

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
 Data File : BM019424.D
 Acq On : 25 Mar 2019 10:45
 Operator : JU/SJ
 Sample : K2027-10DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0989DL

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	4.963	327	336	341	rBV2	40481306	72464958	36.80%	13.264%
2	6.963	671	676	690	rBV	226516	395209	0.20%	0.072%
3	7.145	700	707	720	rVB	253426	432436	0.22%	0.079%
4	7.498	758	767	780	rBV	8053617	13516019	6.86%	2.474%
5	7.681	780	798	802	rBV2	47879737	132891544	67.48%	24.325%
6	8.022	836	856	860	rBV4	49448200	196931640	100.00%	36.047%
7	8.322	900	907	918	rBV2	158104	308082	0.16%	0.056%
8	8.775	978	984	986	rBV	305915	449223	0.23%	0.082%
9	8.822	986	992	1014	rVB	2458152	4101739	2.08%	0.751%
10	9.092	1032	1038	1048	rVB	179359	291230	0.15%	0.053%
11	9.492	1100	1106	1120	rBV	218838	430306	0.22%	0.079%
12	10.022	1188	1196	1206	rBV	344113	605368	0.31%	0.111%
13	10.275	1227	1239	1244	rBV	36671850	74431637	37.80%	13.624%
14	10.398	1253	1260	1266	rVB	708816	1146080	0.58%	0.210%
15	10.774	1313	1324	1336	rBV	11489051	18296080	9.29%	3.349%
16	11.004	1356	1363	1381	rVB	2052098	3352602	1.70%	0.614%
17	11.222	1392	1400	1415	rBV	441444	926179	0.47%	0.170%
18	12.427	1591	1605	1615	rBV	1178312	2043364	1.04%	0.374%
19	13.051	1703	1711	1724	rBV	4809371	7302079	3.71%	1.337%
20	13.680	1812	1818	1826	rBV	629566	897790	0.46%	0.164%
21	13.957	1858	1865	1875	rBV	767813	1130947	0.57%	0.207%
22	14.262	1911	1917	1926	rBV2	997640	1475272	0.75%	0.270%
23	14.580	1961	1971	1976	rBV	126418	210654	0.11%	0.039%
24	15.262	2081	2087	2098	rBV	974564	1384454	0.70%	0.253%
25	15.409	2107	2112	2124	rBV	154989	270786	0.14%	0.050%
26	17.021	2380	2386	2395	rBV	1179661	1638510	0.83%	0.300%
27	17.121	2397	2403	2415	rVV2	963504	1466503	0.74%	0.268%
28	19.427	2789	2795	2804	rBV	1213424	1700362	0.86%	0.311%
29	21.227	3095	3101	3108	rBV	1451995	1951183	0.99%	0.357%
30	23.297	3447	3453	3463	rBV2	1068220	1887411	0.96%	0.345%
31	23.438	3471	3477	3488	rVB	1061155	1991859	1.01%	0.365%

