Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027962.D
Acq On : 19 Jul 2017 13:08
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 01:19:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 20 01:15:33 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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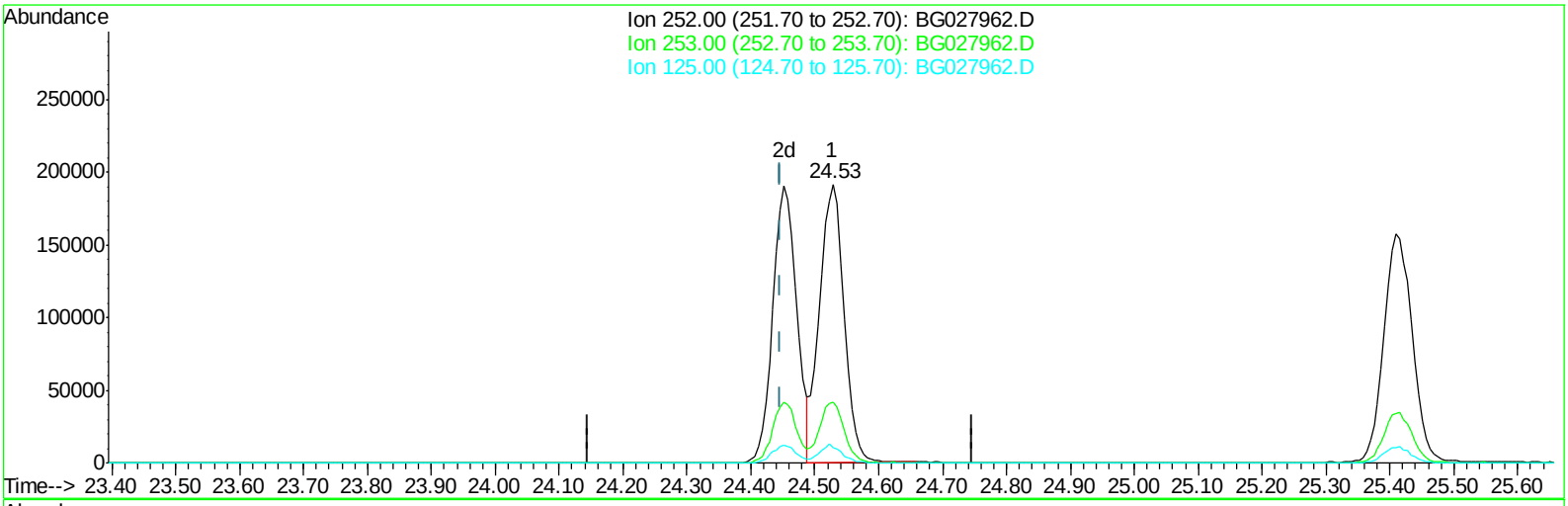

