

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004666.D
 Acq On : 17 Mar 2016 14:56
 Operator : UM/SJ
 Sample : H1783-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.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	2.993	46	52	72	rBV	6209610	14576963	23.85%	5.550%
2	5.252	416	436	440	rBV	7665355	39448912	64.54%	15.020%
3	7.775	850	865	878	rBV2	5973112	32208528	52.70%	12.263%
4	7.999	878	903	907	rVB	7775803	51668361	84.53%	19.672%
5	8.351	933	963	967	rBV	7930134	61121377	100.00%	23.271%
6	9.063	1078	1084	1096	rVB	1411229	2462360	4.03%	0.938%
7	9.346	1125	1132	1139	rVB	546101	884842	1.45%	0.337%
8	10.557	1321	1338	1343	rBV3	6244045	26447049	43.27%	10.069%
9	11.051	1409	1422	1428	rBV	5846206	15512879	25.38%	5.906%
10	11.240	1446	1454	1466	rBV	1534577	2712845	4.44%	1.033%
11	11.451	1480	1490	1498	rBV	413379	713388	1.17%	0.272%
12	12.663	1692	1696	1703	rVB	421430	648621	1.06%	0.247%
13	13.275	1793	1800	1808	rBV	1299025	2039181	3.34%	0.776%
