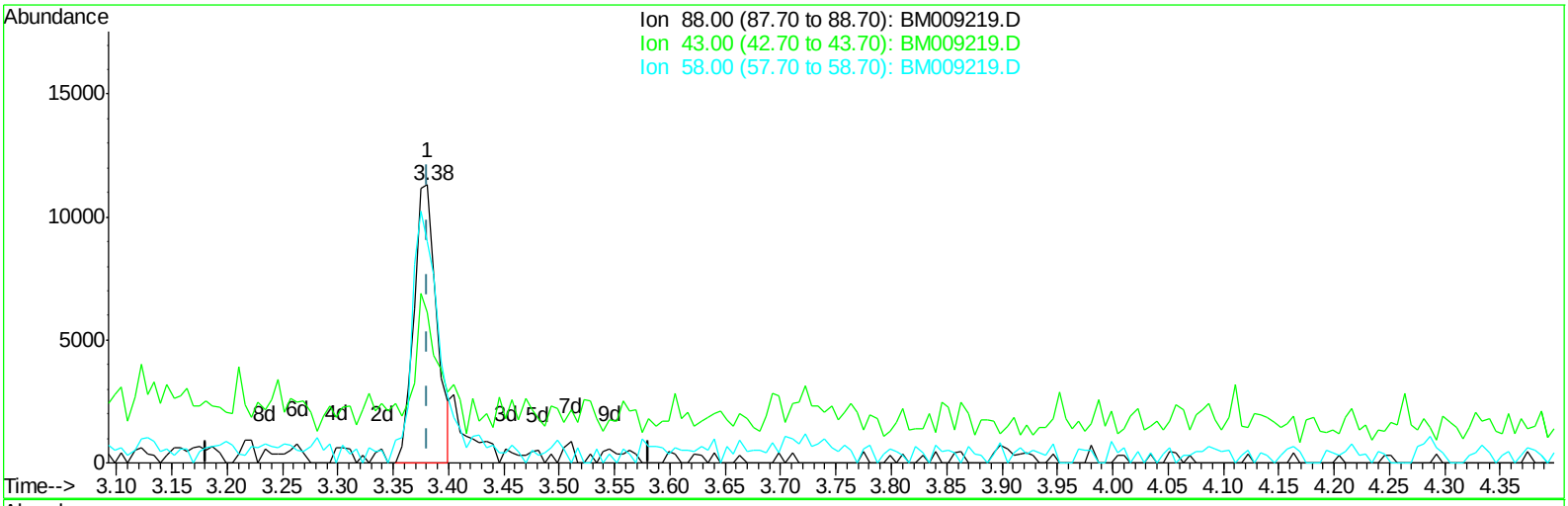
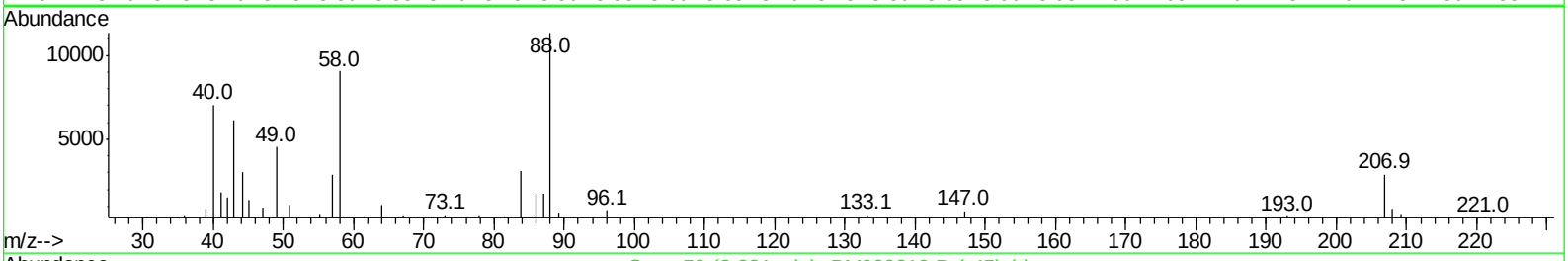
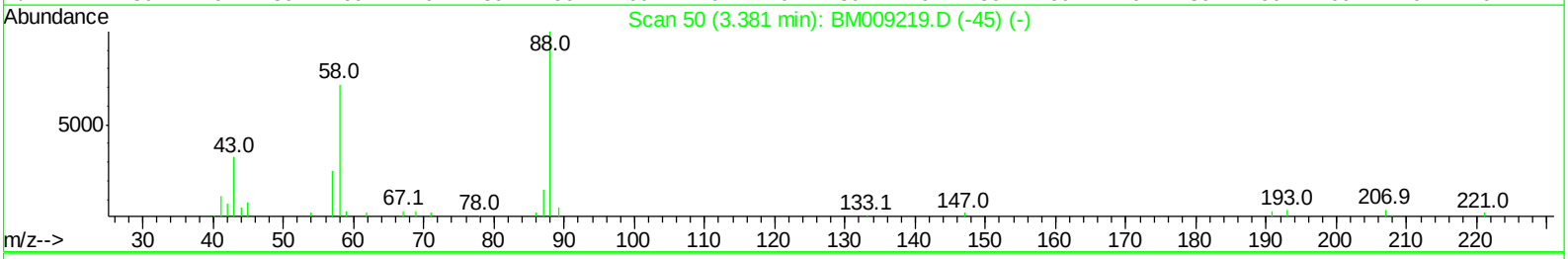
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009219.D
Acq On : 13 Mar 2017 15:59
Operator : SJ/MA
Sample : SSTD02062
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:21:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:21:22 2017
Response via : Initial Calibration







