

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019472.D
 Acq On : 26 Mar 2019 16:13
 Operator : JU/SJ
 Sample : K2027-18DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E1DL

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	4.964	326	336	341	rBV3	43688347	90006760	100.00%	30.816%
2	6.958	671	675	686	rBV	85127	148486	0.16%	0.051%
3	7.140	700	706	719	rVB	100789	174399	0.19%	0.060%
4	7.487	757	765	778	rBV	7353586	11178982	12.42%	3.827%
5	7.652	778	793	817	rVV	29328507	50391836	55.99%	17.253%
6	7.969	835	847	852	rBV	30612625	57478571	63.86%	19.679%
7	8.328	903	908	917	rBV2	49386	95043	0.11%	0.033%
8	8.775	977	984	989	rBV	91892	172956	0.19%	0.059%
9	9.093	1031	1038	1048	rBV	329123	556894	0.62%	0.191%
10	9.310	1069	1075	1079	rBV	94037	152535	0.17%	0.052%
11	9.363	1079	1084	1087	rVV	97046	210423	0.23%	0.072%
12	9.399	1087	1090	1100	rVV	172365	283837	0.32%	0.097%
13	9.487	1100	1105	1109	rVV2	67218	116439	0.13%	0.040%
14	10.022	1190	1196	1201	rBV	96914	166644	0.19%	0.057%
15	10.263	1226	1237	1251	rBV	29288470	53677948	59.64%	18.378%
16	10.387	1251	1258	1265	rVV	767933	1180643	1.31%	0.404%
