

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011585.D
 Acq On : 19 Sep 2017 00:51
 Operator : SJ/JU
 Sample : I5234-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	5.287	330	340	342	rBV3	70436649	133017473	64.96%	16.705%
2	7.146	646	656	674	rVB2	791179	2002224	0.98%	0.251%
3	7.298	674	682	694	rBV	1859801	2998589	1.46%	0.377%
4	7.498	706	716	719	rBV	1787404	3031987	1.48%	0.381%
5	7.534	719	722	741	rVB	1368592	2144490	1.05%	0.269%
6	7.863	769	778	789	rBV	14635870	24232267	11.83%	3.043%
7	8.040	790	808	813	rBV5	69717461	204764320	100.00%	25.715%
8	8.363	849	863	864	rBV4	70167088	189136507	92.37%	23.753%
9	8.663	907	914	928	rBV	1283375	2147683	1.05%	0.270%
10	9.134	986	994	997	rBV	2268984	3831617	1.87%	0.481%
11	9.181	997	1002	1017	rVB	7033473	11485297	5.61%	1.442%
12	9.469	1045	1051	1059	rBV	143007	254618	0.12%	0.032%
13	9.587	1063	1071	1082	rVB	954650	1572170	0.77%	0.197%
14	9.851	1110	1116	1137	rVB	1736694	3204708	1.57%	0.402%