TIC: BM009219.D

(2) 1,4-Dioxane

3.381min (+0.000) 6.50ng/uL

response 16290

Ion	Exp%	Act%
88.00	100	100
43.00	26.30	40.80#
58.00	59.80	108.26#
0.00	0.00	0.00

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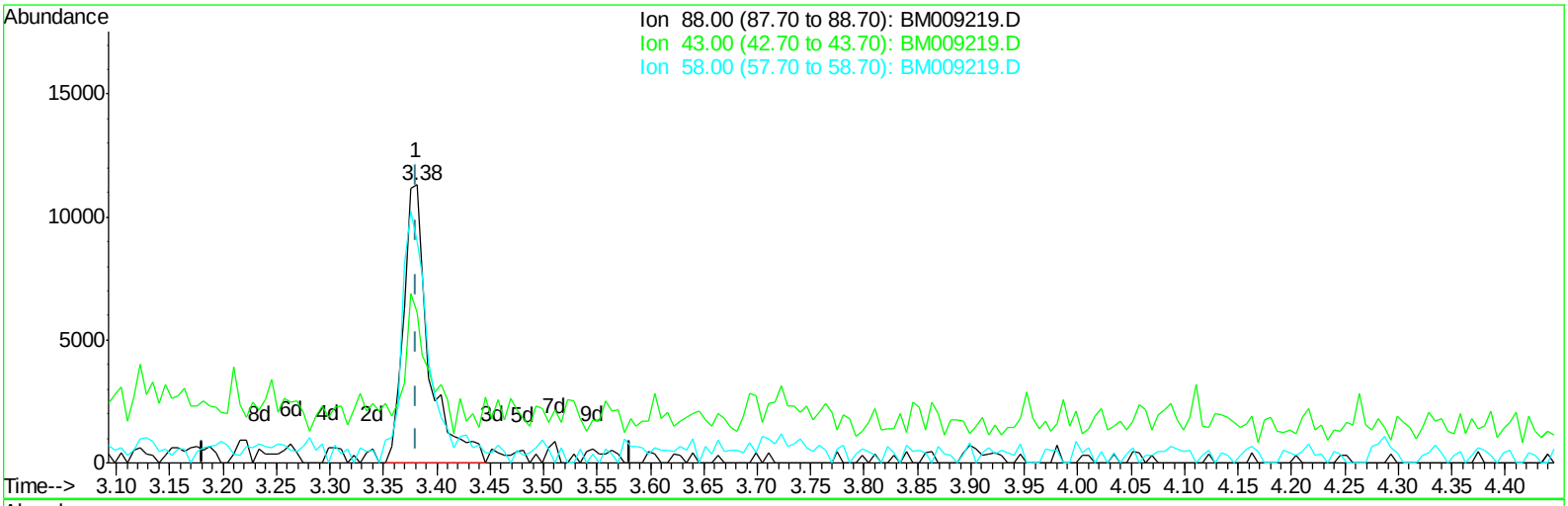

