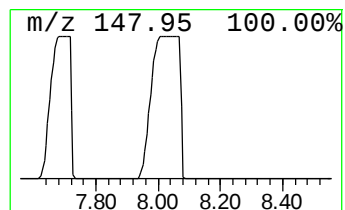
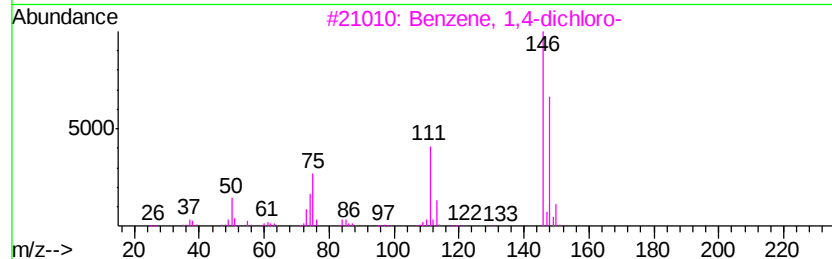
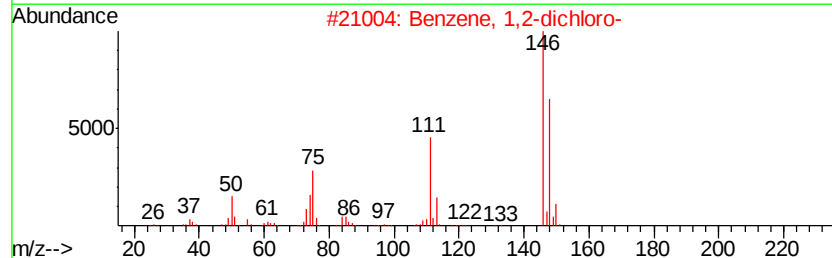
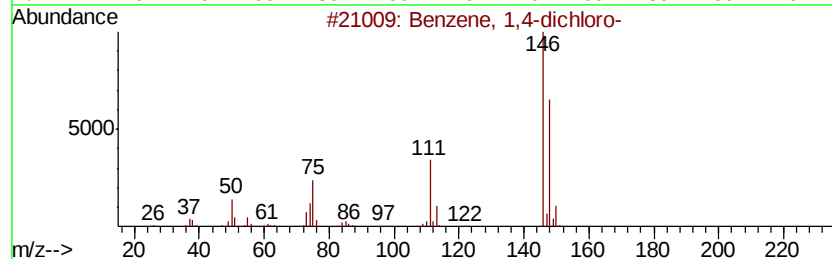
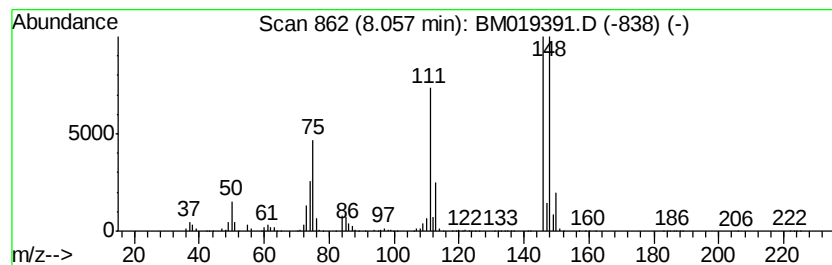
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	29.02 ng/ul	303696000	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93
2		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	93
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
4		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81



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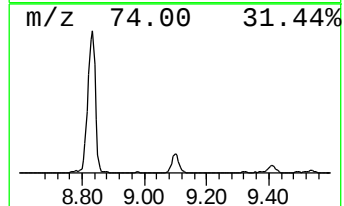
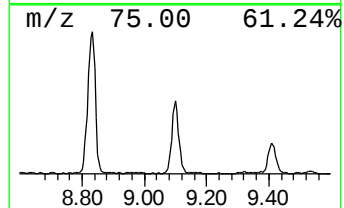