14	13.863	1894	1900	1902	rBV	789912	1254754	2.05%	0.478%
15	14.169	1946	1952	1959	rBV	775311	1151911	1.88%	0.439%
16	14.475	1998	2004	2015	rVB2	435176	702917	1.15%	0.268%
17	15.469	2165	2173	2186	rBV	968980	1411911	2.31%	0.538%
18	17.221	2464	2471	2477	rBV	562288	793559	1.30%	0.302%
19	17.322	2481	2488	2501	rVV2	993951	1467751	2.40%	0.559%
20	19.610	2871	2877	2890	rBV	1197608	1715027	2.81%	0.653%
21	21.404	3176	3182	3188	rBV	758397	982388	1.61%	0.374%
22	23.556	3540	3548	3561	rBV	917525	1777286	2.91%	0.677%
23	23.703	3566	3573	3584	rVB	477423	947559	1.55%	0.361%

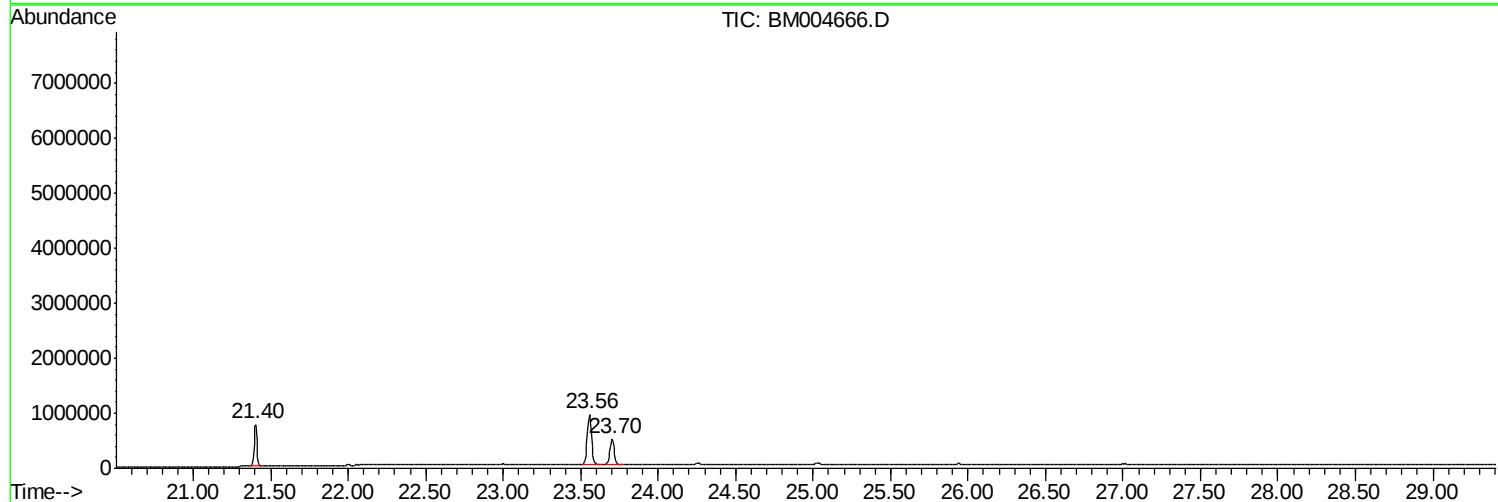
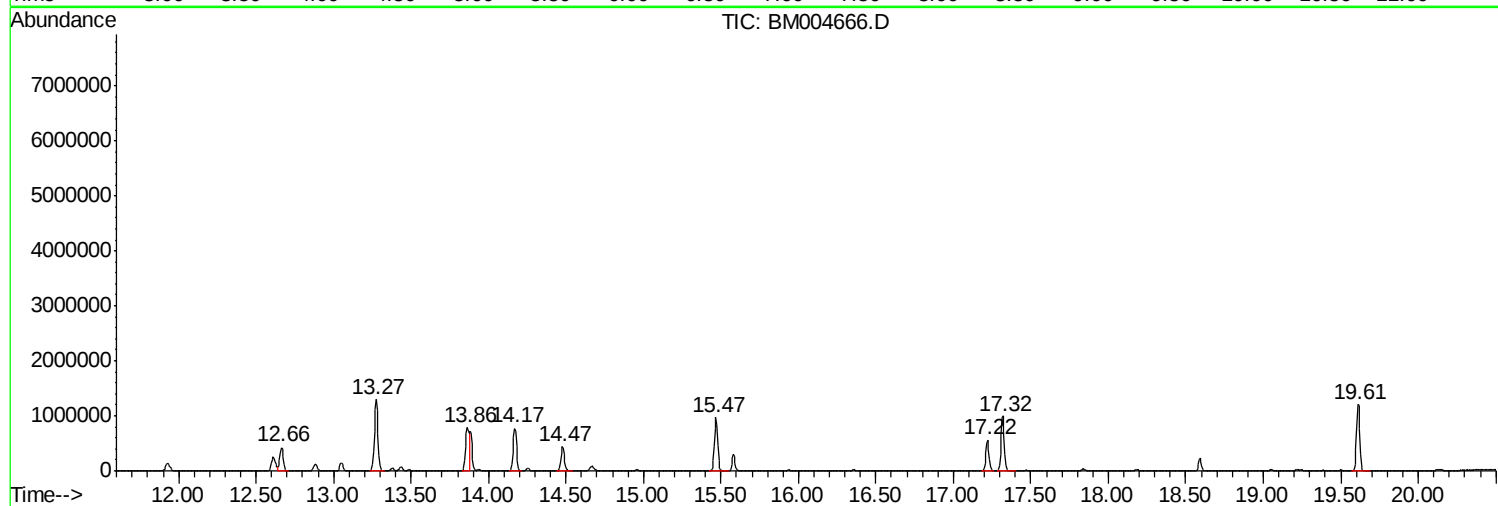
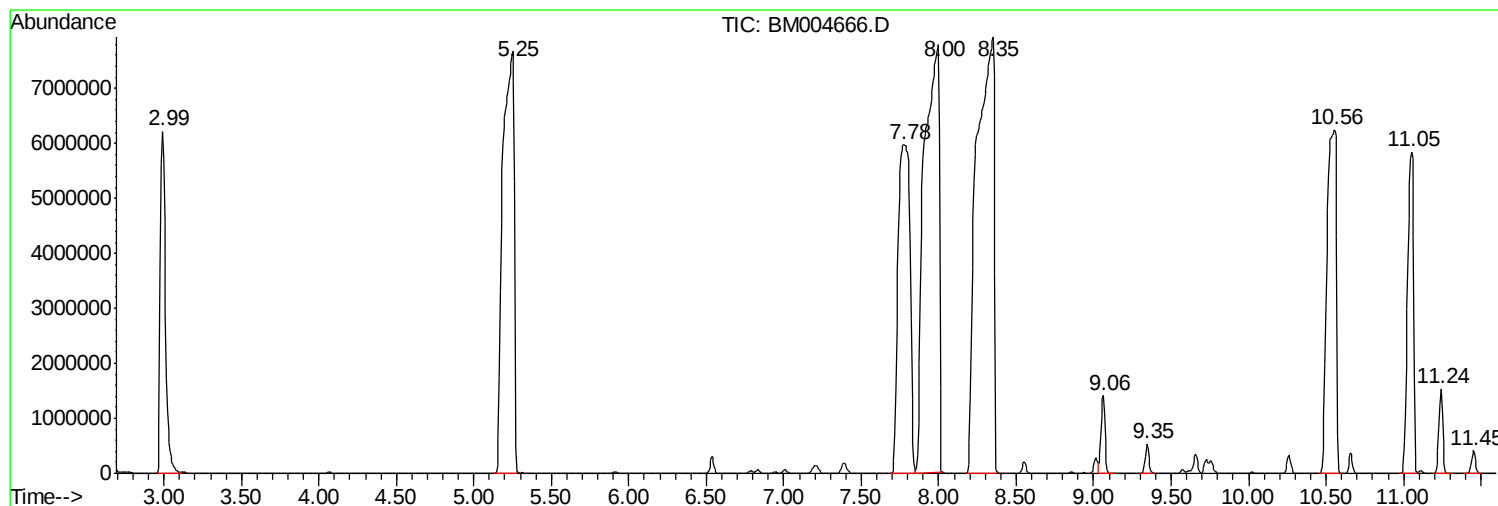
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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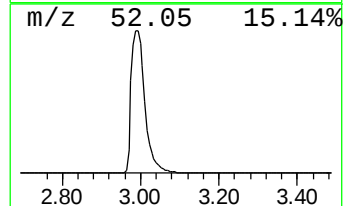
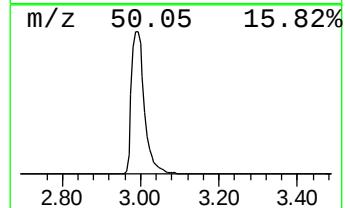
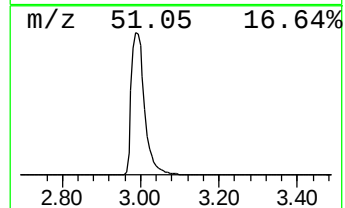
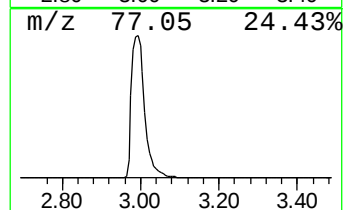
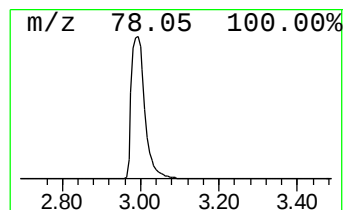