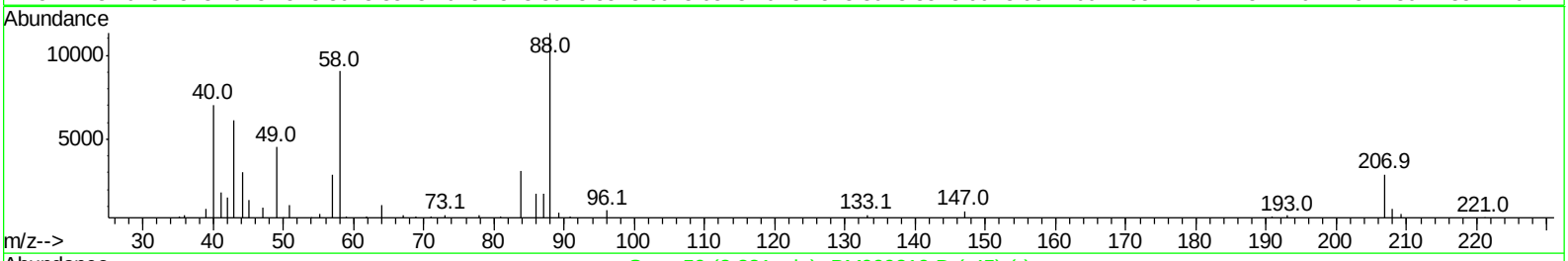

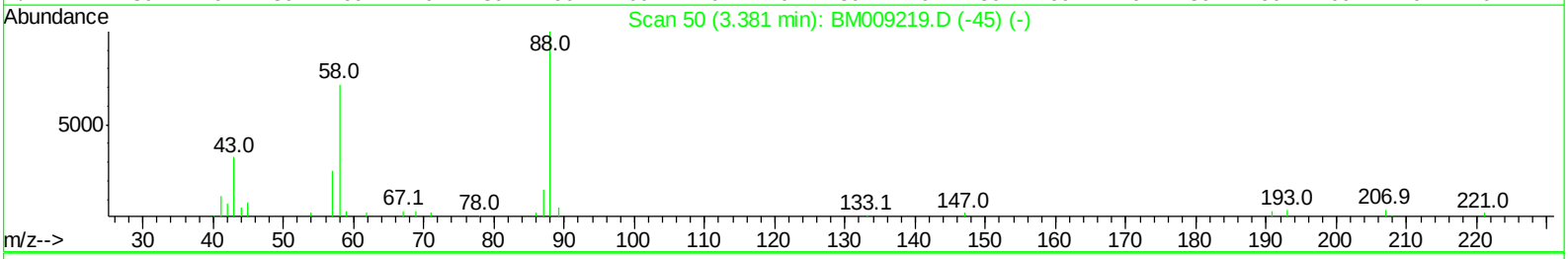

TIC: BM009219.D

(2) 1,4-Dioxane

3.381min (+0.000) 7.71ng/uL m

response 19324

Ion	Exp%	Act%
88.00	100	100
43.00	26.30	34.39#
58.00	59.80	91.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM009219.D
