

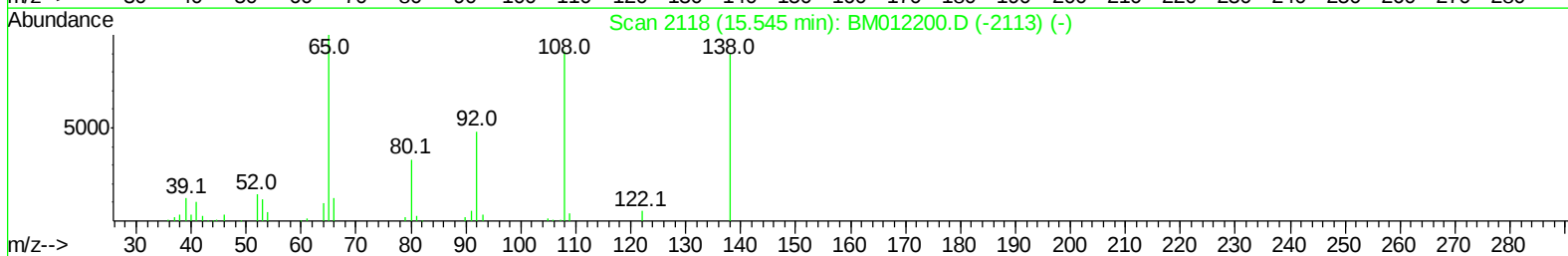
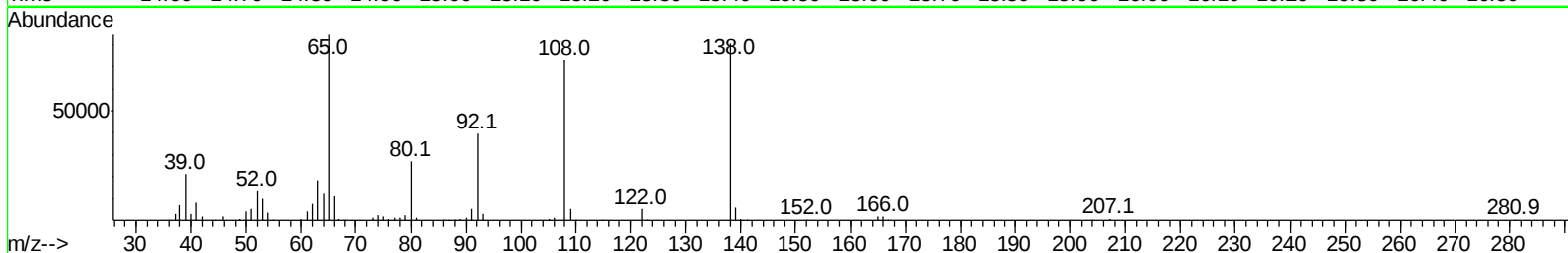
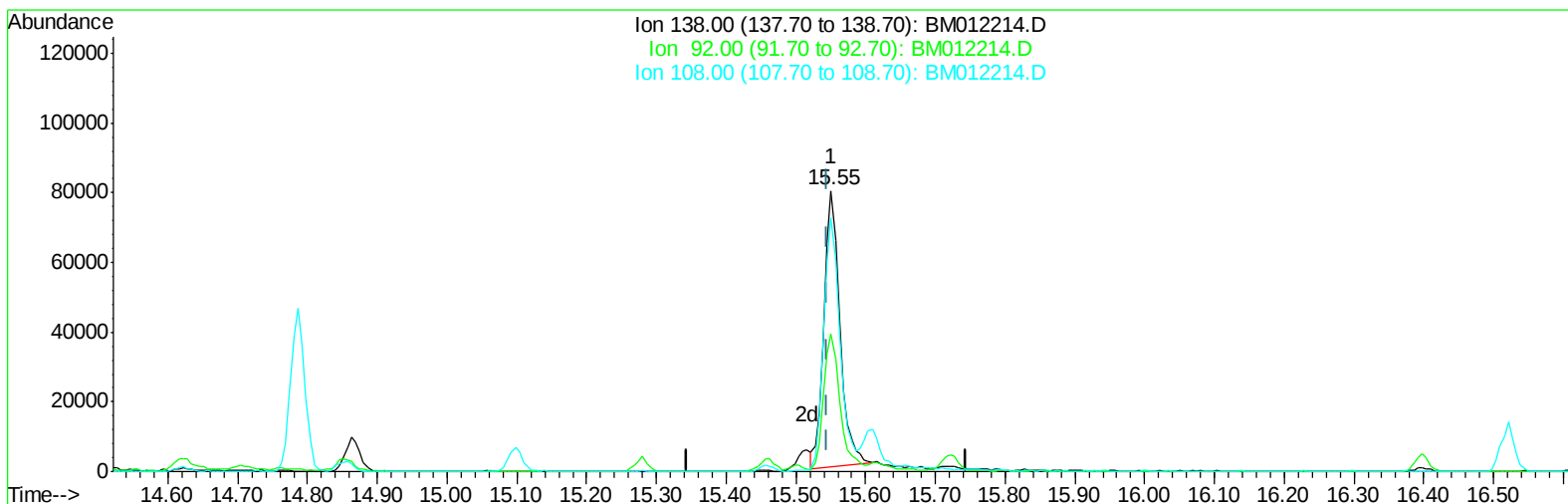
Data Path : Z:\HPCHEM1\BNA M\Data\BM101417\
Data File : BM012214.D
Acq On : 15 Oct 2017 18:17
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02010