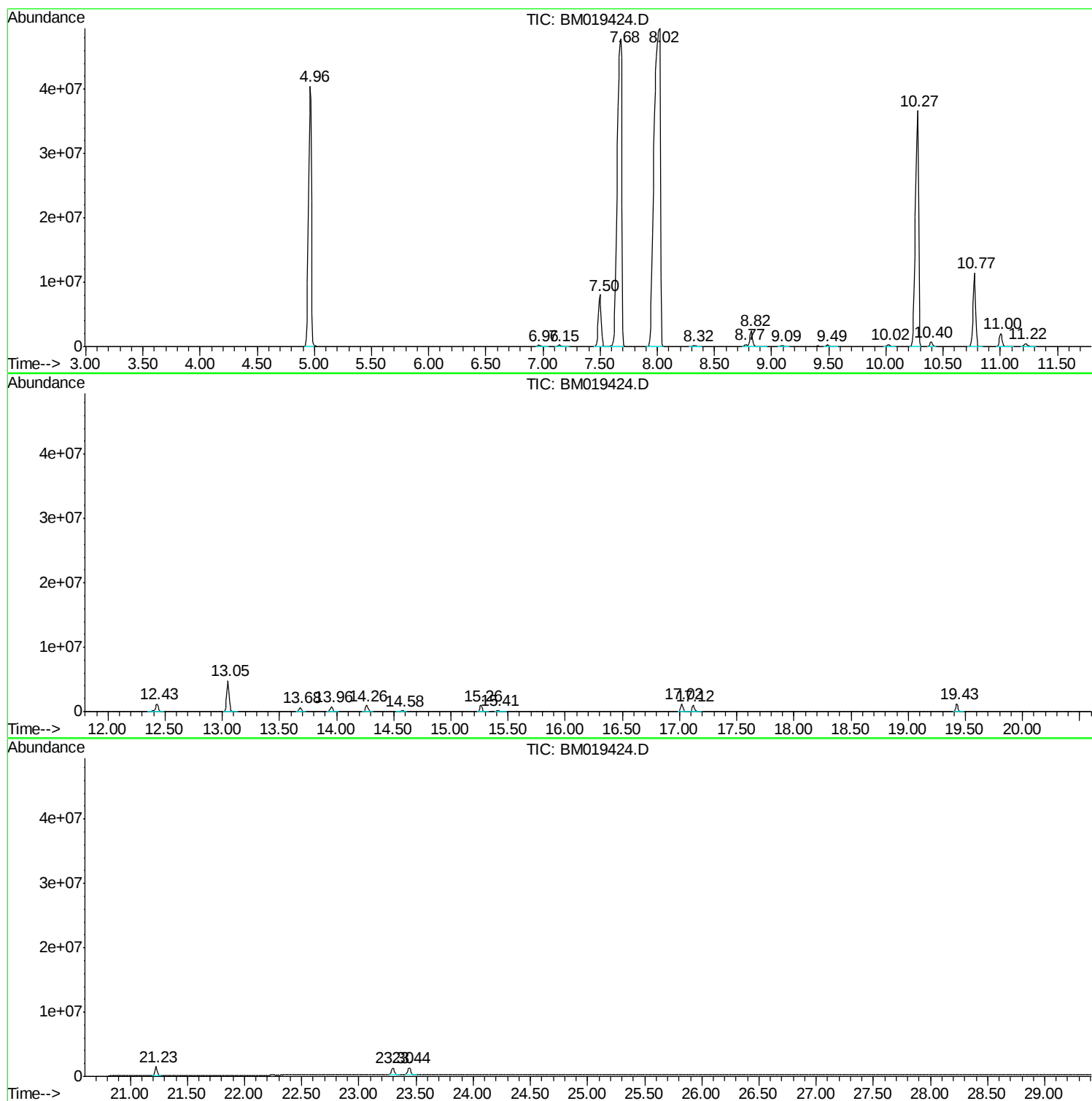
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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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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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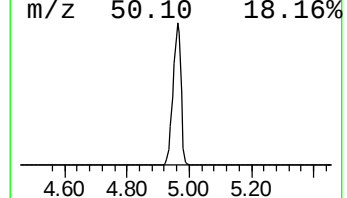
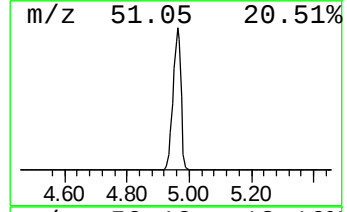
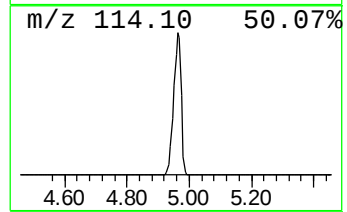
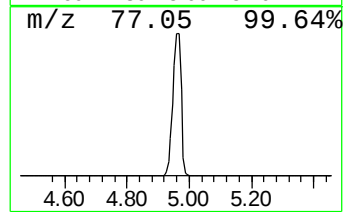
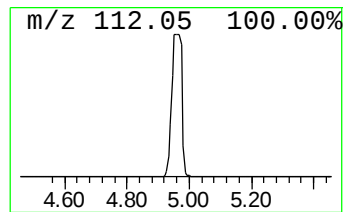
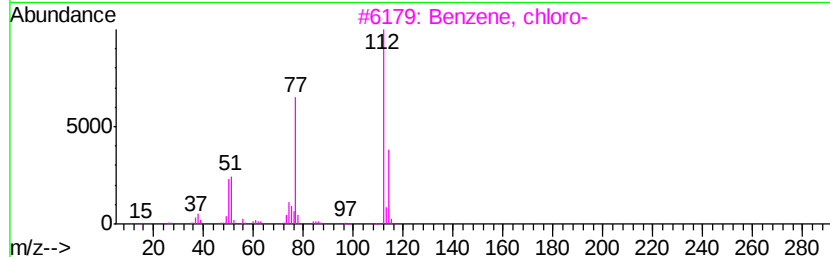
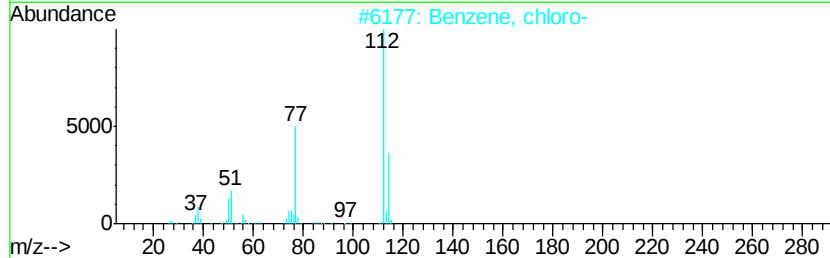
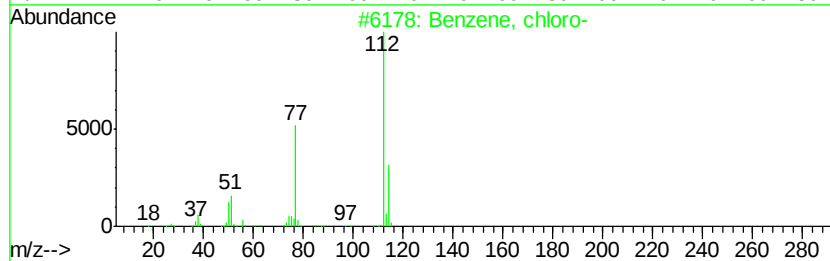
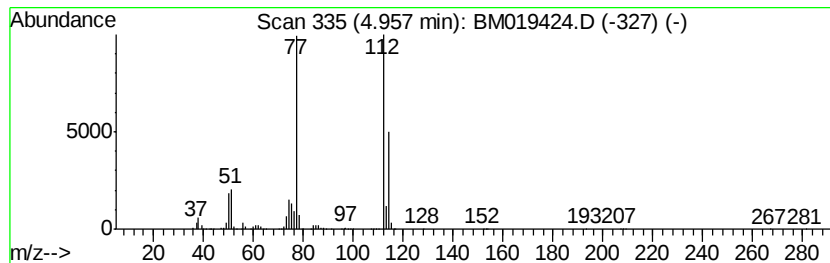
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	10.91 ng/ul	72465000	1,4-Dichlorobenzene-d4	7.62

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	90
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	90
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	86
5		Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	14