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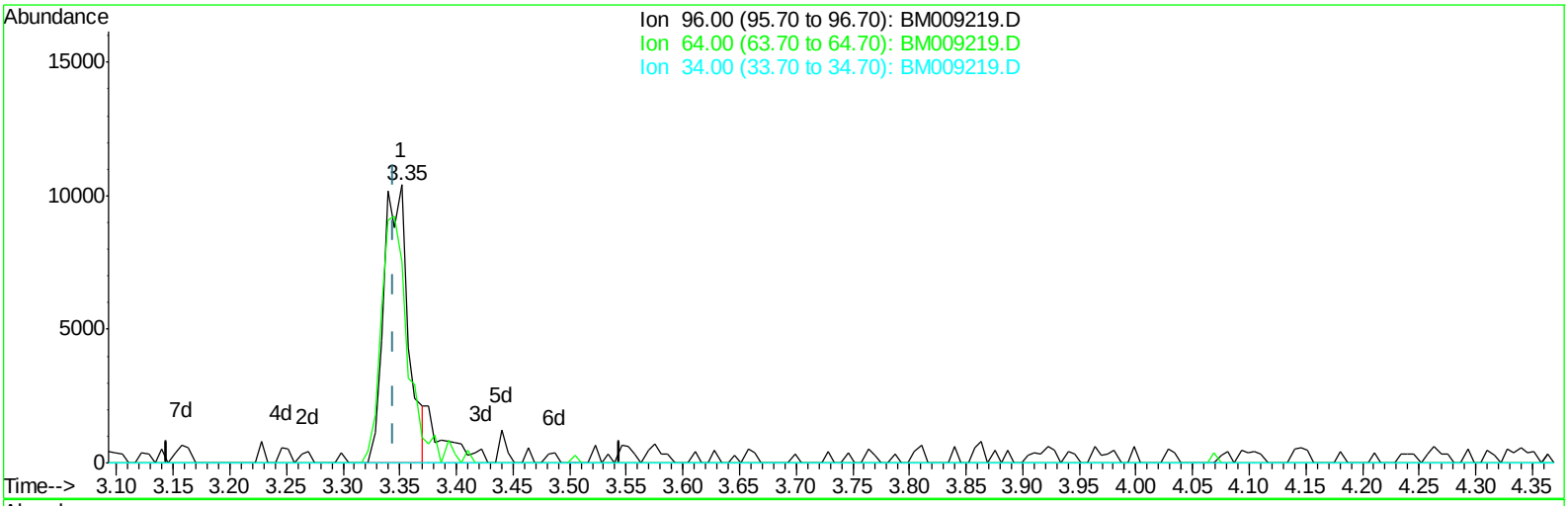
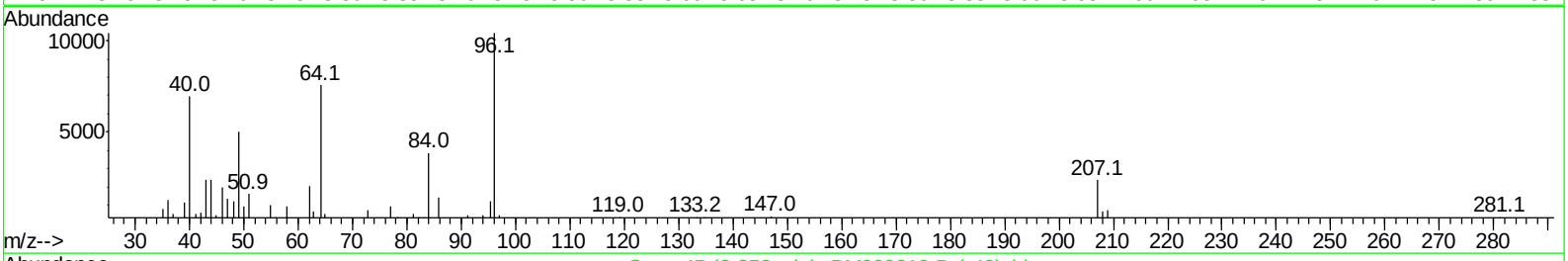
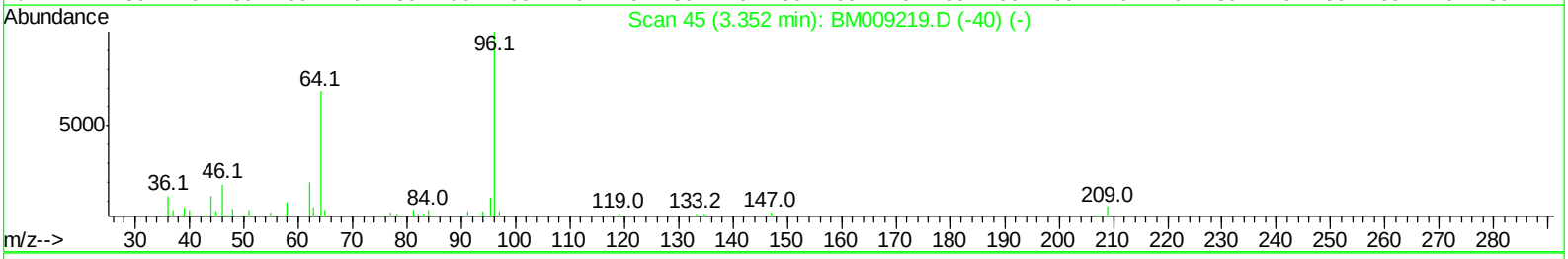
Sample : SSTD02062
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:21:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:21:22 2017
Response via : Initial Calibration







