

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019473.D
 Acq On : 26 Mar 2019 16:50
 Operator : JU/SJ
 Sample : K2027-16DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E2DL

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	326	336	341	rBV3	43099332	85807713	100.00%	30.864%
2	6.957	669	675	689	rBV	84481	157705	0.18%	0.057%
3	7.140	701	706	718	rBV	103217	173636	0.20%	0.062%
4	7.487	758	765	778	rBV	6863105	10468407	12.20%	3.765%
5	7.651	778	793	809	rVV	27721931	47723400	55.62%	17.166%
6	7.969	835	847	852	rBV	28724844	54251642	63.22%	19.514%
7	8.328	902	908	916	rBV2	54144	108623	0.13%	0.039%
8	8.775	978	984	989	rBV	92488	170463	0.20%	0.061%
9	9.087	1031	1037	1049	rBV	300164	526616	0.61%	0.189%
10	9.310	1069	1075	1079	rBV	87441	139944	0.16%	0.050%
11	9.357	1079	1083	1087	rVV	92279	198266	0.23%	0.071%
12	9.398	1087	1090	1100	rVV	162731	267021	0.31%	0.096%
13	9.487	1100	1105	1109	rVV2	68289	121158	0.14%	0.044%
14	10.022	1190	1196	1202	rBV	98539	172687	0.20%	0.062%
15	10.263	1226	1237	1252	rBV	28274232	51013200	59.45%	18.349%
16	10.387	1252	1258	1265	rVV	793853	1248921	1.46%	0.449%
17	10.769	1313	1323	1336	rBV	7155904	11898256	13.87%	4.280%
18	12.392	1592	1599	1601	rBV2	96991	151798	0.18%	0.055%
19	12.428	1601	1605	1614	rVB	341154	554064	0.65%	0.199%
20	13.045	1703	1710	1724	rBV	1532245	2424465	2.83%	0.872%
21	13.680	1813	1818	1826	rBV	205997	333318	0.39%	0.120%
22	13.951	1857	1864	1874	rBV	268438	419444	0.49%	0.151%
23	14.257	1909	1916	1928	rBV2	990255	1574747	1.84%	0.566%
24	15.263	2081	2087	2096	rBV	355214	546298	0.64%	0.196%
25	17.015	2379	2385	2397	rBV	1228828	1718538	2.00%	0.618%
26	17.121	2397	2403	2420	rVB	304047	537760	0.63%	0.193%
27	19.421	2789	2794	2804	rBV	409319	620443	0.72%	0.223%
28	21.221	3095	3100	3114	rBV	1400876	1974685	2.30%	0.710%
29	23.292	3447	3452	3462	rVB	377372	679876	0.79%	0.245%
30	23.433	3470	3476	3489	rVB	1013433	2032053	2.37%	0.731%

