

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016853.D
 Acq On : 22 Sep 2018 04:22
 Operator : SJ/JU
 Sample : J5012-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08Q8

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-BM091018MA.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	3.016	3	5	17	rVB	2023817	2131692	1.20%	0.314%
2	5.093	348	358	364	rBV3	49348558	112115936	62.87%	16.527%
3	5.834	478	484	493	rVB	535966	807486	0.45%	0.119%
4	6.416	577	583	589	rVB	156509	242716	0.14%	0.036%
5	6.887	657	663	675	rVB2	254149	501514	0.28%	0.074%
6	7.063	686	693	705	rBV	1052447	1626701	0.91%	0.240%
7	7.257	719	726	738	rVB	1006945	1819308	1.02%	0.268%
8	7.622	778	788	798	rBV	24280400	43424556	24.35%	6.401%
9	7.786	798	816	821	rBV3	51892597	141256633	79.21%	20.822%
10	8.116	856	872	877	rBV3	52307372	178328412	100.00%	26.287%
11	8.422	917	924	932	rVB	746123	1208590	0.68%	0.178%
12	8.945	993	1013	1018	rBV	20962360	47570753	26.68%	7.012%
13	9.204	1049	1057	1066	rVB	232420	379205	0.21%	0.056%
14	9.522	1105	1111	1116	rBV3	193388	393549	0.22%	0.058%
15	9.586	1116	1122	1137	rVB	958606	1662029	0.93%	0.245%
16	10.122	1205	1213	1220	rBV	1413528	2444249	1.37%	0.360%
17	10.186	1220	1224	1230	rVB	161804	259514	0.15%	0.038%
18	10.280	1230	1240	1246	rVB	115818	207720	0.12%	0.031%
19	10.375	1246	1256	1264	rBV	25827030	45337309	25.42%	6.683%
20	10.504	1270	1278	1284	rBV	1400744	2297684	1.29%	0.339%
21	10.610	1290	1296	1305	rBV2	116356	274564	0.15%	0.040%
22	10.886	1333	1343	1351	rBV	12472945	21526978	12.07%	3.173%
23	11.104	1364	1380	1393	rBV	8837624	14662885	8.22%	2.161%
24	11.310	1406	1415	1425	rBV	2360517	4047796	2.27%	0.597%
25	12.533	1618	1623	1631	rVB2	298109	515582	0.29%	0.076%
26	12.921	1683	1689	1696	rBV	241661	366922	0.21%	0.054%
27	13.145	1720	1727	1737	rVB	1008155	1617746	0.91%	0.238%
28	13.257	1739	1746	1751	rBV5	98969	209215	0.12%	0.031%
29	13.363	1759	1764	1770	rVB	182933	262818	0.15%	0.039%
30	13.768	1823	1833	1839	rBV	2568221	3600006	2.02%	0.531%
31	14.045	1867	1880	1888	rBV	3118548	4493282	2.52%	0.662%
32	14.357	1925	1933	1948	rBV2	1890650	2937488	1.65%	0.433%
33	14.551	1960	1966	1974	rVB	227198	340069	0.19%	0.050%
34	15.351	2095	2102	2109	rBV	4080438	5636037	3.16%	0.831%

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Title : SVOA CALIBRATION

35	15.468	2116	2122	2132	rVB	1054875	1413333	0.79%	0.208%
36	17.104	2394	2400	2410	rBV	2302614	3259751	1.83%	0.481%
37	17.203	2410	2417	2430	rBV	4214635	5977069	3.35%	0.881%
38	19.497	2801	2807	2817	rBV	5358108	6963331	3.90%	1.026%
39	21.291	3107	3112	3119	rBV	3367488	4109976	2.30%	0.606%
40	22.868	3377	3380	3384	rVB	135715	180556	0.10%	0.027%
41	23.385	3461	3468	3474	rBV	4397894	7651463	4.29%	1.128%
42	23.527	3485	3492	3501	rVB2	2358813	4337094	2.43%	0.639%