17	10.769	1314	1323	1341	rBV	7691448	12697865	14.11%	4.347%
18	12.393	1594	1599	1601	rBV2	100772	156249	0.17%	0.053%
19	12.428	1601	1605	1614	rVB	362995	592621	0.66%	0.203%
20	13.045	1703	1710	1729	rBV	1620667	2580218	2.87%	0.883%
21	13.681	1812	1818	1825	rBV	198625	324545	0.36%	0.111%
22	13.951	1858	1864	1875	rBV	262801	402339	0.45%	0.138%
23	14.257	1910	1916	1927	rBV2	946143	1473056	1.64%	0.504%
24	15.263	2081	2087	2101	rBV	332429	524724	0.58%	0.180%
25	17.016	2379	2385	2396	rBV2	1129712	1589086	1.77%	0.544%
26	17.122	2396	2403	2417	rVB	300631	512374	0.57%	0.175%
27	19.421	2789	2794	2805	rBV	414067	598550	0.67%	0.205%
28	21.221	3095	3100	3114	rBV	1349491	1838191	2.04%	0.629%
29	23.292	3447	3452	3460	rBV3	431713	746889	0.83%	0.256%
30	23.433	3470	3476	3485	rBV	1000644	1895758	2.11%	0.649%
31	23.915	3555	3558	3565	rVB2	91941	152634	0.17%	0.052%

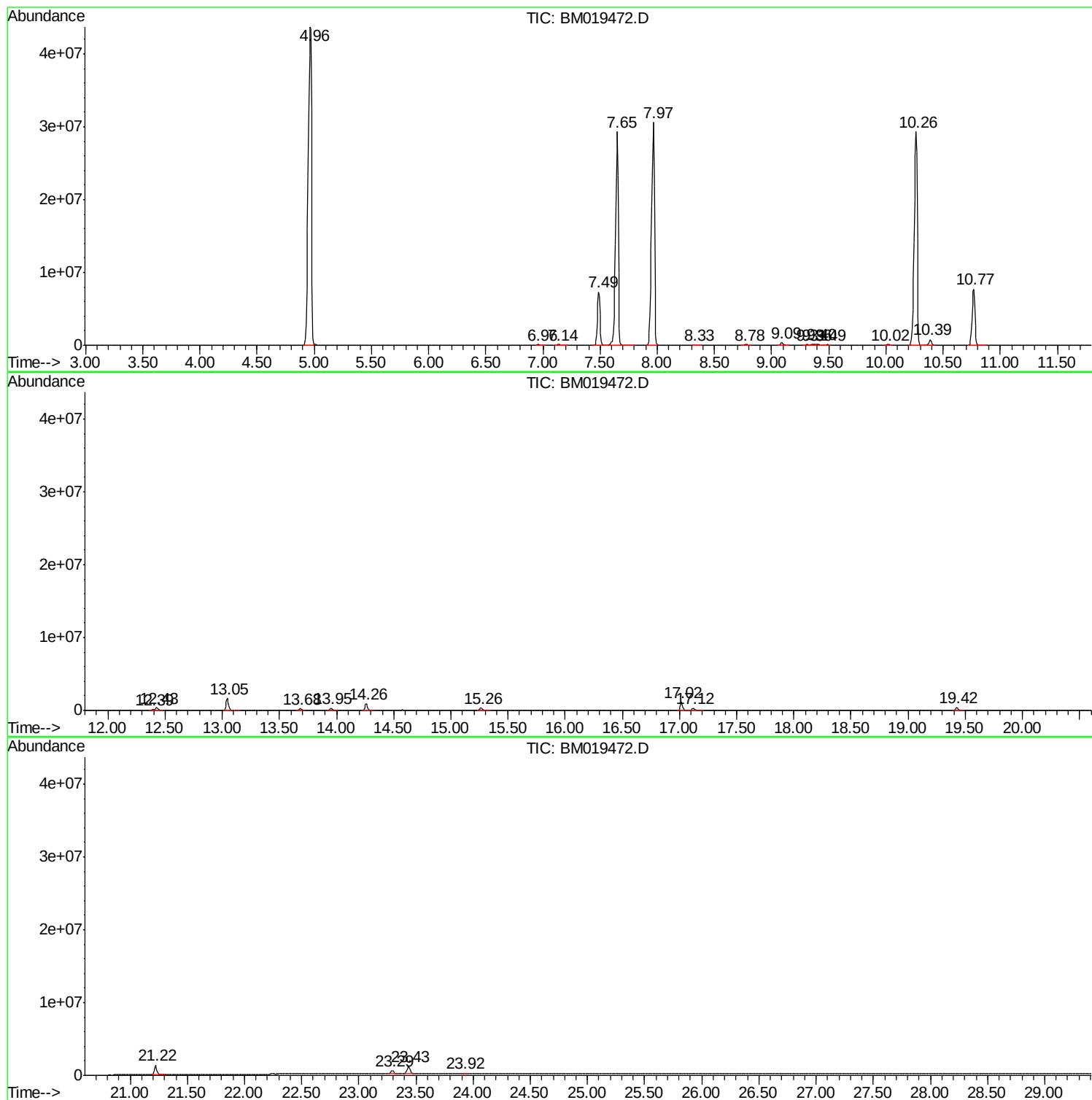
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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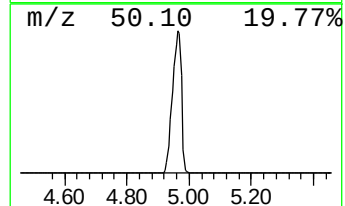
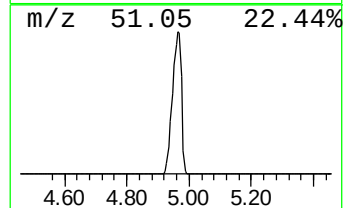
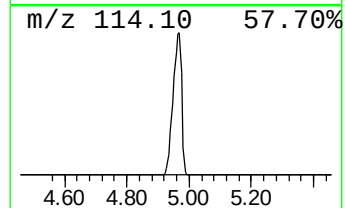
