Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027973.D
Acq On : 19 Jul 2017 22:14
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 04:57:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 20 02:43:07 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02063

Manual Integrations APPROVED
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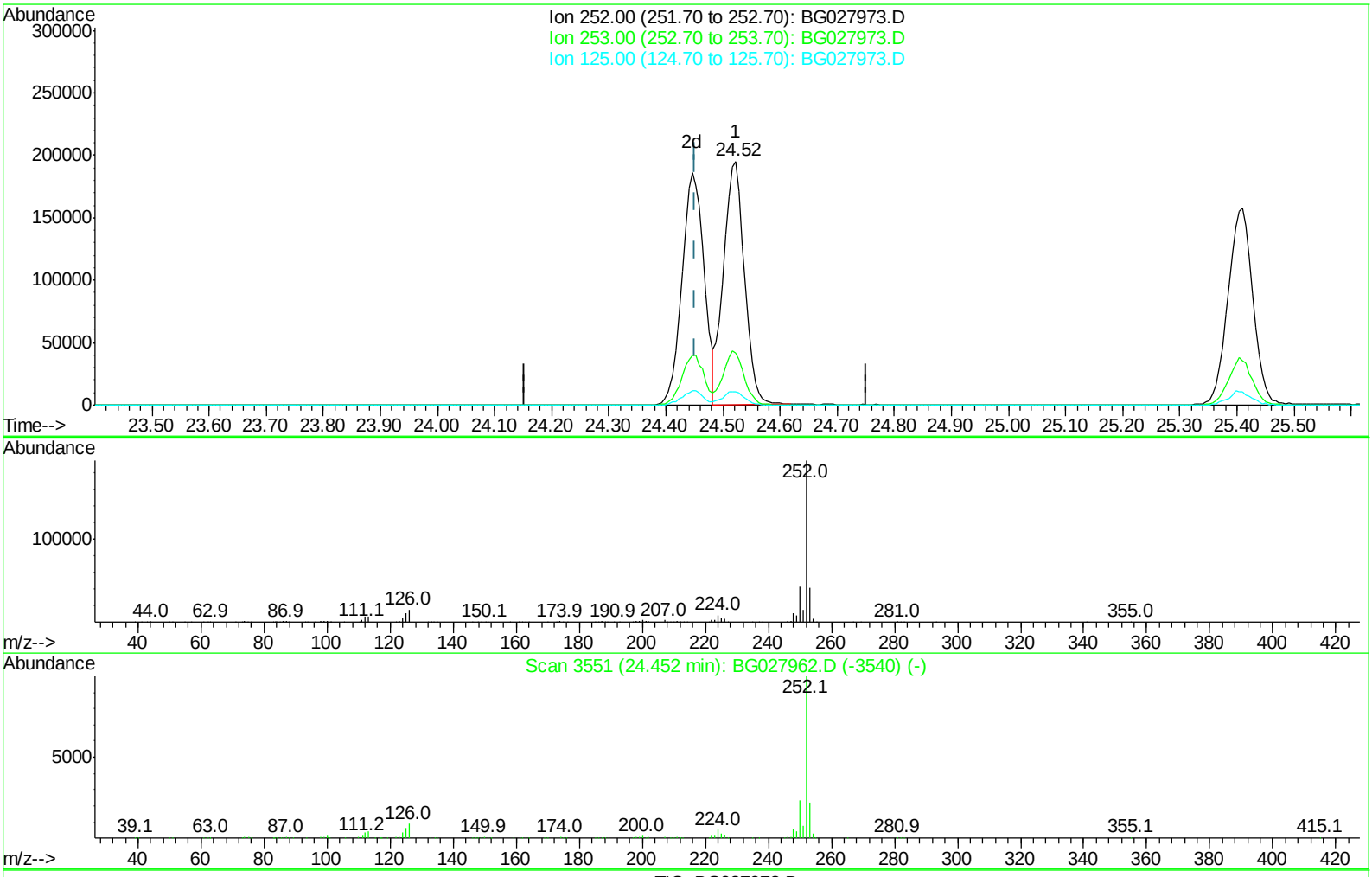

