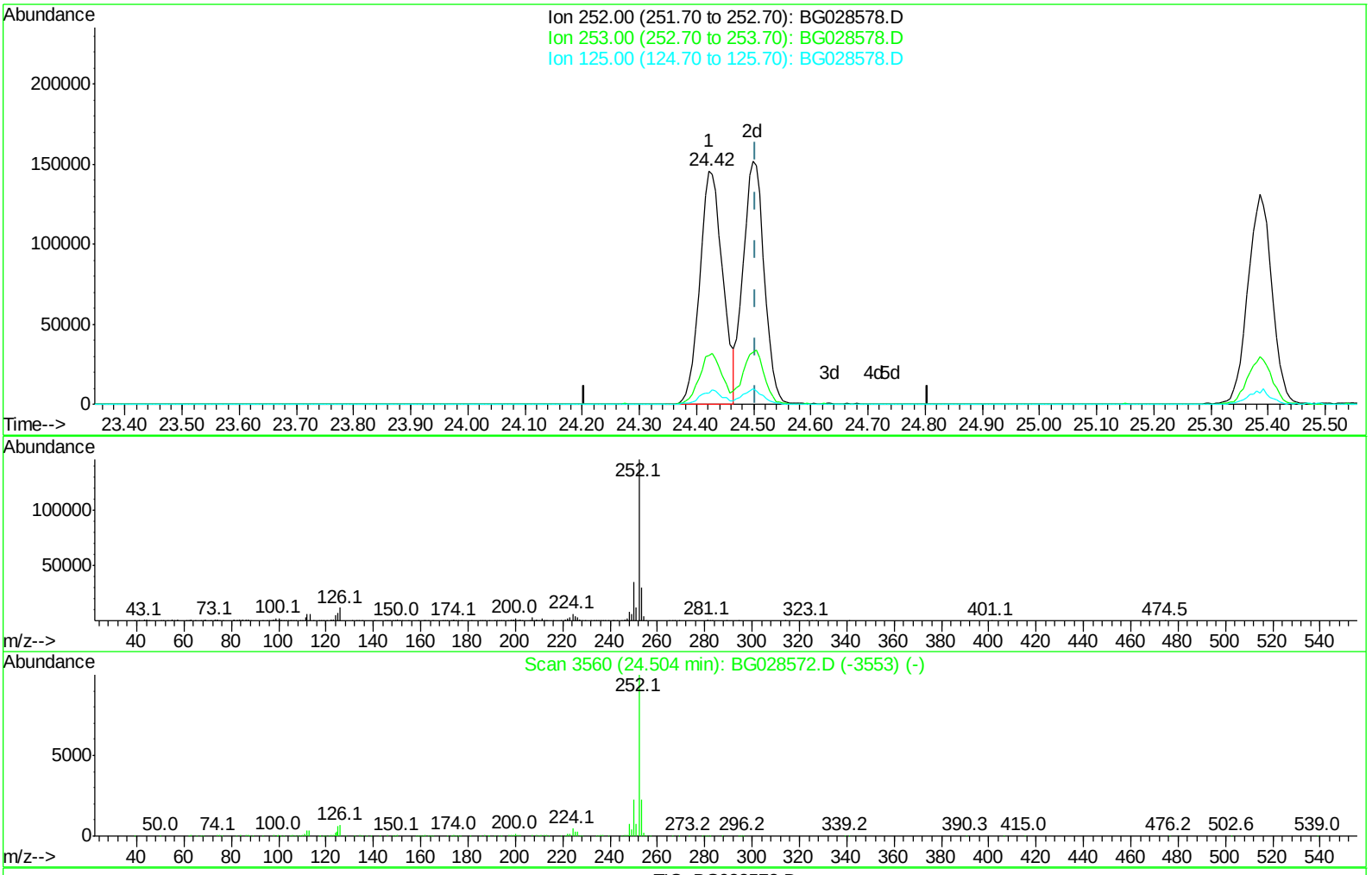
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090517\
Data File : BG028578.D
Acq On : 5 Sep 2017 17:02
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 04:03:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 04:00:37 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02099