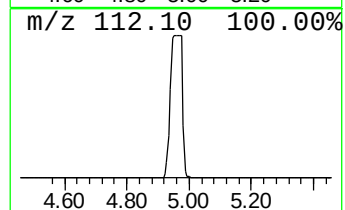
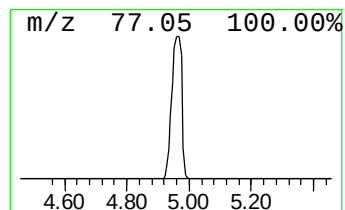
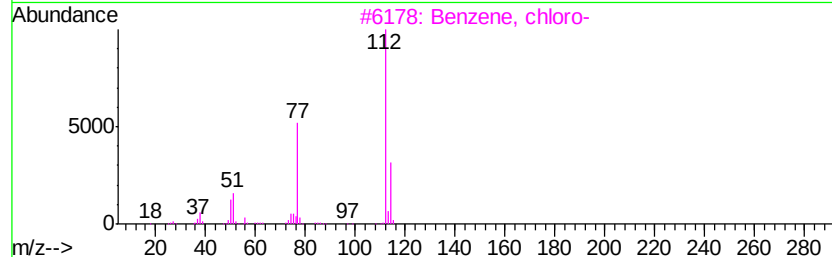
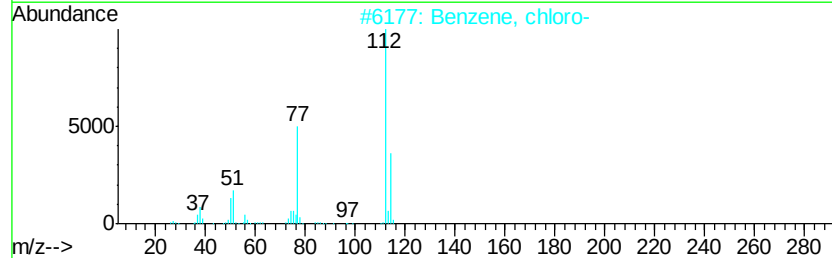
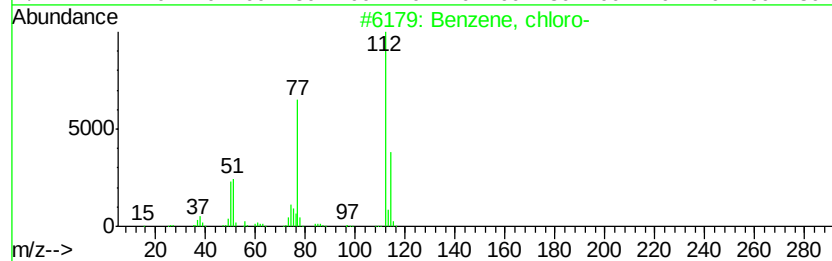
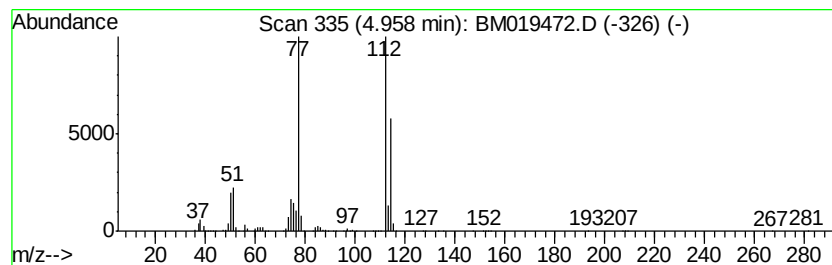
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Quant Title : SVOA CALIBRATION

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	35.72 ng/ul	90006800	1,4-Dichlorobenzene-d4	7.60

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	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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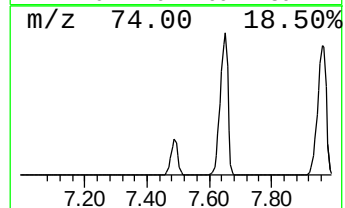
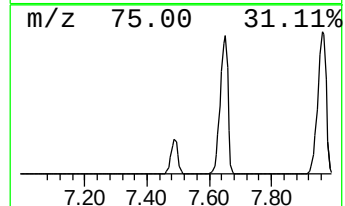
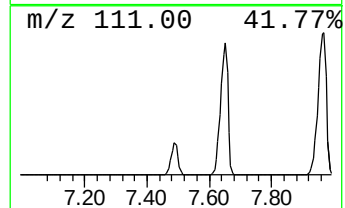
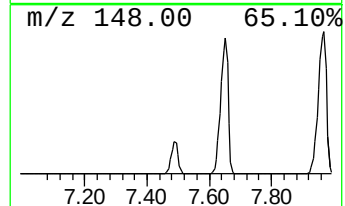
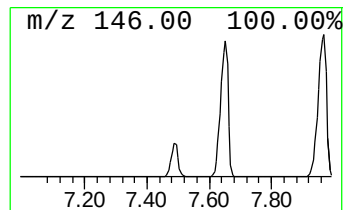
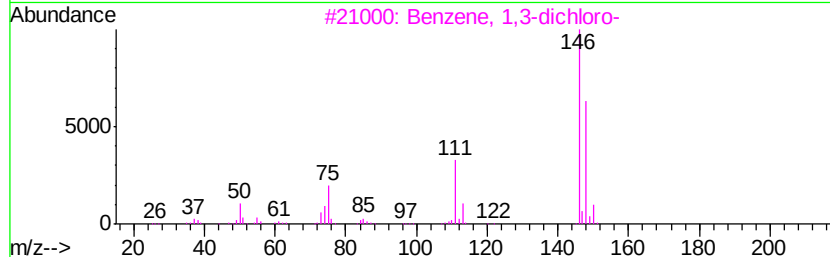
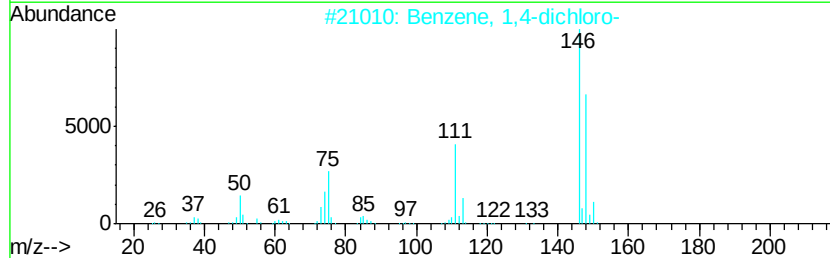
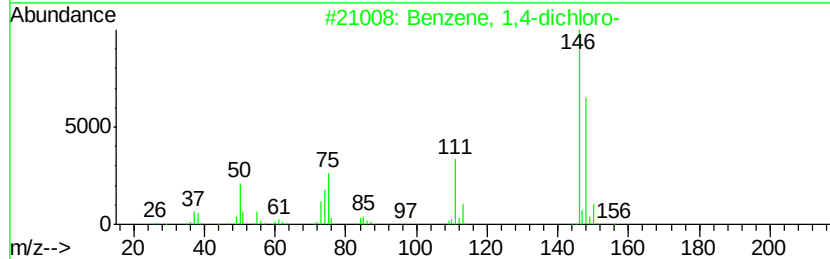
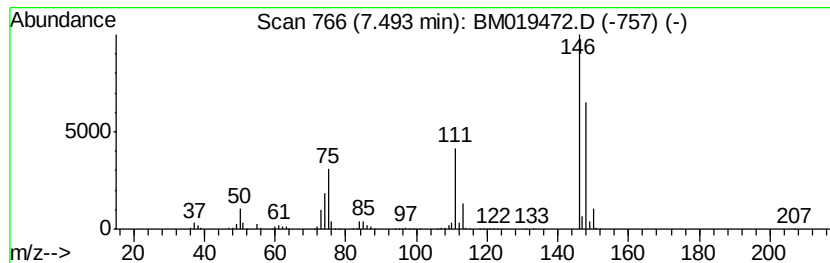
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	4.44 ng/ul	11179000	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, 1,3-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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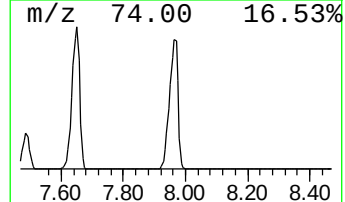
