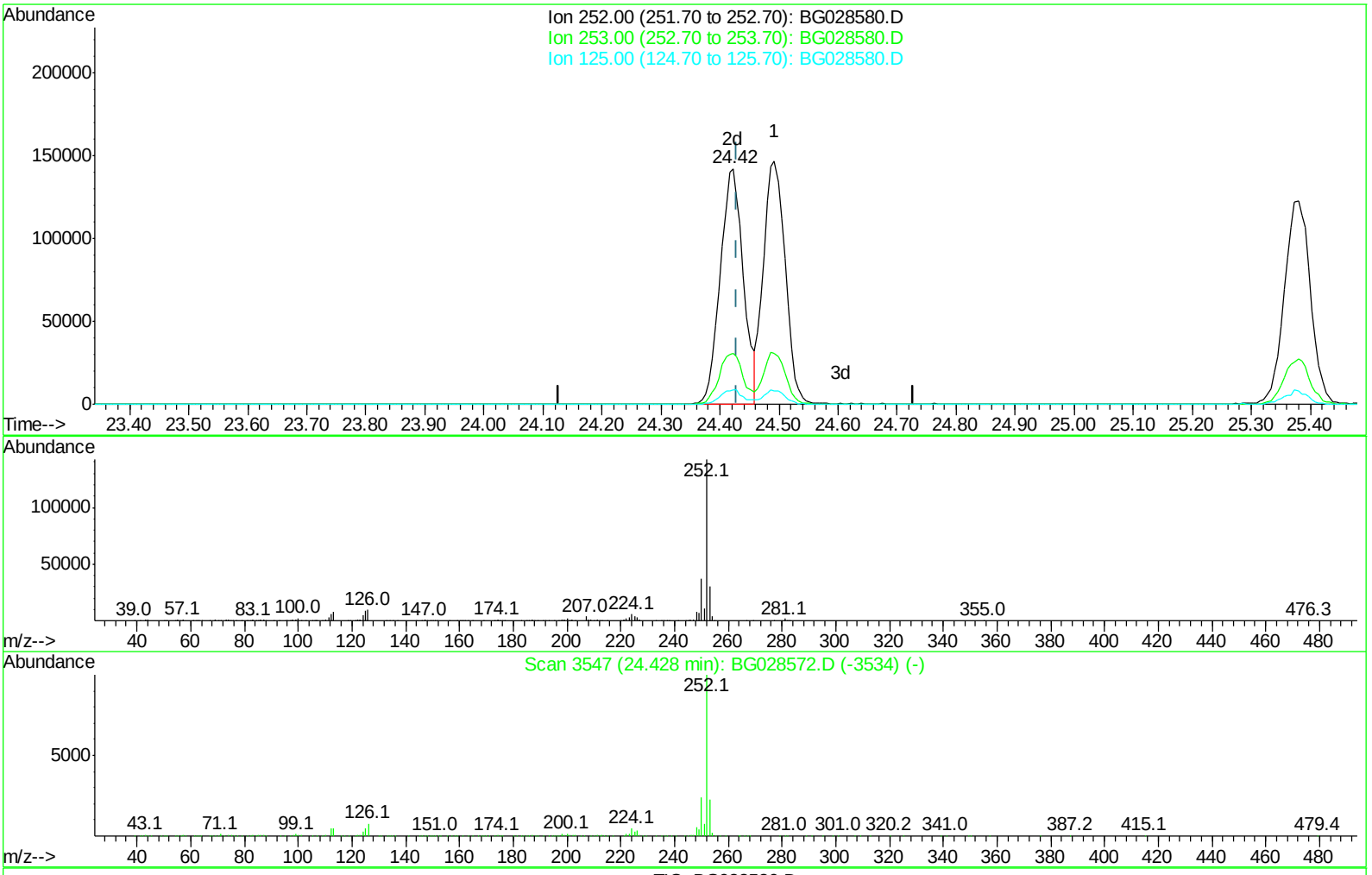
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG090617\
Data File : BG028580.D
Acq On : 6 Sep 2017 13:28
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 02:07:57 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 :
SSTD02051

Manual Integrations APPROVED
Sohil
9/7/2017 10:42:16 AM



TIC: BG028580.D

(85) Benzo(b)fluoranthene

24.422min (-0.006) 20.36ng/ul m

response 386069

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.48
125.00	5.00	6.25#
0.00	0.00	0.00