TIC: BM009219.D

(3) 1,4-Dioxane-d8 (S)

3.352min (+0.007) 7.54ng/uL

response 15548

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	94.57#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:21:07 2017
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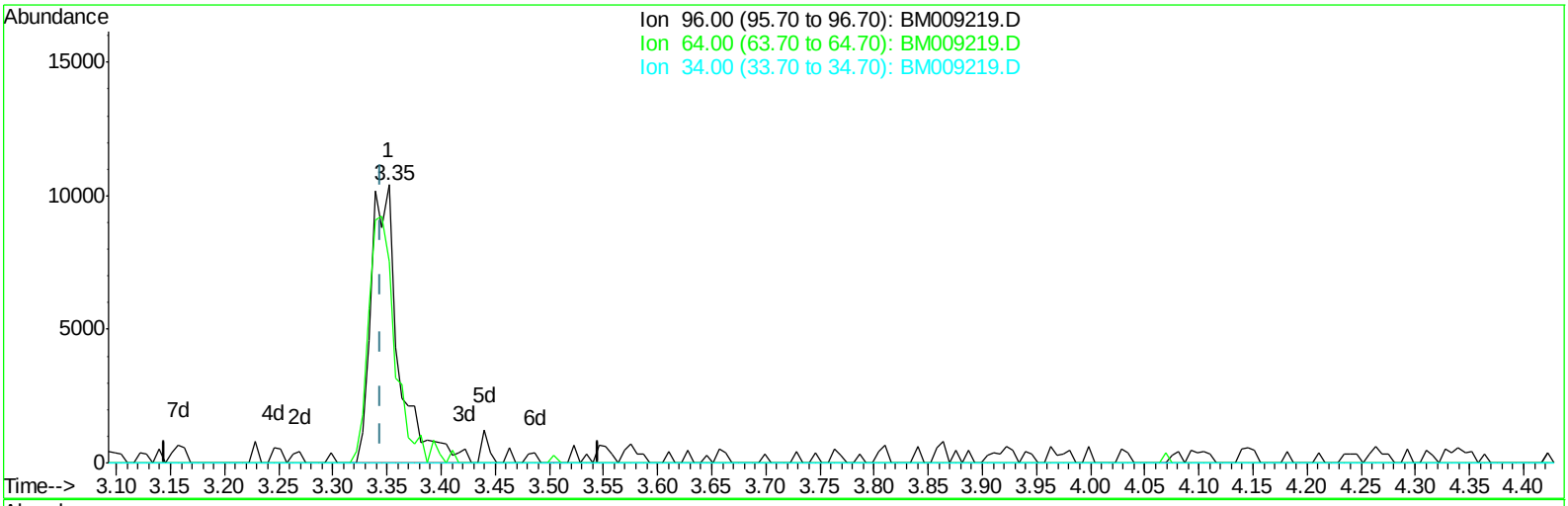
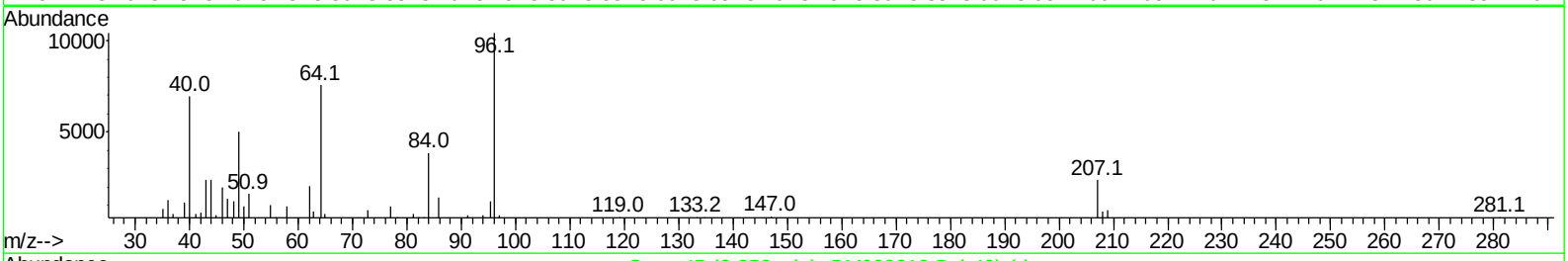
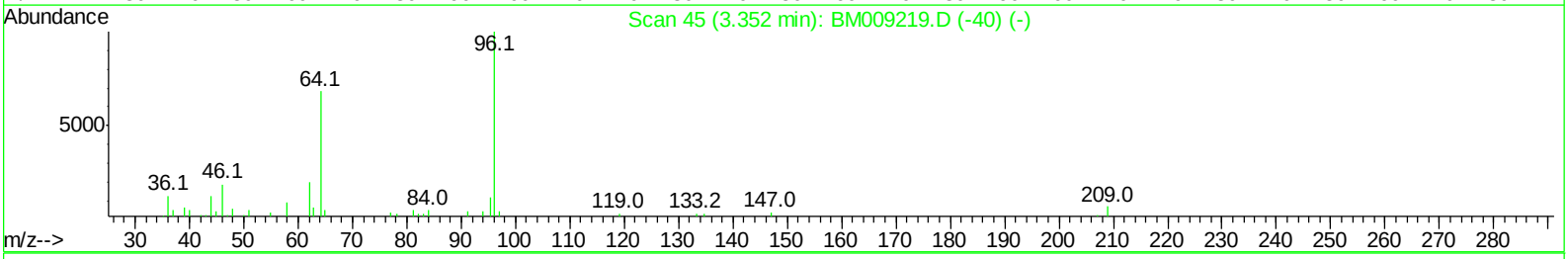
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:21:22 2017
Response via : Initial Calibration