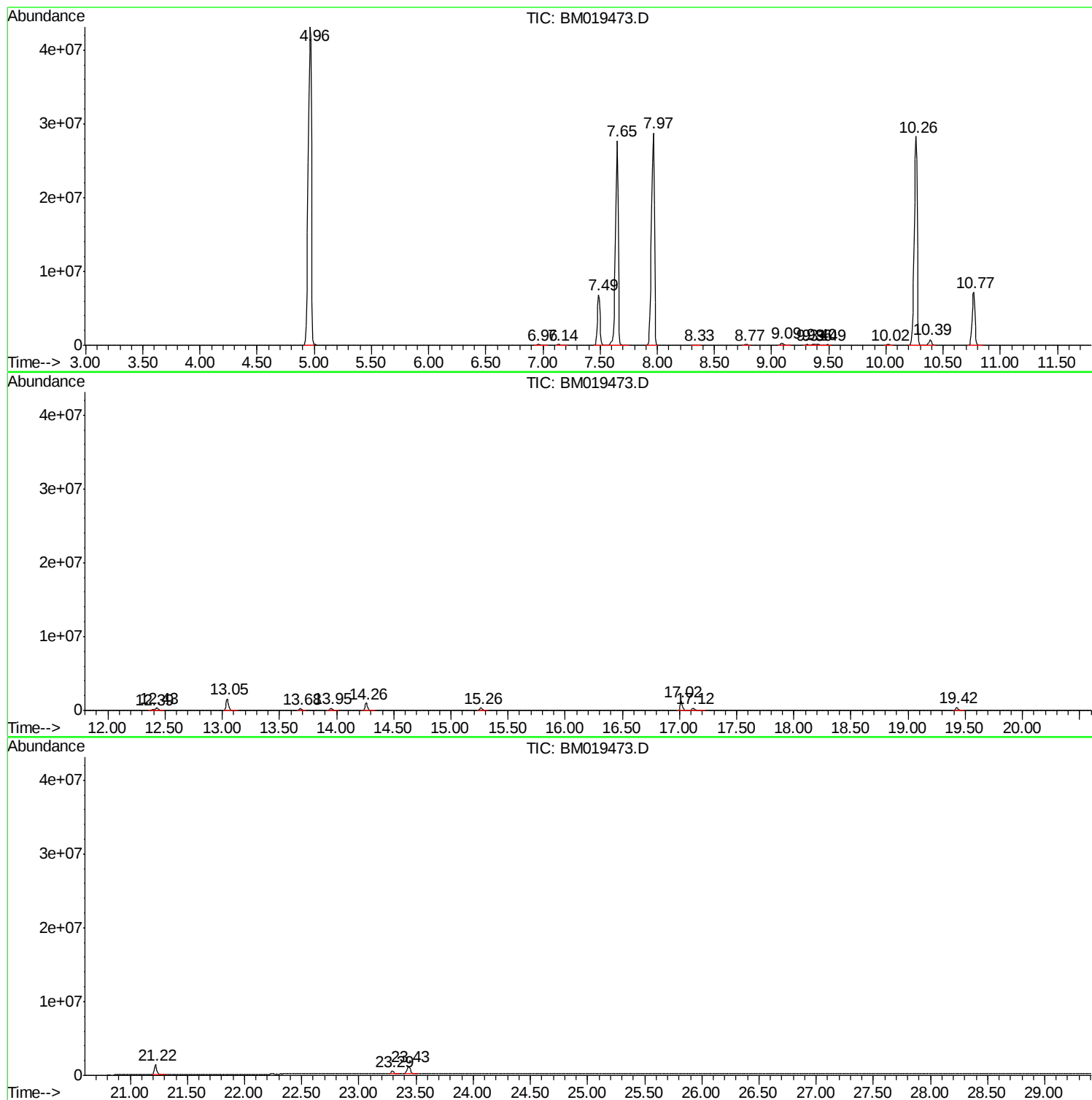
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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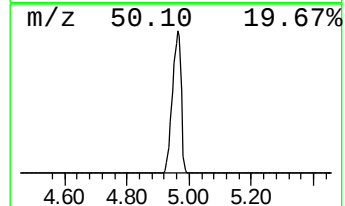
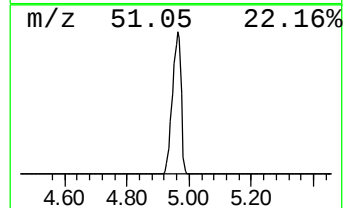
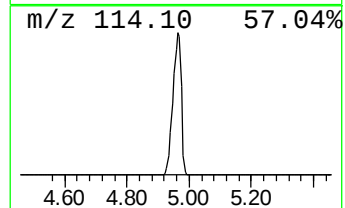
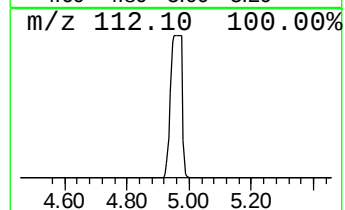
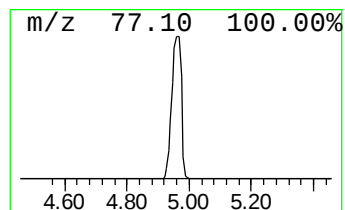
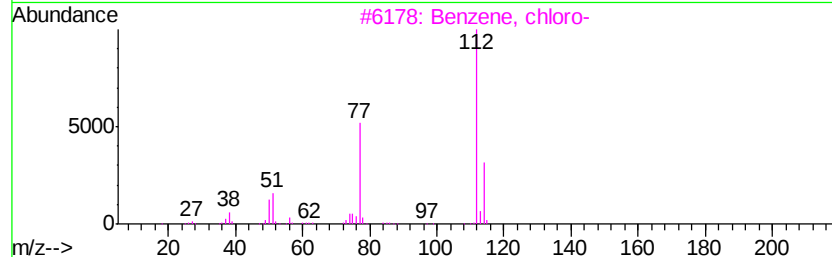
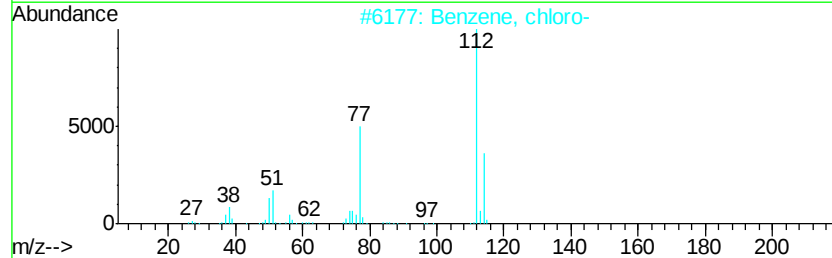
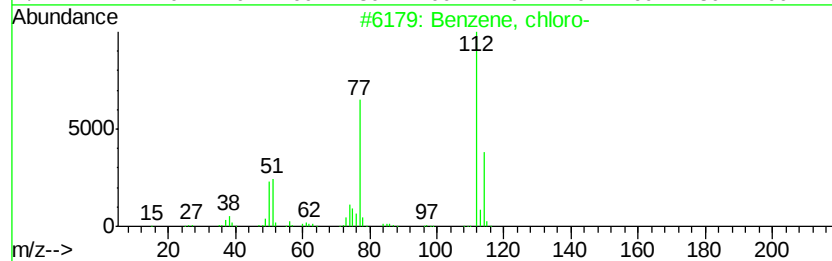
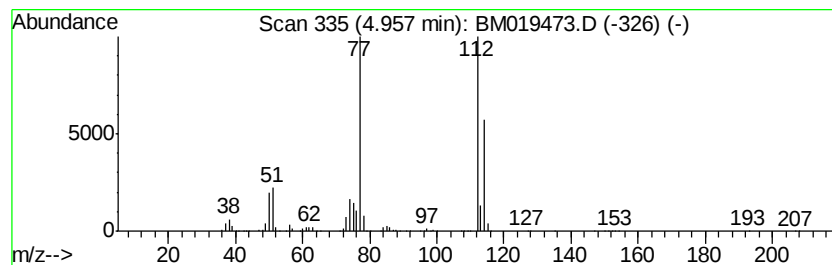
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	35.96 ng/ul	85807700	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, chloro-	112	C6H5Cl	000108-90-7	90
2			Benzene, chloro-	112	C6H5Cl	000108-90-7	87
3			Benzene, chloro-	112	C6H5Cl	000108-90-7	86
4			Benzene, chloro-	112	C6H5Cl	000108-90-7	78
5			Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	10