15	10.392	1200	1208	1214	rBV	2456865	4593501	2.24%	0.577%
16	10.457	1214	1219	1228	rVB	1451120	2523293	1.23%	0.317%
17	10.551	1228	1235	1242	rBV	1014221	1767691	0.86%	0.222%
18	10.645	1242	1251	1259	rBV	38184254	68950812	33.67%	8.659%
19	10.781	1267	1274	1286	rVB	2341344	3854505	1.88%	0.484%
20	10.910	1286	1296	1302	rBV2	124995	261887	0.13%	0.033%
21	11.163	1329	1339	1356	rBV	7490572	12660739	6.18%	1.590%
22	11.328	1360	1367	1369	rBV2	245255	407158	0.20%	0.051%
23	11.375	1369	1375	1381	rVV	2334117	4107380	2.01%	0.516%
24	11.428	1381	1384	1391	rVB	148488	239216	0.12%	0.030%
25	11.586	1403	1411	1425	rBV	581789	1077037	0.53%	0.135%
26	12.063	1487	1492	1503	rVB2	132506	264513	0.13%	0.033%
27	12.792	1605	1616	1625	rVB	1472497	2602377	1.27%	0.327%
28	13.404	1713	1720	1734	rBV2	4910963	8466692	4.13%	1.063%
29	13.604	1748	1754	1774	rVB2	2436282	4320331	2.11%	0.543%
30	14.004	1813	1822	1827	rBV	5176033	7696876	3.76%	0.967%
