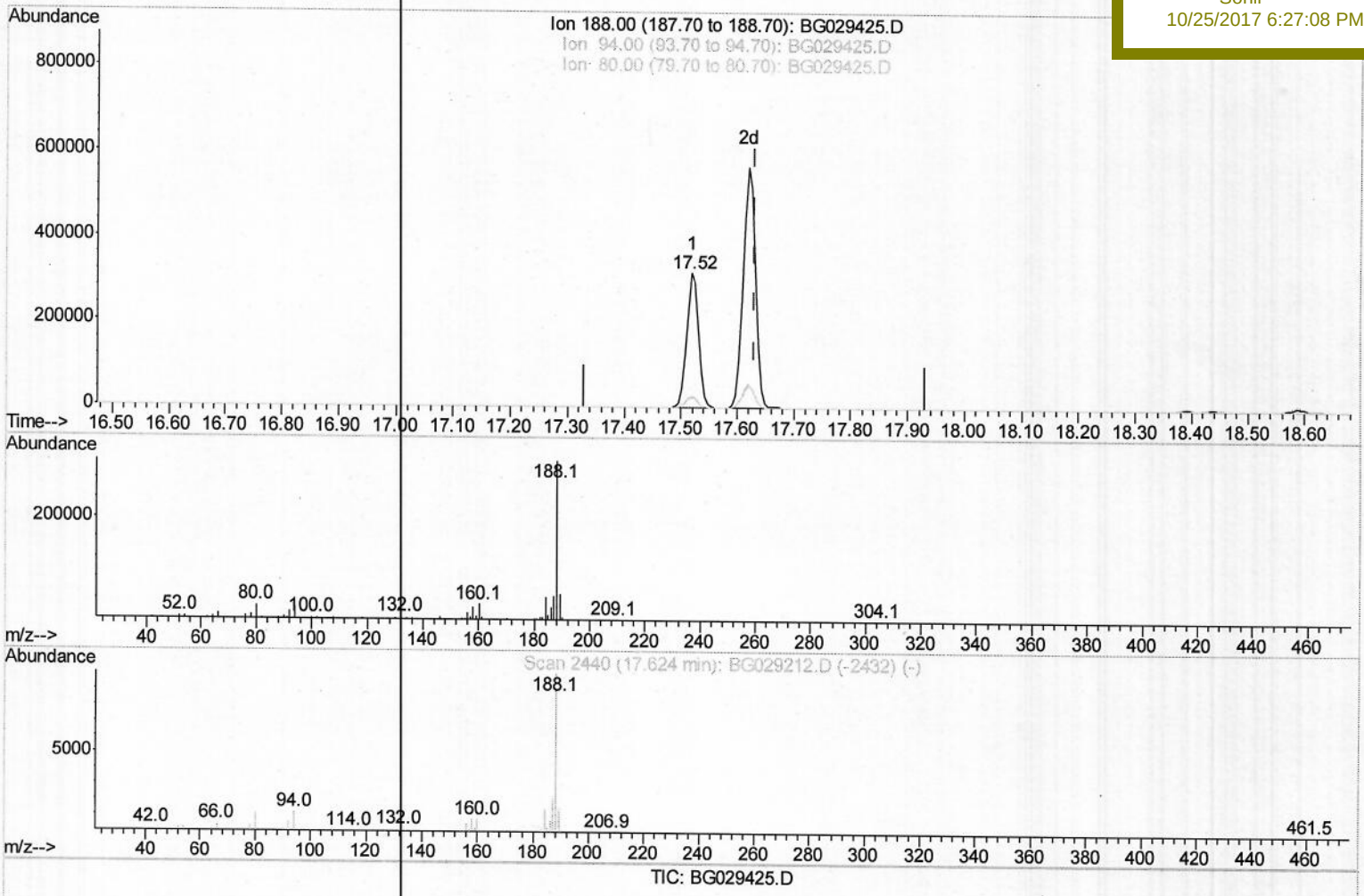
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB3L4

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:08 PM



(70) Anthracene-d10 (S)

17.519min (-0.112) 21.14ng/ul

response 469380

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	7.70
80.00	8.80	8.34
0.00	0.00	0.00