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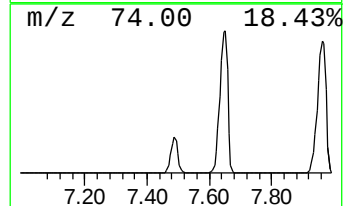
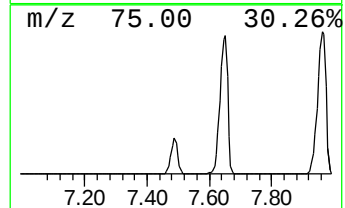
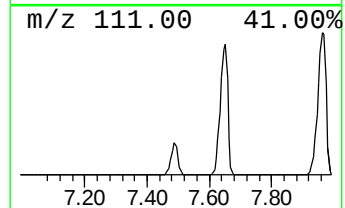
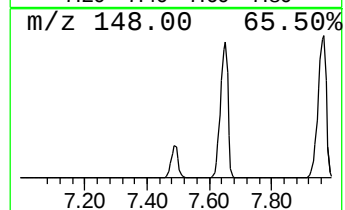
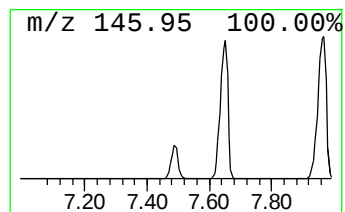
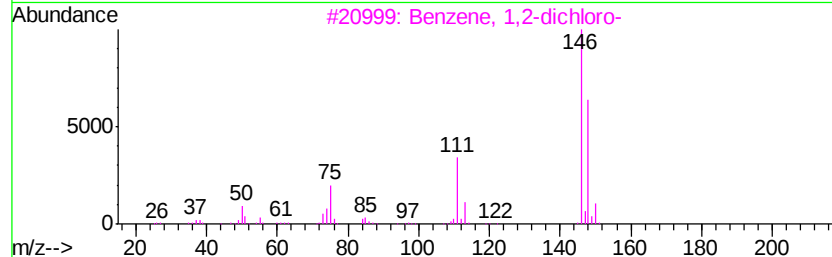
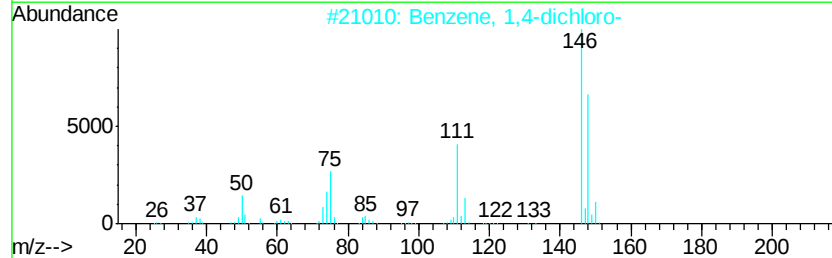
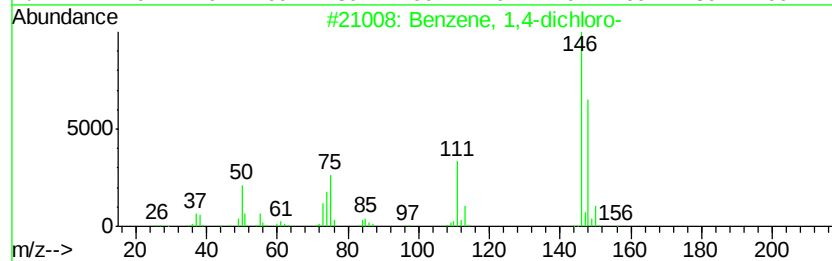
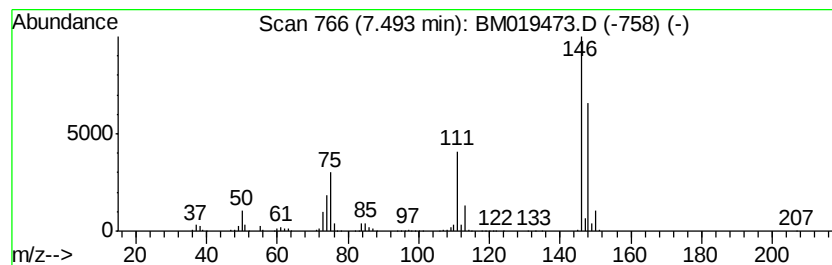
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	4.39 ng/ul	10468400	1,4-Dichlorobenzene-d4	7.60

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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
4		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95



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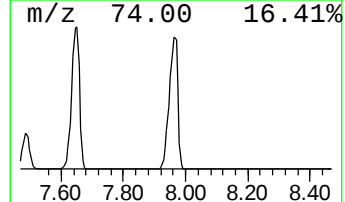
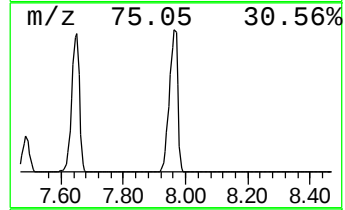
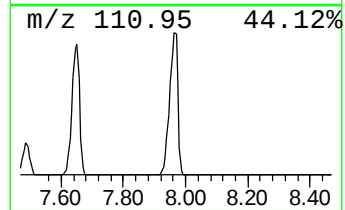
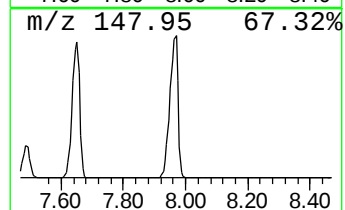
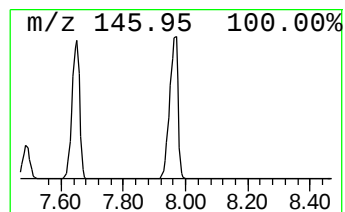
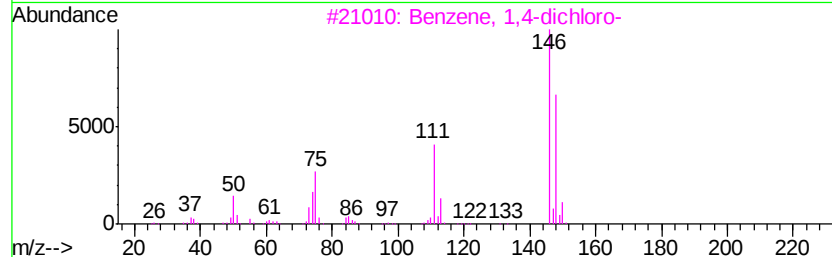
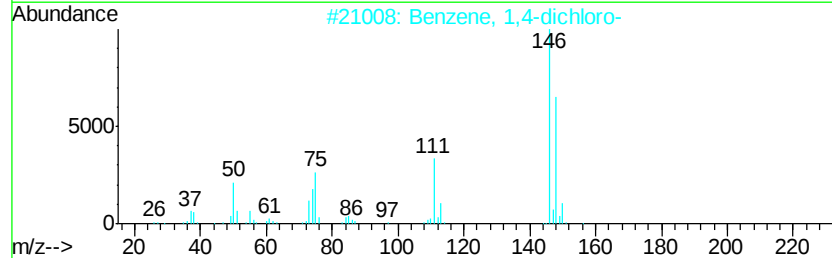
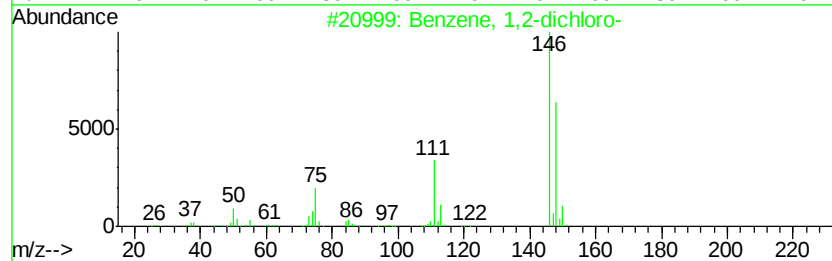
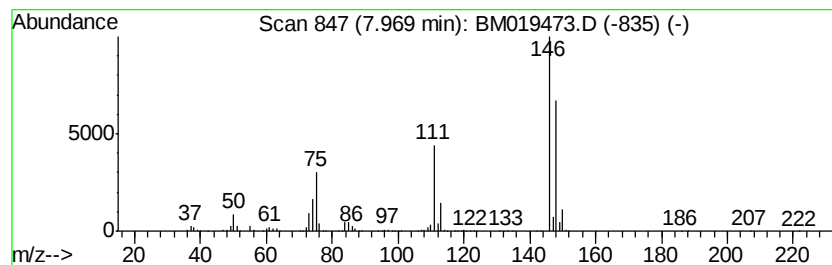
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	22.74 ng/ul	54251600	1,4-Dichlorobenzene-d4	7.60