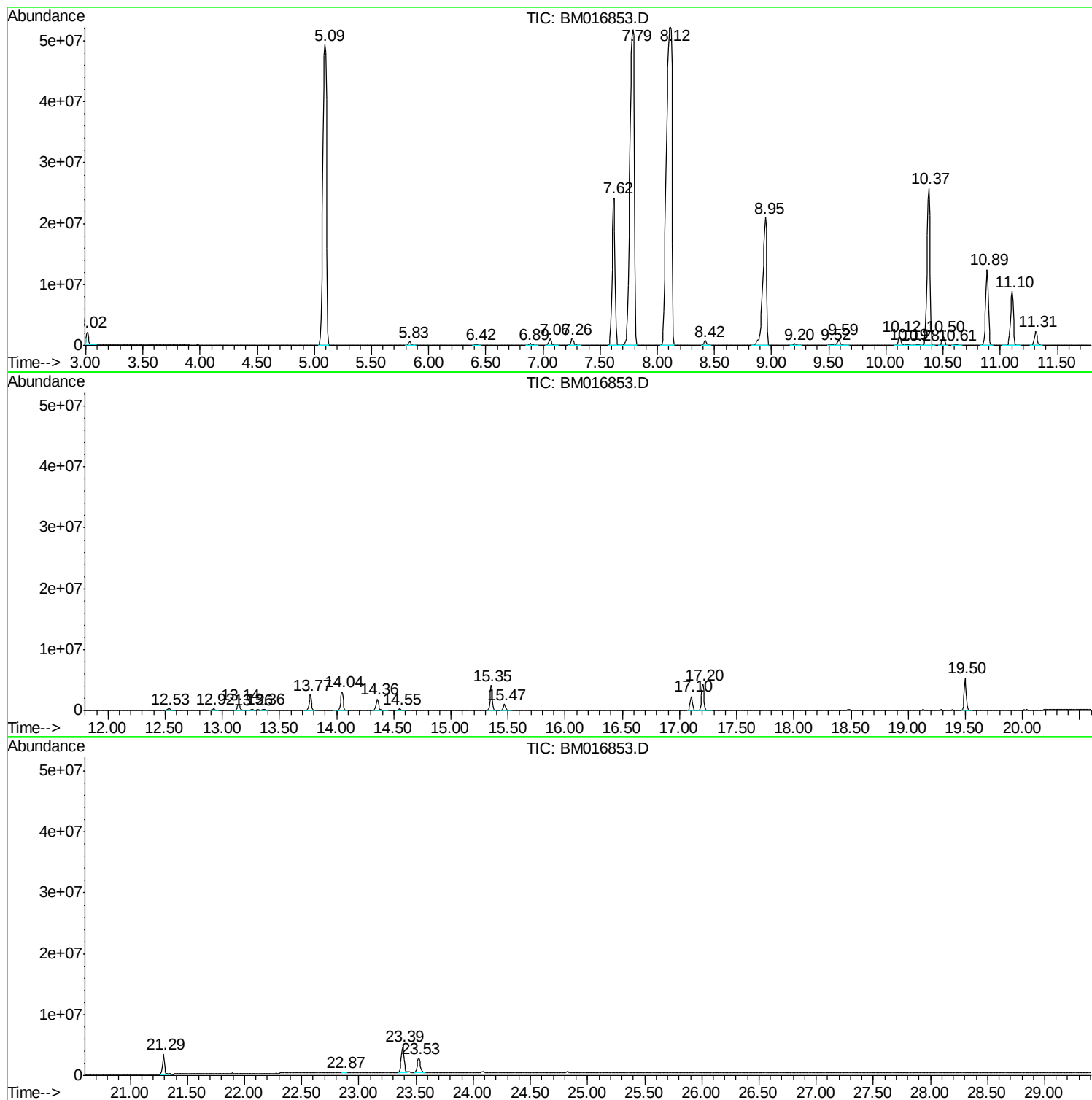
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