Manual Integrations APPROVED
Sohil
9/6/2017 5:13:16 PM



TIC: BG028578.D

(86) Benzo(k)fluoranthene

24.422min (-0.082) 19.97ng/ul

response 402588

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	20.95
125.00	5.10	4.68
0.00	0.00	0.00

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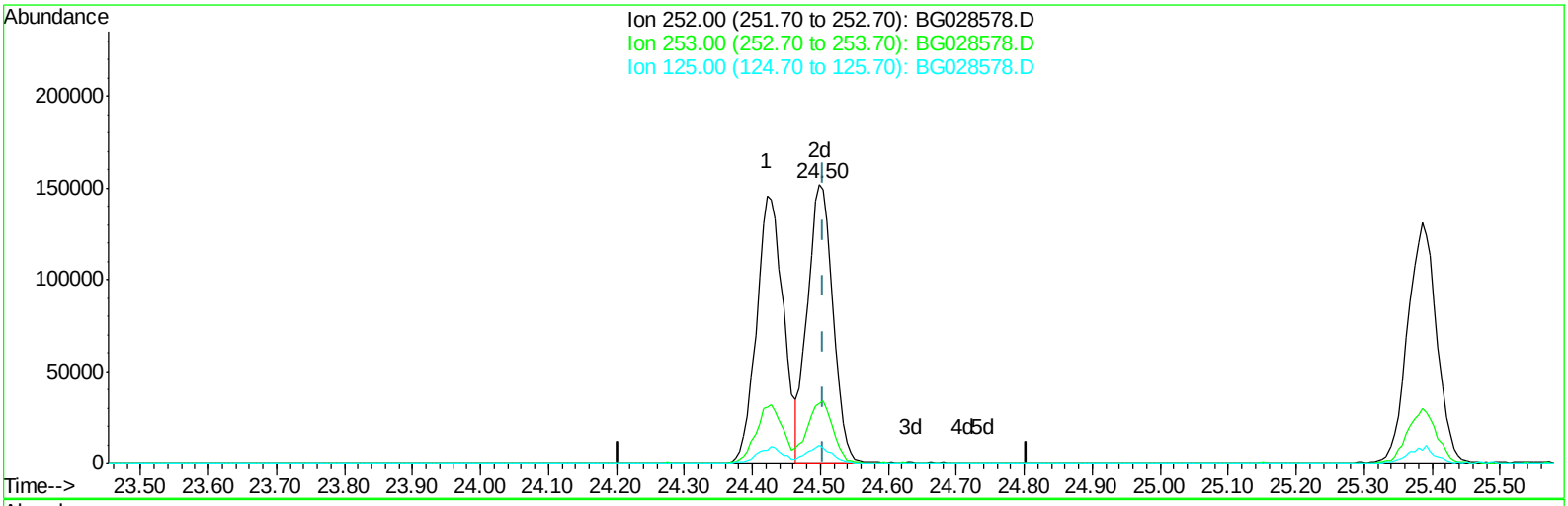