31	14.057	1827	1831	1846	rVB5	174797	356483	0.17%	0.045%
32	14.292	1858	1871	1878	rBV	5779296	8464825	4.13%	1.063%
33	14.351	1878	1881	1885	rVV	174638	233371	0.11%	0.029%
34	14.598	1913	1923	1937	rBV2	3279315	5375561	2.63%	0.675%

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Title : SVOA CALIBRATION

35	14.786	1948	1955	1966	rBV	287278	583375	0.28%	0.073%
36	14.910	1972	1976	1982	rVB	171139	268930	0.13%	0.034%
37	15.586	2085	2091	2103	rBV	7576771	10790111	5.27%	1.355%
38	15.698	2103	2110	2123	rVV	2929652	3975285	1.94%	0.499%
39	17.339	2382	2389	2397	rBV	4263647	5956367	2.91%	0.748%
40	17.439	2399	2406	2422	rVV	8989685	12576067	6.14%	1.579%
41	19.721	2788	2794	2804	rBV	11106216	14536600	7.10%	1.826%
42	21.503	3091	3097	3106	rBV	5310012	6648443	3.25%	0.835%
43	23.721	3466	3474	3484	rBV2	6838725	13111122	6.40%	1.647%
44	23.874	3493	3500	3512	rVB	2969215	5777079	2.82%	0.726%