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



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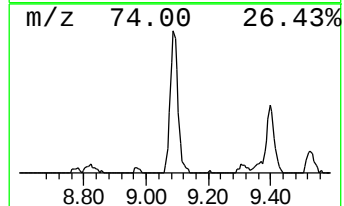
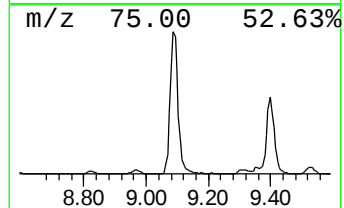
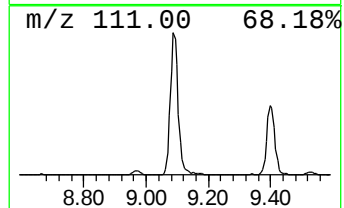
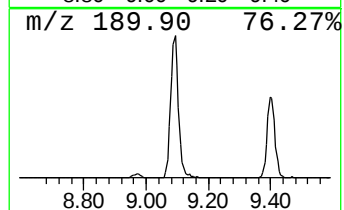
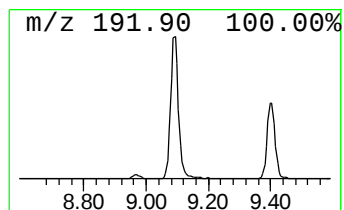
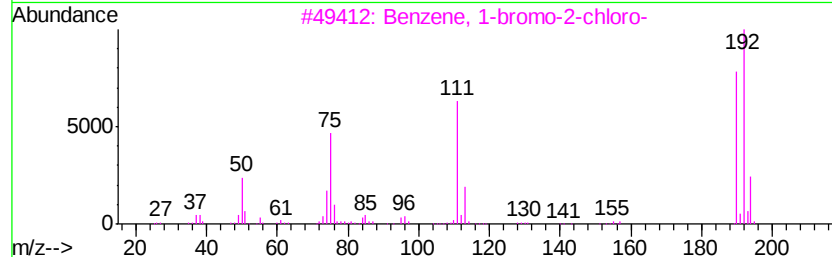
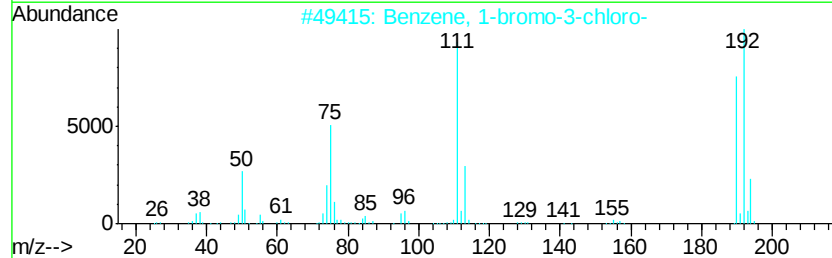
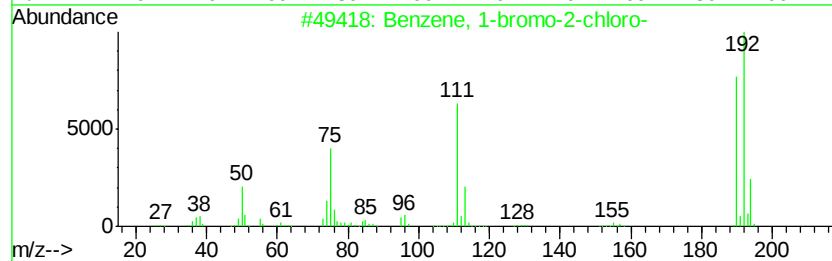
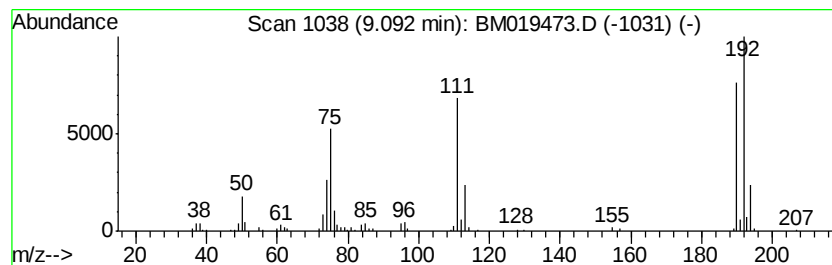
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Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	8.43 ng/ul	526616	Napthalene-d8	10.39