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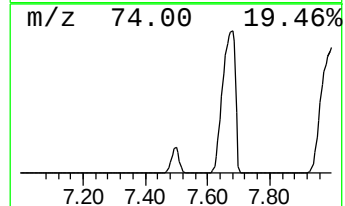
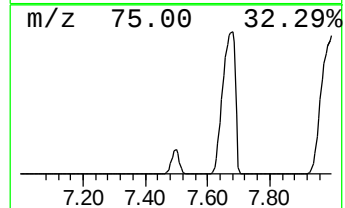
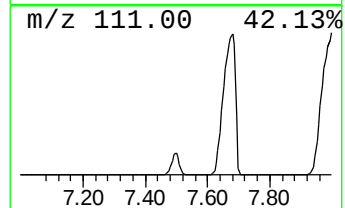
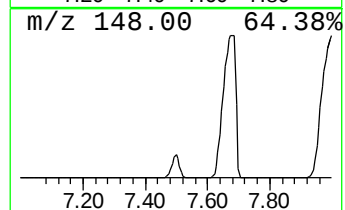
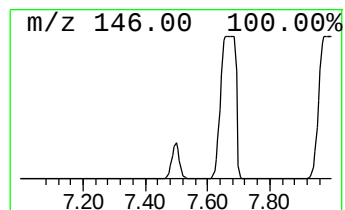
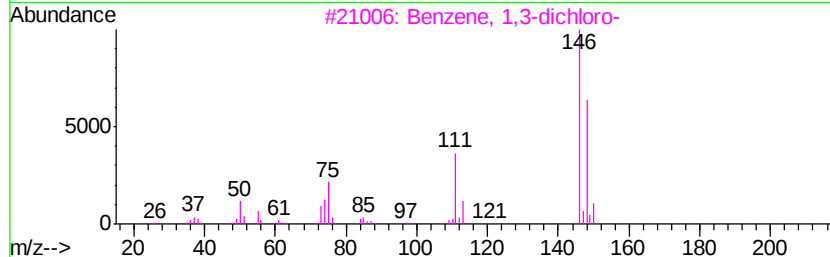
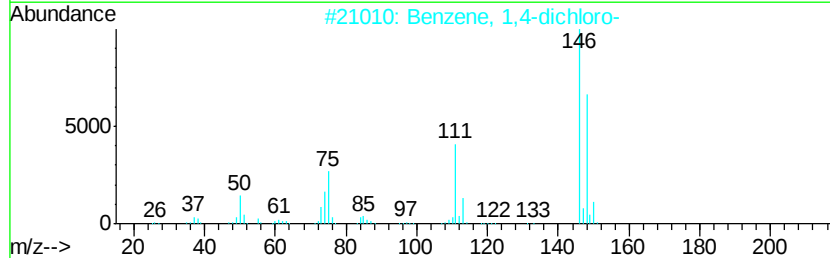
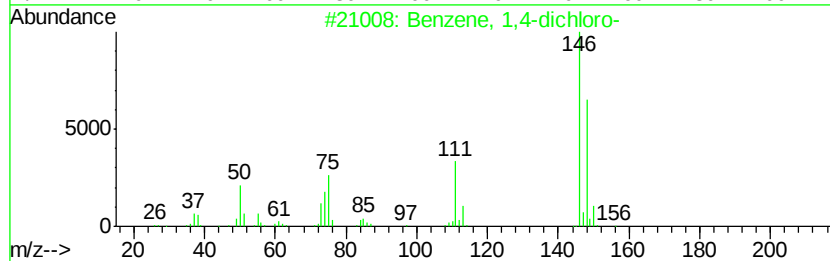
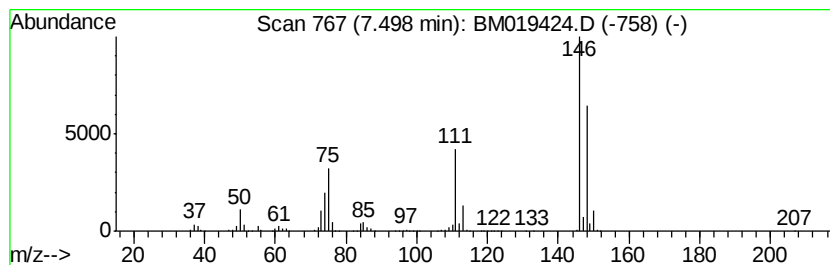
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.03 ng/ul	13516000	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
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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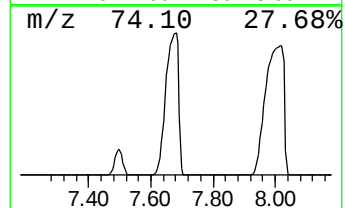
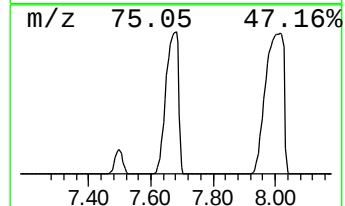
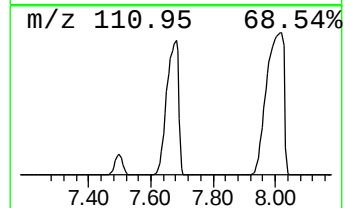
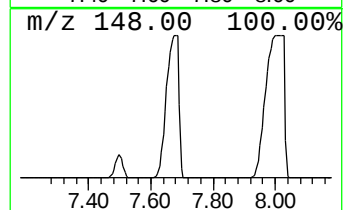
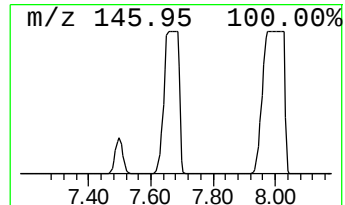
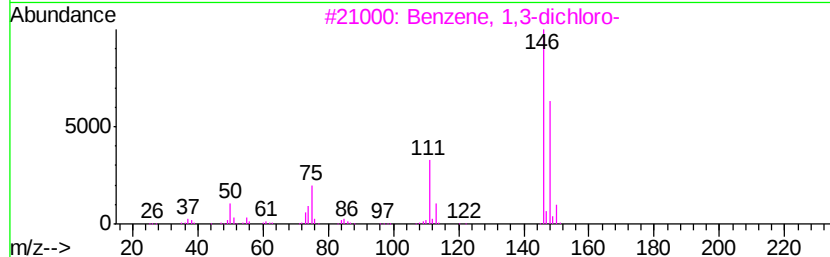
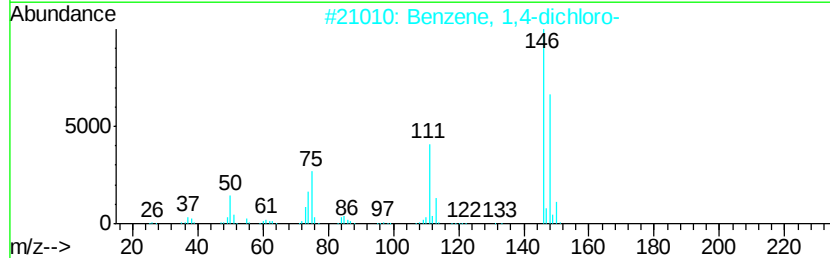
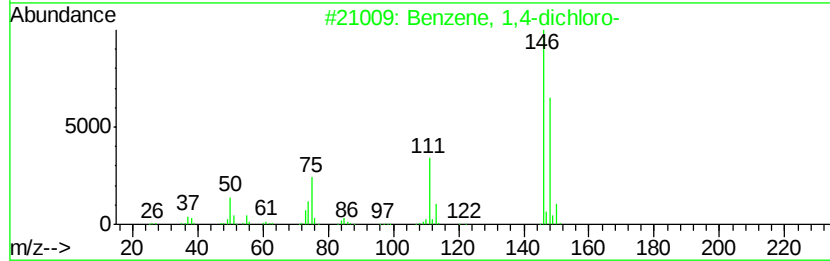
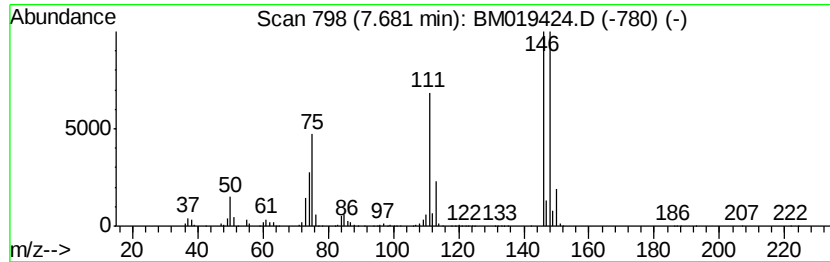
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	20.00 ng/ul	132892000	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81