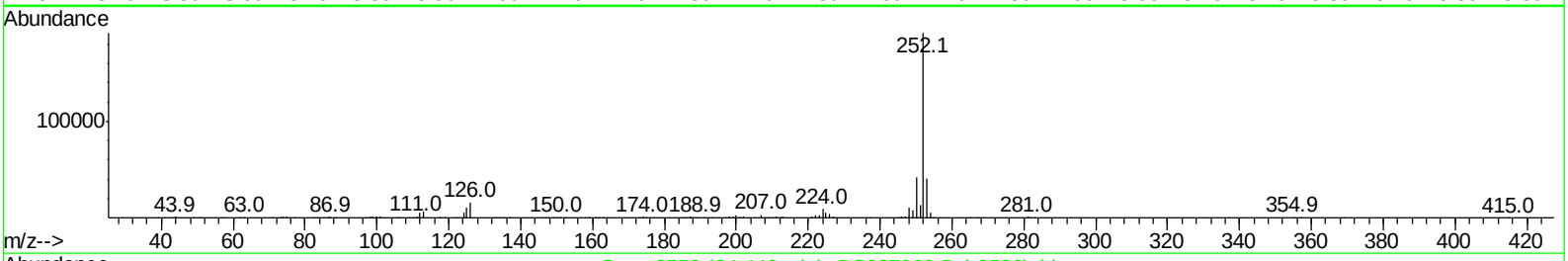

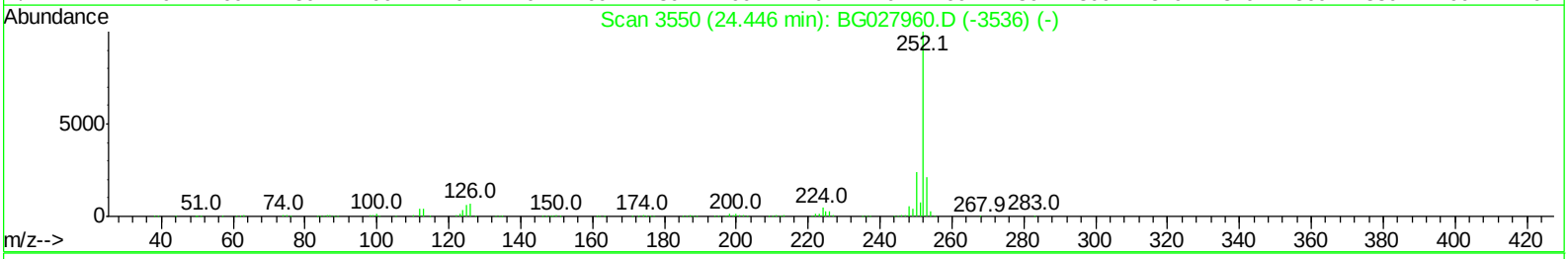

TIC: BG027962.D

(85) Benzo(b)fluoranthene

24.529min (+0.082) 20.44ng/ul

response 505452