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-2-chloro-	190	C6H4BrCl	000694-80-4	98
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
5		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98



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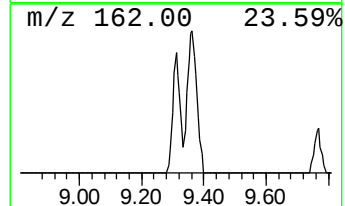
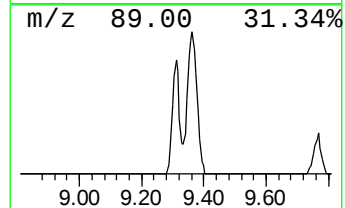
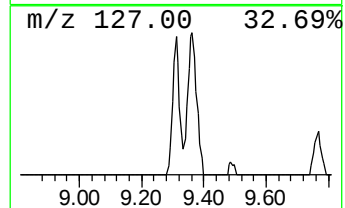
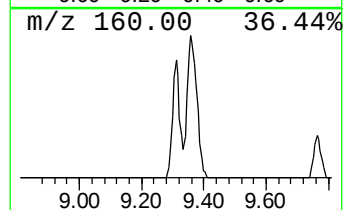
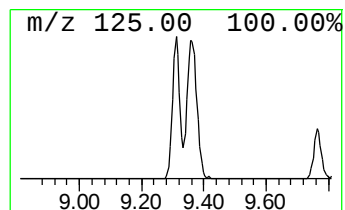
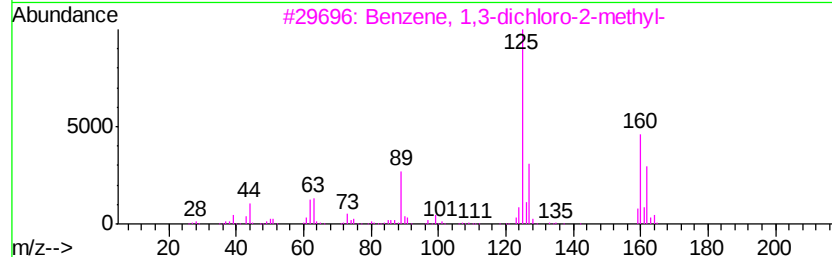
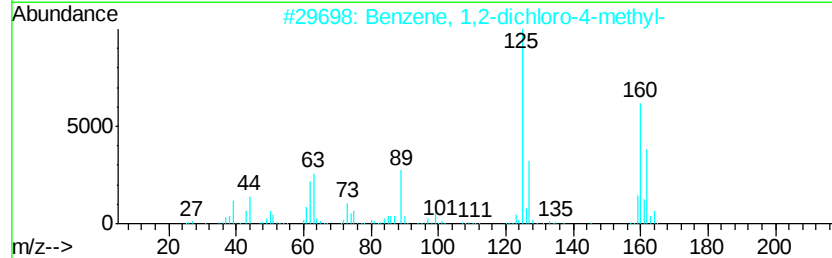
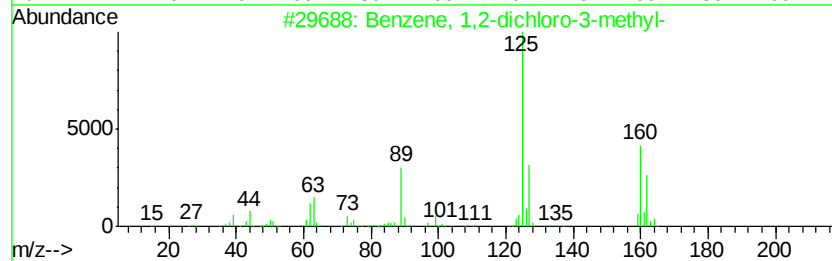
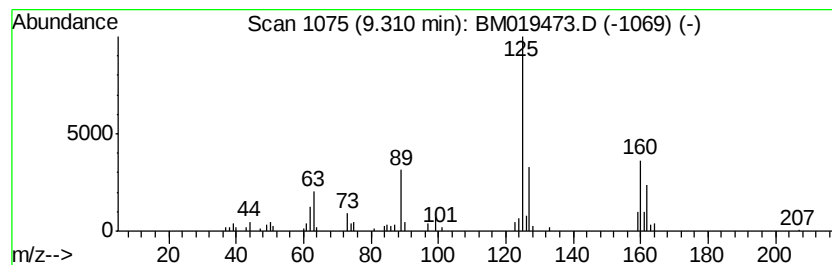
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.24 ng/ul	139944	Napthalene-d8	10.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98	
2	Benzene,	1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97	
3	Benzene,	1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96	
4	Benzene,	1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96	
5	Benzene,	2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96	