Manual Integrations
APPROVED

Sohil
10/16/2017 7:49:17 PM

Quant Time: Oct 16 02:05:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration



TIC: BM012214.D

(60) 4-Nitroaniline

15.551min (+0.006) 17.68ng/ul

response 125882

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	49.10
108.00	100.00	90.33
0.00	0.00	0.00

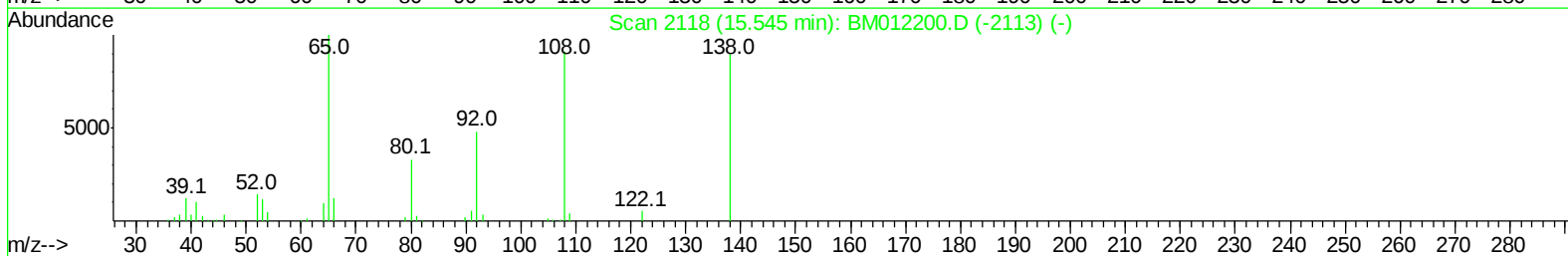
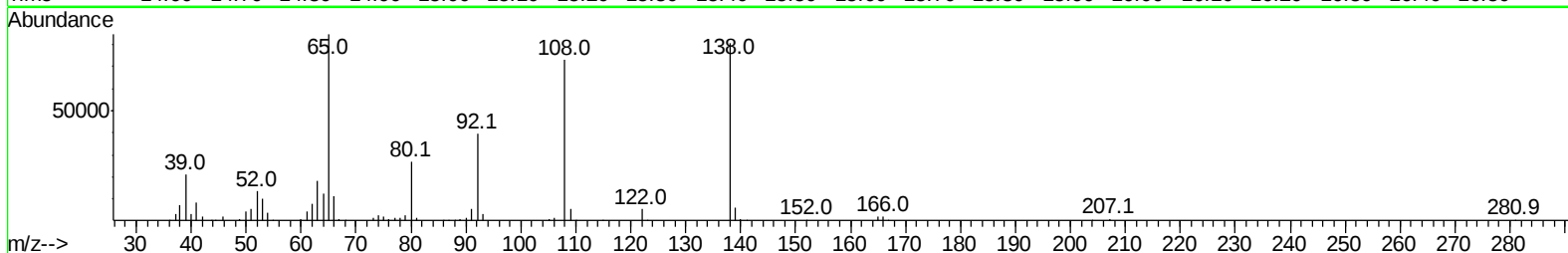
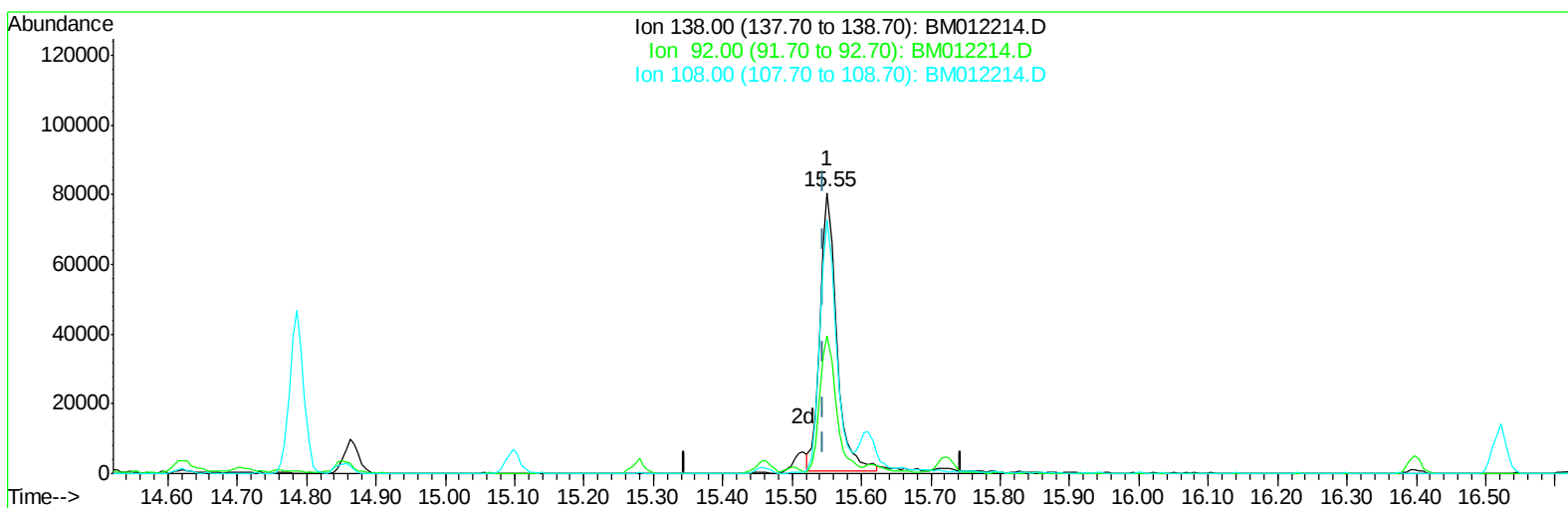
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TIC: BM012214.D

(60) 4-Nitroaniline

15.551min (+0.006) 18.46ng/ul m

response 131491

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	49.10
108.00	100.00	90.33
0.00	0.00	0.00