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.64
125.00	5.00	5.50
0.00	0.00	0.00

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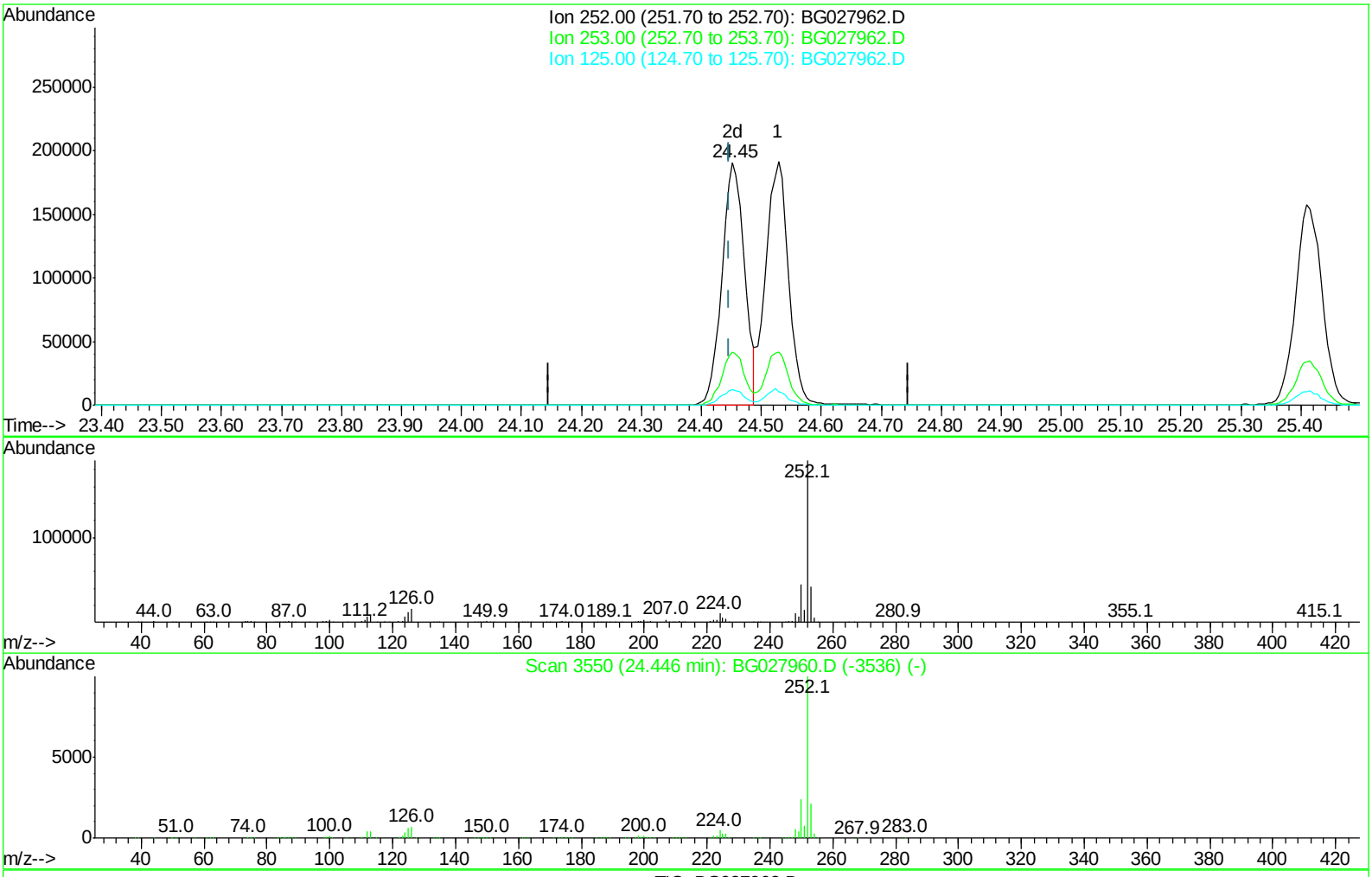