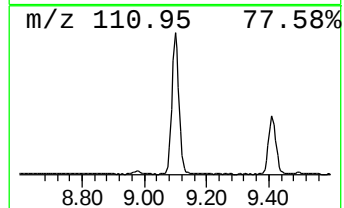
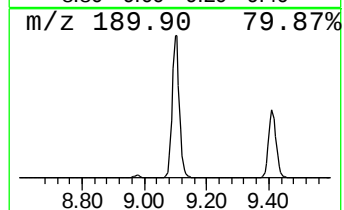
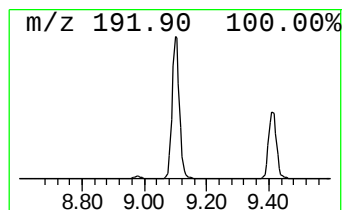
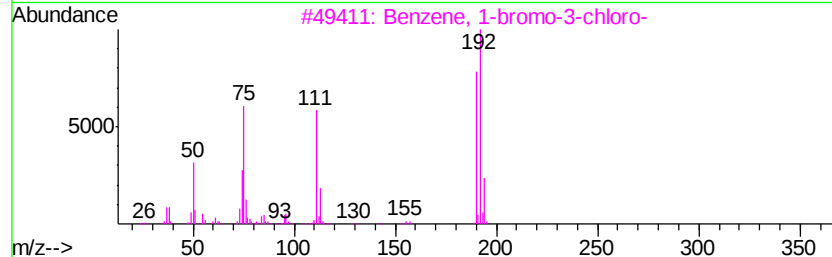
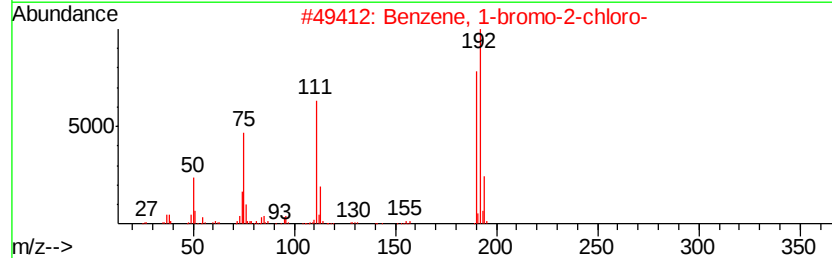
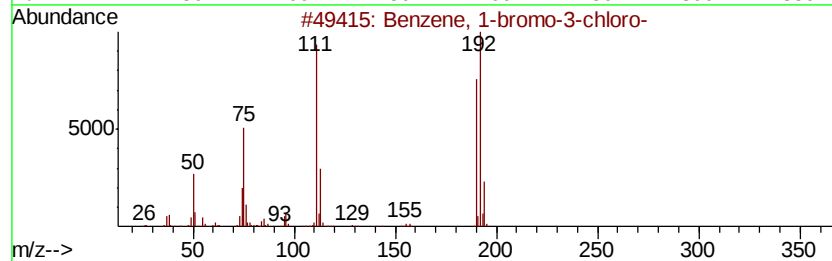
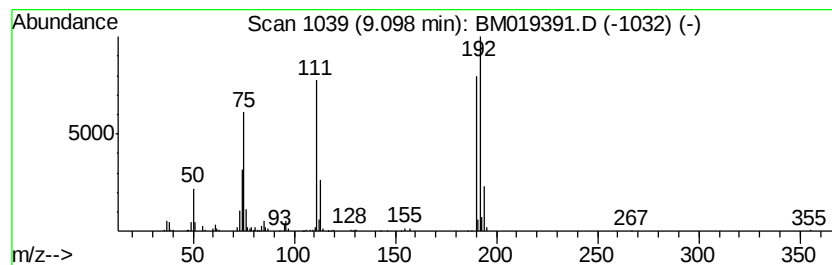
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-3-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.48 ng/ul	615114	Napthalene-d8	10.40

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



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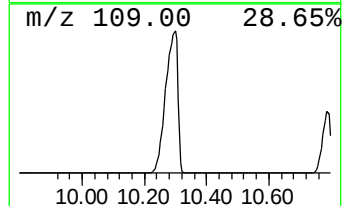
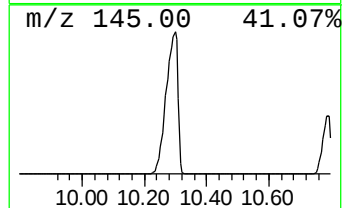