TIC: BG027973.D

(85) Benzo(b)fluoranthene

24.522min (+0.070) 20.18ng/ul

response 501256

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.41
125.00	5.00	5.49
0.00	0.00	0.00

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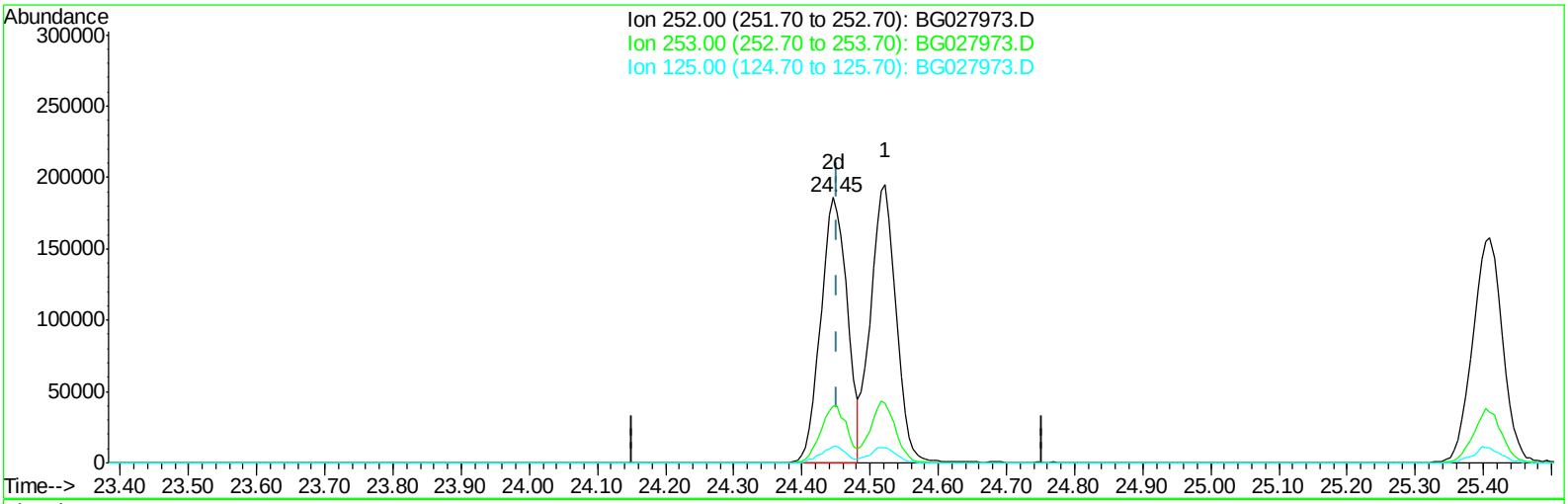