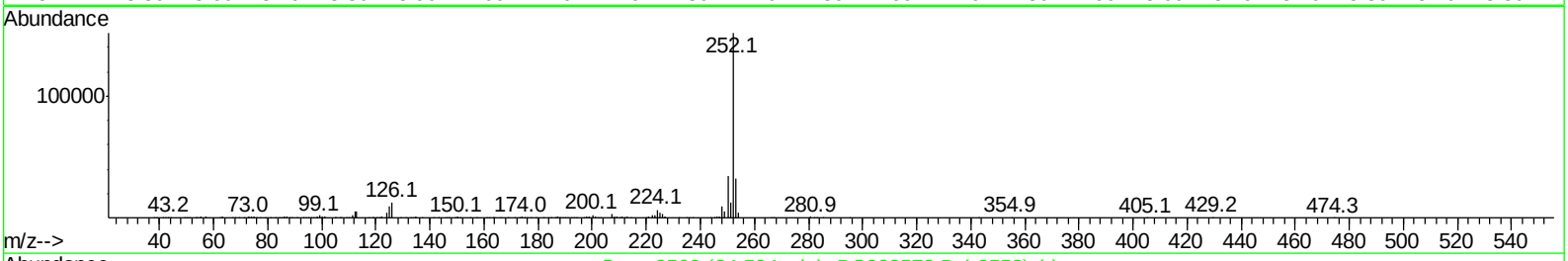

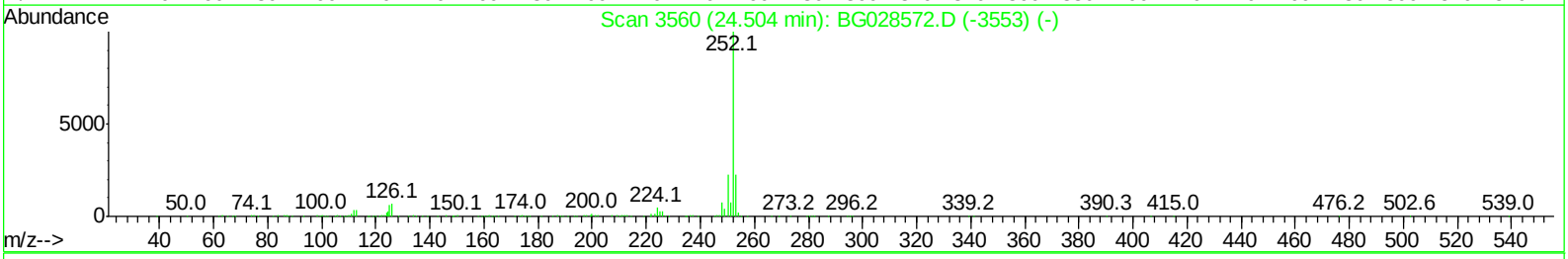

TIC: BG028578.D

(86) Benzo(k)fluoranthene

24.498min (-0.006) 19.50ng/ul m

response 393115

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	21.46
125.00	5.10	6.35#
0.00	0.00	0.00

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Quant Time: Sep 06 04:50:18 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 04:00:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43698	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	176896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	102052	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	264745	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	354559	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	344818	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	7532	8.03	ng/uL	0.00
5) Phenol-d5	7.49	99	80857	16.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	53922	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	60211	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	63667	15.87	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	28555	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	34295	22.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	61837	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	71372	20.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	169560	18.68	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	204645	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	25676	17.79	ng/ul	0.00
57) Fluorene-d10	15.94	176	154625	18.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	31398	18.26	ng/ul	0.00
70) Anthracene-d10	17.80	188	259658	20.45	ng/ul	0.00
76) Pyrene-d10	20.07	212	327964	18.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	317066	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	8556	8.681	ng/uL#	86
4) Benzaldehyde	7.48	77	57011	20.556	ng/ul	89
6) Phenol	7.52	94	80568	16.892	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.75	93	59888	18.432	ng/ul	92
10) 2-Chlorophenol	7.91	128	57802	19.592	ng/ul	94
11) 2-Methylphenol	8.78	108	58016	17.232	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.86	45	120816	15.318	ng/ul#	93
14) Acetophenone	9.16	105	95547	16.702	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.13	70	51505	15.842	ng/ul#	87
16) 4-Methylphenol	9.10	108	62374	16.408	ng/ul	92
17) Hexachloroethane	9.42	117	25441	20.809	ng/ul	88
20) Nitrobenzene	9.55	77	78717	19.658	ng/ul	93
21) Isophorone	10.06	82	136893	17.995	ng/ul#	93
23) 2-Nitrophenol	10.26	139	31666	20.682	ng/ul	87
24) 2,4-Dimethylphenol	10.31	107	73454	19.301	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.54	93	77706	18.752	ng/ul	95
27) 2,4-Dichlorophenol	10.81	162	55815	19.540	ng/ul	91
28) Naphthalene	11.21	128	178213	20.341	ng/ul	98
30) 4-Chloroaniline	11.31	127	67207	19.849	ng/ul	89
31) Hexachlorobutadiene	11.48	225	49586	23.517	ng/ul	96
32) Caprolactam	12.07	113	17023	14.331	ng/ul	88
33) 4-Chloro-3-methylphenol	12.42	107	62125	17.039	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	127754	18.154	ng/ul	99