TIC: BG027962.D

(85) Benzo(b)fluoranthene

24.452min (+0.006) 20.18ng/ul m

response 499063

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.07
125.00	5.00	6.31#
0.00	0.00	0.00

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Quant Time: Jul 20 02:40:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 20 01:15:33 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	55334	20.00	ng/ul	0.02
18) Naphthalene-d8	11.20	136	225844	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.98	164	150019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	390577	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	474186	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	433326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.87	96	8411	8.38	ng/uL	0.00
5) Phenol-d5	7.53	99	86864	19.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.70	67	52852	20.16	ng/ul	0.02
9) 2-Chlorophenol-d4	7.92	132	71976	20.15	ng/ul	0.02
13) 4-Methylphenol-d8	9.08	113	73427	19.51	ng/ul	0.02
19) Nitrobenzene-d5	9.55	128	32326	19.45	ng/ul	0.01
22) 2-Nitrophenol-d4	10.27	143	39759	19.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.82	165	81572	20.85	ng/ul	0.01
29) 4-Chloroaniline-d4	11.33	131	80800	22.85	ng/ul	0.01
43) Dimethylphthalate-d6	14.38	166	269090	20.69	ng/ul	0.01
46) Acenaphthylene-d8	14.68	160	304348	20.59	ng/ul	0.01
51) 4-Nitrophenol-d4	15.16	143	36242	19.24	ng/ul	0.00
57) Fluorene-d10	15.97	176	253789	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	48739	17.97	ng/ul	0.00
70) Anthracene-d10	17.83	188	381595	20.26	ng/ul	0.00
76) Pyrene-d10	20.10	212	440658	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	416328	20.57	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	9397	7.718	ng/uL	85
4) Benzaldehyde	7.53	77	57163	20.270	ng/ul#	77
6) Phenol	7.55	94	86434	19.588	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.80	93	62244	19.571	ng/ul	89
10) 2-Chlorophenol	7.95	128	66054	19.889	ng/ul#	84
11) 2-Methylphenol	8.82	108	62341	19.239	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.91	45	119896	19.990	ng/ul#	95
14) Acetophenone	9.21	105	103225	19.453	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.18	70	53281	19.583	ng/ul	96
16) 4-Methylphenol	9.14	108	68543	19.303	ng/ul	99
17) Hexachloroethane	9.48	117	27251	20.375	ng/ul	90
20) Nitrobenzene	9.59	77	78916	20.542	ng/ul#	90
21) Isophorone	10.11	82	143829	20.555	ng/ul#	93
23) 2-Nitrophenol	10.31	139	38245	19.876	ng/ul#	72
24) 2,4-Dimethylphenol	10.35	107	80809	20.070	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.59	93	84922	20.230	ng/ul#	90
27) 2,4-Dichlorophenol	10.84	162	77010	20.334	ng/ul#	92
28) Naphthalene	11.26	128	216432	20.223	ng/ul	98
30) 4-Chloroaniline	11.36	127	76409	23.348	ng/ul	92
31) Hexachlorobutadiene	11.53	225	60975	20.129	ng/ul#	85
32) Caprolactam	12.10	113	23882	21.193	ng/ul	83
33) 4-Chloro-3-methylphenol	12.45	107	74470	20.625	ng/ul#	85
34) 2-Methylnaphthalene	12.83	142	173210	20.015	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	114212	20.242	ng/ul#	91
37) Hexachlorocyclopentadiene	13.17	237	60139	18.013	ng/ul	100
38) 2,4,6-Trichlorophenol	13.42	196	71817	21.099	ng/ul	94
39) 2,4,5-Trichlorophenol	13.50	196	77743	21.254	ng/ul	95
40) 1,1'-Biphenyl	13.82	154	236302	20.612	ng/ul	96
41) 2-Chloronaphthalene	13.87	162	185701	20.490	ng/ul	95
42) 2-Nitroaniline	14.06	65	52843	20.402	ng/ul#	85
44) Dimethylphthalate	14.42	163	246139	20.784	ng/ul#	97
45) 2,6-Dinitrotoluene	14.55	165	48479	20.237	ng/ul#	84
47) Acenaphthylene	14.71	152	295548	20.351	ng/ul	98
48) 3-Nitroaniline	14.88	138	44654	21.445	ng/ul	81
49) Acenaphthene	15.05	153	199162	20.269	ng/ul	95
50) 2,4-Dinitrophenol	15.09	184	24375	17.665	ng/ul#	75
52) 4-Nitrophenol	15.18	109	29931	19.724	ng/ul#	77
53) Dibenzofuran	15.37	168	294726	20.287	ng/ul	93
54) 2,4-Dinitrotoluene	15.33	165	74131	21.229	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.60	232	71483	20.509	ng/ul	94
56) Diethylphthalate	15.77	149	251355	20.354	ng/ul	97
58) Fluorene	16.03	166	254215	20.354	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.01	204	141694	20.459	ng/ul#	81
60) 4-Nitroaniline	16.04	138	49653	20.094	ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	16.10	198	47448	18.293	ng/ul#	88
64) N-Nitrosodiphenylamine	16.22	169	211332	20.074	ng/ul	96
65) 4-Bromophenyl-phenylether	16.91	248	93464	19.636	ng/ul	92
66) Hexachlorobenzene	17.03	284	100924	20.168	ng/ul	94
67) Atrazine	17.16	200	90176	19.468	ng/ul	97
68) Pentachlorophenol	17.37	266	48532	17.852	ng/ul	97
69) Phenanthrene	17.77	178	401547	20.059	ng/ul	99
71) Anthracene	17.87	178	419302	20.435	ng/ul	98
72) Carbazole	18.13	167	341572	20.190	ng/ul	99
73) Di-n-butylphthalate	18.66	149	381368	20.559	ng/ul#	96
74) Fluoranthene	19.76	202	499232	20.373	ng/ul	98
77) Pyrene	20.13	202	526467	20.955	ng/ul	98
78) Butylbenzylphthalate	21.00	149	167522	20.799	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.94	252	160381	20.803	ng/ul	95
80) Benzo(a)anthracene	22.04	228	524157	20.434	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.90	149	240705	20.973	ng/ul	97
82) Chrysene	22.11	228	471119	20.179	ng/ul	99
84) Di-n-octyl phthalate	23.21	149	408344	20.318	ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	499063m	20.182	ng/ul	
86) Benzo(k)fluoranthene	24.53	252	505452	20.839	ng/ul	97
88) Benzo(a)pyrene	25.41	252	490683	20.537	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.62	276	557651	20.580	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.69	278	478246	21.027	ng/ul	96
91) Benzo(g,h,i)perylene	30.88	276	465843	20.839	ng/ul	95

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

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