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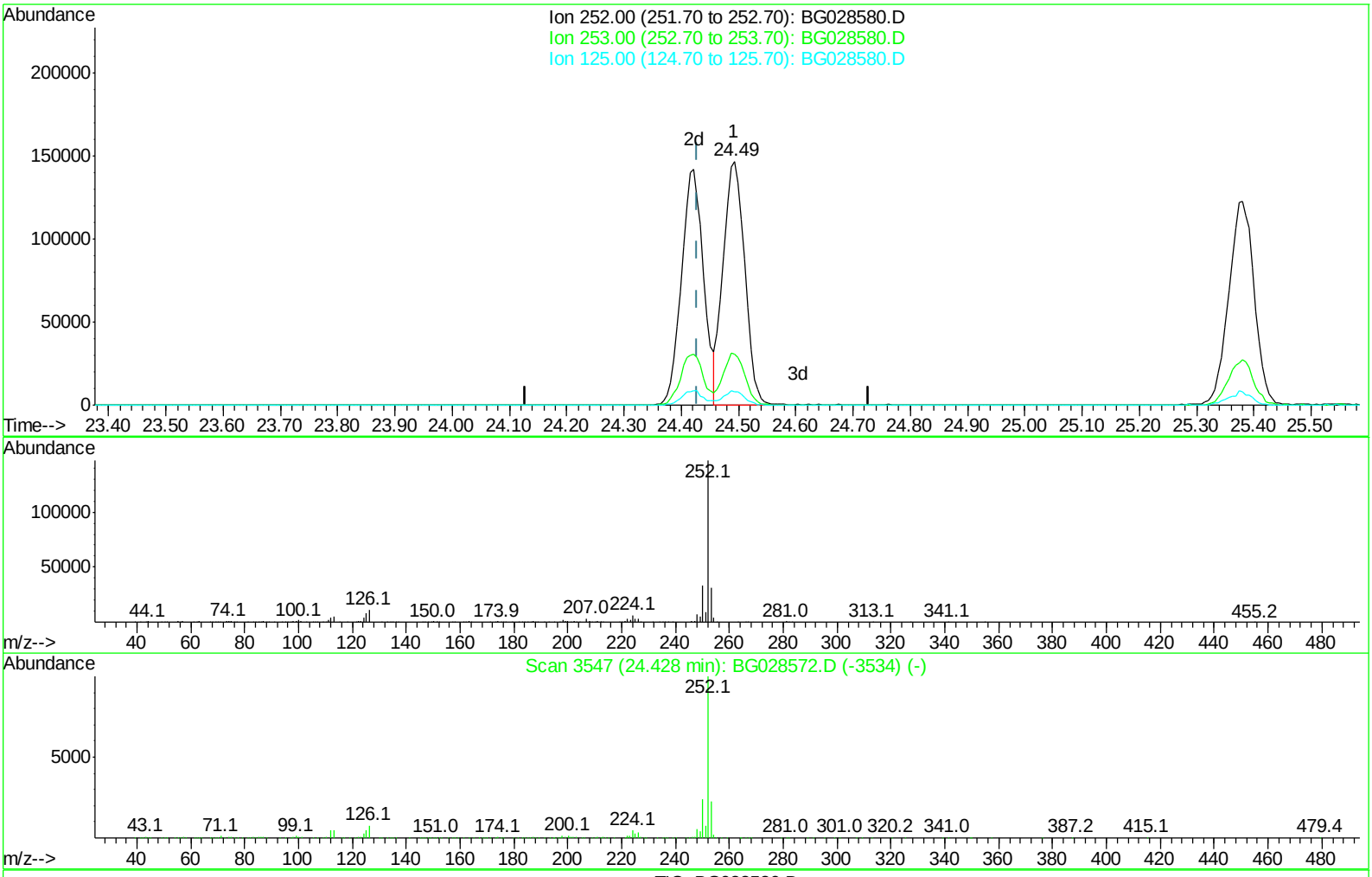