TIC: BM009219.D

(3) 1,4-Dioxane-d8 (S)

3.352min (+0.007) 8.78ng/uL m

response 18110

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	81.19
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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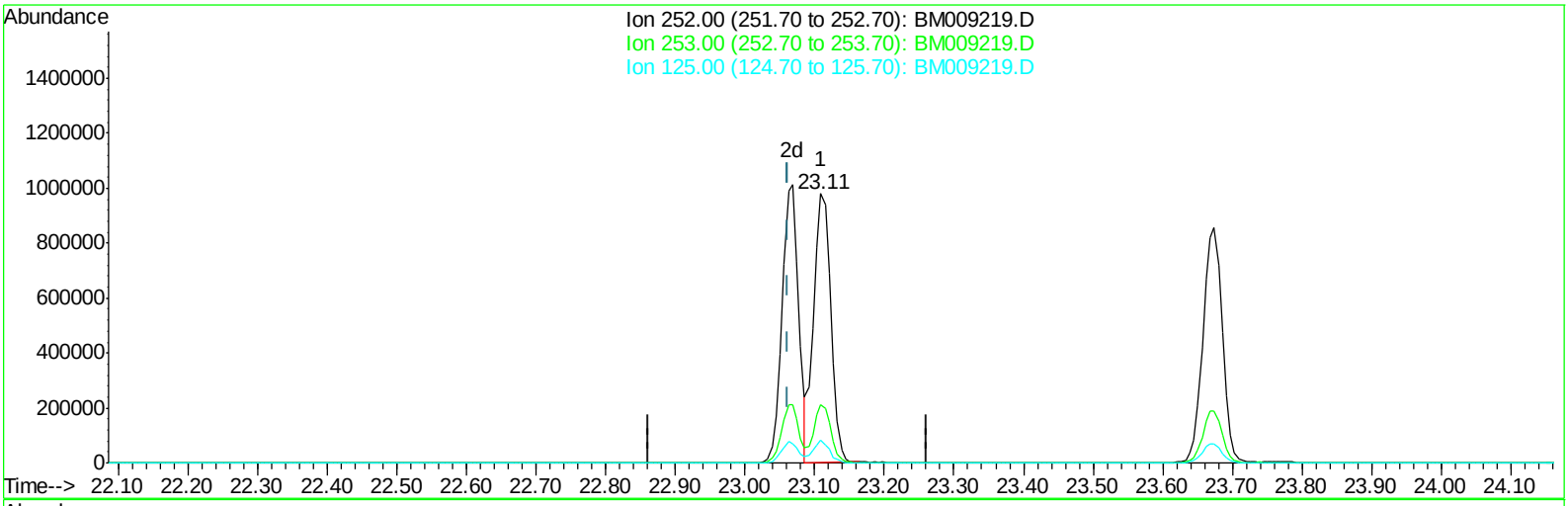
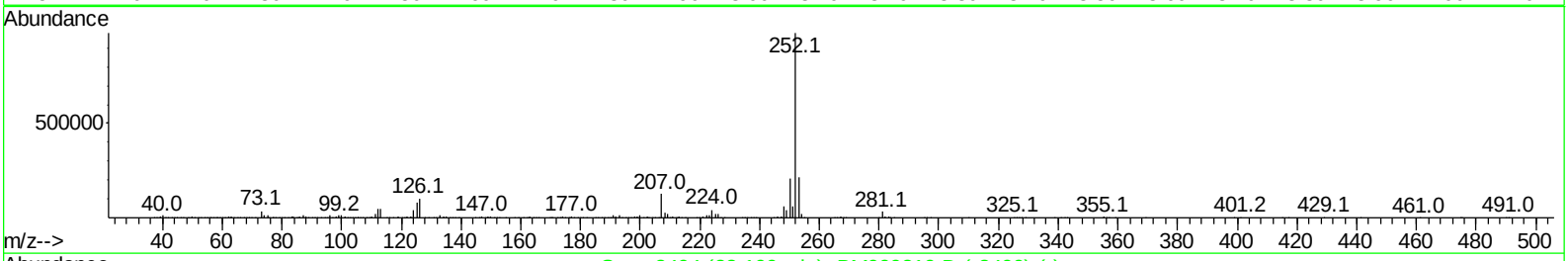
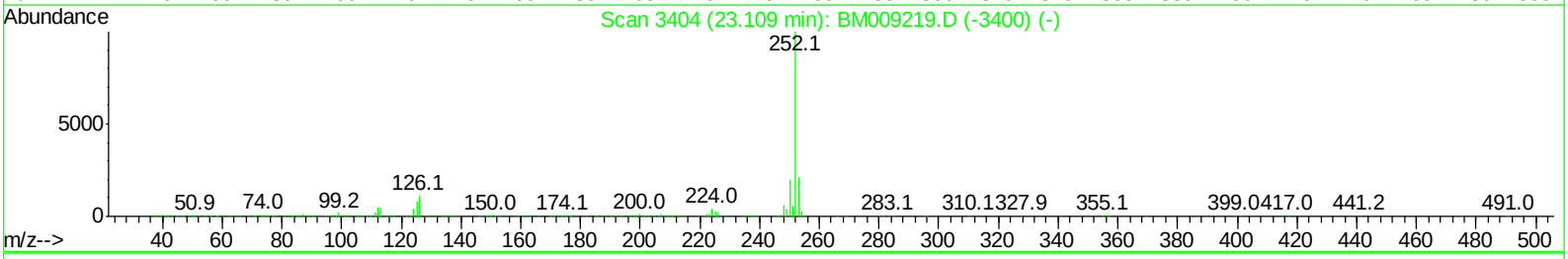
Data File : BM009219.D
Acq On : 13 Mar 2017 15:59
Operator : SJ/MA
Sample : SSTD02062
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:21:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:21:22 2017
Response via : Initial Calibration