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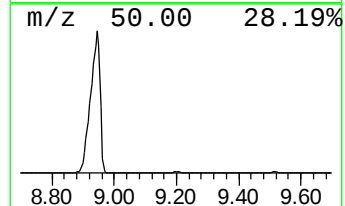
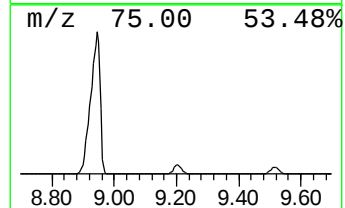
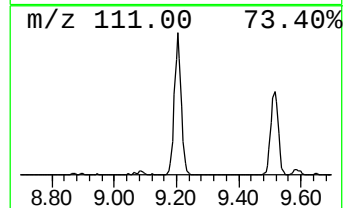
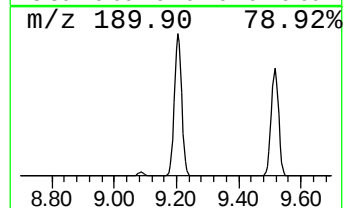
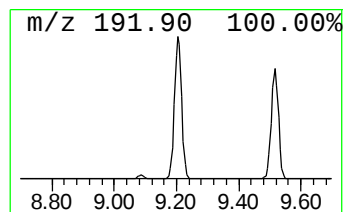
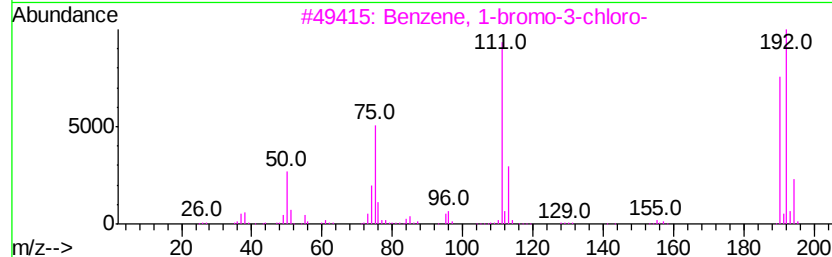
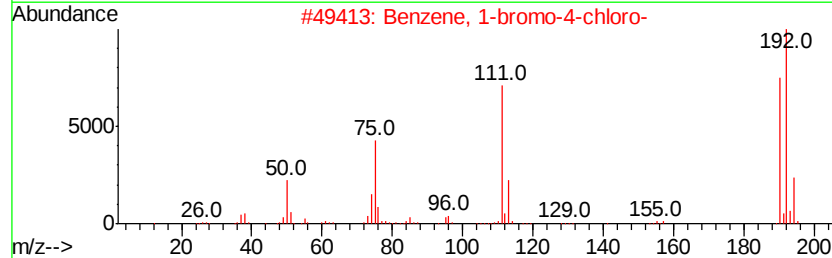
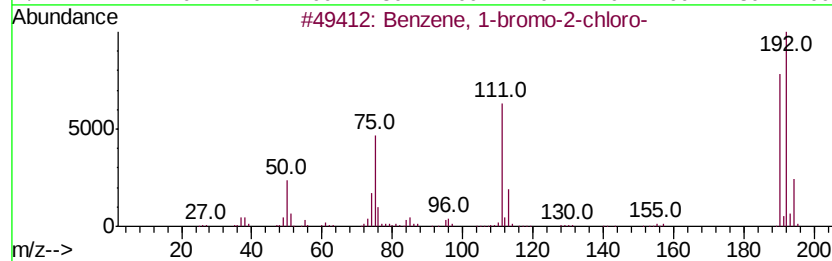
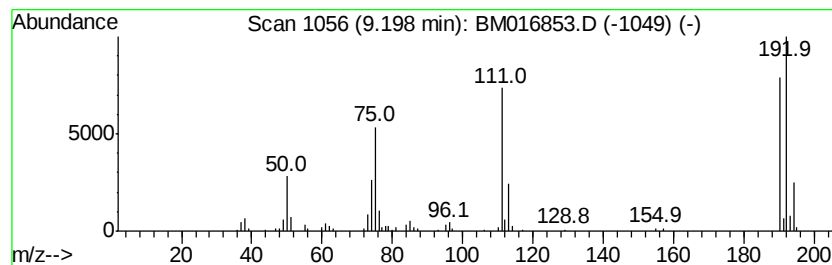
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.30 ng/ul	379205	Naphthalene-d8	10.50

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-4-chloro-	190	C6H4BrCl	000106-39-8	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