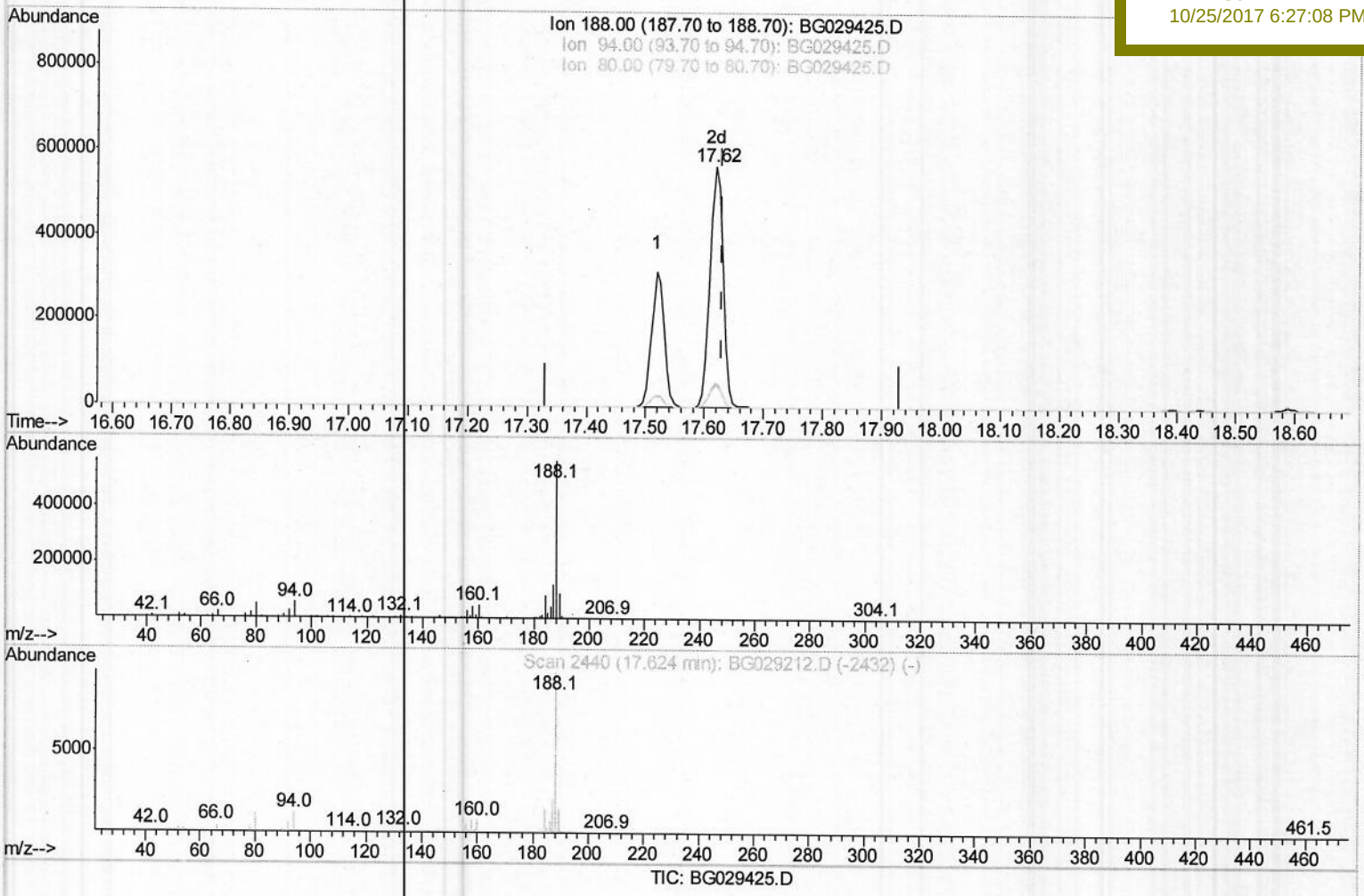
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB3L4

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:08 PM



TIC: BG029425.D

(70) Anthracene-d10 (S)
17.619min (-0.012) 38.94ng/ul m
response 864467

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	10.08#
80.00	8.80	9.18
0.00	0.00	0.00