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C09E2DL

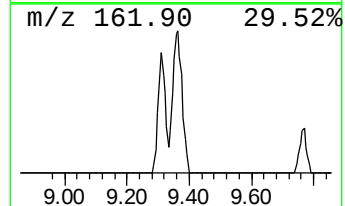
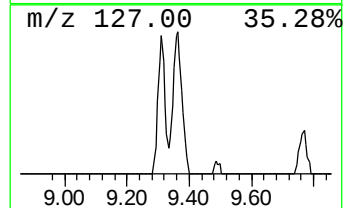
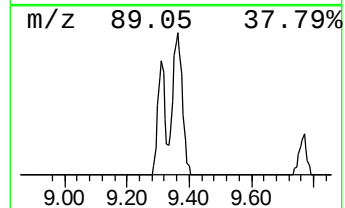
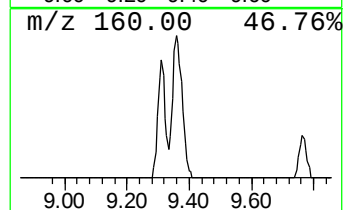
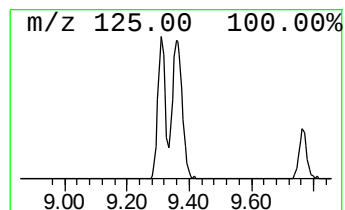
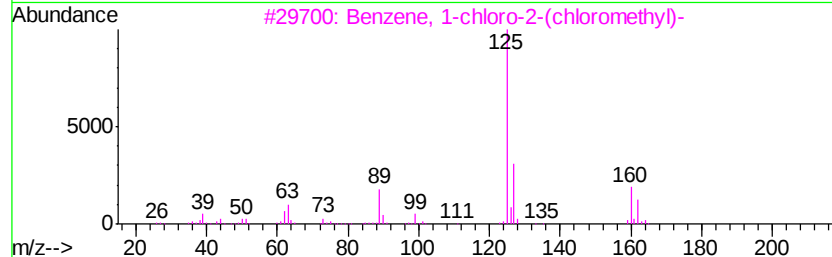
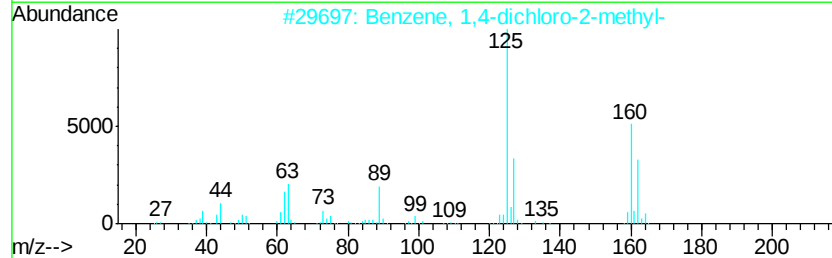
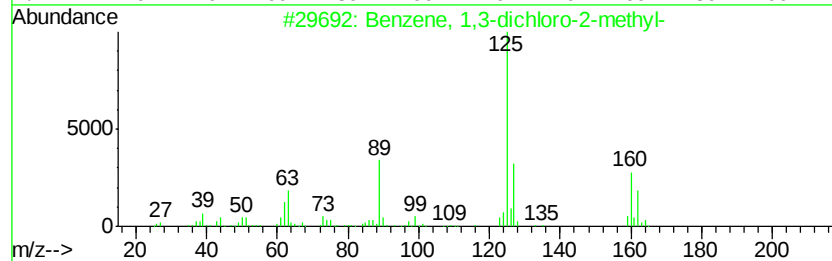
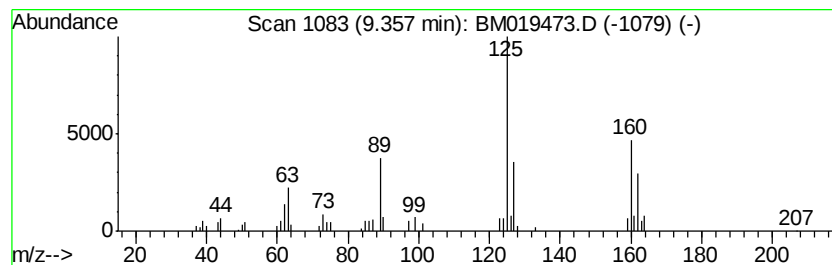
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,3-dichloro-2-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.18 ng/ul	198266	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
2		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3		Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	95
4		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	95
5		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019473.D
Acq On : 26 Mar 2019 16:50
Operator : JU/SJ
Sample : K2027-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C09E2DL

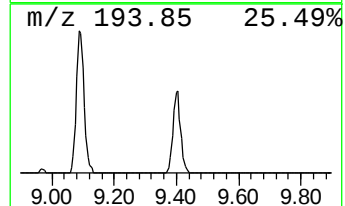
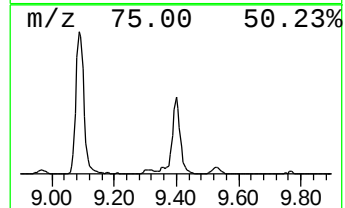
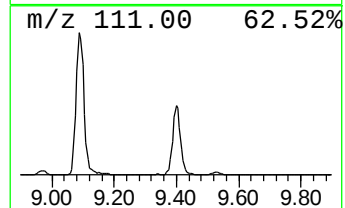
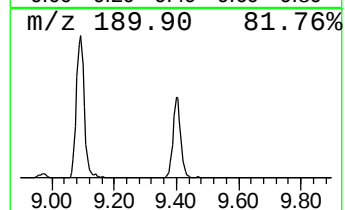
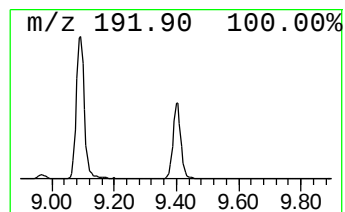
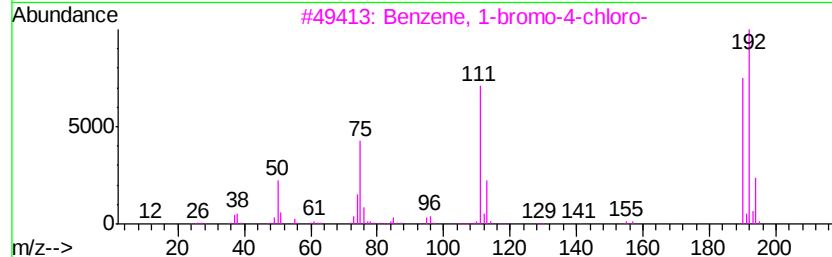
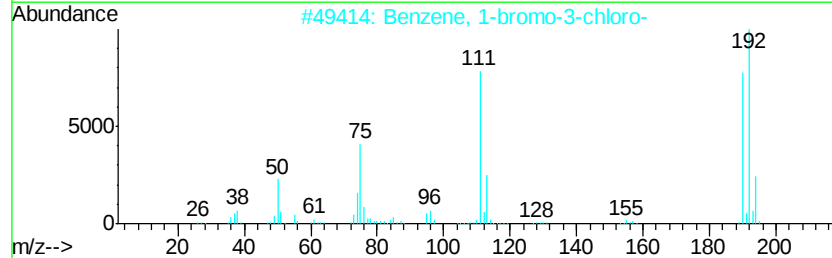
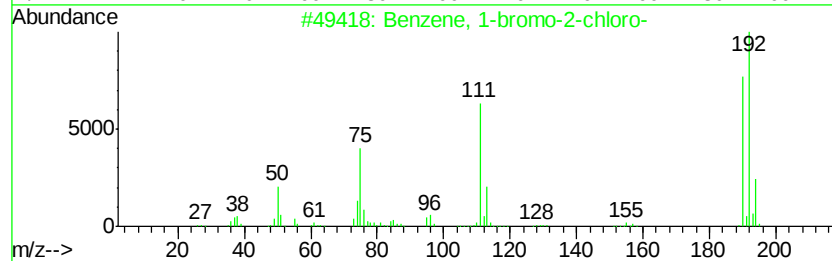
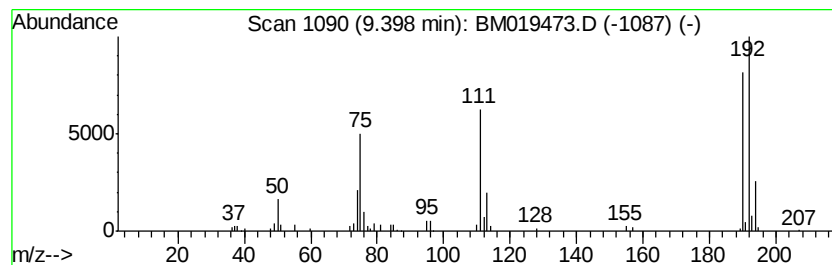
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.28 ng/ul	267021	Napthalene-d8	10.39

