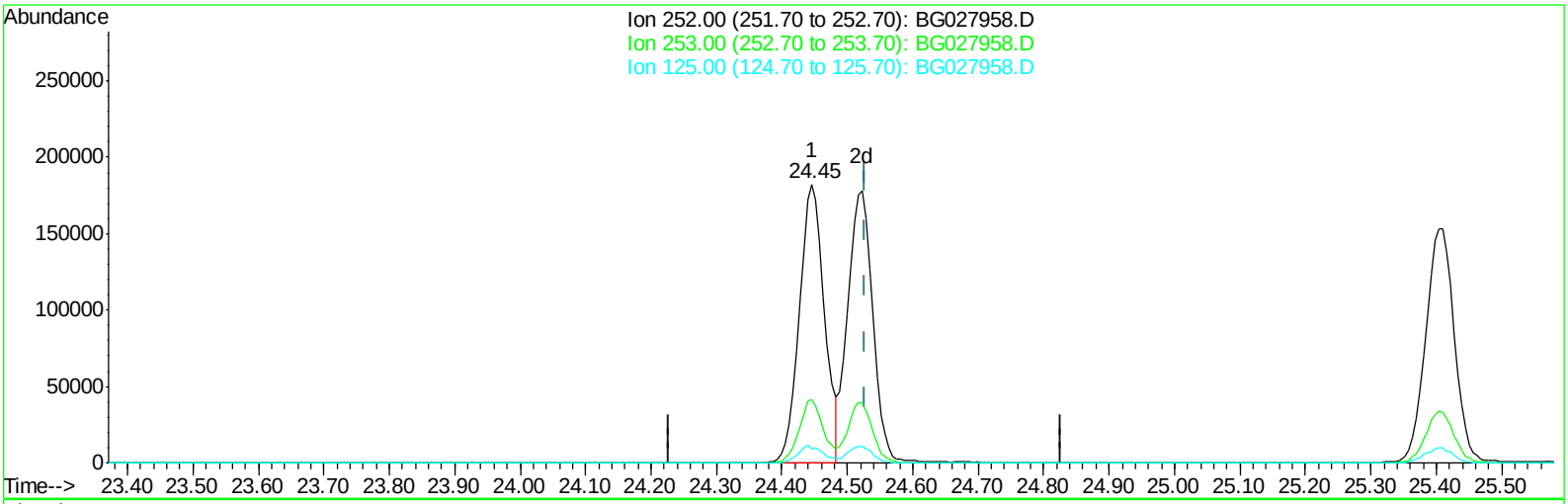
Quantitation Report (Qedit)

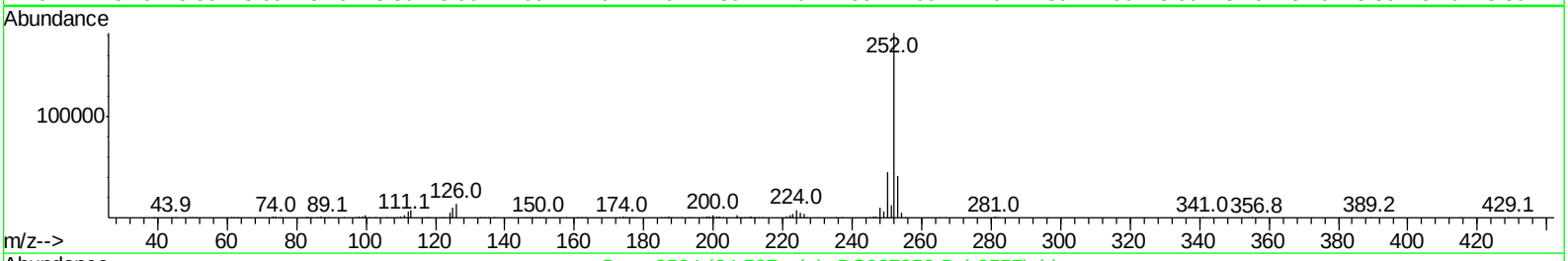
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071717\
Data File : BG027958.D
Acq On : 17 Jul 2017 20:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