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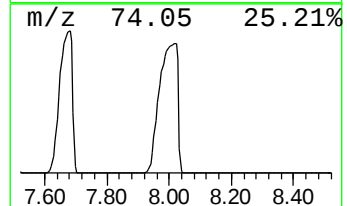
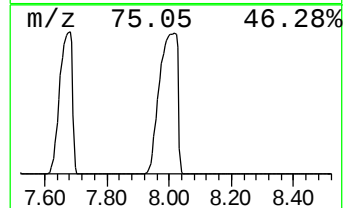
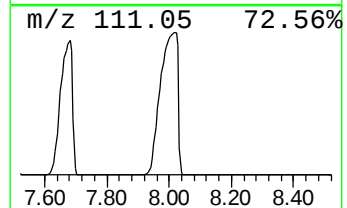
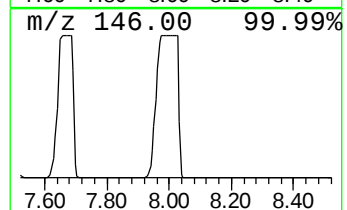
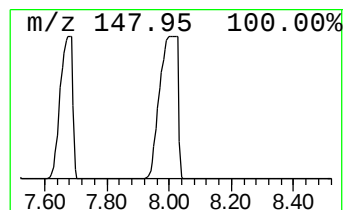
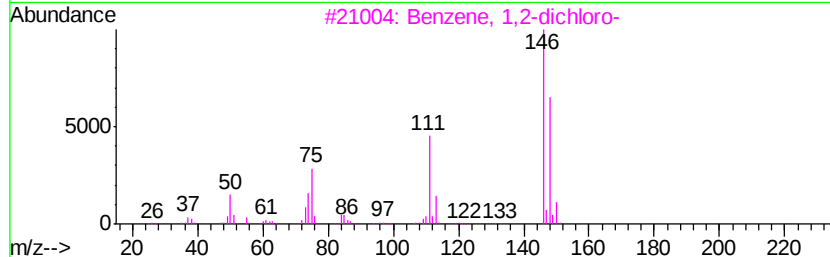
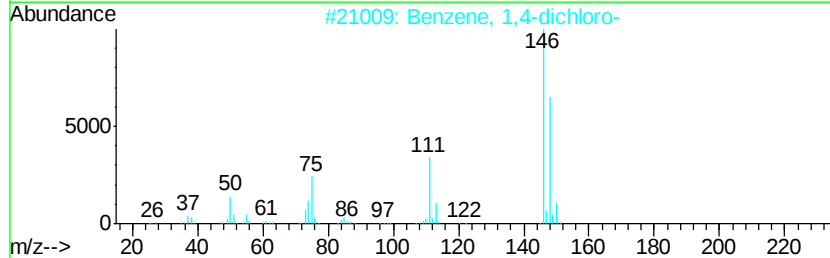
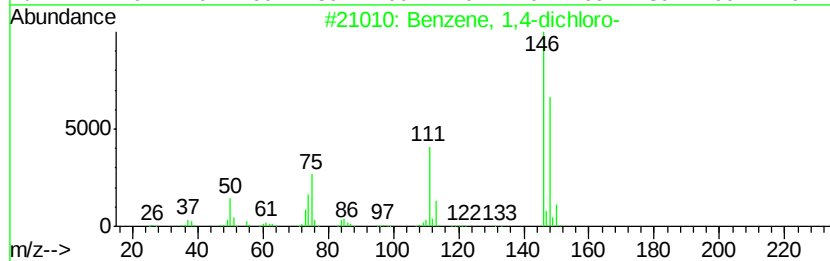
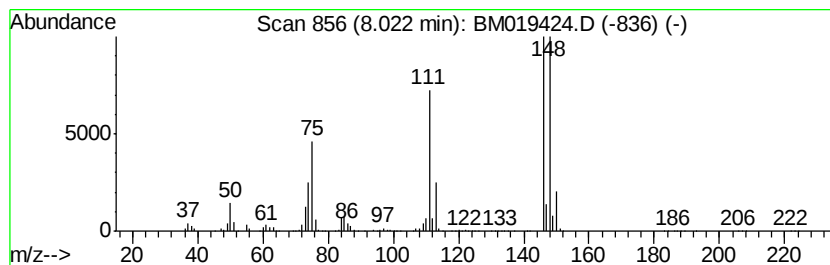
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Peak Number 4 Benzene, 1,2-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	29.64 ng/ul	196932000	1,4-Dichlorobenzene-d4	7.62