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Instrument :
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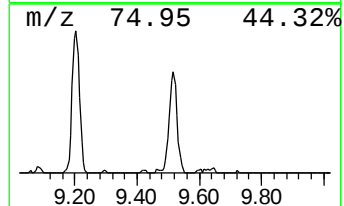
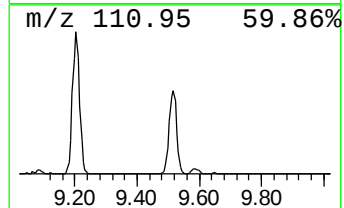
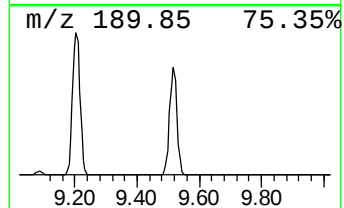
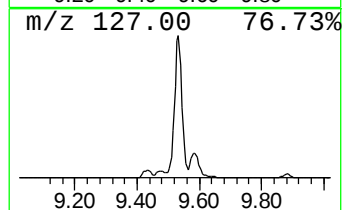
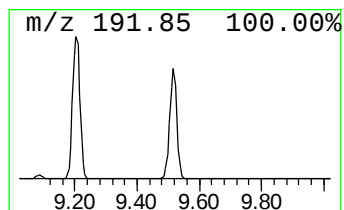
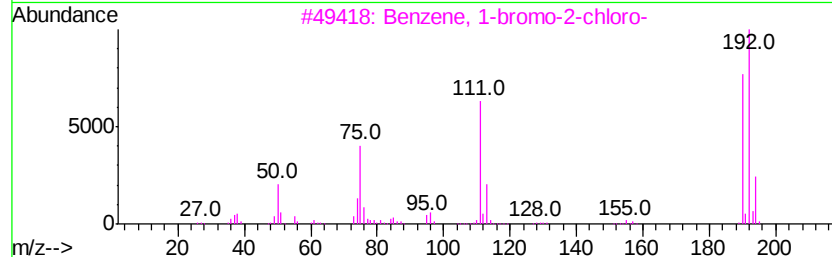
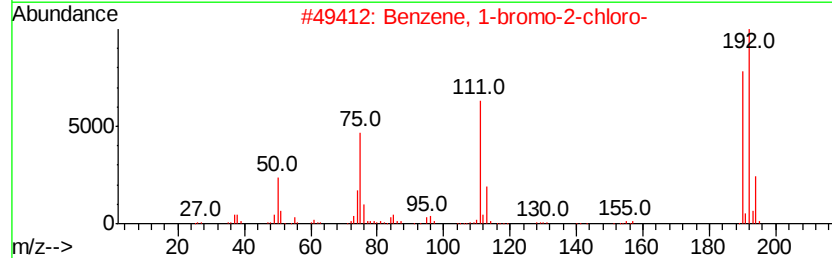
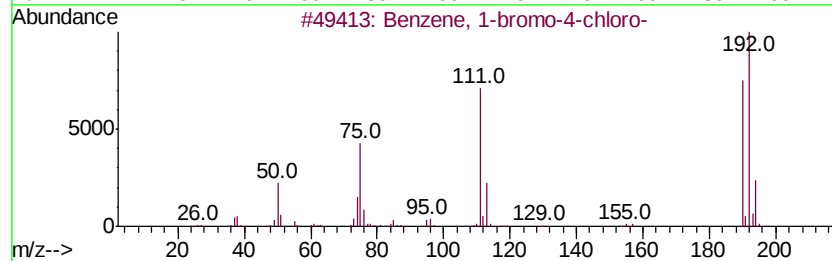
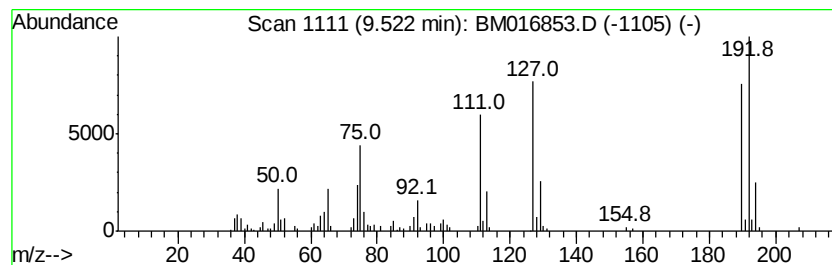
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Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.43 ng/ul	393549	Napthalene-d8	10.50

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-2-chloro-	190	C6H4BrCl	000694-80-4	97
4		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96