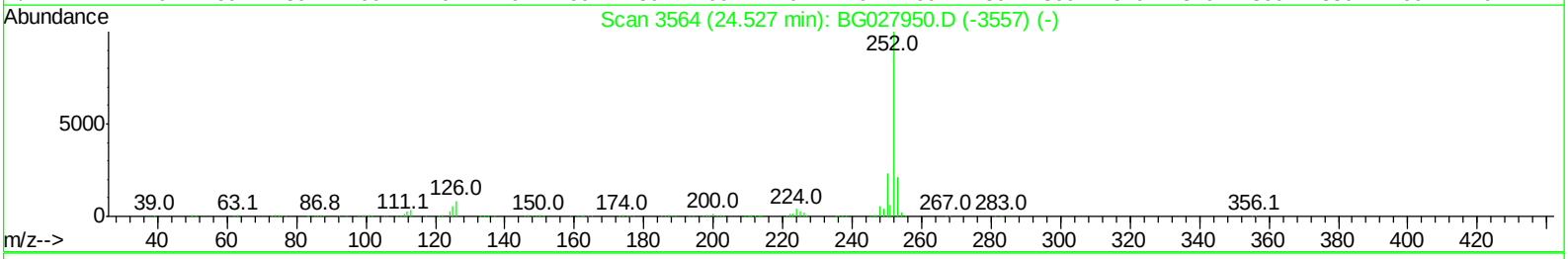
Quant Time: Jul 18 01:15:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 16:40:57 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
7/20/2017 8:40:16 AM







TIC: BG027958.D

(86) Benzo(k)fluoranthene

24.446min (-0.081) 20.54ng/ul

response 481702

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.84
125.00	5.10	5.24
0.00	0.00	0.00

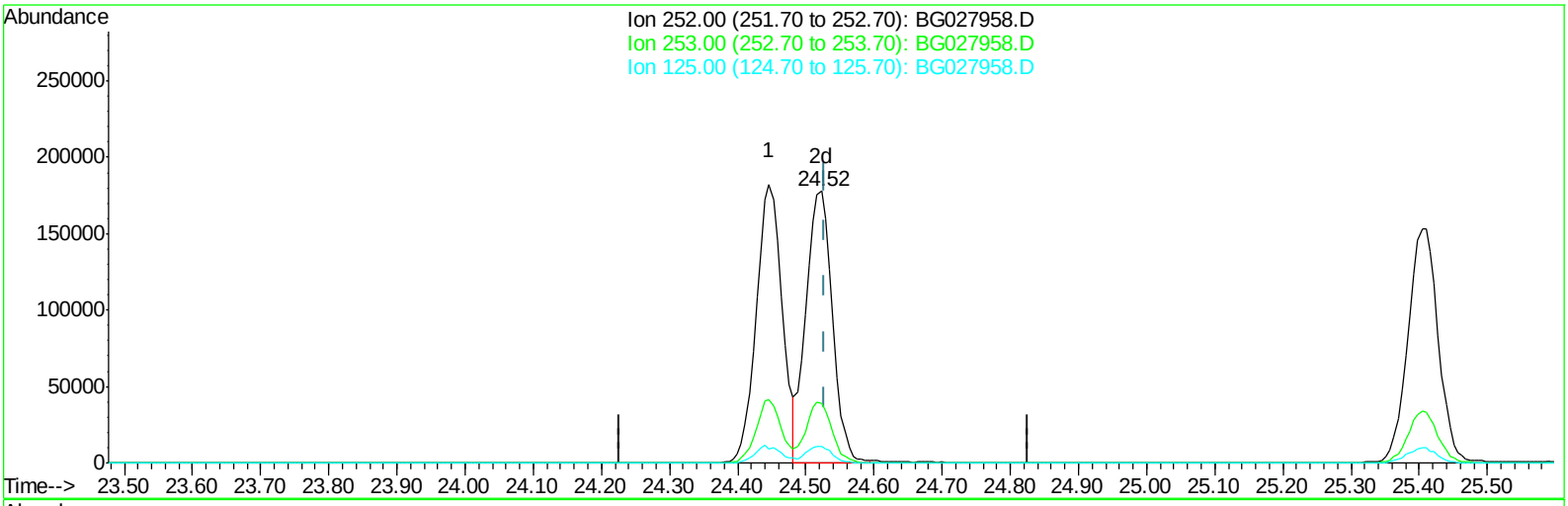
Quantitation Report (Qedit)