TIC: BM009219.D

(87) Benzo(b)fluoranthene

23.109min (+0.047) 22.00ng/ul

response 1664686

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	21.80
125.00	10.60	8.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD02062
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:21:07 2017
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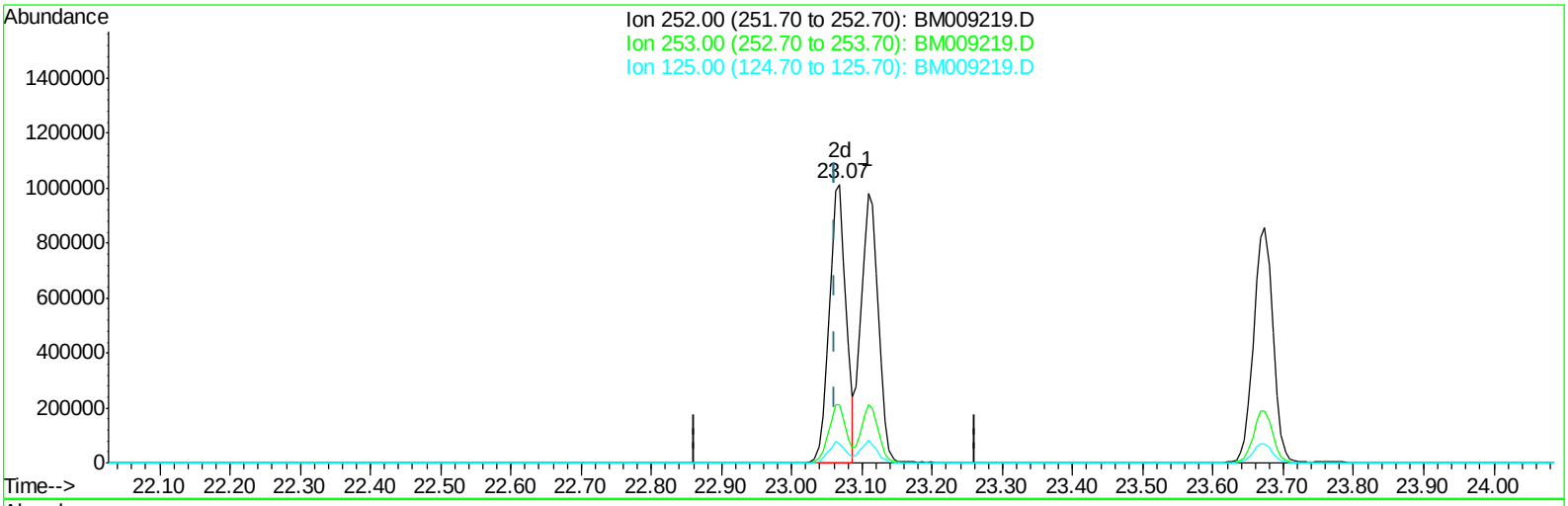
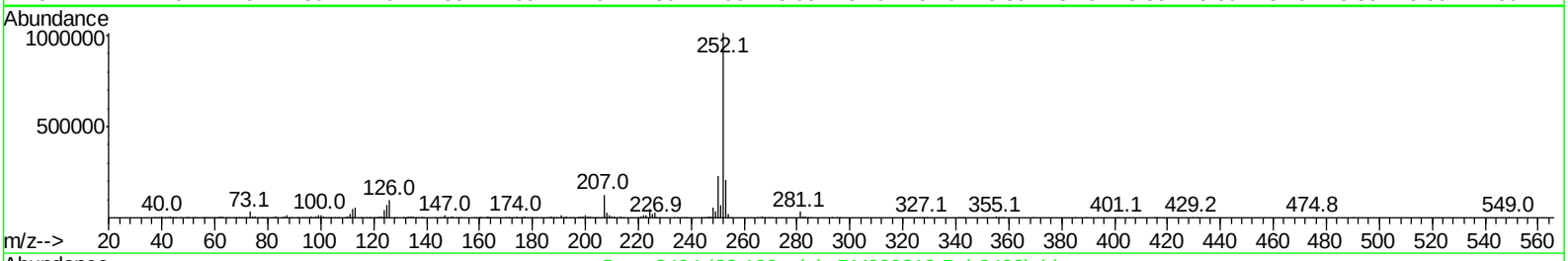
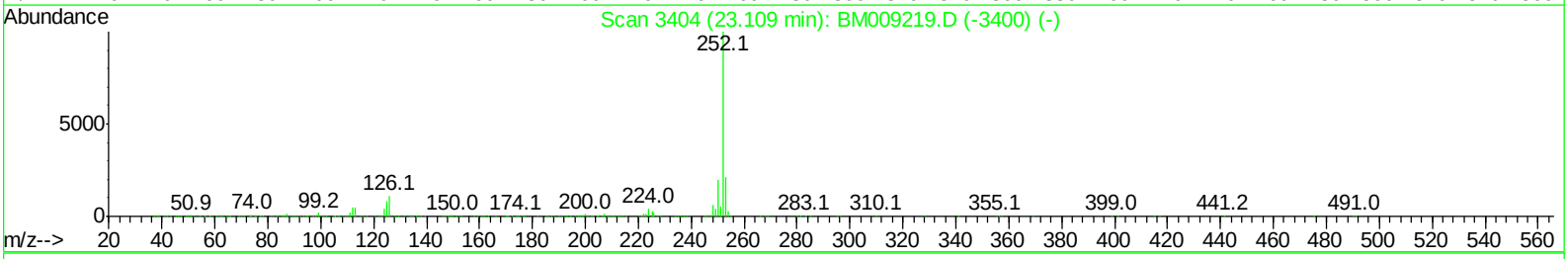
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:21:22 2017
Response via : Initial Calibration