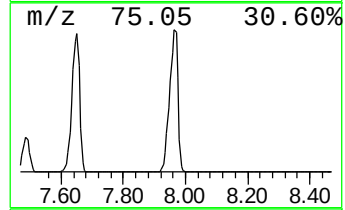
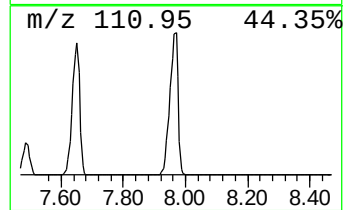
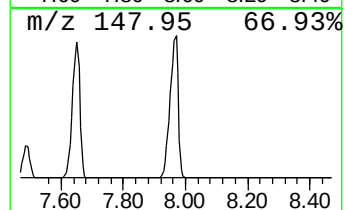
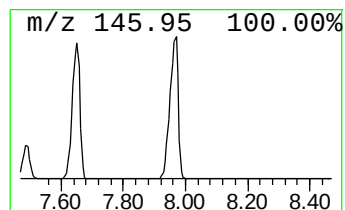
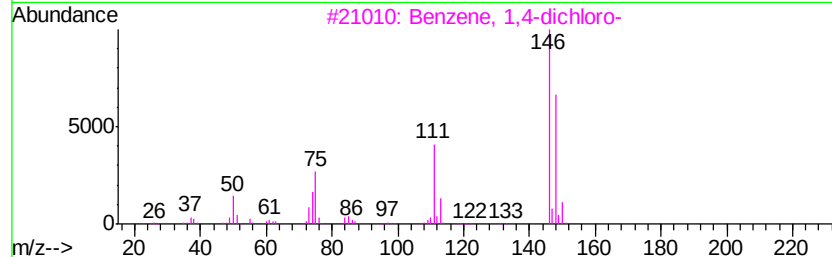
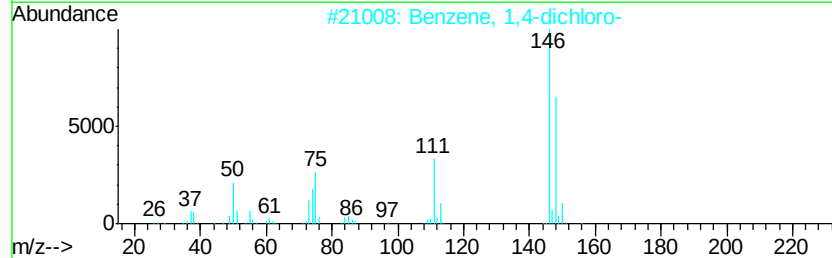
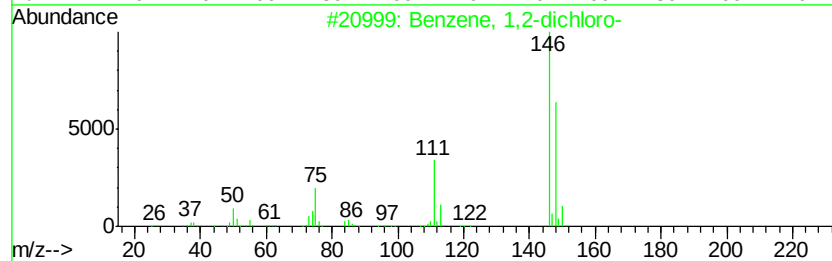
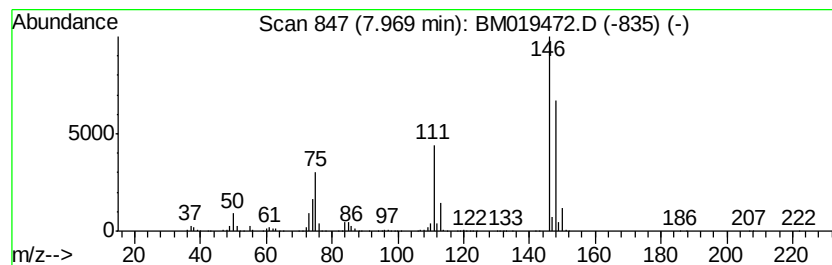
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	22.81 ng/ul	57478600	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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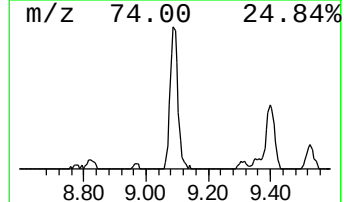
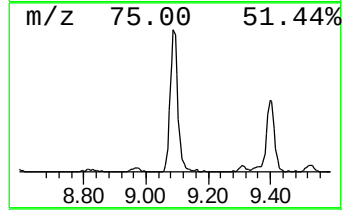
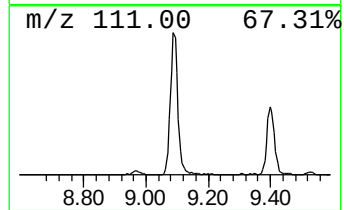
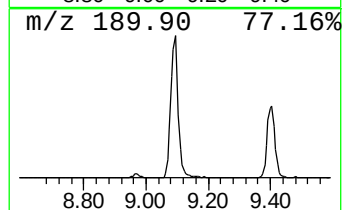
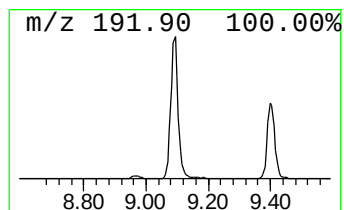
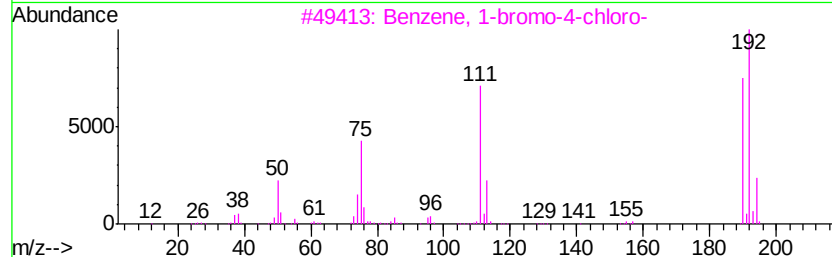
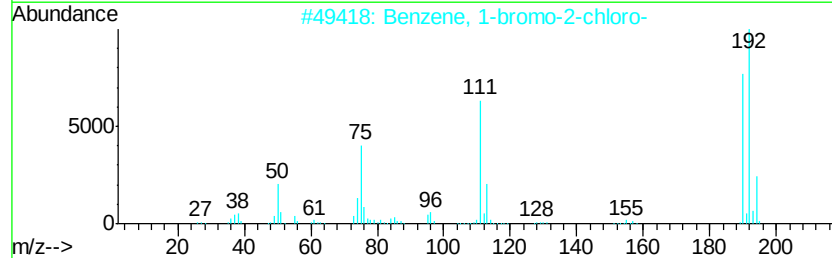
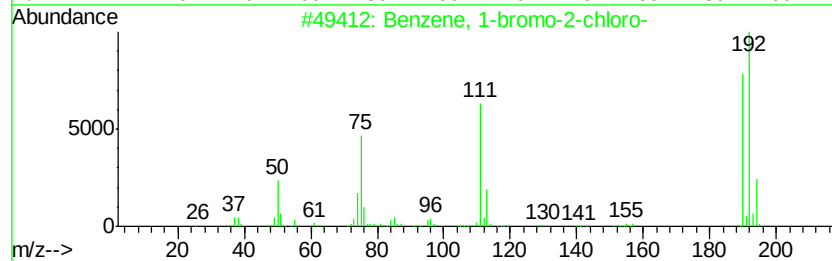
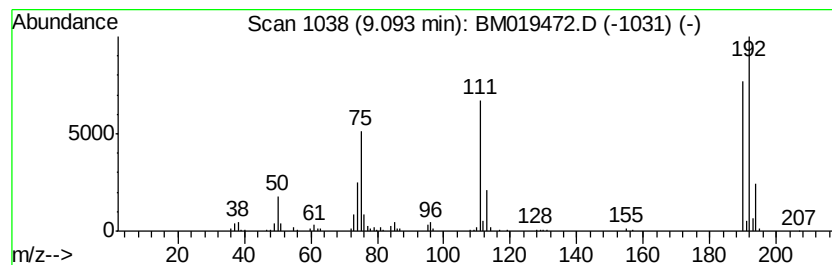
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Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	9.43 ng/ul	556894	Napthalene-d8	10.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5			4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95