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	97
3		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
4		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019473.D
Acq On : 26 Mar 2019 16:50
Operator : JU/SJ
Sample : K2027-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E2DL

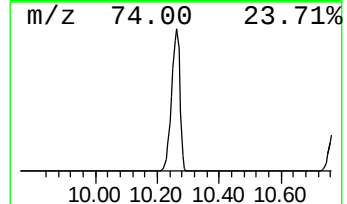
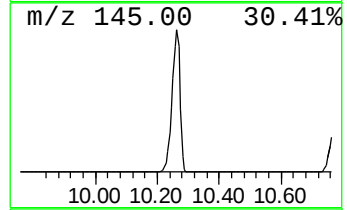
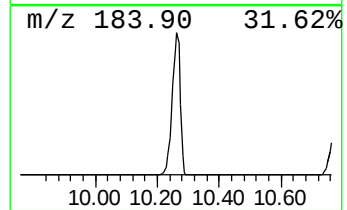
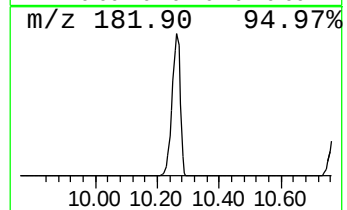
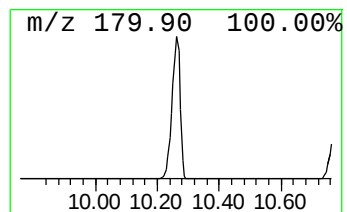
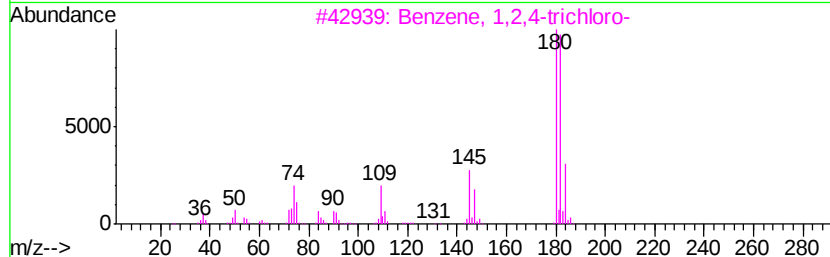
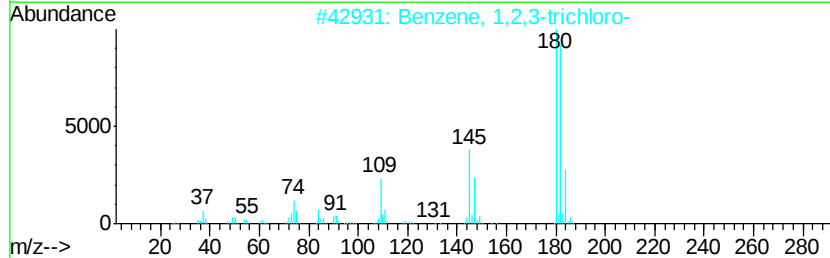
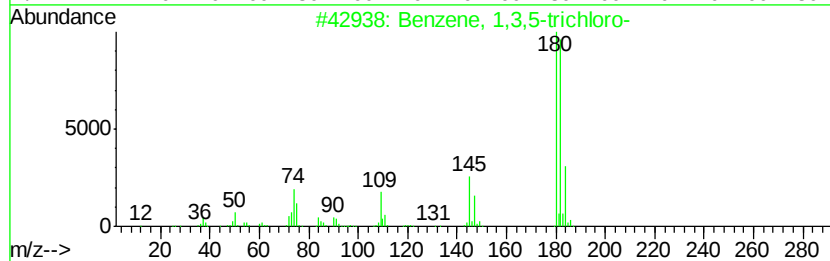
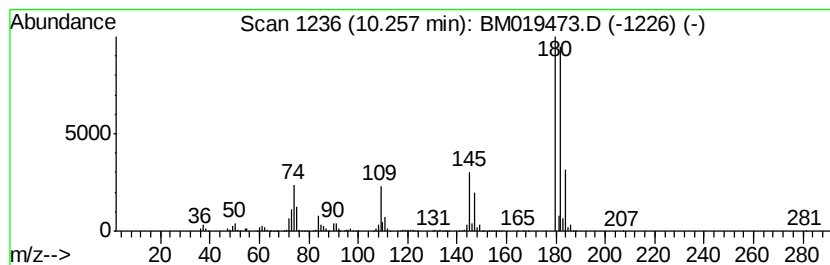
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	816.92 ng/ul	51013200	Naphthalene-d8	10.39