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Misc :
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Instrument :
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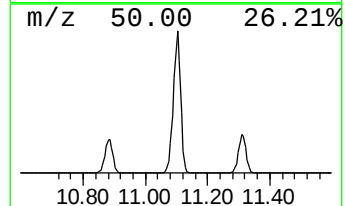
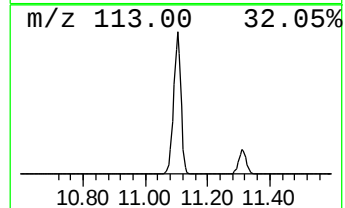
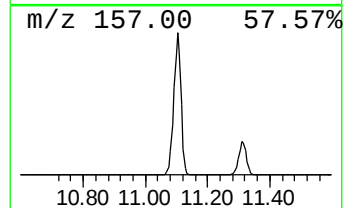
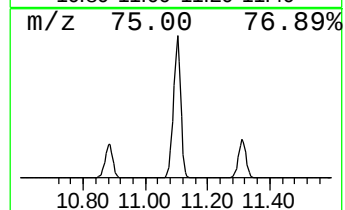
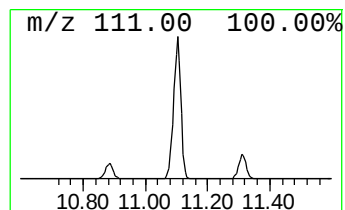
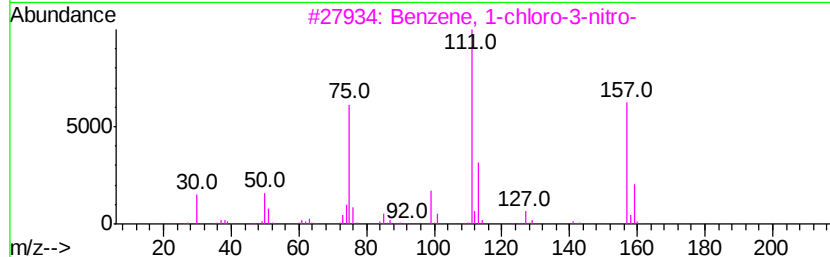
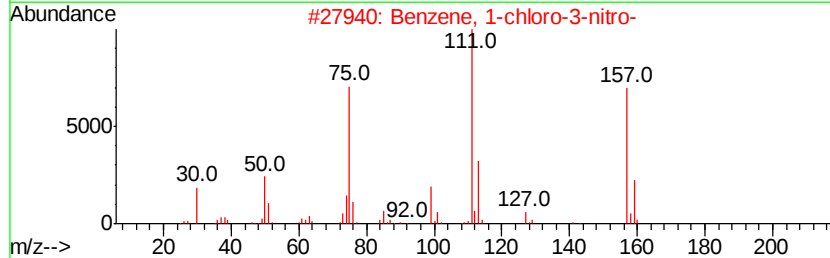
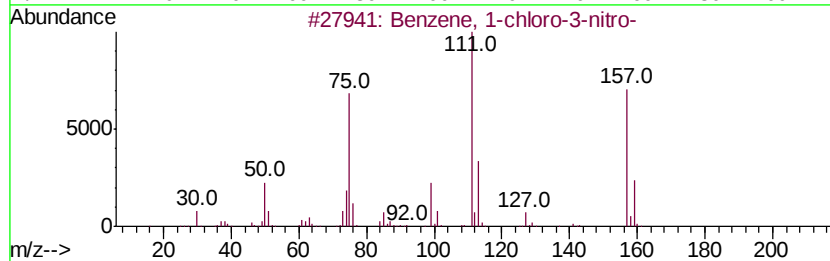
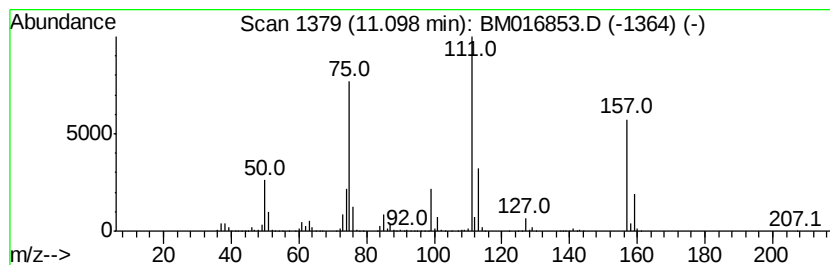
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	127.63 ng/ul	14662900	Naphthalene-d8	10.50

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	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