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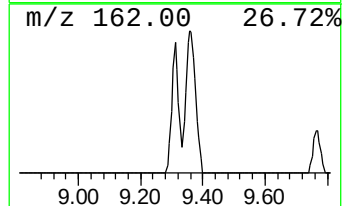
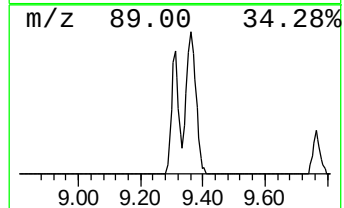
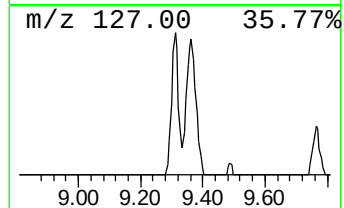
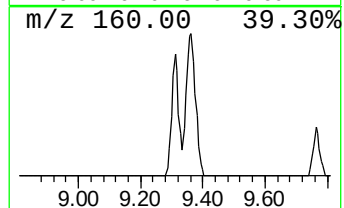
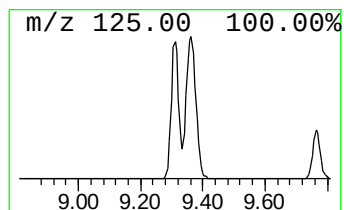
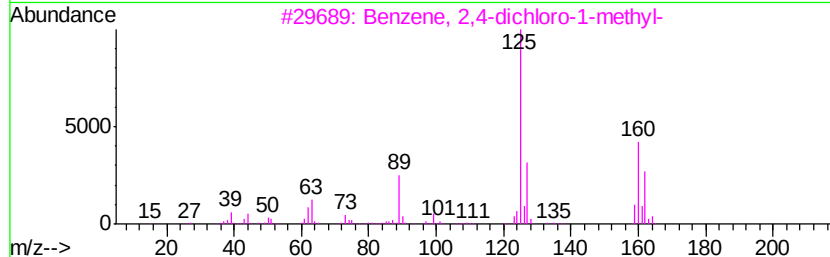
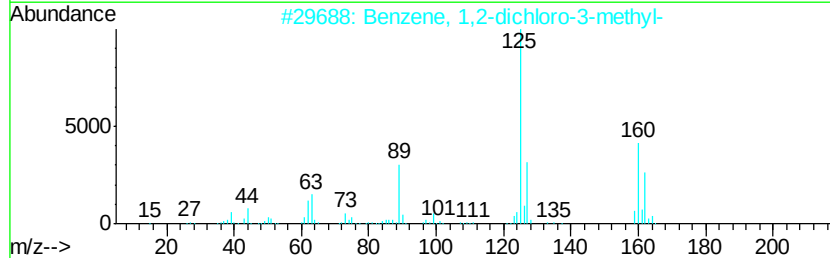
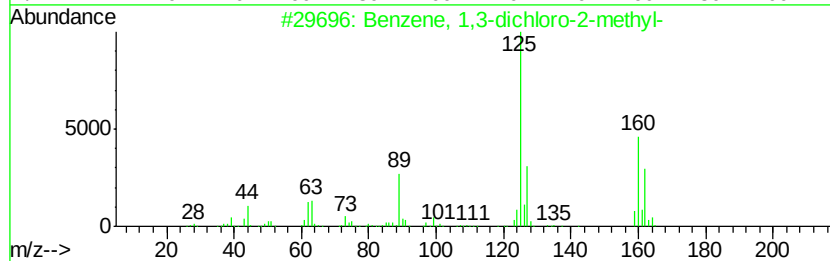
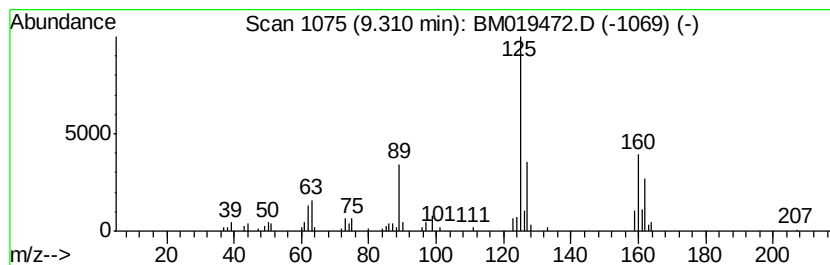
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.58 ng/ul	152535	Napthalene-d8	10.39

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



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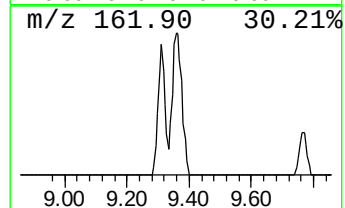
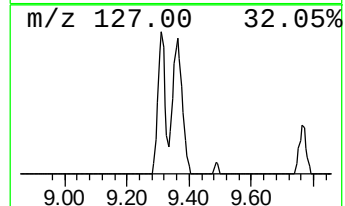
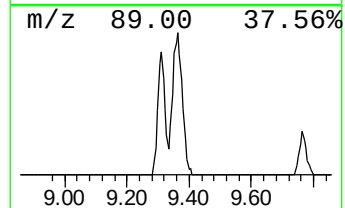
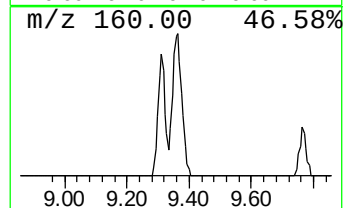
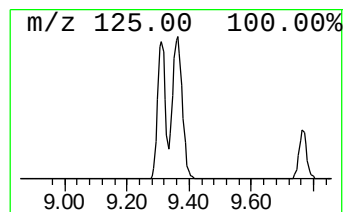
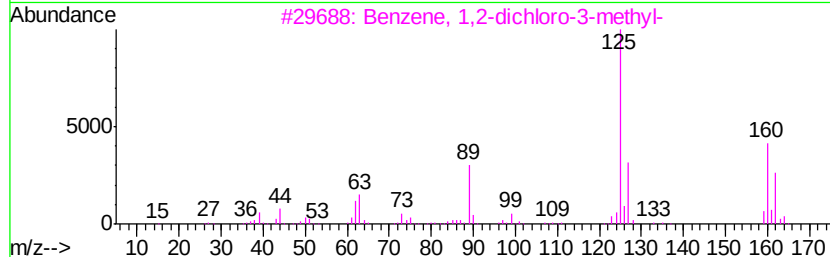
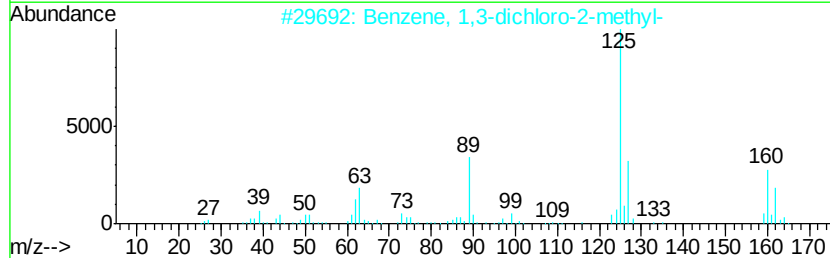
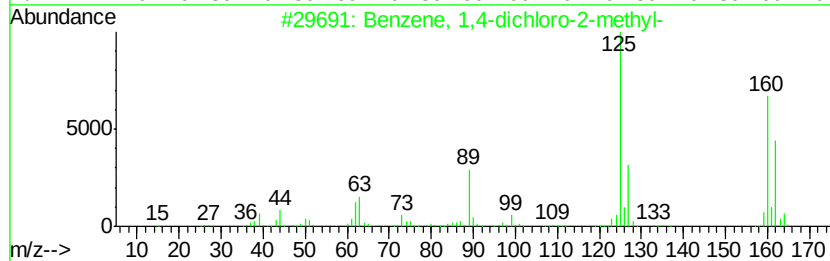
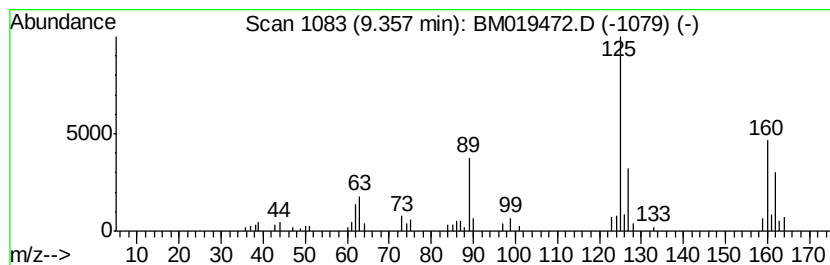