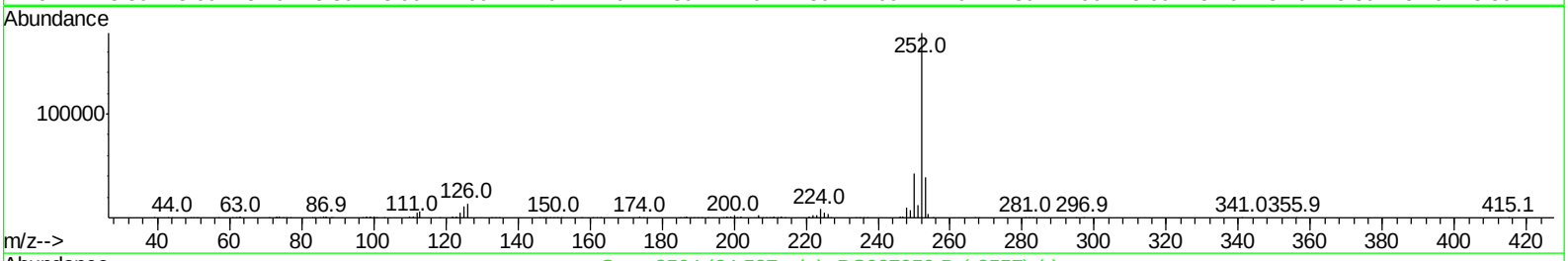
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071717\
Data File : BG027958.D
Acq On : 17 Jul 2017 20:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

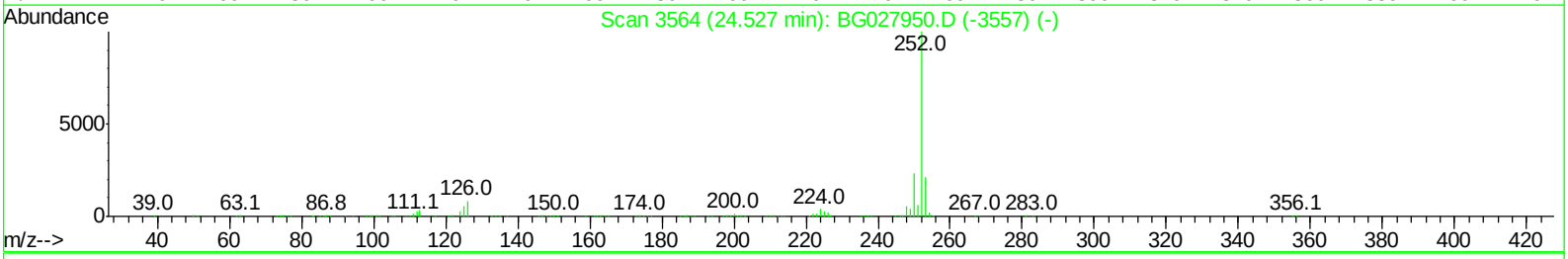
Quant Time: Jul 18 01:15:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 16:40:57 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
7/20/2017 8:40:16 AM







TIC: BG027958.D

(86) Benzo(k)fluoranthene

24.523min (-0.005) 20.37ng/ul m

response 477887

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.04
125.00	5.10	6.12#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071717\
Data File : BG027958.D
Acq On : 17 Jul 2017 20:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
7/20/2017 8:40:16 AM

Quant Time: Jul 18 01:40:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 16:40:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	49057	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	200544	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	138332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	350924	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	445813	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	419061	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.87	96	7259	8.16	ng/uL	0.00
5) Phenol-d5	7.52	99	76384	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	44756	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.91	132	63278	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	64799	19.42	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	29299	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	35878	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	73147	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	64121	20.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	242978	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	279205	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	31411	18.09	ng/ul	0.00
57) Fluorene-d10	15.96	176	228556	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44181	18.13	ng/ul	0.00
70) Anthracene-d10	17.82	188	344492	20.36	ng/ul	-0.01
76) Pyrene-d10	20.09	212	408566	20.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	392203	20.04	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	8108	7.511	ng/uL#	85
4) Benzaldehyde	7.51	77	49909	19.963	ng/ul#	86
6) Phenol	7.54	94	73501	18.788	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.78	93	54001	19.152	ng/ul	90
10) 2-Chlorophenol	7.94	128	57220	19.433	ng/ul#	83
11) 2-Methylphenol	8.80	108	54391	18.934	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.89	45	102181	19.217	ng/ul	95
14) Acetophenone	9.19	105	91841	19.522	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.16	70	47564	19.719	ng/ul#	94
16) 4-Methylphenol	9.12	108	60439	19.198	ng/ul	96
17) Hexachloroethane	9.46	117	23556	19.866	ng/ul	87
20) Nitrobenzene	9.58	77	70258	20.595	ng/ul#	91
21) Isophorone	10.10	82	127118	20.458	ng/ul#	93
23) 2-Nitrophenol	10.30	139	34419	20.144	ng/ul#	72
24) 2,4-Dimethylphenol	10.33	107	71614	20.030	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.57	93	74420	19.965	ng/ul#	92
27) 2,4-Dichlorophenol	10.83	162	71547	21.275	ng/ul#	88
28) Naphthalene	11.24	128	196178	20.643	ng/ul	97
30) 4-Chloroaniline	11.34	127	57759	19.876	ng/ul	92
31) Hexachlorobutadiene	11.52	225	56147	20.874	ng/ul	96
32) Caprolactam	12.09	113	20190	20.177	ng/ul	95
33) 4-Chloro-3-methylphenol	12.44	107	65390	20.395	ng/ul#	84
34) 2-Methylnaphthalene	12.82	142	161694	21.041	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071717\
Data File : BG027958.D
Acq On : 17 Jul 2017 20:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
7/20/2017 8:40:16 AM