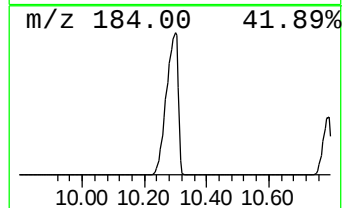
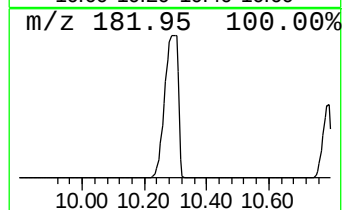
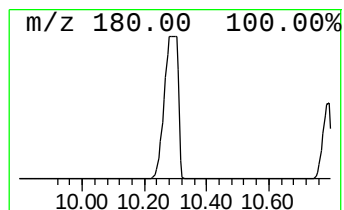
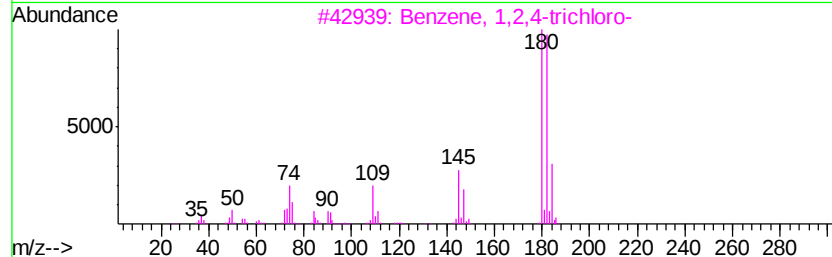
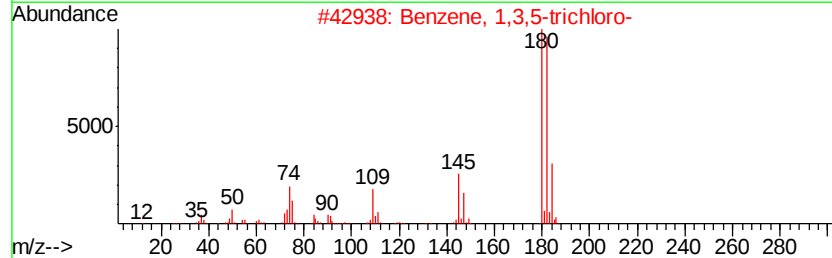
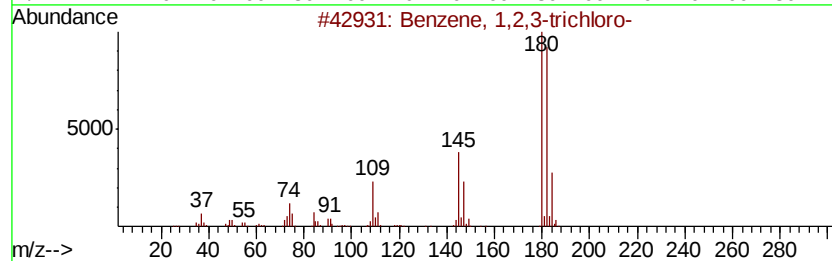
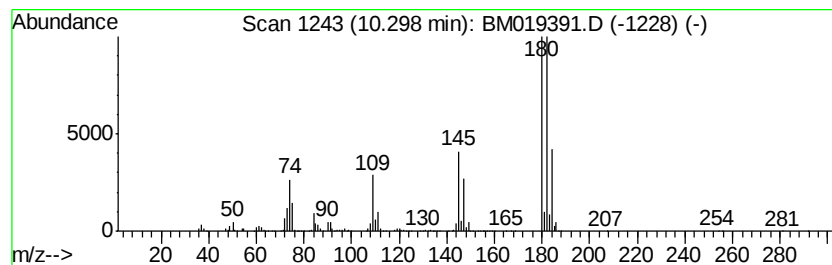
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2480.70 ng/ul	132968000	Naphthalene-d8	10.40

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019391.D
Acq On : 24 Mar 2019 14:37
Operator : JU/SJ
Sample : K2027-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989

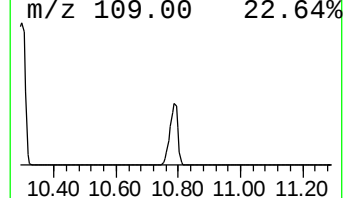
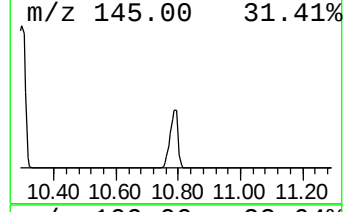