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	90
3		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81



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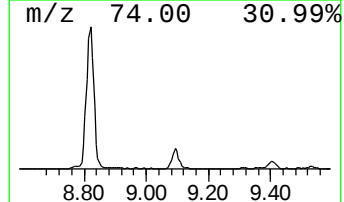
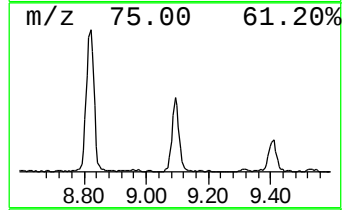
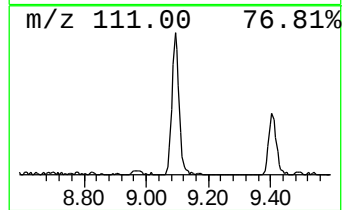
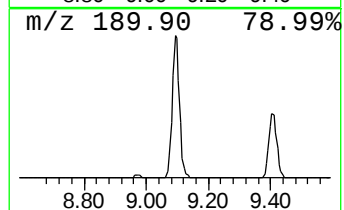
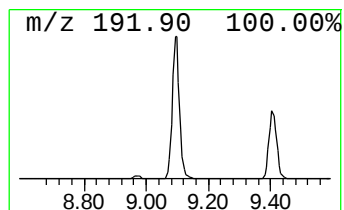
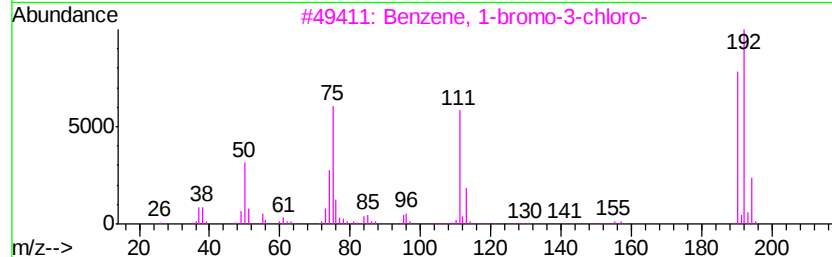
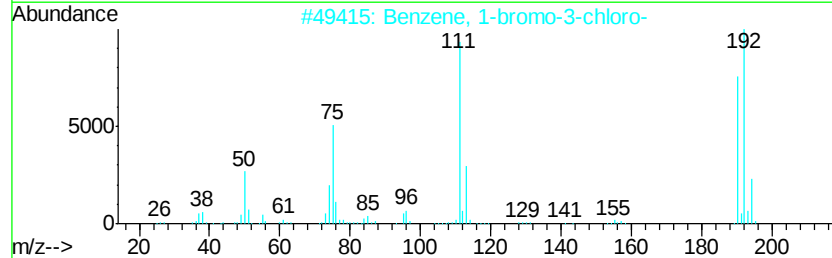
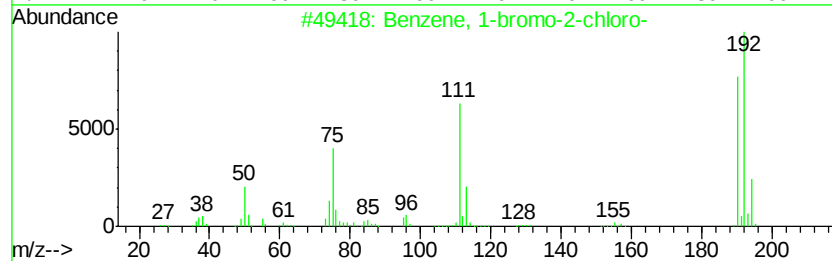
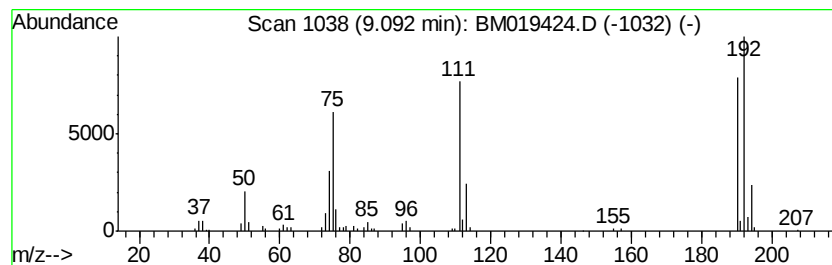
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	5.08 ng/ul	291230	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-3-chloro-	190	C6H4BrCl	000108-37-2	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96