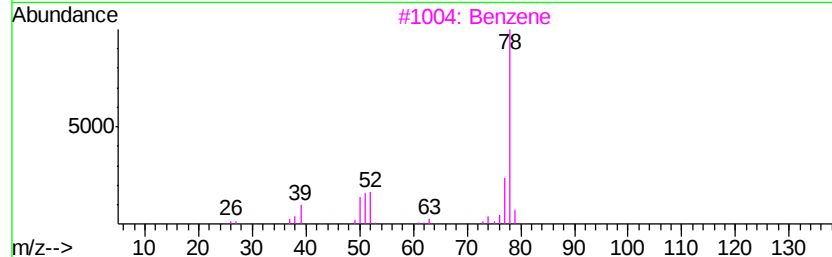
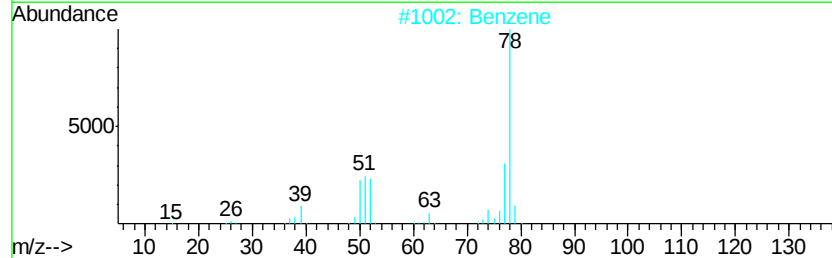
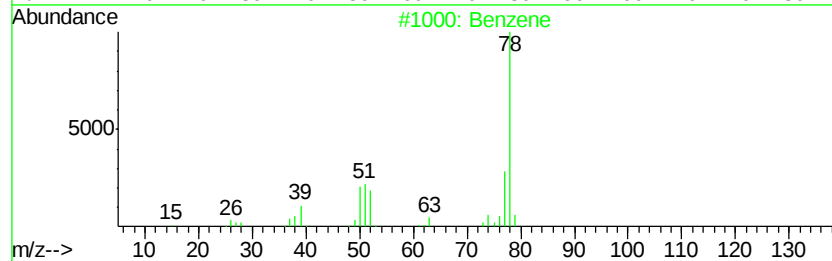
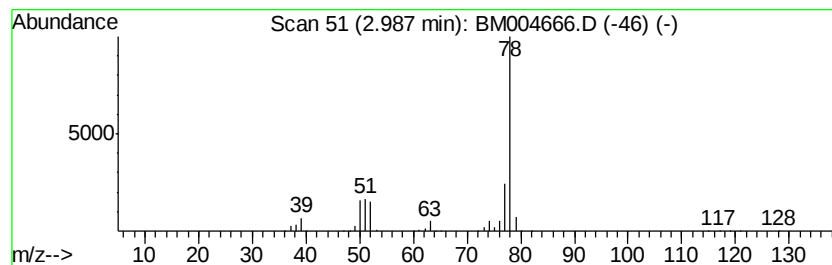
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	9.05 ng/ul	14577000	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene	78	C6H6	000071-43-2	95
2		Benzene	78	C6H6	000071-43-2	95
3		Benzene	78	C6H6	000071-43-2	94
4		Benzene	78	C6H6	000071-43-2	91
5		Benzene	78	C6H6	000071-43-2	91



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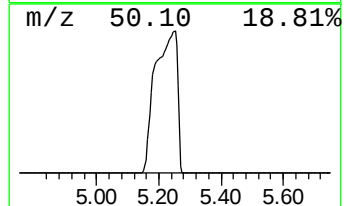
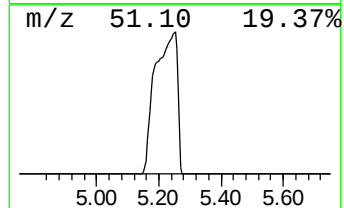
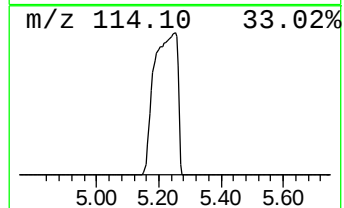
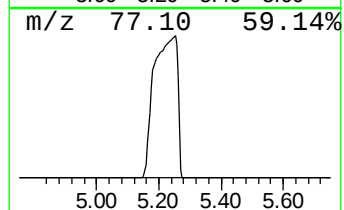
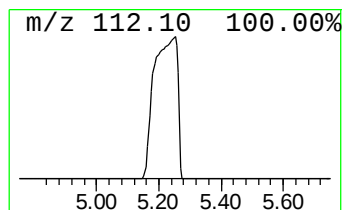
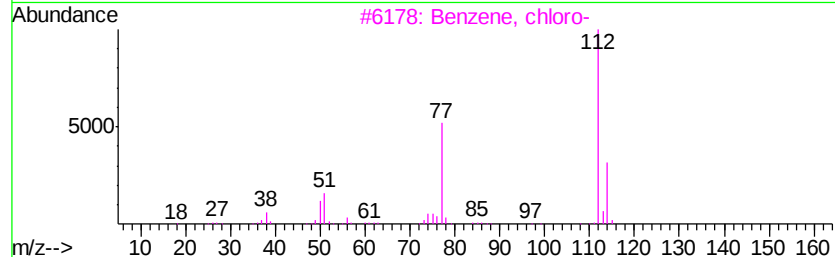
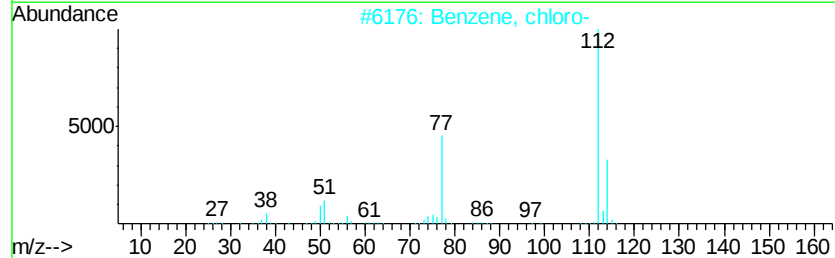
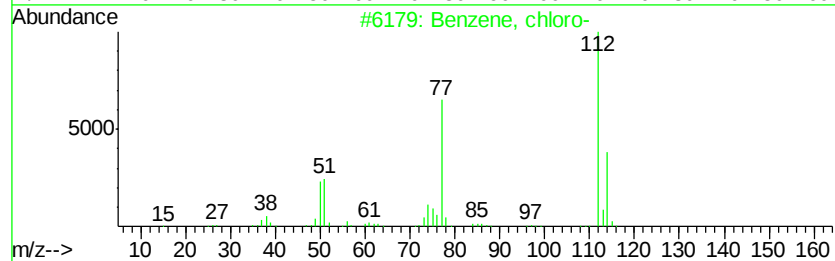
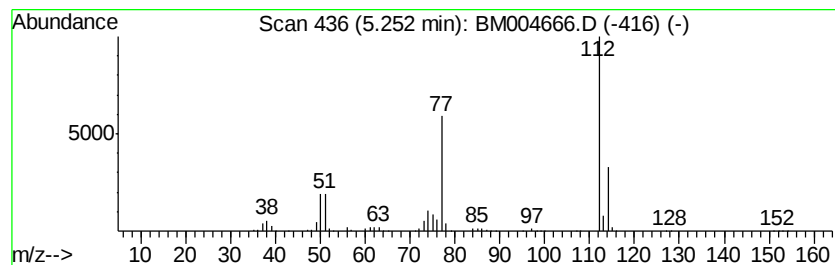
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	24.50 ng/ul	39448900	1,4-Dichlorobenzene-d4	7.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96	