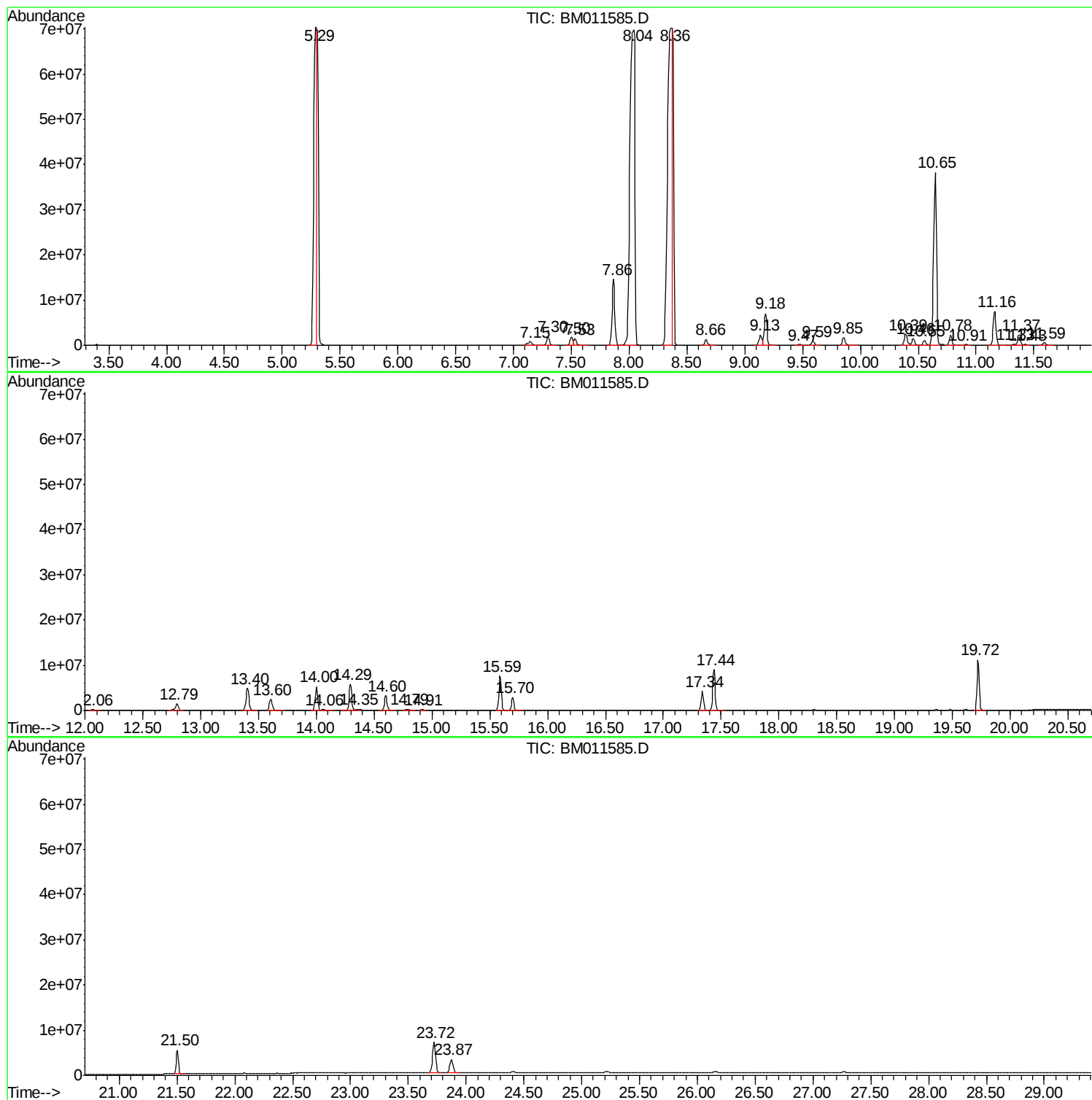
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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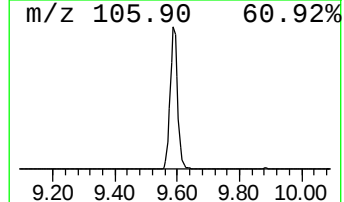
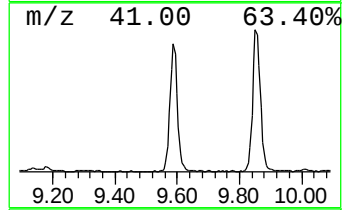
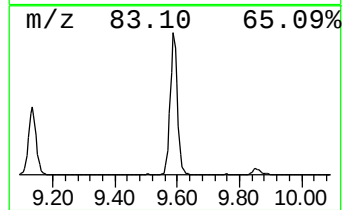
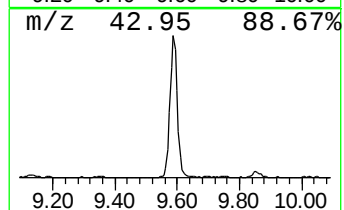
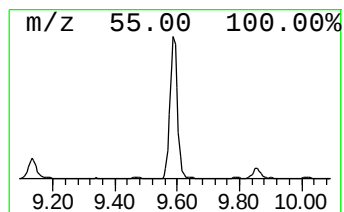
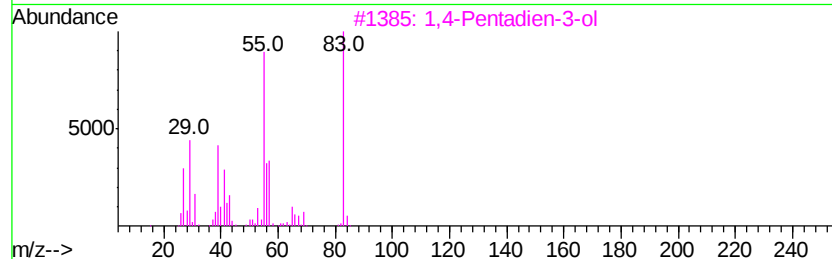
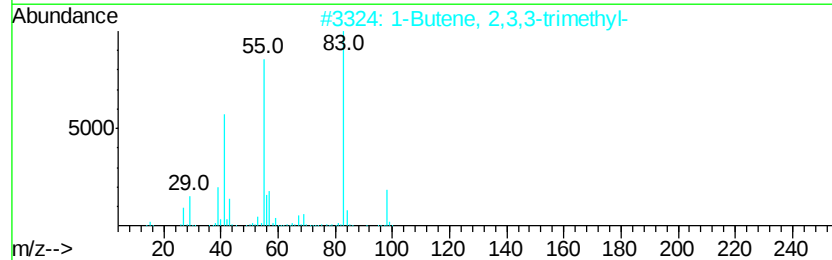
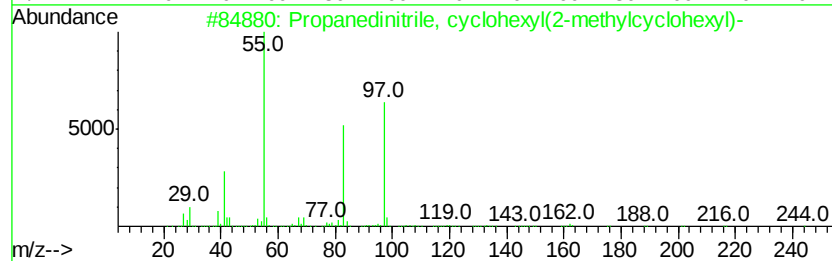
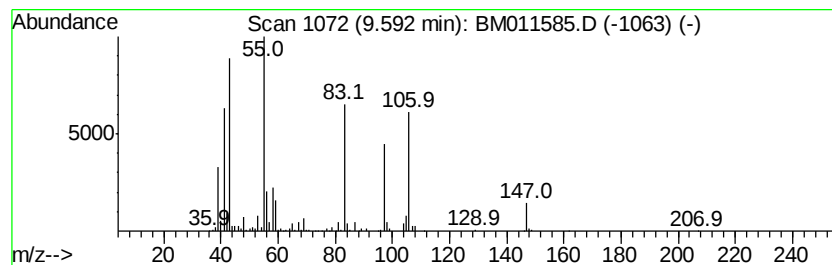
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	8.16 ng/ul	1572170	Naphthalene-d8	10.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, cvclohexvl(2-m...	244	C16H24N2	074764-55-9	32
2		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
3		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	18
4		1-Propenylaziridine	83	C5H9N	1000192-51-0	18
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	16