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,4-dichloro-2-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.56 ng/ul	210423	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
2		Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
3		Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
4		Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5		Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019472.D
Acq On : 26 Mar 2019 16:13
Operator : JU/SJ
Sample : K2027-18DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E1DL

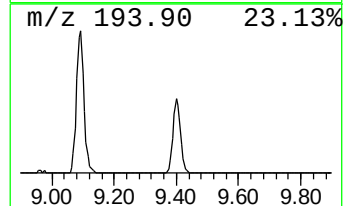
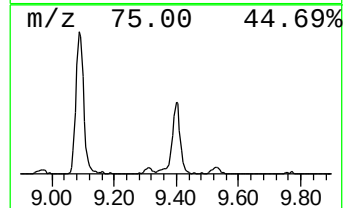
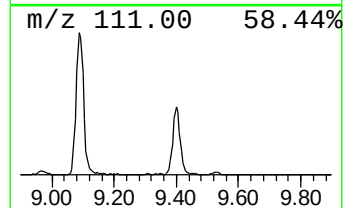
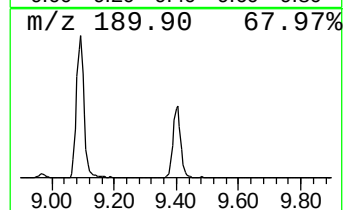
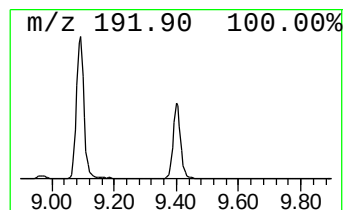
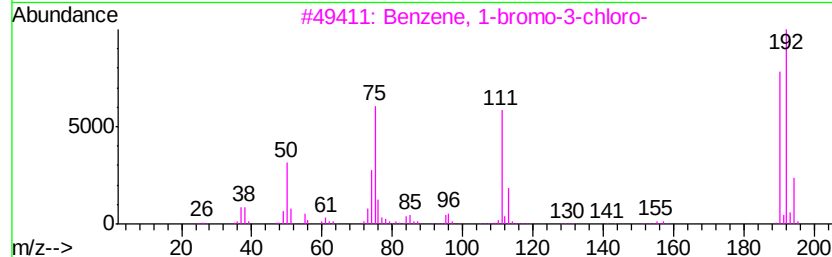
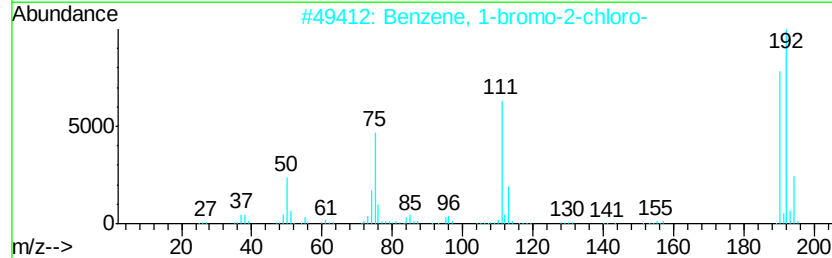
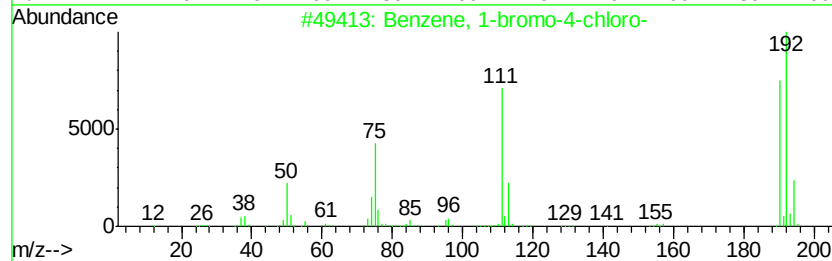
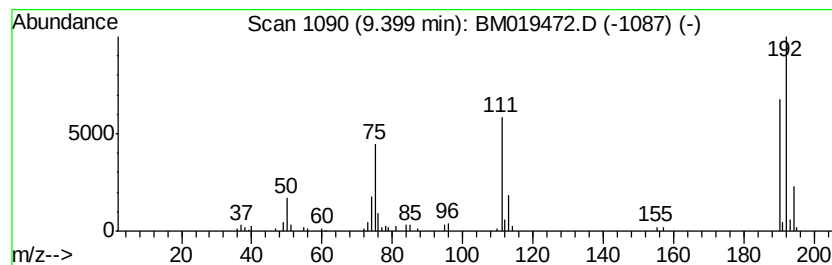
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.81 ng/ul	283837	Napthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019472.D
Acq On : 26 Mar 2019 16:13
Operator : JU/SJ
Sample : K2027-18DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