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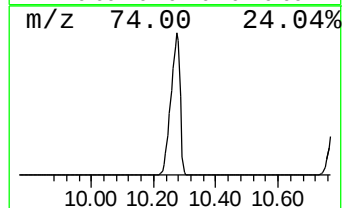
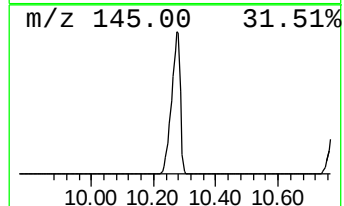
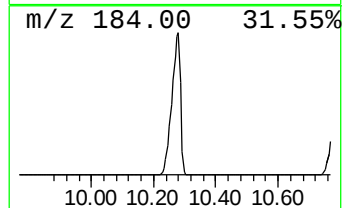
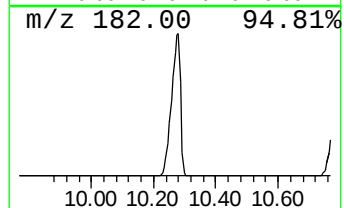
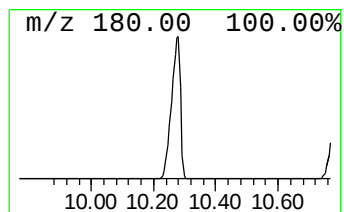
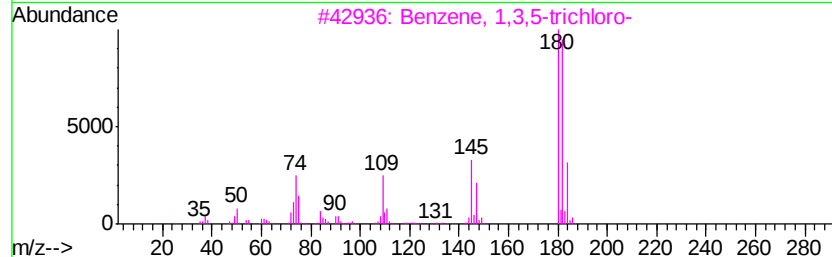
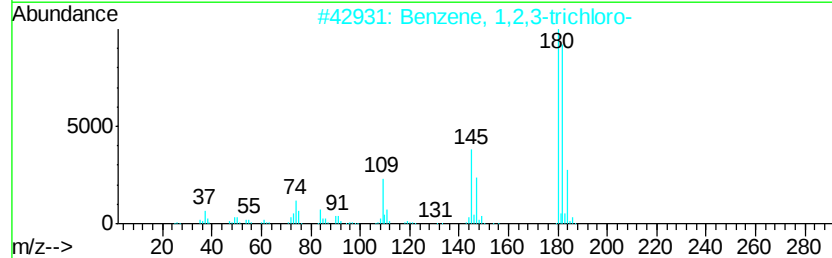
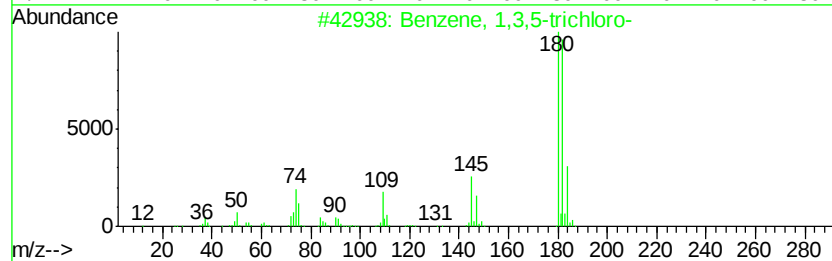
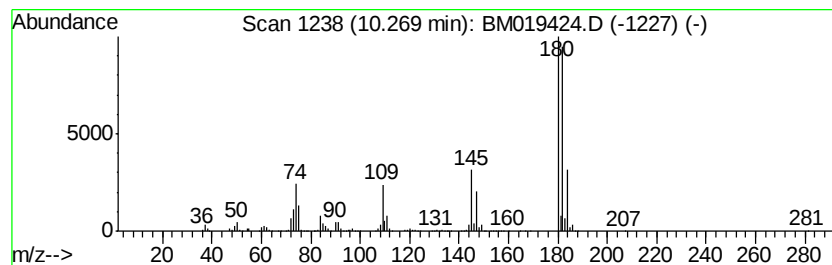
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	1298.89 ng/ul	74431600	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	96
4		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019424.D
Acq On : 25 Mar 2019 10:45
Operator : JU/SJ
Sample : K2027-10DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989DL

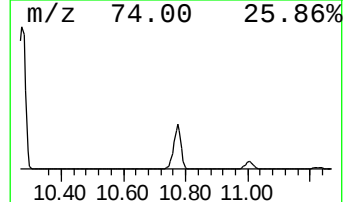
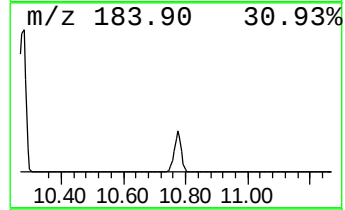
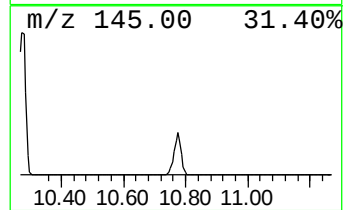
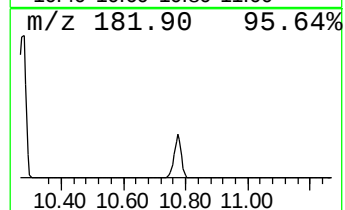
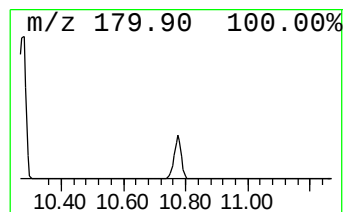
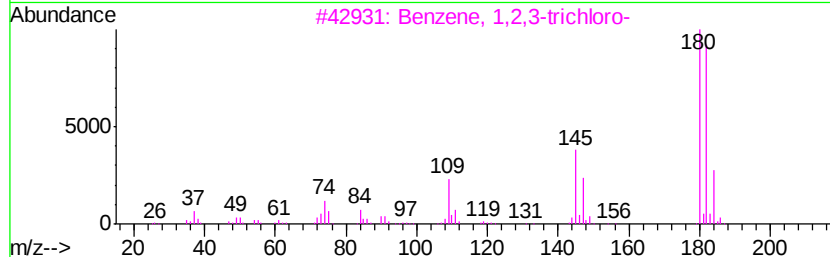
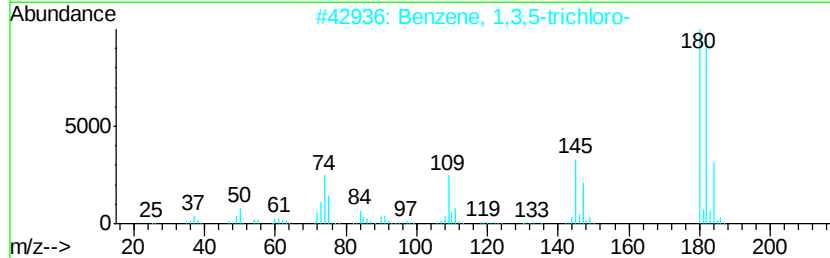
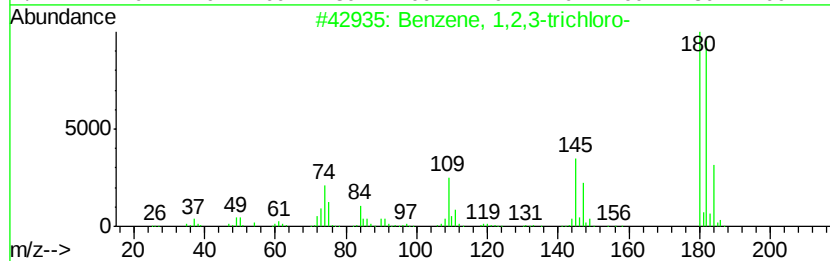
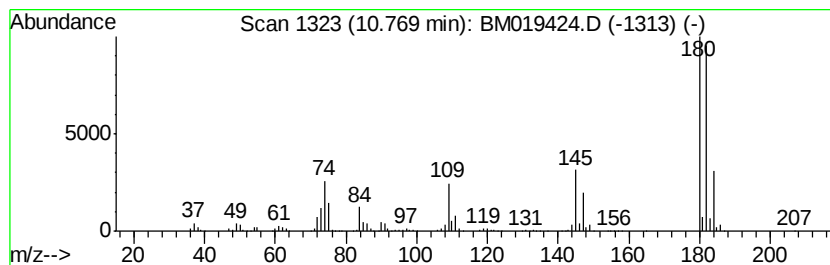
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	319.28 ng/ul	18296100	Naphthalene-d8	10.40