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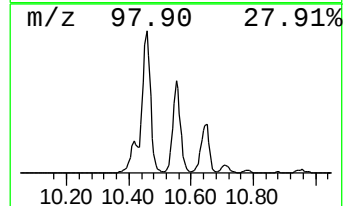
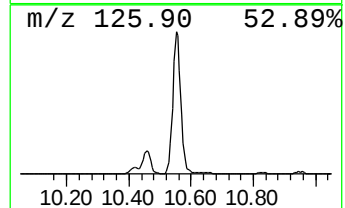
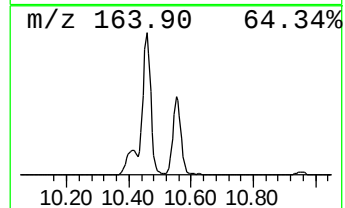
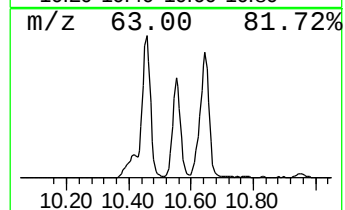
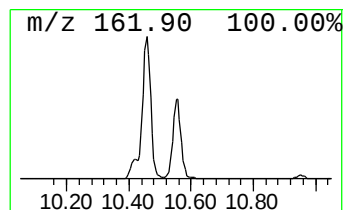
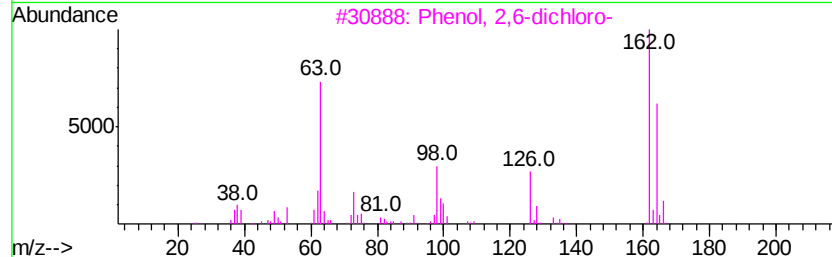
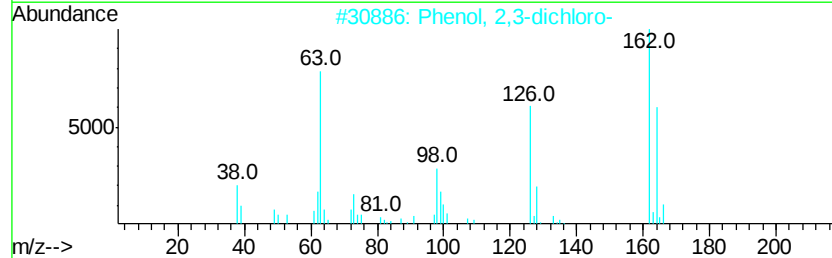
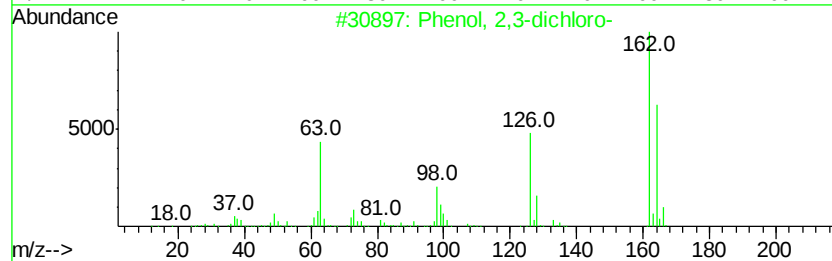
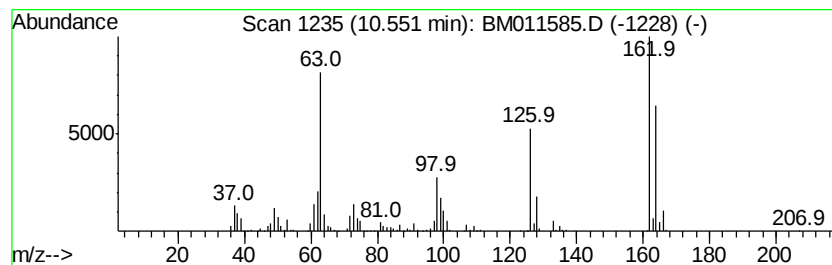
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 2,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	9.17 ng/ul	1767690	Naphthalene-d8	10.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	96	
2	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95	
3	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	95	
4	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	95	
5	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	94	



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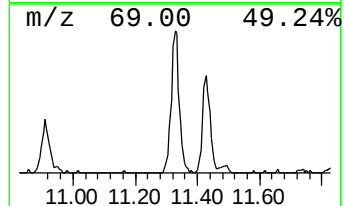