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94	
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94	
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91	
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35	



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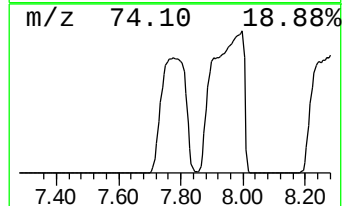
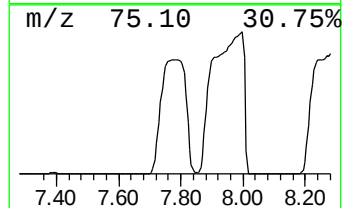
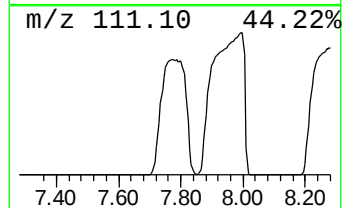
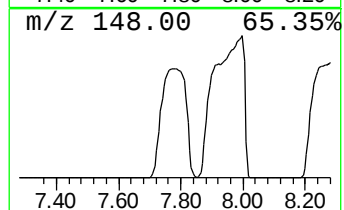
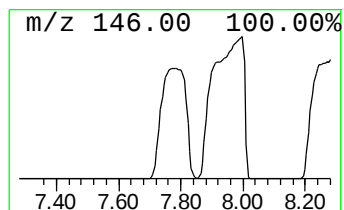
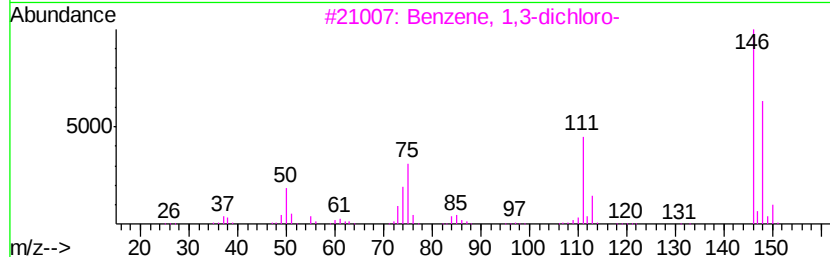
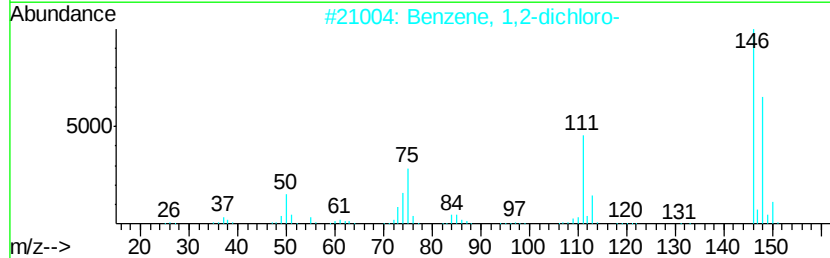
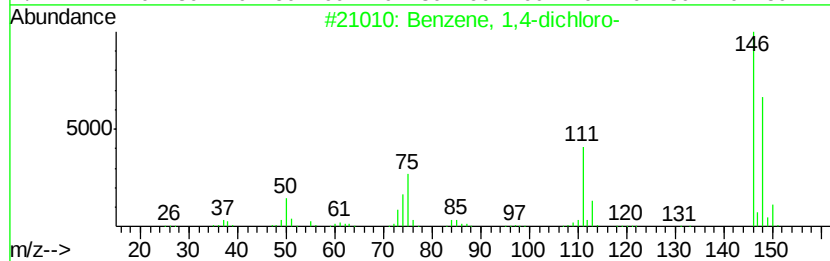
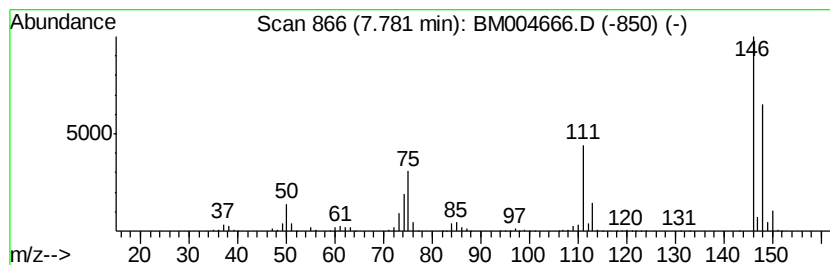
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	20.00 ng/ul	32208500	1,4-Dichlorobenzene-d4	7.88

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



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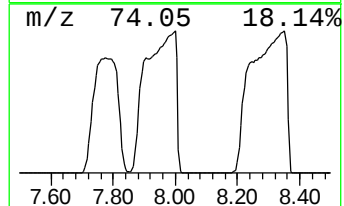
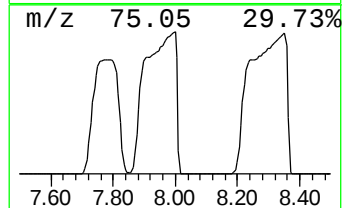