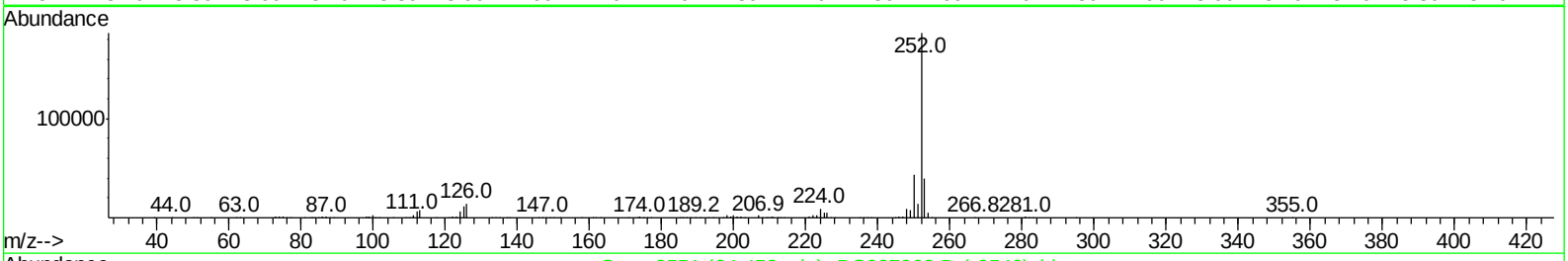

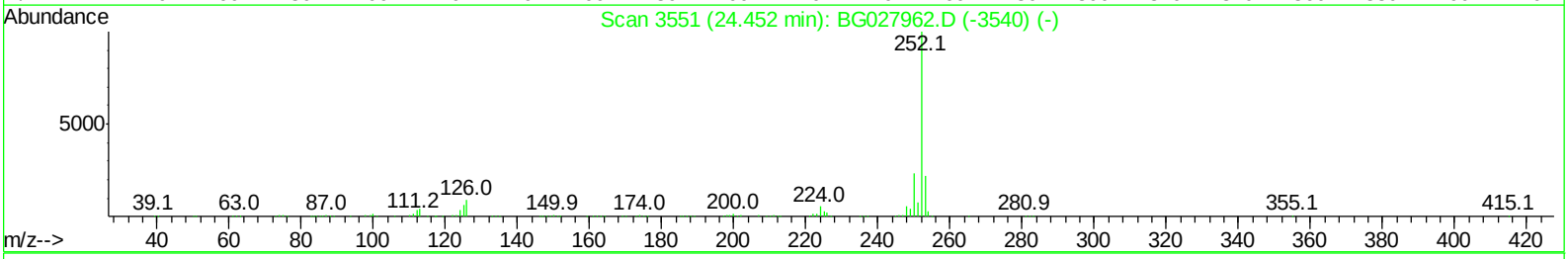

TIC: BG027973.D

(85) Benzo(b)fluoranthene

24.446min (-0.006) 20.20ng/ul m

response 501606

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.40
125.00	5.00	6.11#
0.00	0.00	0.00

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Quant Time: Jul 20 05:52:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 20 02:43:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	48121	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.19	136	191926	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.97	164	128930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	340864	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	467386	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	435214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.87	96	7467	8.55	ng/uL	0.00
5) Phenol-d5	7.51	99	75272	19.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.68	67	44470	19.50	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.91	132	60160	19.36	ng/ul	-0.01
13) 4-Methylphenol-d8	9.06	113	61207	18.70	ng/ul	-0.01
19) Nitrobenzene-d5	9.54	128	28956	20.50	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.26	143	34056	20.05	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.80	165	65957	19.84	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.32	131	69951	23.28	ng/ul	-0.01
43) Dimethylphthalate-d6	14.36	166	229202	20.51	ng/ul	-0.01
46) Acenaphthylene-d8	14.67	160	260155	20.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.16	143	34943	21.59	ng/ul	0.00
57) Fluorene-d10	15.96	176	214366	20.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43486	18.37	ng/ul	0.00
70) Anthracene-d10	17.82	188	340970	20.74	ng/ul	0.00
76) Pyrene-d10	20.09	212	418925	19.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	415001	20.42	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	8409	7.941	ng/uL#	92
4) Benzaldehyde	7.51	77	48190	19.650	ng/ul	86
6) Phenol	7.54	94	70413	18.349	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.78	93	52459	18.967	ng/ul	88
10) 2-Chlorophenol	7.94	128	56830	19.676	ng/ul#	80
11) 2-Methylphenol	8.80	108	51414	18.245	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.89	45	100701	19.307	ng/ul	98
14) Acetophenone	9.19	105	89884	19.478	ng/ul	86
15) N-Nitroso-di-n-propylamine	9.16	70	44585	18.843	ng/ul#	95
16) 4-Methylphenol	9.13	108	56195	18.198	ng/ul	96
17) Hexachloroethane	9.46	117	23610	20.298	ng/ul	88
20) Nitrobenzene	9.58	77	68098	20.858	ng/ul#	88
21) Isophorone	10.10	82	121813	20.485	ng/ul#	92
23) 2-Nitrophenol	10.29	139	34089	20.847	ng/ul#	77
24) 2,4-Dimethylphenol	10.34	107	70861	20.710	ng/ul#	93
25) Bis(2-Chloroethoxy)methane	10.57	93	69993	19.620	ng/ul#	91
27) 2,4-Dichlorophenol	10.83	162	64786	20.129	ng/ul#	92
28) Naphthalene	11.24	128	184288	20.262	ng/ul	97
30) 4-Chloroaniline	11.34	127	66793	24.016	ng/ul#	86
31) Hexachlorobutadiene	11.51	225	54616	21.217	ng/ul	97
32) Caprolactam	12.10	113	19758	20.631	ng/ul	87
33) 4-Chloro-3-methylphenol	12.44	107	63204	20.598	ng/ul	90
34) 2-Methylnaphthalene	12.82	142	148638	20.211	ng/ul	94