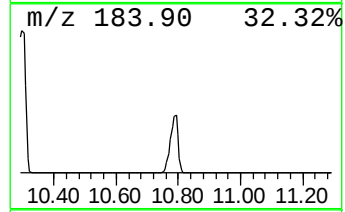
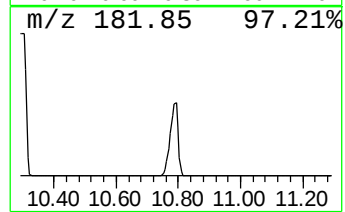
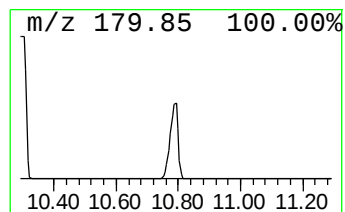
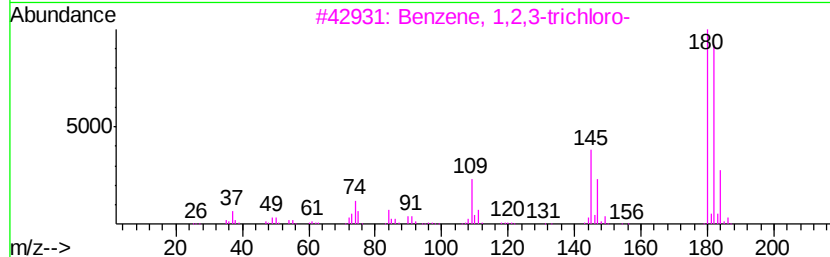
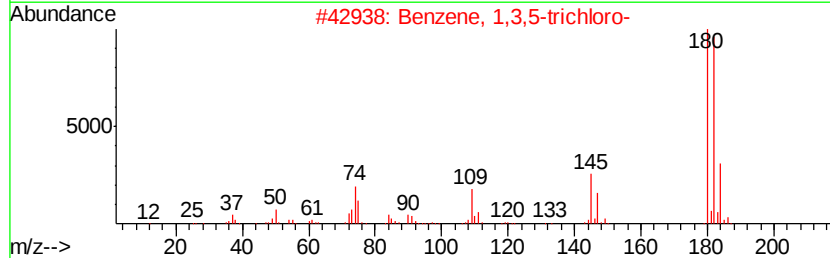
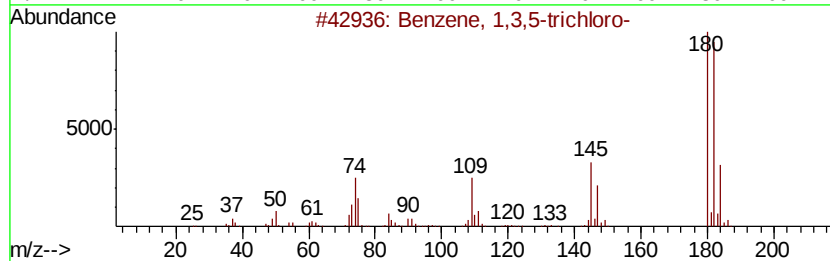
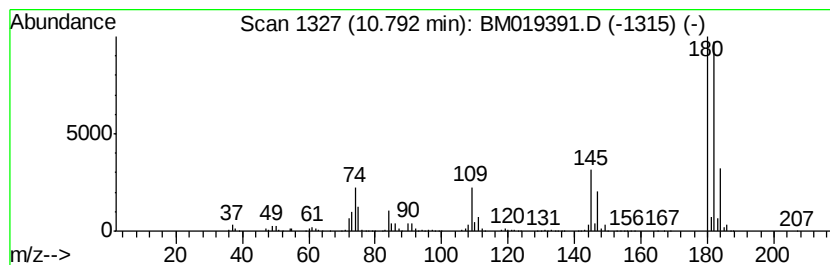
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	708.56 ng/ul	37979900	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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019391.D
Acq On : 24 Mar 2019 14:37
Operator : JU/SJ
Sample : K2027-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989

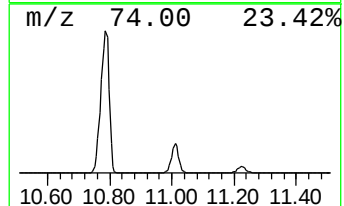