TIC: BM009219.D

(87) Benzo(b)fluoranthene

23.068min (+0.006) 22.24ng/ul m

response 1682421

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	20.87
125.00	10.60	6.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009219.D
Acq On : 13 Mar 2017 15:59
Operator : SJ/MA
Sample : SSTD02062
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:25:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:21:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	97059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	463696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	344422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	919658	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1384686	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1416172	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	18110m	8.78	ng/uL	0.00
5) Phenol-d5	7.03	99	195947	26.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	135451	31.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	126995	22.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	155338	26.76	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	70020	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	73660	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	163302	23.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	203098	26.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	591093	26.12	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	677726	25.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	114555	33.65	ng/ul	0.00
57) Fluorene-d10	15.51	176	520482	26.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	94555	17.60	ng/ul	0.00
70) Anthracene-d10	17.36	188	894738	22.26	ng/ul	0.00
78) Pyrene-d10	19.66	212	1113230	20.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1309623	22.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	19324m	7.71	ng/uL	
4) Benzaldehyde	7.03	77	156729	31.47	ng/ul#	81
6) Phenol	7.06	94	215763	27.92	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.30	93	155542	26.52	ng/ul#	77
10) 2-Chlorophenol	7.44	128	131916	23.12	ng/ul#	72
11) 2-Methylphenol	8.32	108	156295	27.56	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.41	45	261036	39.42	ng/ul#	88
14) Acetophenone	8.70	105	274762	29.18	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.68	70	169332	35.06	ng/ul#	80
16) 4-Methylphenol	8.64	108	177346	28.93	ng/ul	92
17) Hexachloroethane	8.96	117	56836	21.80	ng/ul	97
20) Nitrobenzene	9.09	77	229378	26.21	ng/ul#	82
21) Isophorone	9.60	82	449737	28.97	ng/ul#	91
23) 2-Nitrophenol	9.79	139	80066	20.78	ng/ul#	56
24) 2,4-Dimethylphenol	9.85	107	209978	24.55	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.09	93	245554	27.25	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	160995	23.42	ng/ul	96
28) Naphthalene	10.73	128	479804	21.78	ng/ul	97
30) 4-Chloroaniline	10.84	127	211518	26.87	ng/ul	98
31) Hexachlorobutadiene	11.00	225	110961	19.90	ng/ul	92
32) Caprolactam	11.62	113	63119	29.88	ng/ul#	22
33) 4-Chloro-3-methylphenol	11.96	107	206829	27.91	ng/ul	93
34) 2-Methylnaphthalene	12.34	142	390121	24.65	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	234310	21.71 ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	124463	29.96 ng/ul	97
38) 2,4,6-Trichlorophenol	12.95	196	148199	23.75 ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	175946	26.53 ng/ul	92
40) 1,1'-Biphenyl	13.35	154	547996	24.00 ng/ul#	95
41) 2-Chloronaphthalene	13.39	162	427384	24.26 ng/ul	93
42) 2-Nitroaniline	13.60	65	173937	32.98 ng/ul#	64
44) Dimethylphthalate	13.97	163	596722	26.93 ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	113015	25.99 ng/ul#	75
47) Acenaphthylene	14.25	152	688789	25.08 ng/ul	99
48) 3-Nitroaniline	14.43	138	122414	28.70 ng/ul#	73
49) Acenaphthene	14.59	153	474671	25.13 ng/ul	96
50) 2,4-Dinitrophenol	14.63	184	62984	25.43 ng/ul#	84
52) 4-Nitrophenol	14.72	109	135548	39.93 ng/ul#	69
53) Dibenzofuran	14.92	168	707715	25.92 ng/ul	97
54) 2,4-Dinitrotoluene	14.89	165	173265	26.94 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.14	232	163356	26.32 ng/ul#	91
56) Diethylphthalate	15.33	149	616508	27.77 ng/ul	97
58) Fluorene	15.57	166	607607	27.20 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	310302	25.93 ng/ul#	86
60) 4-Nitroaniline	15.59	138	142009	36.51 ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.64	198	108541	19.60 ng/ul#	82
64) N-Nitrosodiphenylamine	15.77	169	533172	21.10 ng/ul	97
65) 4-Bromophenyl-phenylether	16.46	248	202108	19.71 ng/ul#	86
66) Hexachlorobenzene	16.56	284	227957	19.91 ng/ul	91
67) Atrazine	16.72	200	214421	20.90 ng/ul	94
68) Pentachlorophenol	16.91	266	138699	22.13 ng/ul	98
69) Phenanthrene	17.31	178	1058060	22.31 ng/ul	98
71) Anthracene	17.40	178	1067827	22.29 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	223926	16.27 ng/uL	98
73) Pentachlorobenzene	14.83	250	240234	17.27 ng/uL	97
74) Carbazole	17.67	167	972670	23.19 ng/ul	99
75) Di-n-butylphthalate	18.22	149	1137035	23.62 ng/ul#	98
76) Fluoranthene	19.32	202	1348481	23.45 ng/ul	96
79) Pyrene	19.69	202	1445454	20.98 ng/ul	96
80) Butylbenzylphthalate	20.57	149	574682	22.58 ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.36	252	563769	23.83 ng/ul#	97
82) Benzo(a)anthracene	21.42	228	1596014	22.19 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	871120	23.34 ng/ul#	98
84) Chrysene	21.47	228	1503620	21.75 ng/ul	98
86) Di-n-octyl phthalate	22.24	149	1547931	22.38 ng/ul#	87
87) Benzo(b)fluoranthene	23.07	252	1682421m	22.24 ng/ul	
88) Benzo(k)fluoranthene	23.11	252	1664686	22.67 ng/ul	98
90) Benzo(a)pyrene	23.67	252	1664877	22.72 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.15	276	2002841	22.29 ng/ul#	91
92) Dibenzo(a,h)anthracene	26.17	278	1687274	22.32 ng/ul#	93
93) Benzo(g,h,i)perylene	26.89	276	1643080	21.95 ng/ul#	92

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

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