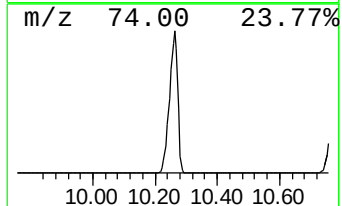
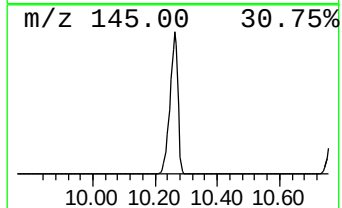
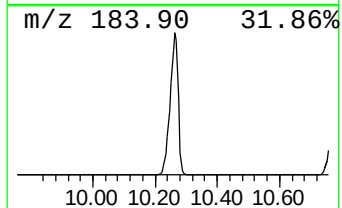
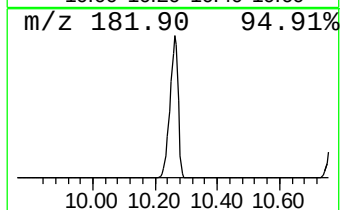
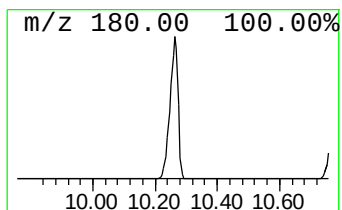
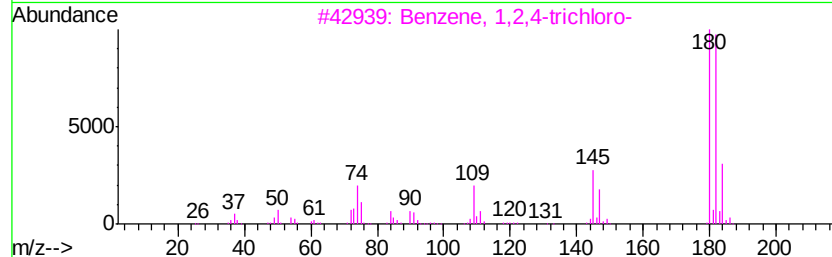
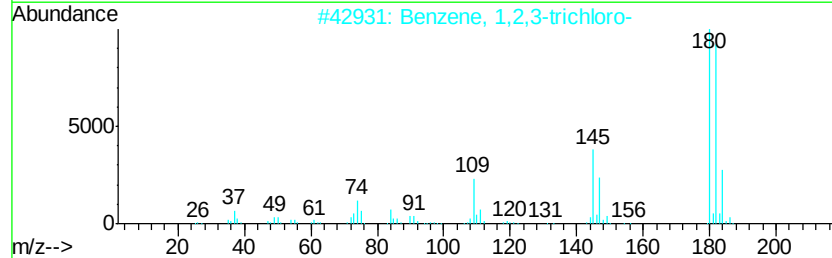
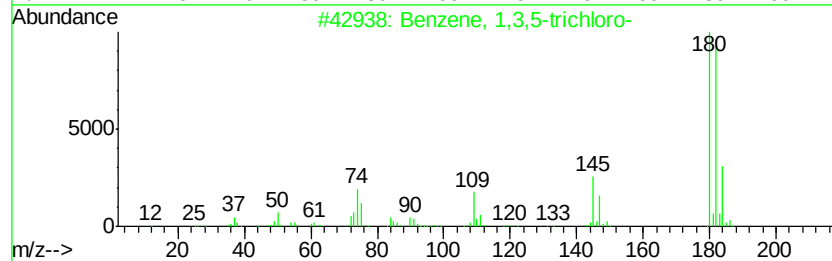
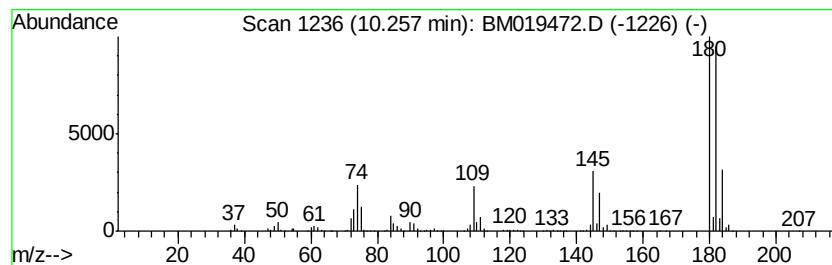
Instrument :
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ClientSampleId :
C09E1DL

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	909.30 ng/ul	53677900	Naphthalene-d8	10.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	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, 1,2,4-trichloro-	180 C6H3Cl3	000120-82-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019472.D
Acq On : 26 Mar 2019 16:13
Operator : JU/SJ
Sample : K2027-18DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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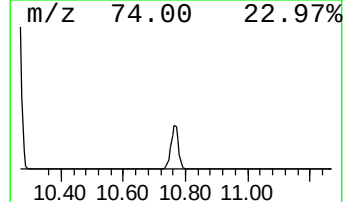
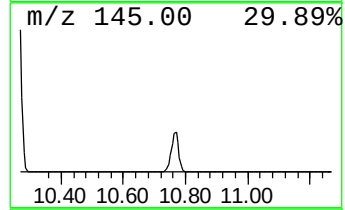
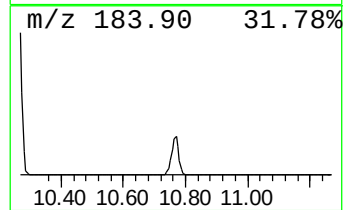
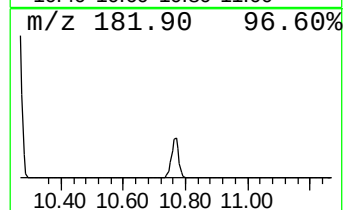
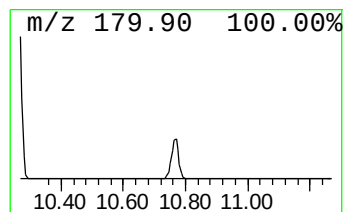