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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	13.16	216	78981	24.011 ng/ul#	92
37) Hexachlorocyclopentadiene	13.13	237	51407	28.322 ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	46710	22.783 ng/ul	88
39) 2,4,5-Trichlorophenol	13.48	196	48046	21.500 ng/ul	99
40) 1,1'-Biphenyl	13.78	154	160069	21.476 ng/ul	98
41) 2-Chloronaphthalene	13.83	162	123364	20.944 ng/ul	92
42) 2-Nitroaniline	14.03	65	46752	18.931 ng/ul	93
44) Dimethylphthalate	14.39	163	150044	17.953 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	33789	19.582 ng/ul#	88
47) Acenaphthylene	14.67	152	197055	20.149 ng/ul	99
48) 3-Nitroaniline	14.86	138	31256	20.116 ng/ul#	96
49) Acenaphthene	15.02	153	130752	19.815 ng/ul	94
50) 2,4-Dinitrophenol	15.07	184	19764	20.328 ng/ul#	84
52) 4-Nitrophenol	15.17	109	25956	17.358 ng/ul	87
53) Dibenzofuran	15.34	168	186295	19.363 ng/ul	97
54) 2,4-Dinitrotoluene	15.32	165	50549	19.330 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.58	232	43081	20.700 ng/ul	96
56) Diethylphthalate	15.74	149	163209	16.647 ng/ul	99
58) Fluorene	16.00	166	157284	18.465 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.98	204	86401	18.906 ng/ul#	83
60) 4-Nitroaniline	16.02	138	35493	19.254 ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	16.08	198	33701	19.325 ng/ul#	89
64) N-Nitrosodiphenylamine	16.19	169	132894	19.080 ng/ul	94
65) 4-Bromophenyl-phenylether	16.87	248	60678	21.324 ng/ul	96
66) Hexachlorobenzene	17.01	284	64762	21.379 ng/ul	96
67) Atrazine	17.13	200	64469	21.231 ng/ul	99
68) Pentachlorophenol	17.35	266	28607	18.645 ng/ul	93
69) Phenanthrene	17.75	178	268092	20.122 ng/ul	99
71) Anthracene	17.84	178	278368	20.443 ng/ul	99
72) Carbazole	18.11	167	253466	21.403 ng/ul	97
73) Di-n-butylphthalate	18.63	149	320060	21.710 ng/ul#	97
74) Fluoranthene	19.75	202	370951	22.910 ng/ul	98
77) Pyrene	20.11	202	392891	18.574 ng/ul	99
78) Butylbenzylphthalate	20.97	149	154094	19.445 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.92	252	150686	22.028 ng/ul	98
80) Benzo(a)anthracene	22.02	228	410174	20.022 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.87	149	222149	19.711 ng/ul	99
82) Chrysene	22.09	228	371842	20.154 ng/ul	97
84) Di-n-octyl phthalate	23.17	149	385287	18.645 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	402588	19.511 ng/ul	98
86) Benzo(k)fluoranthene	24.50	252	393115m	19.504 ng/ul	
88) Benzo(a)pyrene	25.39	252	389022	19.472 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	467921	20.000 ng/ul	99
90) Dibenzo(a,h)anthracene	29.65	278	390794	19.929 ng/ul	97
91) Benzo(g,h,i)perylene	30.87	276	381529	19.822 ng/ul	98

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

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