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019424.D
Acq On : 25 Mar 2019 10:45
Operator : JU/SJ
Sample : K2027-10DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989DL

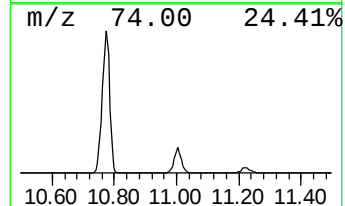
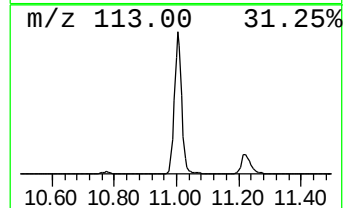
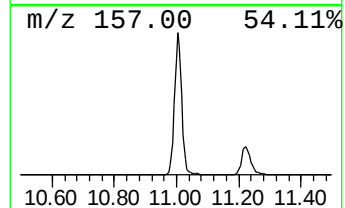
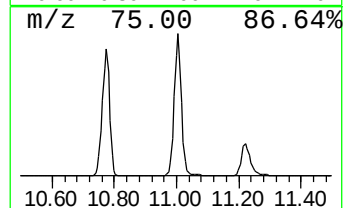
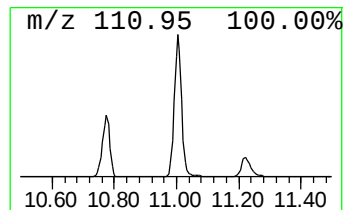
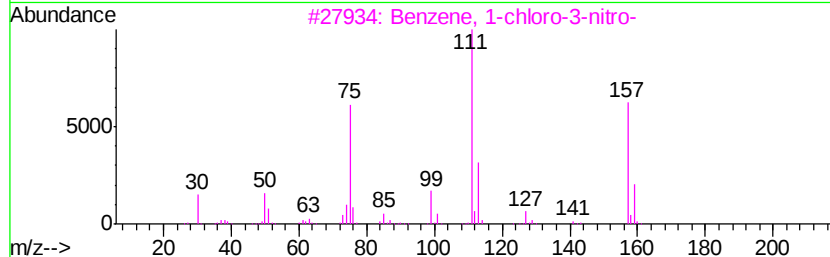
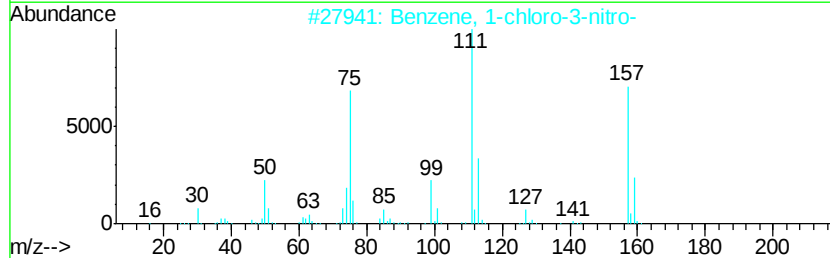
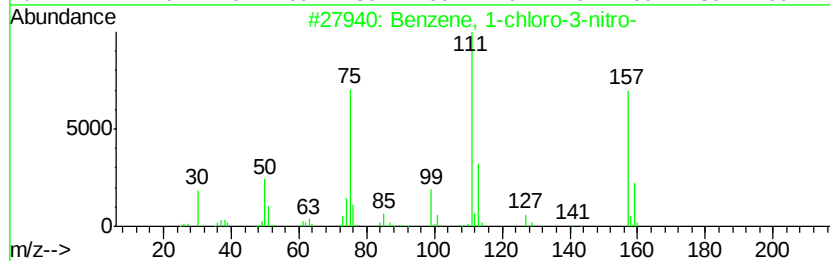
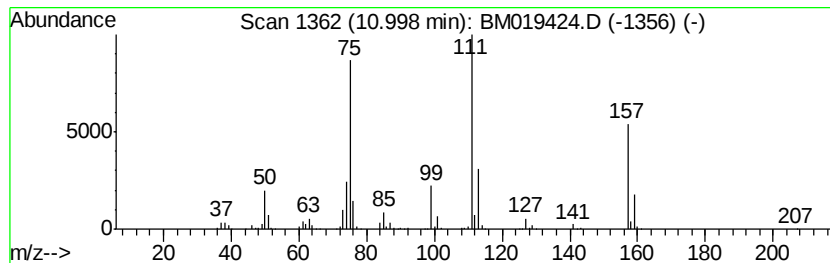
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Quant Title : SVOA CALIBRATION