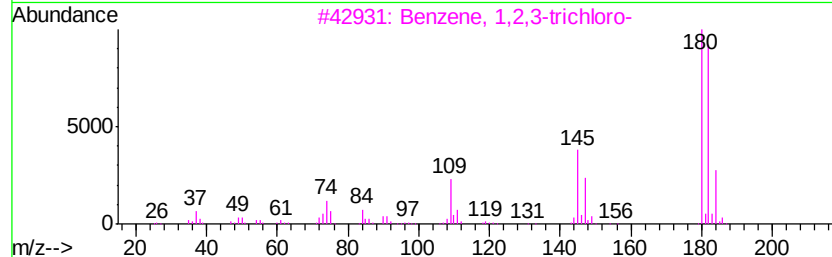
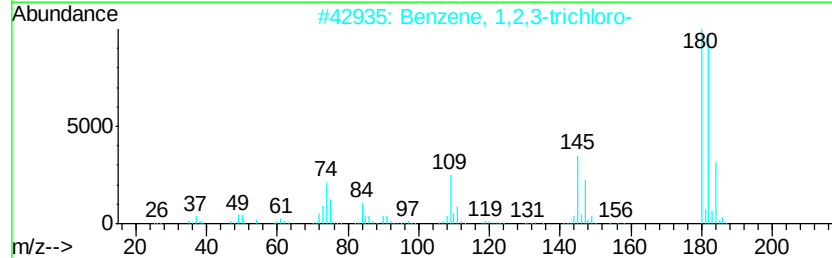
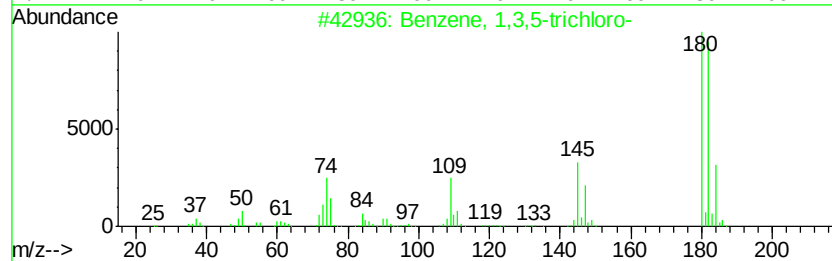
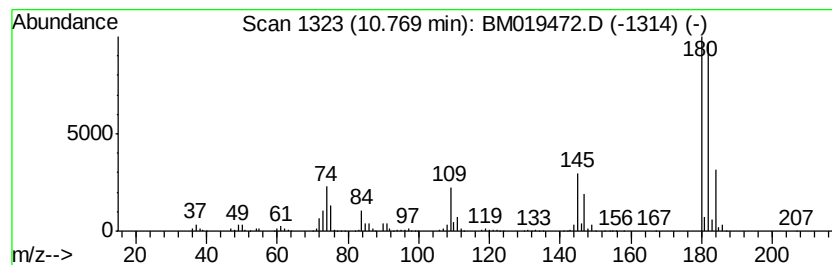
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	215.10 ng/ul	12697900	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, 1,2,3-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 : BM019472.D
Acq On : 26 Mar 2019 16:13
Operator : JU/SJ
Sample : K2027-18DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E1DL

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	35.7	ng/ul	90006800	1	7.60	50391800	20.0
Benzene, 1,4-dich...	7.49	4.4	ng/ul	11179000	1	7.60	50391800	20.0
Benzene, 1,2-dich...	7.97	22.8	ng/ul	57478600	1	7.60	50391800	20.0
Benzene, 1-bromo-...	9.09	9.4	ng/ul	556894	2	10.39	1180640	20.0
Benzene, 1,3-dich...	9.31	2.6	ng/ul	152535	2	10.39	1180640	20.0
Benzene, 1,4-dich...	9.36	3.6	ng/ul	210423	2	10.39	1180640	20.0
Benzene, 1-bromo-...	9.40	4.8	ng/ul	283837	2	10.39	1180640	20.0
Benzene, 1,2,3-tr...	10.26	909.3	ng/ul	53677900	2	10.39	1180640	20.0
Benzene, 1,3,5-tr...	10.77	215.1	ng/ul	12697900	2	10.39	1180640	20.0