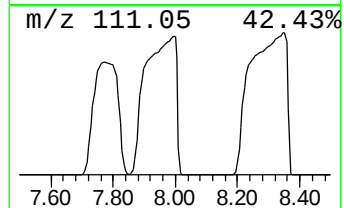
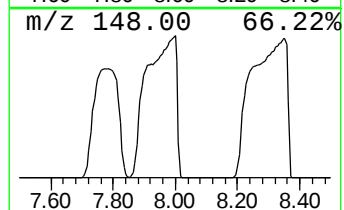
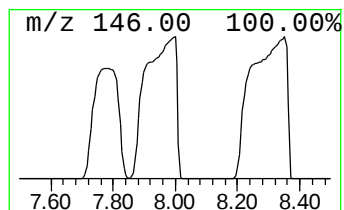
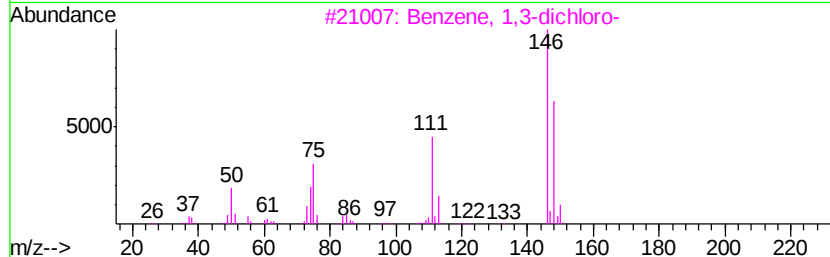
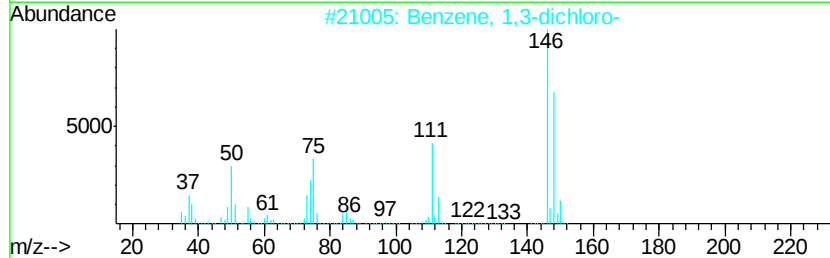
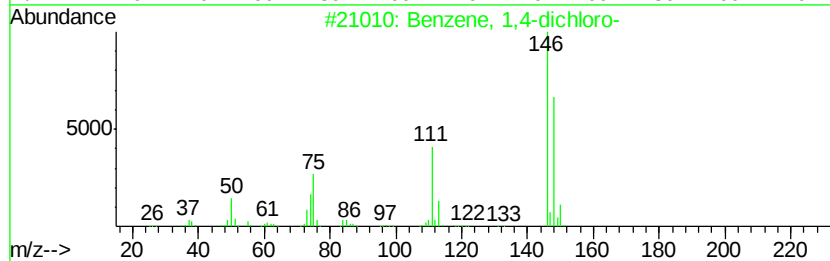
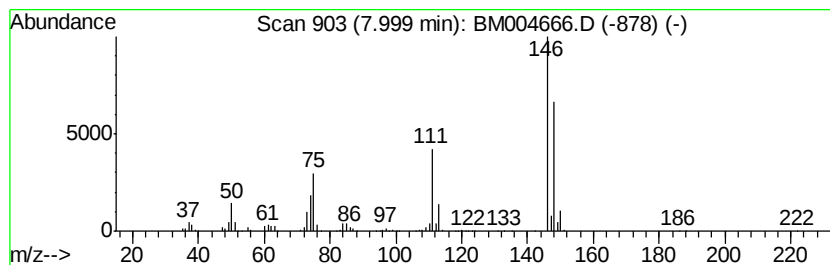
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	32.08 ng/ul	51668400	1,4-Dichlorobenzene-d4	7.88

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



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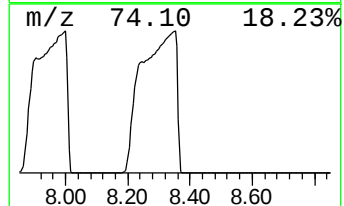
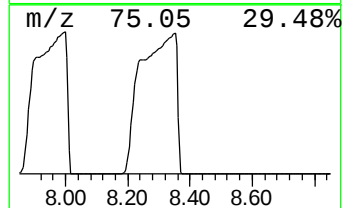
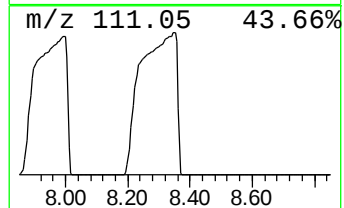
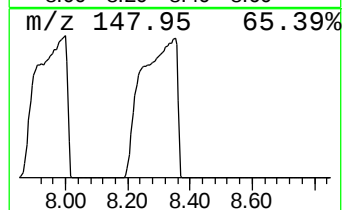
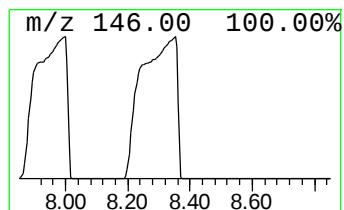
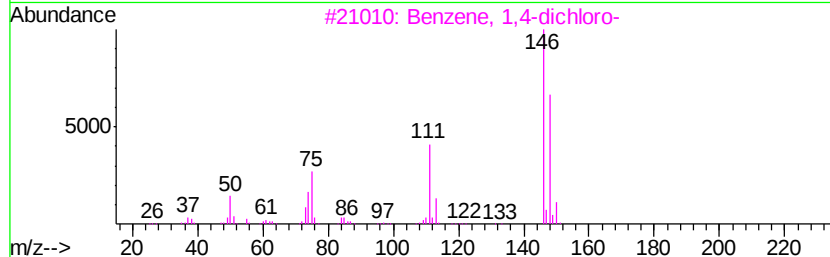
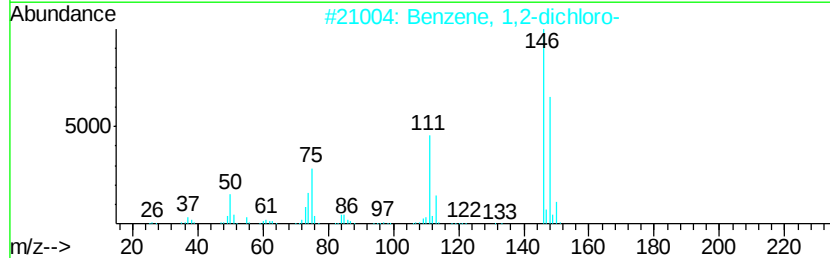
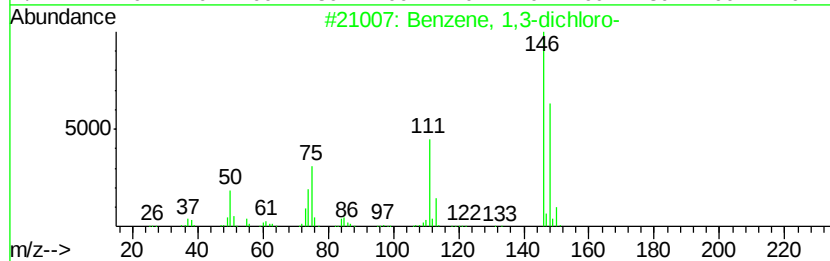
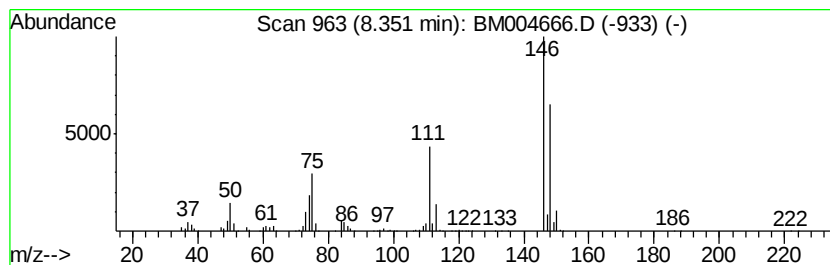
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	37.95 ng/ul	61121400	1,4-Dichlorobenzene-d4	7.88