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, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019473.D
Acq On : 26 Mar 2019 16:50
Operator : JU/SJ
Sample : K2027-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E2DL

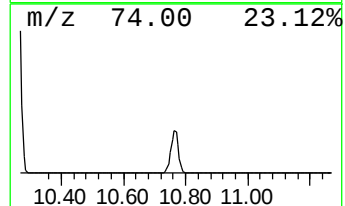
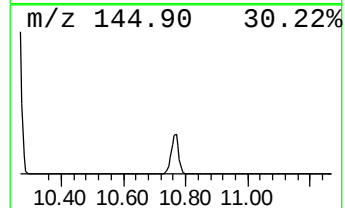
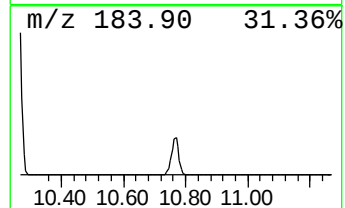
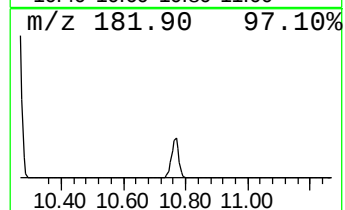
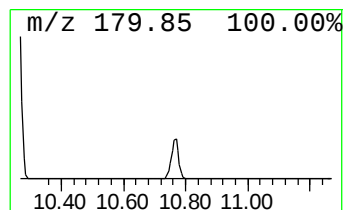
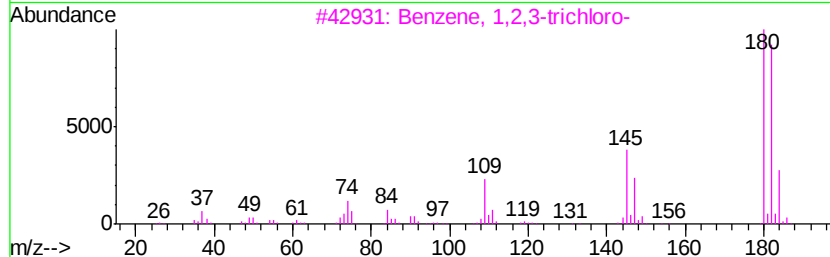
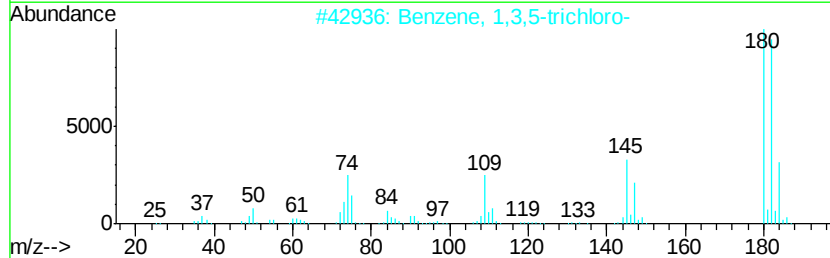
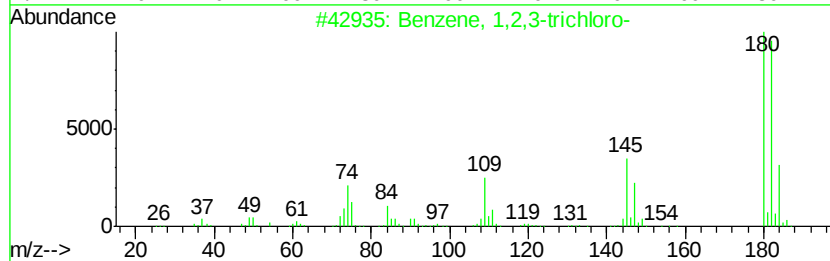
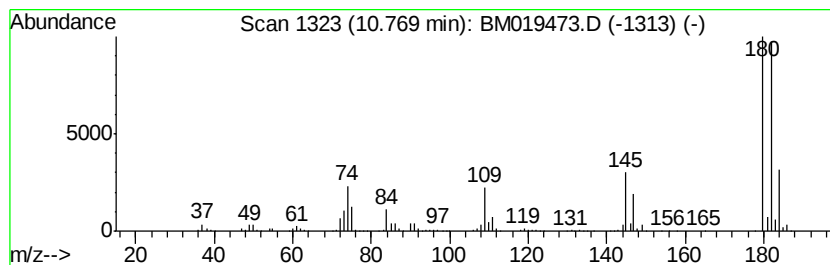
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	190.54 ng/ul	11898300	Naphthalene-d8	10.39

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\BM032619\
Data File : BM019473.D
Acq On : 26 Mar 2019 16:50
Operator : JU/SJ
Sample : K2027-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E2DL

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
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Benzene, 1,4-dich...	7.49	4.4	ng/ul	10468400	1	7.60	47723400	20.0
Benzene, 1,2-dich...	7.97	22.7	ng/ul	54251600	1	7.60	47723400	20.0
Benzene, 1-bromo-...	9.09	8.4	ng/ul	526616	2	10.39	1248920	20.0
Benzene, 1,2-dich...	9.31	2.2	ng/ul	139944	2	10.39	1248920	20.0
Benzene, 1,3-dich...	9.36	3.2	ng/ul	198266	2	10.39	1248920	20.0
Benzene, 1-bromo-...	9.40	4.3	ng/ul	267021	2	10.39	1248920	20.0
Benzene, 1,3,5-tr...	10.26	816.9	ng/ul	51013200	2	10.39	1248920	20.0
Benzene, 1,2,3-tr...	10.77	190.5	ng/ul	11898300	2	10.39	1248920	20.0