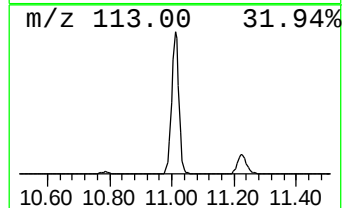
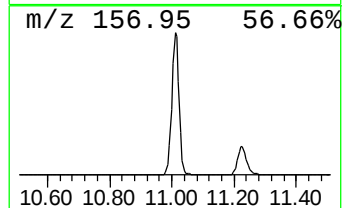
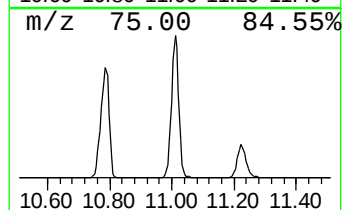
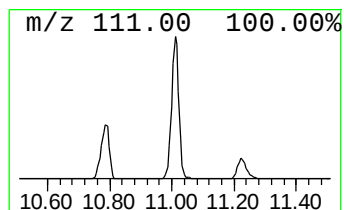
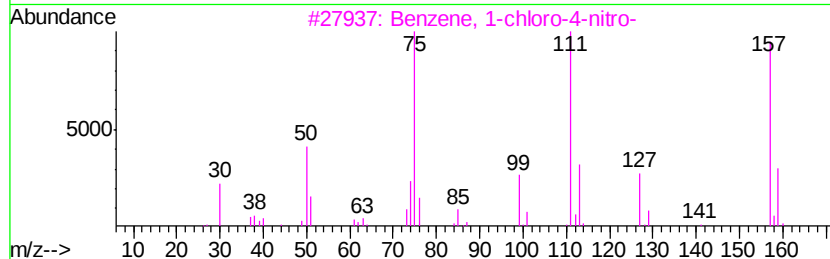
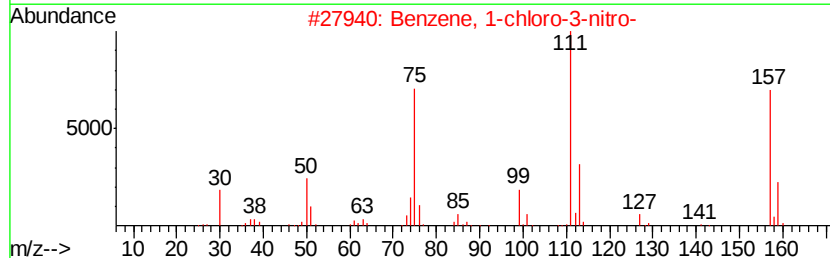
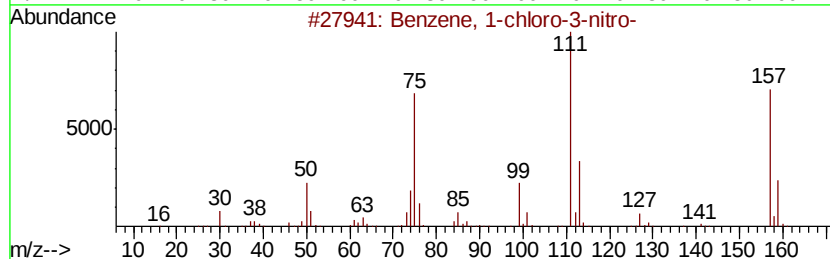
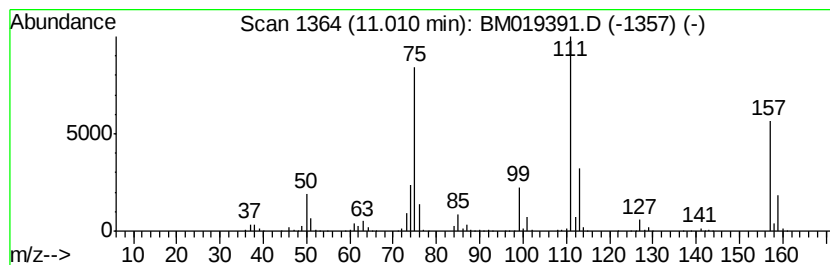
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	130.52 ng/ul	6996280	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019391.D
Acq On : 24 Mar 2019 14:37
Operator : JU/SJ
Sample : K2027-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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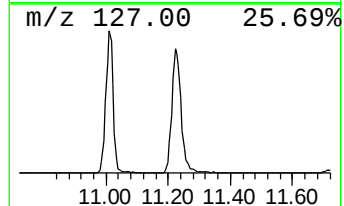