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.
11.00	58.51 ng/ul	3352600	Naphthalene-d8	10.40

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-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019424.D
Acq On : 25 Mar 2019 10:45
Operator : JU/SJ
Sample : K2027-10DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989DL

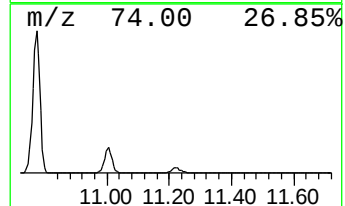
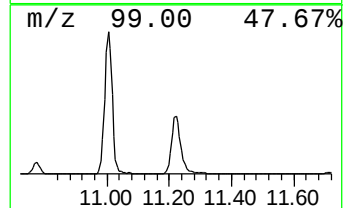
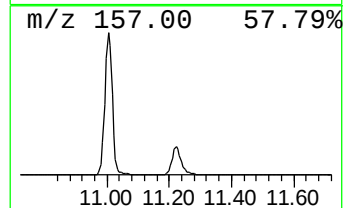
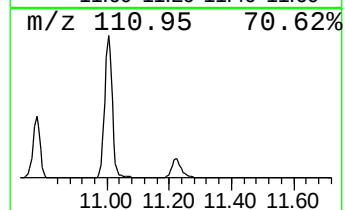
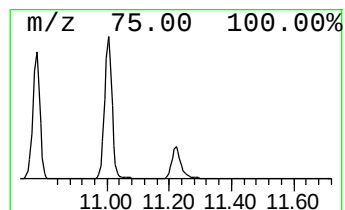
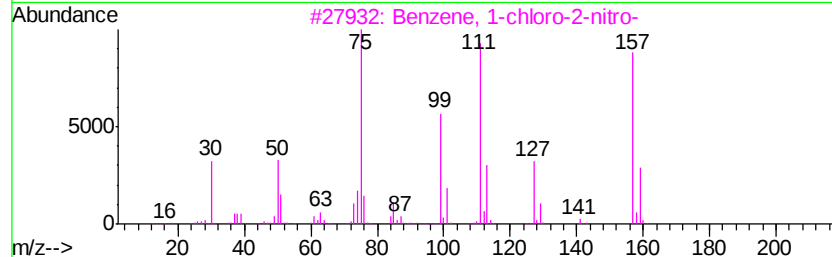
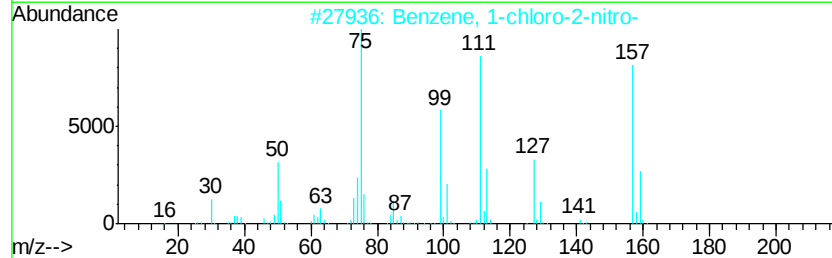
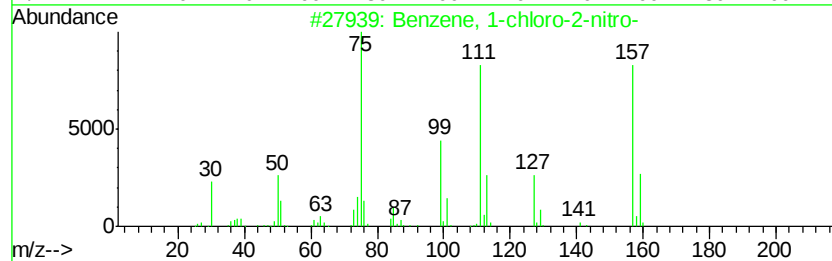
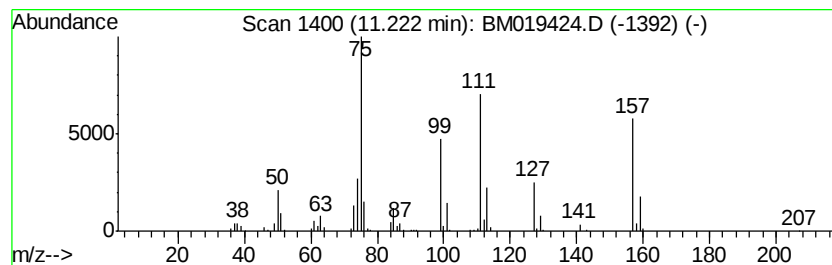
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	16.16 ng/ul	926179	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
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	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
Data File : BM019424.D
Acq On : 25 Mar 2019 10:45
Operator : JU/SJ
Sample : K2027-10DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0989DL

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-	4.96	10.9	ng/ul	72465000	1	7.62	132892000	20.0
Benzene, 1,4-dich...	7.50	2.0	ng/ul	13516000	1	7.62	132892000	20.0
Benzene, 1,3-dich...	7.68	20.0	ng/ul	132892000	1	7.62	132892000	20.0
Benzene, 1,2-dich...	8.02	29.6	ng/ul	196932000	1	7.62	132892000	20.0
Benzene, 1-bromo-...	9.09	5.1	ng/ul	291230	2	10.40	1146080	20.0
Benzene, 1,3,5-tr...	10.27	1298.9	ng/ul	74431600	2	10.40	1146080	20.0
unknown-01	10.77	319.3	ng/ul	18296100	2	10.40	1146080	20.0
Benzene, 1-chloro...	11.00	58.5	ng/ul	3352600	2	10.40	1146080	20.0
Benzene, 1-chloro...	11.22	16.2	ng/ul	926179	2	10.40	1146080	20.0