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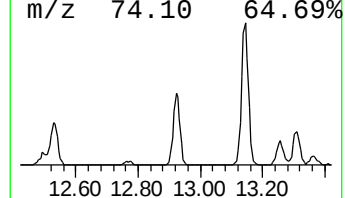
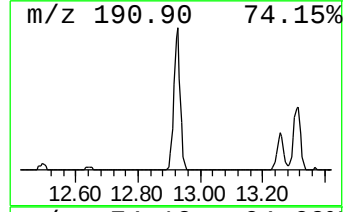
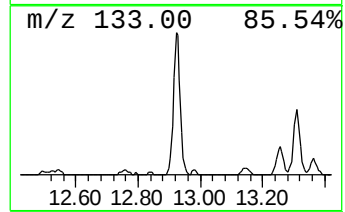
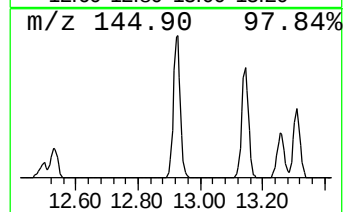
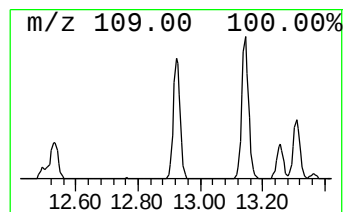
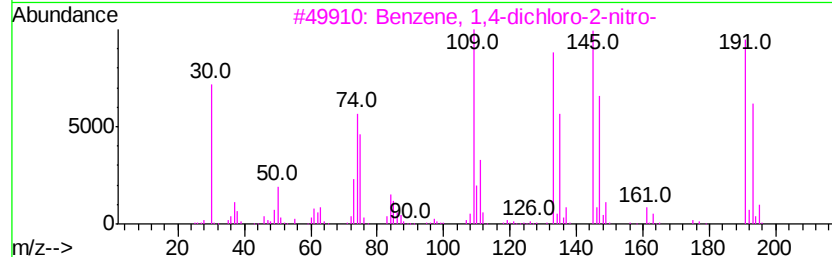
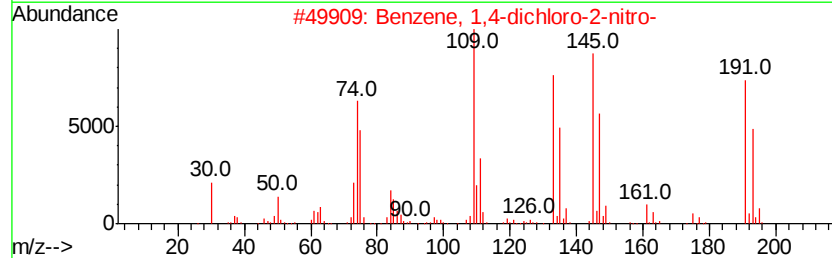
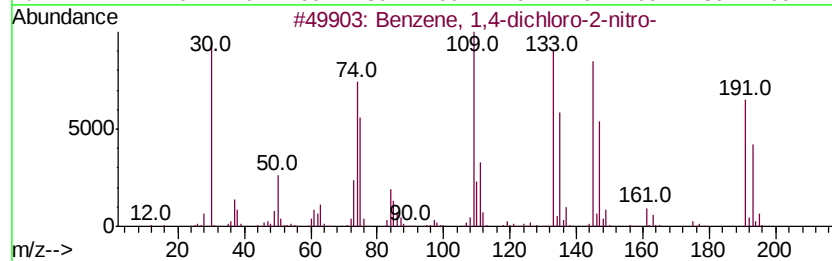
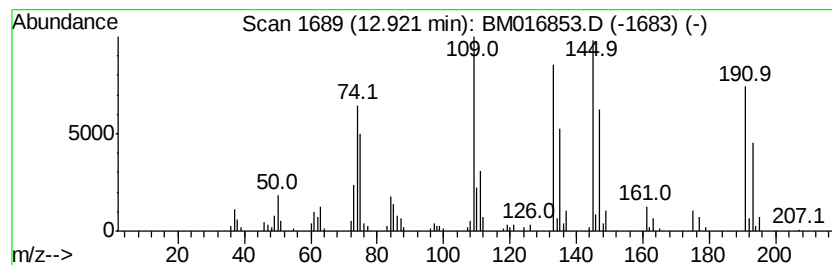
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Peak Number 12 Benzene, 1,4-dichloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.50 ng/ul	366922	Acenaphthene-d10	14.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
2			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	99
3			Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	98
4			Benzene, 2,4-dichloro-1-nitro-	191	C6H3Cl2NO2	000611-06-3	93
5			Benzene, 1,2-dichloro-3-nitro-	191	C6H3Cl2NO2	003209-22-1	93



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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, 1-bromo-...	9.20	3.3	ng/ul	379205	2	10.50	2297680	20.0
Benzene, 1-bromo-...	9.52	3.4	ng/ul	393549	2	10.50	2297680	20.0
Benzene, 1-chloro...	11.10	127.6	ng/ul	14662900	2	10.50	2297680	20.0
Benzene, 1,4-dich...	12.92	2.5	ng/ul	366922	3	14.36	2937490	20.0