Quant Time: Jul 18 01:40:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 16:40:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	110359	21.211	ng/ul#	91
37) Hexachlorocyclopentadiene	13.15	237	55281	17.957	ng/ul	98
38) 2,4,6-Trichlorophenol	13.41	196	65353	20.822	ng/ul	99
39) 2,4,5-Trichlorophenol	13.49	196	67581	20.037	ng/ul	98
40) 1,1'-Biphenyl	13.81	154	217312	20.557	ng/ul	99
41) 2-Chloronaphthalene	13.86	162	169999	20.342	ng/ul	98
42) 2-Nitroaniline	14.06	65	46280	19.378	ng/ul#	85
44) Dimethylphthalate	14.41	163	222392	20.365	ng/ul#	99
45) 2,6-Dinitrotoluene	14.54	165	44143	19.984	ng/ul#	87
47) Acenaphthylene	14.70	152	271308	20.260	ng/ul	98
48) 3-Nitroaniline	14.87	138	35831	18.662	ng/ul#	96
49) Acenaphthene	15.04	153	183159	20.216	ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	20233	15.902	ng/ul#	71
52) 4-Nitrophenol	15.17	109	25393	18.148	ng/ul#	84
53) Dibenzofuran	15.37	168	271259	20.249	ng/ul	92
54) 2,4-Dinitrotoluene	15.32	165	63280	19.653	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.59	232	64961	20.213	ng/ul	94
56) Diethylphthalate	15.77	149	221192	19.424	ng/ul	96
58) Fluorene	16.02	166	234218	20.337	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.00	204	131009	20.515	ng/ul#	81
60) 4-Nitroaniline	16.04	138	43933	19.281	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	16.09	198	42059	18.048	ng/ul#	91
64) N-Nitrosodiphenylamine	16.21	169	191162	20.210	ng/ul	95
65) 4-Bromophenyl-phenylether	16.90	248	88896	20.787	ng/ul	93
66) Hexachlorobenzene	17.03	284	91468	20.343	ng/ul	94
67) Atrazine	17.15	200	83605	20.089	ng/ul	99
68) Pentachlorophenol	17.37	266	44527	18.229	ng/ul	93
69) Phenanthrene	17.77	178	365892	20.343	ng/ul	97
71) Anthracene	17.86	178	384395	20.851	ng/ul	97
72) Carbazole	18.12	167	310646	20.437	ng/ul	98
73) Di-n-butylphthalate	18.65	149	346281	20.777	ng/ul#	96
74) Fluoranthene	19.76	202	469541	21.327	ng/ul#	95
77) Pyrene	20.12	202	493276	20.884	ng/ul	98
78) Butylbenzylphthalate	20.99	149	152633	20.157	ng/ul	86
79) 3,3'-Dichlorobenzidine	21.94	252	142375	19.643	ng/ul#	94
80) Benzo(a)anthracene	22.04	228	500336	20.747	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.90	149	215566	19.978	ng/ul	95
82) Chrysene	22.11	228	451518	20.570	ng/ul	98
84) Di-n-octyl phthalate	23.21	149	372628	19.172	ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	481702	20.143	ng/ul	99
86) Benzo(k)fluoranthene	24.52	252	477887m	20.373	ng/ul	
88) Benzo(a)pyrene	25.41	252	476590	20.626	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.61	276	531455	20.281	ng/ul	98
90) Dibenzo(a,h)anthracene	29.68	278	451850	20.542	ng/ul	96
91) Benzo(g,h,i)perylene	30.86	276	443088	20.496	ng/ul	97

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071717\
Data File : BG027958.D
Acq On : 17 Jul 2017 20:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 18 01:40:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 17 16:40:57 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
7/20/2017 8:40:16 AM