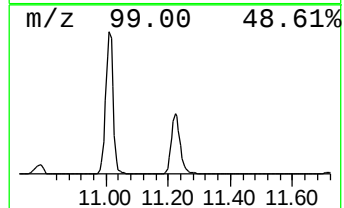
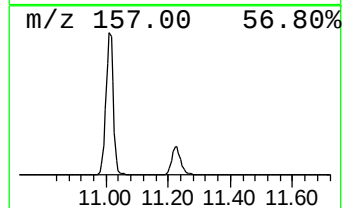
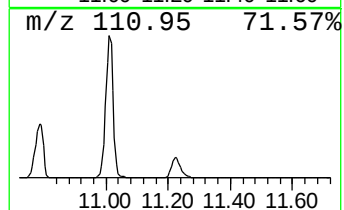
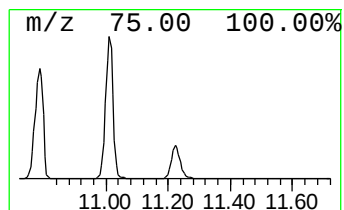
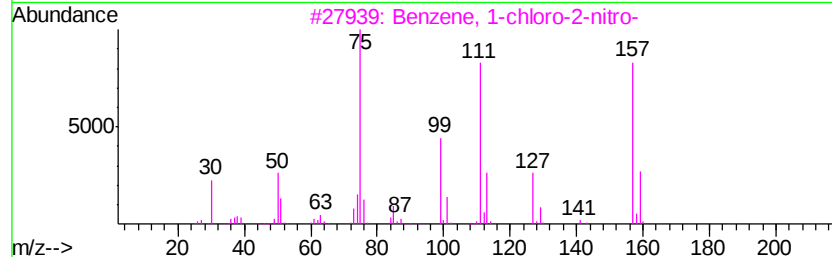
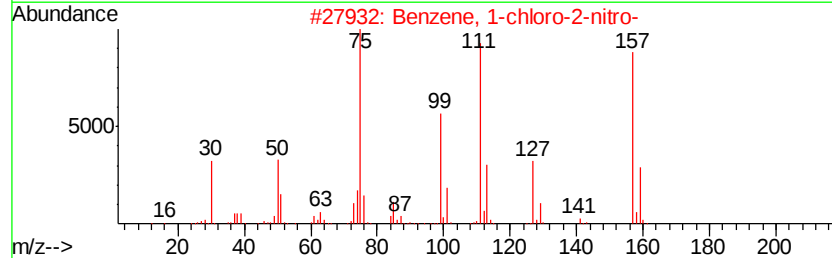
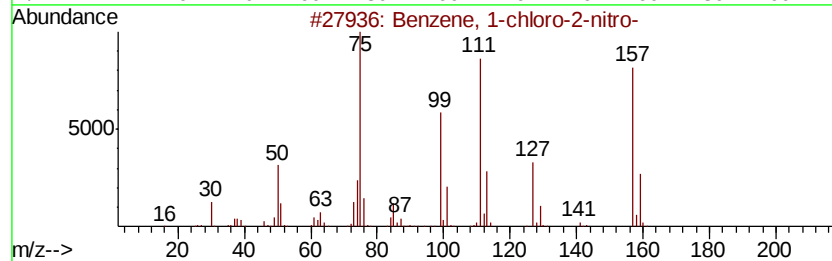
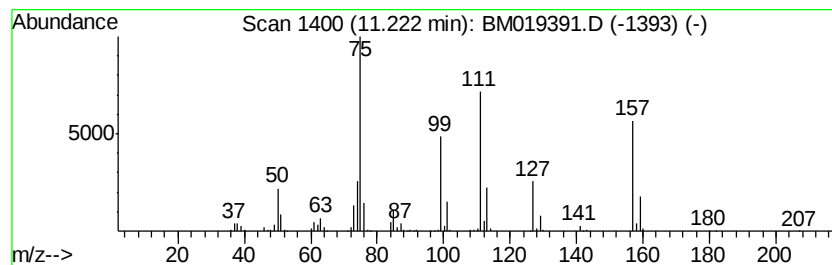
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	36.22 ng/ul	1941170	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019391.D
Acq On : 24 Mar 2019 14:37
Operator : JU/SJ
Sample : K2027-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989

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-	4.98	11.4	ng/ul	119390000	1	7.65	209336000	20.0
Benzene, 1,2-dich...	7.51	2.7	ng/ul	28408900	1	7.65	209336000	20.0
Benzene, 1,4-dich...	7.71	20.0	ng/ul	209336000	1	7.65	209336000	20.0
unknown-01	8.06	29.0	ng/ul	303696000	1	7.65	209336000	20.0
Benzene, 1-bromo-...	9.10	11.5	ng/ul	615114	2	10.40	1072030	20.0
Benzene, 1,2,3-tr...	10.30	2480.7	ng/ul	132968000	2	10.40	1072030	20.0
Benzene, 1,3,5-tr...	10.79	708.6	ng/ul	37979900	2	10.40	1072030	20.0
Benzene, 1-chloro...	11.01	130.5	ng/ul	6996280	2	10.40	1072030	20.0
Benzene, 1-chloro...	11.22	36.2	ng/ul	1941170	2	10.40	1072030	20.0