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Quant Time: Oct 16 04:34:25 2017
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	153814	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	647935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	421759	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1055433	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	955779	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	831860	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	24001	7.42	ng/uL	0.00
5) Phenol-d5	6.98	99	216745	17.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	118556	15.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	199230	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	198229	18.45	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	94560	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	110449	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	228007	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	245908	23.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	703556	18.87	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	880178	19.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	95721	17.08	ng/ul	0.00
57) Fluorene-d10	15.46	176	619572	20.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	76581	10.57	ng/ul	0.01
70) Anthracene-d10	17.32	188	1027501	19.69	ng/ul	0.00
76) Pyrene-d10	19.61	212	1135462	23.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	785739	19.59	ng/ul	0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	23267	7.045	ng/uL#	64
4) Benzaldehyde	6.96	77	139206	16.693	ng/ul	90
6) Phenol	7.01	94	220073	17.058	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.23	93	166983	16.984	ng/ul	99
10) 2-Chlorophenol	7.37	128	199810	18.494	ng/ul	94
11) 2-Methylphenol	8.26	108	176157	18.155	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	172956	13.855	ng/ul#	78
14) Acetophenone	8.64	105	294519	18.036	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.62	70	144771	16.542	ng/ul#	66
16) 4-Methylphenol	8.59	108	192264	17.981	ng/ul	98
17) Hexachloroethane	8.88	117	77664	17.036	ng/ul	90
20) Nitrobenzene	9.02	77	219194	17.842	ng/ul#	89
21) Isophorone	9.55	82	404297	17.615	ng/ul#	91
23) 2-Nitrophenol	9.73	139	118438	19.116	ng/ul#	75
24) 2,4-Dimethylphenol	9.79	107	237974	19.059	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.02	93	237896	17.677	ng/ul	96
27) 2,4-Dichlorophenol	10.27	162	220926	20.332	ng/ul	93
28) Naphthalene	10.66	128	652167	19.454	ng/ul	99
30) 4-Chloroaniline	10.79	127	245603	24.193	ng/ul	94
31) Hexachlorobutadiene	10.93	225	178271	22.136	ng/ul	94
32) Caprolactam	11.58	113	65324	19.043	ng/ul#	34
33) 4-Chloro-3-methylphenol	11.92	107	218336	19.178	ng/ul	95
34) 2-Methylnaphthalene	12.28	142	500534	19.786	ng/ul	97

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Manual Integrations
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Sohil
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	326165	21.304	ng/ul	96
37) Hexachlorocyclopentadiene	12.62	237	14740	2.160	ng/ul	92
38) 2,4,6-Trichlorophenol	12.90	196	208316	20.522	ng/ul	97
39) 2,4,5-Trichlorophenol	12.98	196	217040	20.776	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	674507	18.950	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	551156	19.734	ng/ul	99
42) 2-Nitroaniline	13.56	65	135914	17.490	ng/ul#	80
44) Dimethylphthalate	13.92	163	697638	18.680	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	146965	19.826	ng/ul	89
47) Acenaphthylene	14.19	152	849322	19.168	ng/ul	99
48) 3-Nitroaniline	14.39	138	129531	22.459	ng/ul	83
49) Acenaphthene	14.53	153	571566	19.151	ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	32221	7.654	ng/ul	95
52) 4-Nitrophenol	14.71	109	85336	16.944	ng/ul#	76
53) Dibenzofuran	14.86	168	855962	19.918	ng/ul	99
54) 2,4-Dinitrotoluene	14.85	165	216448	20.146	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.10	232	200388	20.961	ng/ul	95
56) Diethylphthalate	15.28	149	717738	17.780	ng/ul	95
58) Fluorene	15.52	166	714895	20.030	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.50	204	390343	20.819	ng/ul	97
60) 4-Nitroaniline	15.55	138	131491m	18.464	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.62	198	78857	10.312	ng/ul	90
64) N-Nitrosodiphenylamine	15.72	169	611042	18.496	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	256969	20.340	ng/ul	98
66) Hexachlorobenzene	16.52	284	284598	19.884	ng/ul	93
67) Atrazine	16.67	200	256169	18.545	ng/ul	93
68) Pentachlorophenol	16.87	266	128722	16.125	ng/ul	98
69) Phenanthrene	17.26	178	1169108	19.472	ng/ul	99
71) Anthracene	17.35	178	1207027	19.419	ng/ul	99
72) Carbazole	17.62	167	1003897	19.083	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1273794	17.441	ng/ul#	98
74) Fluoranthene	19.27	202	1413347	19.506	ng/ul#	96
77) Pyrene	19.64	202	1410769	22.350	ng/ul#	96
78) Butylbenzylphthalate	20.52	149	580758	20.669	ng/ul	86
79) 3,3'-Dichlorobenzidine	21.31	252	414739	21.803	ng/ul	96
80) Benzo(a)anthracene	21.38	228	1214645	19.531	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	850848	20.180	ng/ul	99
82) Chrysene	21.43	228	1123860	19.248	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1405655	23.113	ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	1086345	20.012	ng/ul#	99
86) Benzo(k)fluoranthene	23.06	252	977850	18.692	ng/ul#	98
88) Benzo(a)pyrene	23.61	252	988723	19.324	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.08	276	1212296	22.312	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	1020027	22.332	ng/ul#	96
91) Benzo(g,h,i)perylene	26.81	276	1008036	22.652	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