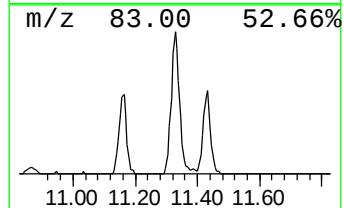
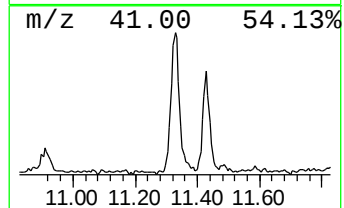
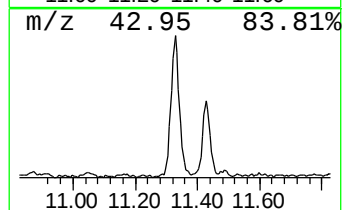
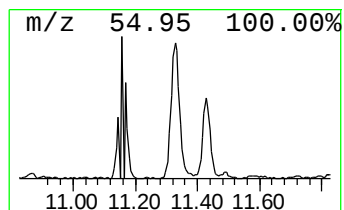
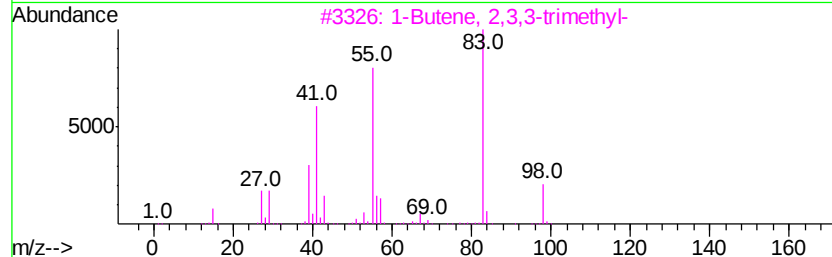
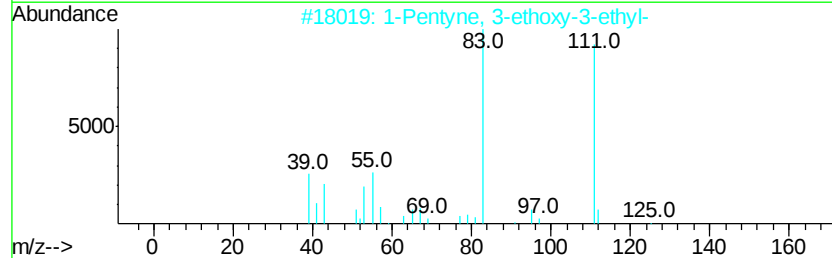
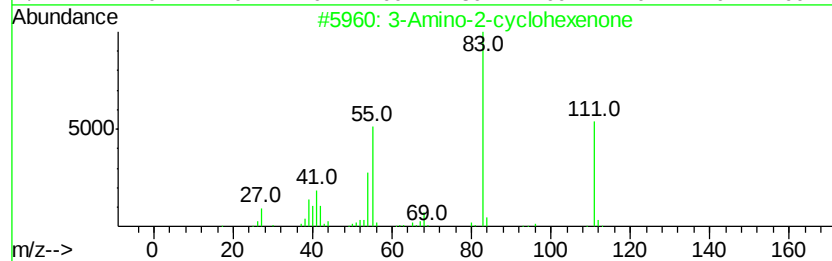
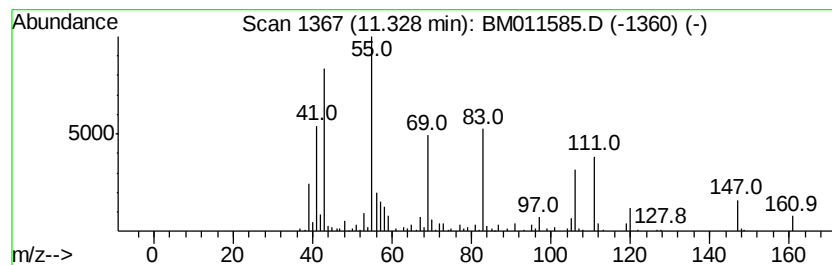
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.11 ng/ul	407158	Naphthalene-d8	10.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	38
2		1-Pentyne, 3-ethoxy-3-ethyl-	140	C9H16O	053966-56-6	35
3		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	35
4		2,4,4-Trimethylbut-2-enolide	126	C7H10O2	004182-41-6	35
5		5-Methyl-3-heptene	112	C8H16	050422-80-5	30



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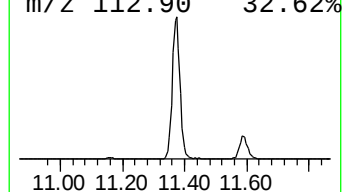
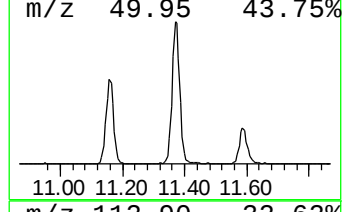
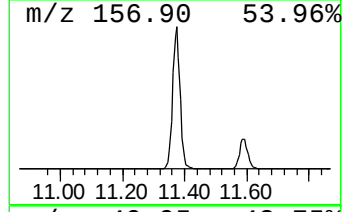
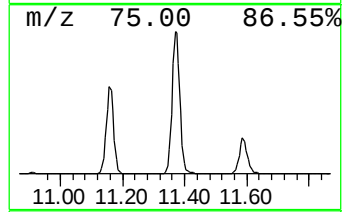