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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	13.18	216	101424	20.915	ng/ul#	87
37) Hexachlorocyclopentadiene	13.16	237	50918	17.746	ng/ul	96
38) 2,4,6-Trichlorophenol	13.41	196	59434	20.317	ng/ul	91
39) 2,4,5-Trichlorophenol	13.49	196	63398	20.168	ng/ul	98
40) 1,1'-Biphenyl	13.81	154	201600	20.461	ng/ul	97
41) 2-Chloronaphthalene	13.86	162	159103	20.427	ng/ul	96
42) 2-Nitroaniline	14.06	65	45915	20.627	ng/ul#	83
44) Dimethylphthalate	14.41	163	209866	20.620	ng/ul	98
45) 2,6-Dinitrotoluene	14.54	165	42470	20.628	ng/ul#	85
47) Acenaphthylene	14.70	152	257651	20.643	ng/ul	98
48) 3-Nitroaniline	14.87	138	38130	21.307	ng/ul#	88
49) Acenaphthene	15.04	153	171925	20.359	ng/ul	94
50) 2,4-Dinitrophenol	15.08	184	21837	18.414	ng/ul#	70
52) 4-Nitrophenol	15.17	109	28401	21.778	ng/ul#	85
53) Dibenzofuran	15.37	168	257772	20.645	ng/ul	92
54) 2,4-Dinitrotoluene	15.32	165	62630	20.869	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.59	232	64137	21.412	ng/ul	93
56) Diethylphthalate	15.77	149	215391	20.294	ng/ul	98
58) Fluorene	16.02	166	222146	20.695	ng/ul	95
59) 4-Chlorophenyl-phenylether	16.00	204	123474	20.745	ng/ul#	81
60) 4-Nitroaniline	16.04	138	46254	21.780	ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	16.09	198	43135	19.055	ng/ul	93
64) N-Nitrosodiphenylamine	16.21	169	186261	20.273	ng/ul	95
65) 4-Bromophenyl-phenylether	16.90	248	83136	20.013	ng/ul	94
66) Hexachlorobenzene	17.03	284	86961	19.912	ng/ul	95
67) Atrazine	17.15	200	82496	20.408	ng/ul	99
68) Pentachlorophenol	17.37	266	42680	17.989	ng/ul	92
69) Phenanthrene	17.77	178	358640	20.529	ng/ul	98
71) Anthracene	17.86	178	375327	20.960	ng/ul	99
72) Carbazole	18.12	167	318028	21.540	ng/ul	98
73) Di-n-butylphthalate	18.65	149	354588	21.903	ng/ul#	96
74) Fluoranthene	19.76	202	483179	22.594	ng/ul#	96
77) Pyrene	20.12	202	503981	20.352	ng/ul	97
78) Butylbenzylphthalate	20.99	149	165349	20.828	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.94	252	160096	21.069	ng/ul#	95
80) Benzo(a)anthracene	22.04	228	524306	20.737	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.90	149	236690	20.923	ng/ul	95
82) Chrysene	22.11	228	468914	20.377	ng/ul	98
84) Di-n-octyl phthalate	23.21	149	401270	19.880	ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	501606m	20.197	ng/ul	
86) Benzo(k)fluoranthene	24.52	252	501256	20.576	ng/ul	97
88) Benzo(a)pyrene	25.41	252	485179	20.218	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.59	276	558125	20.509	ng/ul	99
90) Dibenzo(a,h)anthracene	29.67	278	464676	20.341	ng/ul#	96
91) Benzo(g,h,i)perylene	30.87	276	460232	20.499	ng/ul#	94

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

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