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



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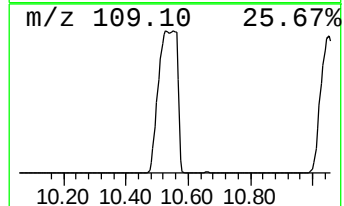
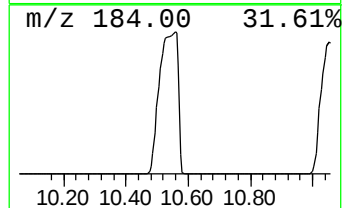
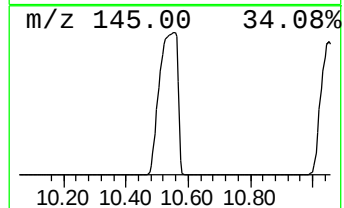
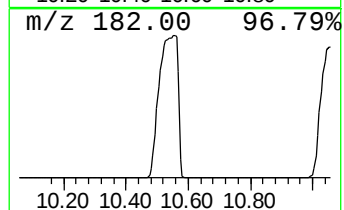
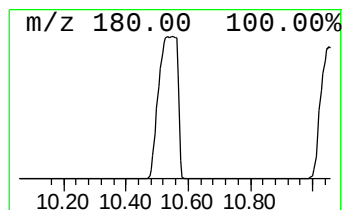
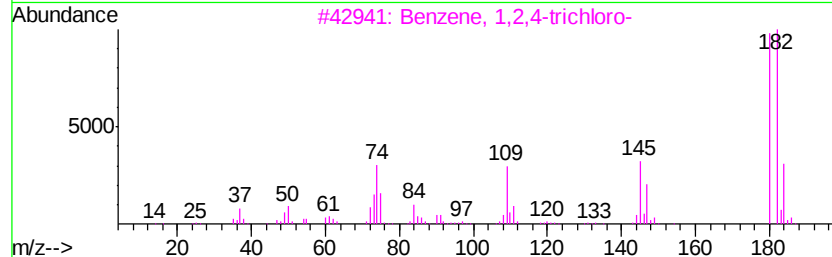
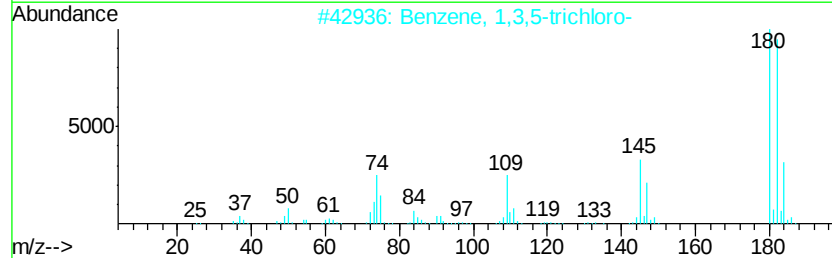
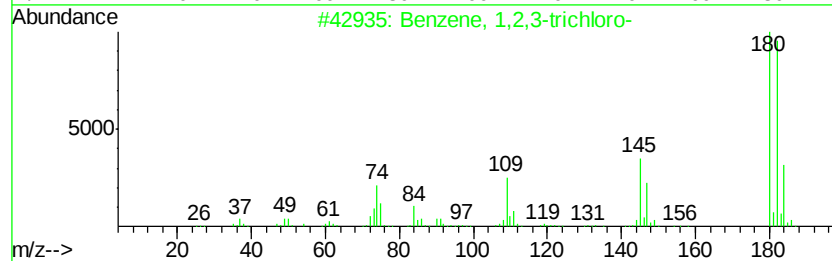
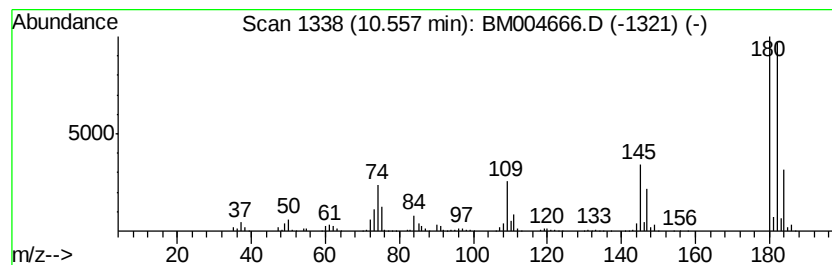
Instrument :
BNA_M
ClientSampleId :
C0AA7RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.56	20.00 ng/ul	26447000	Naphthalene-d8	10.66		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene,	1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene,	1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4	Benzene,	1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene,	1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004666.D
Acq On : 17 Mar 2016 14:56
Operator : UM/SJ
Sample : H1783-07RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA7RE