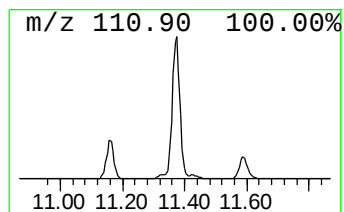
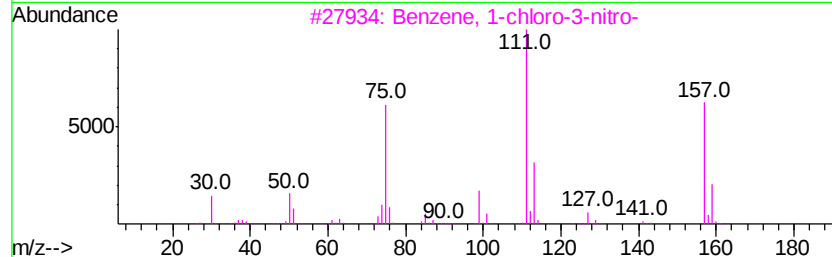
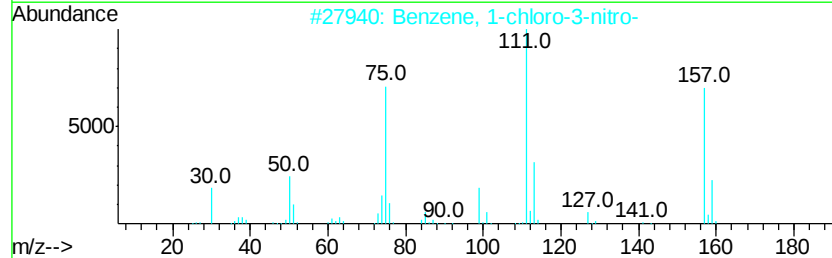
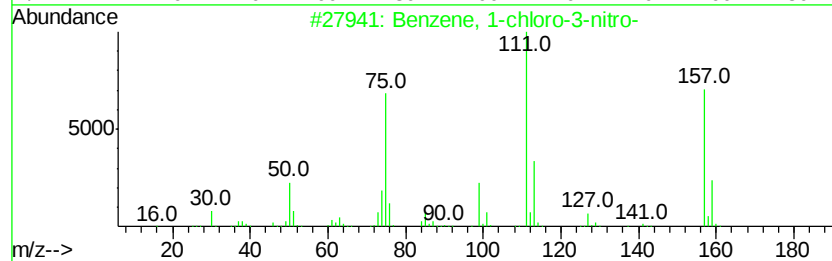
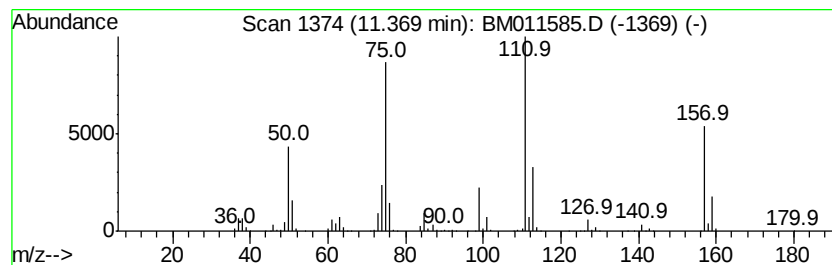
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	21.31 ng/ul	4107380	Naphthalene-d8	10.78

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	92
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	64
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	53



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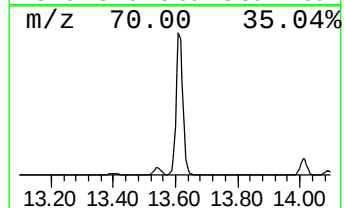
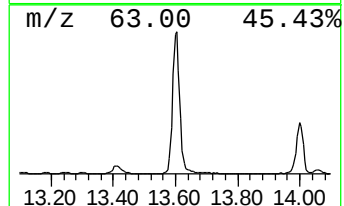
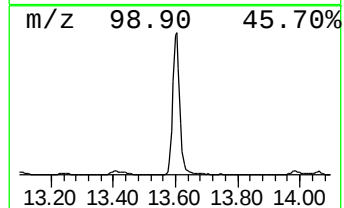
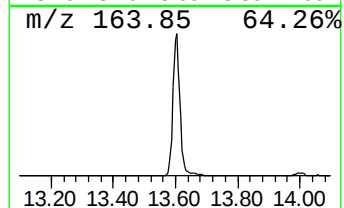
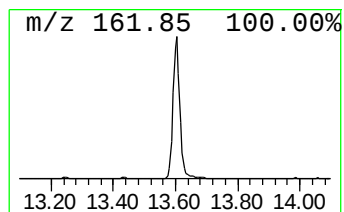
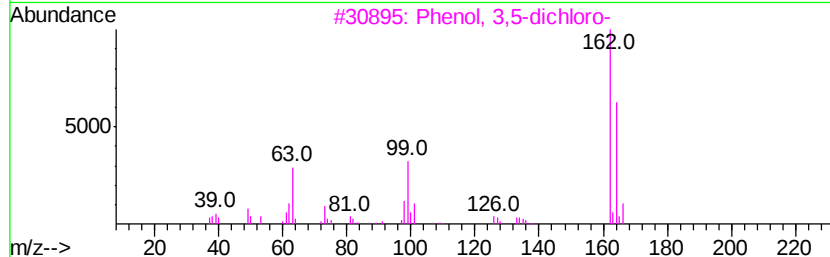
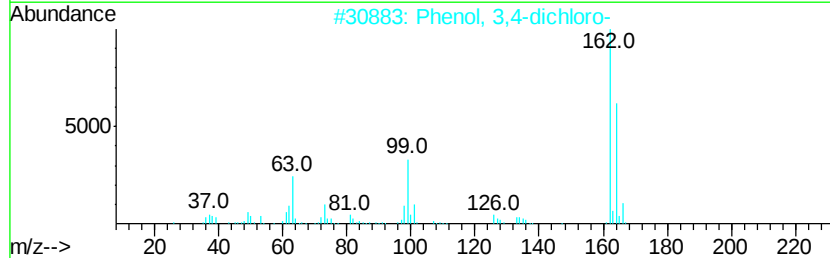
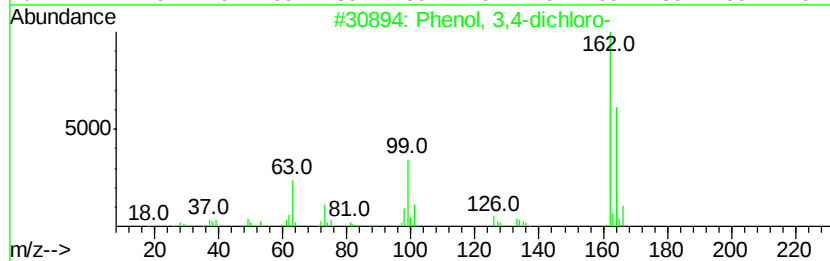
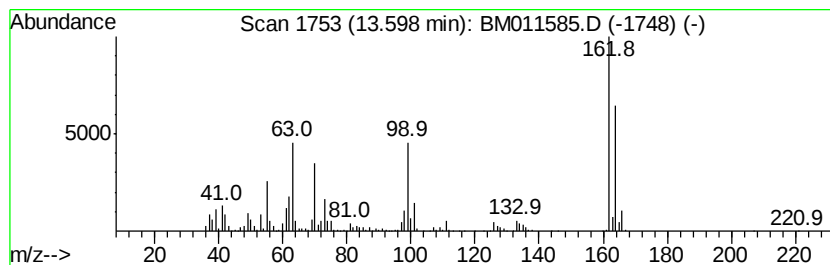
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenol, 3,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	16.07 ng/ul	4320330	Acenaphthene-d10	14.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
2		Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
3		Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	89
4		Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	89
5		Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
Data File : BM011585.D
Acq On : 19 Sep 2017 00:51
Operator : SJ/JU
Sample : I5234-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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
unknown-01	9.59	8.2	ng/ul	1572170	2	10.78	3854510	20.0
Phenol, 2,3-dichl...	10.55	9.2	ng/ul	1767690	2	10.78	3854510	20.0
unknown-02	11.33	2.1	ng/ul	407158	2	10.78	3854510	20.0
Benzene, 1-chloro...	11.37	21.3	ng/ul	4107380	2	10.78	3854510	20.0
Phenol, 3,4-dichl...	13.60	16.1	ng/ul	4320330	3	14.60	5375560	20.0