TIC: BG028580.D

(85) Benzo(b)fluoranthene

24.492min (+0.064) 19.88ng/ul

response 377007

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.02
125.00	5.00	5.37
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	39643	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	157411	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	272663	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	332960	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	316915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	6815	8.01	ng/uL	0.00
5) Phenol-d5	7.49	99	68860	15.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	43382	15.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	52913	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	56753	15.60	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	25721	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29960	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	58116	20.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	67041	21.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	186618	18.94	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	226052	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	28734	18.34	ng/ul	0.00
57) Fluorene-d10	15.94	176	171771	19.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	35822	20.22	ng/ul	0.00
70) Anthracene-d10	17.80	188	276347	21.14	ng/ul	0.00
76) Pyrene-d10	20.07	212	323631	18.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	308503	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	7572	8.469	ng/uL#	76
4) Benzaldehyde	7.48	77	45878	18.234	ng/ul#	84
6) Phenol	7.52	94	70280	16.242	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	50485	17.128	ng/ul	95
10) 2-Chlorophenol	7.91	128	49645	18.548	ng/ul	90
11) 2-Methylphenol	8.78	108	49193	16.106	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.86	45	100469	14.042	ng/ul#	95
14) Acetophenone	9.16	105	80868	15.582	ng/ul#	94
15) N-Nitroso-di-n-propylamine	9.13	70	45528	15.436	ng/ul#	89
16) 4-Methylphenol	9.10	108	55714	16.155	ng/ul	93
17) Hexachloroethane	9.43	117	21838	19.689	ng/ul	97
20) Nitrobenzene	9.55	77	69109	19.395	ng/ul	94
21) Isophorone	10.07	82	124296	18.361	ng/ul#	97
23) 2-Nitrophenol	10.27	139	29083	21.346	ng/ul	86
24) 2,4-Dimethylphenol	10.31	107	65935	19.470	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.54	93	70531	19.128	ng/ul	95
27) 2,4-Dichlorophenol	10.80	162	52916	20.818	ng/ul	97
28) Naphthalene	11.21	128	160413	20.576	ng/ul	97
30) 4-Chloroaniline	11.31	127	60683	20.141	ng/ul	93
31) Hexachlorobutadiene	11.48	225	44526	23.731	ng/ul	93
32) Caprolactam	12.07	113	19424	18.377	ng/ul	81
33) 4-Chloro-3-methylphenol	12.42	107	63920	19.701	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	124694	19.913	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	80883	22.652	ng/ul#	91
37) Hexachlorocyclopentadiene	13.13	237	23962	12.162	ng/ul#	87
38) 2,4,6-Trichlorophenol	13.39	196	51569	23.172	ng/ul	95
39) 2,4,5-Trichlorophenol	13.47	196	53988	22.256	ng/ul	99
40) 1,1'-Biphenyl	13.78	154	164549	20.338	ng/ul	97
41) 2-Chloronaphthalene	13.83	162	130932	20.478	ng/ul	98
42) 2-Nitroaniline	14.03	65	51010	19.029	ng/ul	93
44) Dimethylphthalate	14.39	163	171189	18.870	ng/ul	97
45) 2,6-Dinitrotoluene	14.52	165	37183	19.851	ng/ul	94
47) Acenaphthylene	14.67	152	210561	19.834	ng/ul	99
48) 3-Nitroaniline	14.86	138	35478	21.035	ng/ul#	93
49) Acenaphthene	15.02	153	144913	20.231	ng/ul	96
50) 2,4-Dinitrophenol	15.08	184	15278	14.477	ng/ul#	80
52) 4-Nitrophenol	15.17	109	25883	15.946	ng/ul#	73
53) Dibenzofuran	15.35	168	211269	20.230	ng/ul	94
54) 2,4-Dinitrotoluene	15.31	165	57170	20.140	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.58	232	50579	22.388	ng/ul#	98
56) Diethylphthalate	15.74	149	193255	18.159	ng/ul	98
58) Fluorene	16.00	166	179088	19.369	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.97	204	99379	20.034	ng/ul#	85
60) 4-Nitroaniline	16.02	138	35372	17.677	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.08	198	35043	19.511	ng/ul#	97
64) N-Nitrosodiphenylamine	16.19	169	151225	21.082	ng/ul	95
65) 4-Bromophenyl-phenylether	16.87	248	68161	23.259	ng/ul	94
66) Hexachlorobenzene	17.01	284	72324	23.182	ng/ul	93
67) Atrazine	17.13	200	68591	21.932	ng/ul	95
68) Pentachlorophenol	17.35	266	28868	18.268	ng/ul	91
69) Phenanthrene	17.75	178	286966	20.913	ng/ul	99
71) Anthracene	17.84	178	304145	21.687	ng/ul	96
72) Carbazole	18.11	167	258911	21.228	ng/ul	100
73) Di-n-butylphthalate	18.63	149	324245	21.356	ng/ul	98
74) Fluoranthene	19.74	202	368214	22.080	ng/ul	99
77) Pyrene	20.10	202	379541	19.106	ng/ul	99
78) Butylbenzylphthalate	20.97	149	151379	20.341	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	142429	22.172	ng/ul	96
80) Benzo(a)anthracene	22.01	228	395037	20.534	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	214098	20.229	ng/ul	97
82) Chrysene	22.08	228	351895	20.310	ng/ul	99
84) Di-n-octyl phthalate	23.16	149	365558	19.248	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	386069m	20.357	ng/ul	
86) Benzo(k)fluoranthene	24.49	252	377007	20.352	ng/ul	96
88) Benzo(a)pyrene	25.38	252	380191	20.705	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.58	276	446732	20.776	ng/ul	96
90) Dibenzo(a,h)anthracene	29.63	278	375355	20.827	ng/ul	95
91) Benzo(g,h,i)perylene	30.84	276	369554	20.891	ng/ul	99

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

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