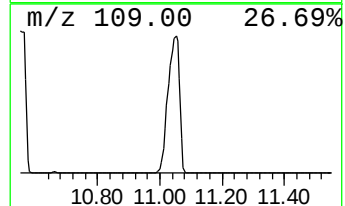
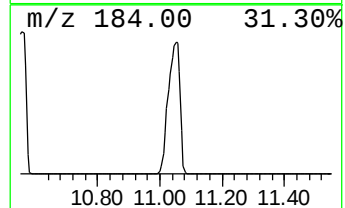
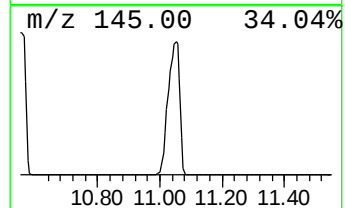
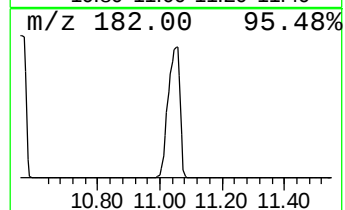
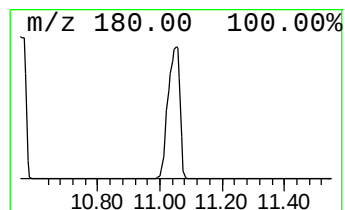
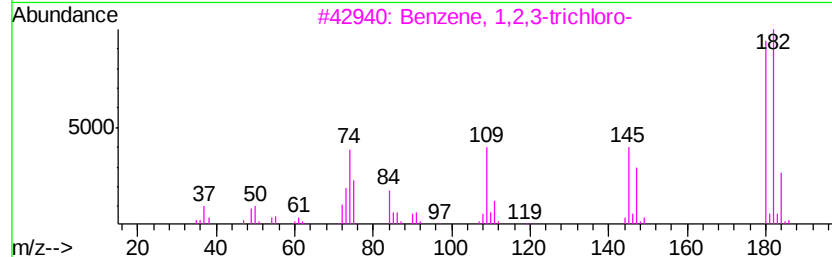
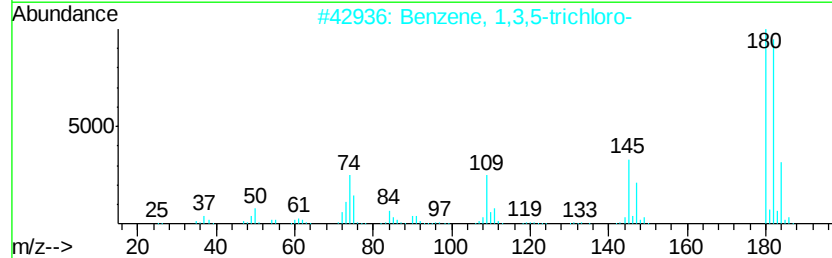
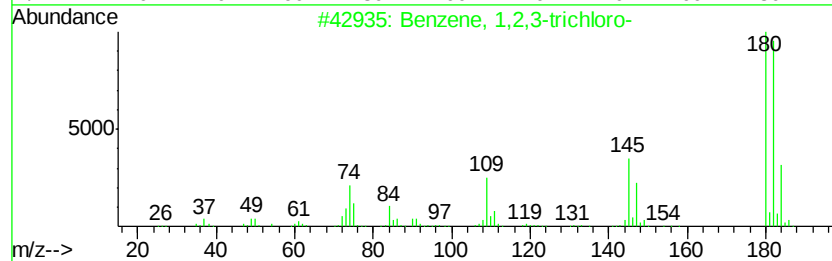
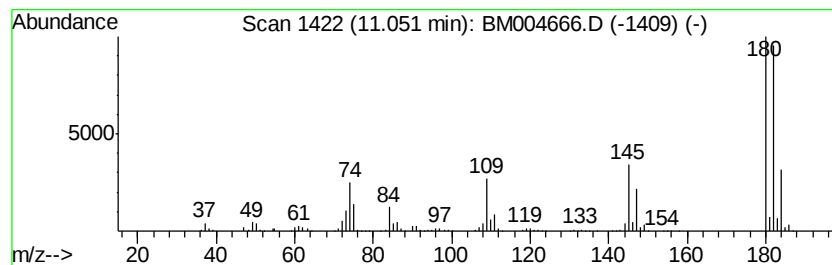
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	11.73 ng/ul	15512900	Napthalene-d8	10.66

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	97
4		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004666.D
Acq On : 17 Mar 2016 14:56
Operator : UM/SJ
Sample : H1783-07RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA7RE

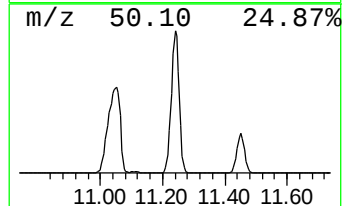
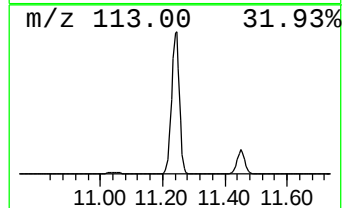
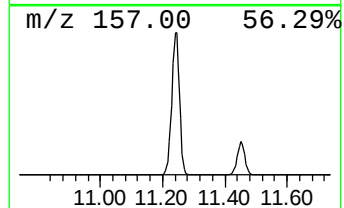
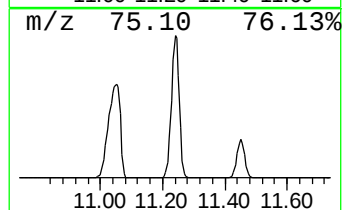
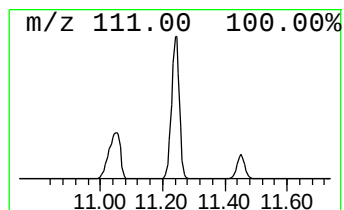
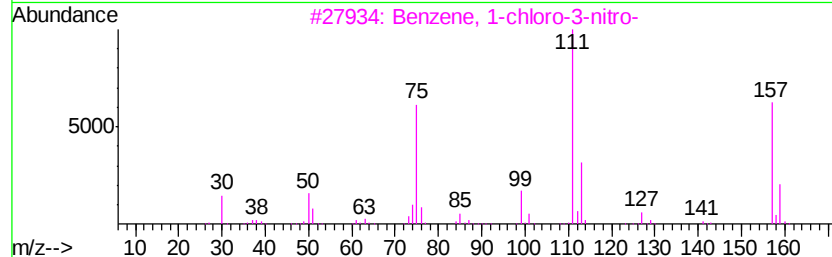
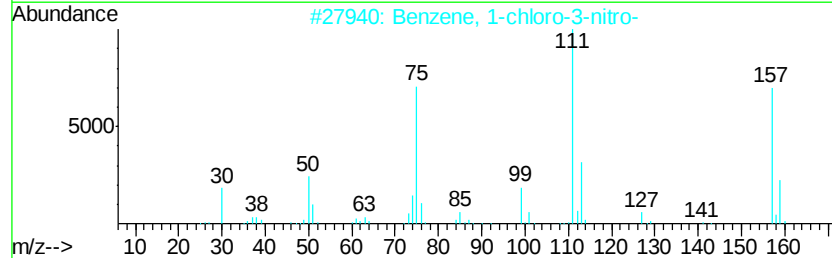
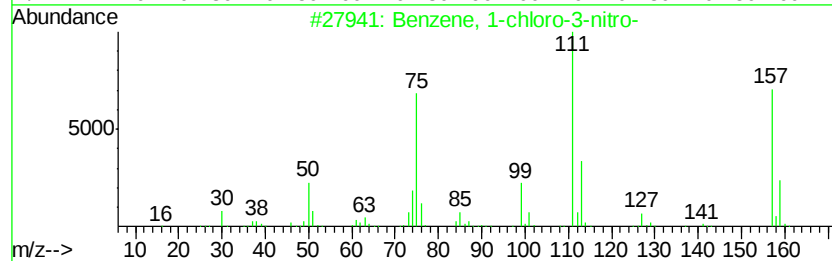
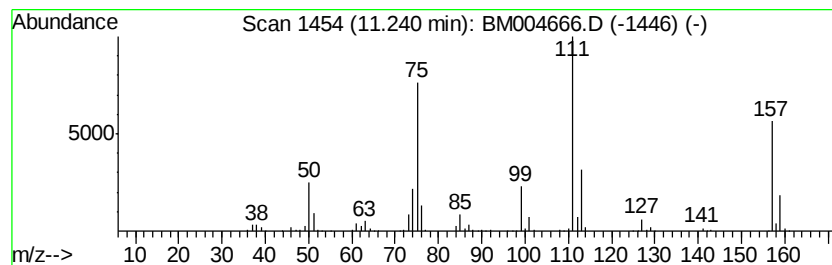
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.05 ng/ul	2712850	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004666.D
Acq On : 17 Mar 2016 14:56
Operator : UM/SJ
Sample : H1783-07RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA7RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.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	2.99	9.1	ng/ul	14577000	1	7.88	32208500	20.0
Benzene, chloro-	5.25	24.5	ng/ul	39448900	1	7.88	32208500	20.0
Benzene, 1,4-dich...	7.78	20.0	ng/ul	32208500	1	7.88	32208500	20.0
Benzene, 1,3-dich...	8.00	32.1	ng/ul	51668400	1	7.88	32208500	20.0
Benzene, 1,2-dich...	8.35	38.0	ng/ul	61121400	1	7.88	32208500	20.0
Benzene, 1,2,3-tr...	10.56	20.0	ng/ul	26447000	2	10.66	26447000	20.0
Benzene, 1,3,5-tr...	11.05	11.7	ng/ul	15512900	2	10.66	26447000	20.0
Benzene, 1-chloro...	11.24	2.0	ng/ul	2712850	2	10.66	26447000	20.0