SJ
11/01/17

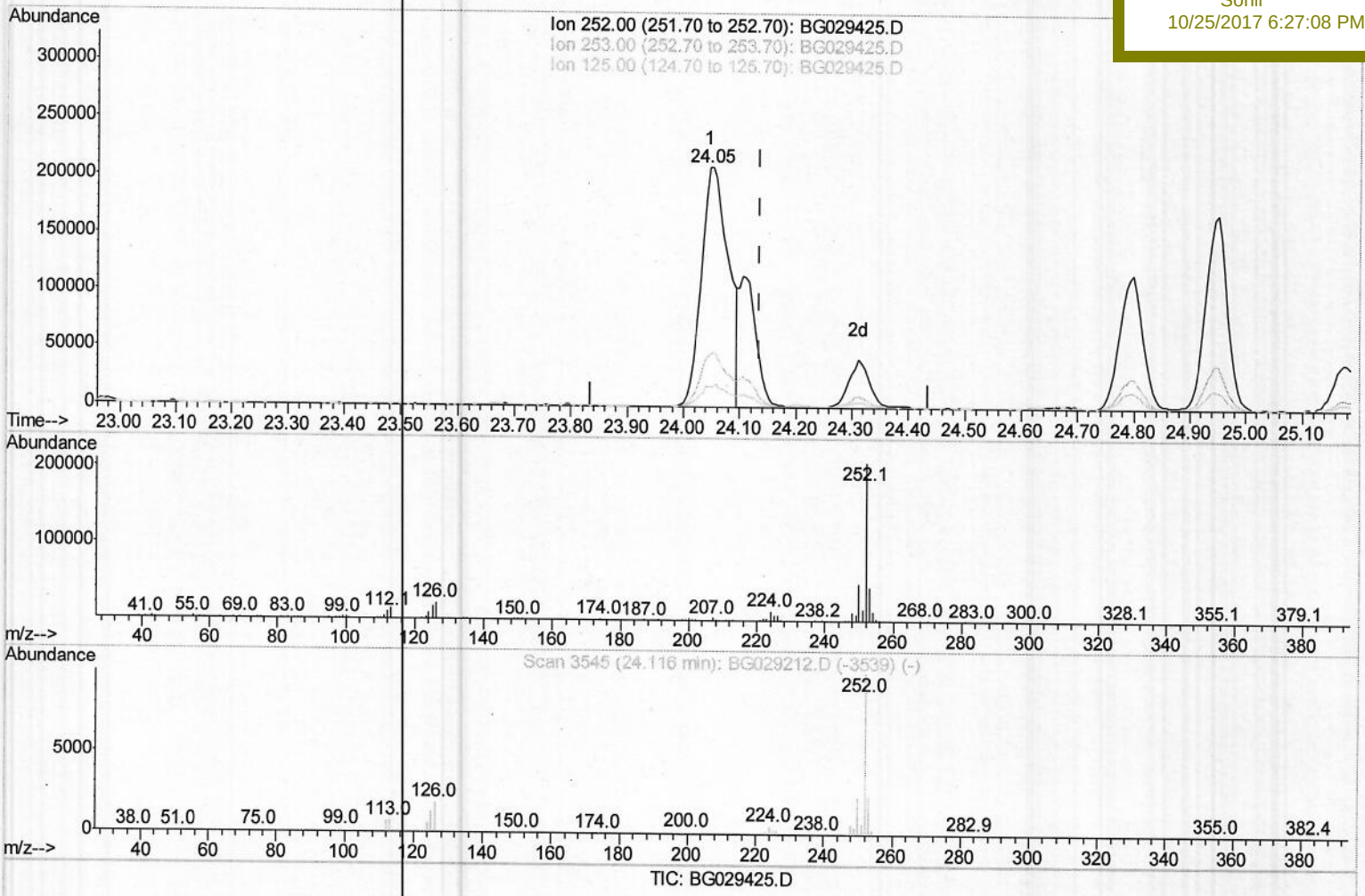
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB3L4

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:08 PM



TIC: BG029425.D

(86) Benzo(k)fluoranthene

24.047min (-0.088) 23.90ng/ul

response 697366

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.45
125.00	9.80	8.36
0.00	0.00	0.00

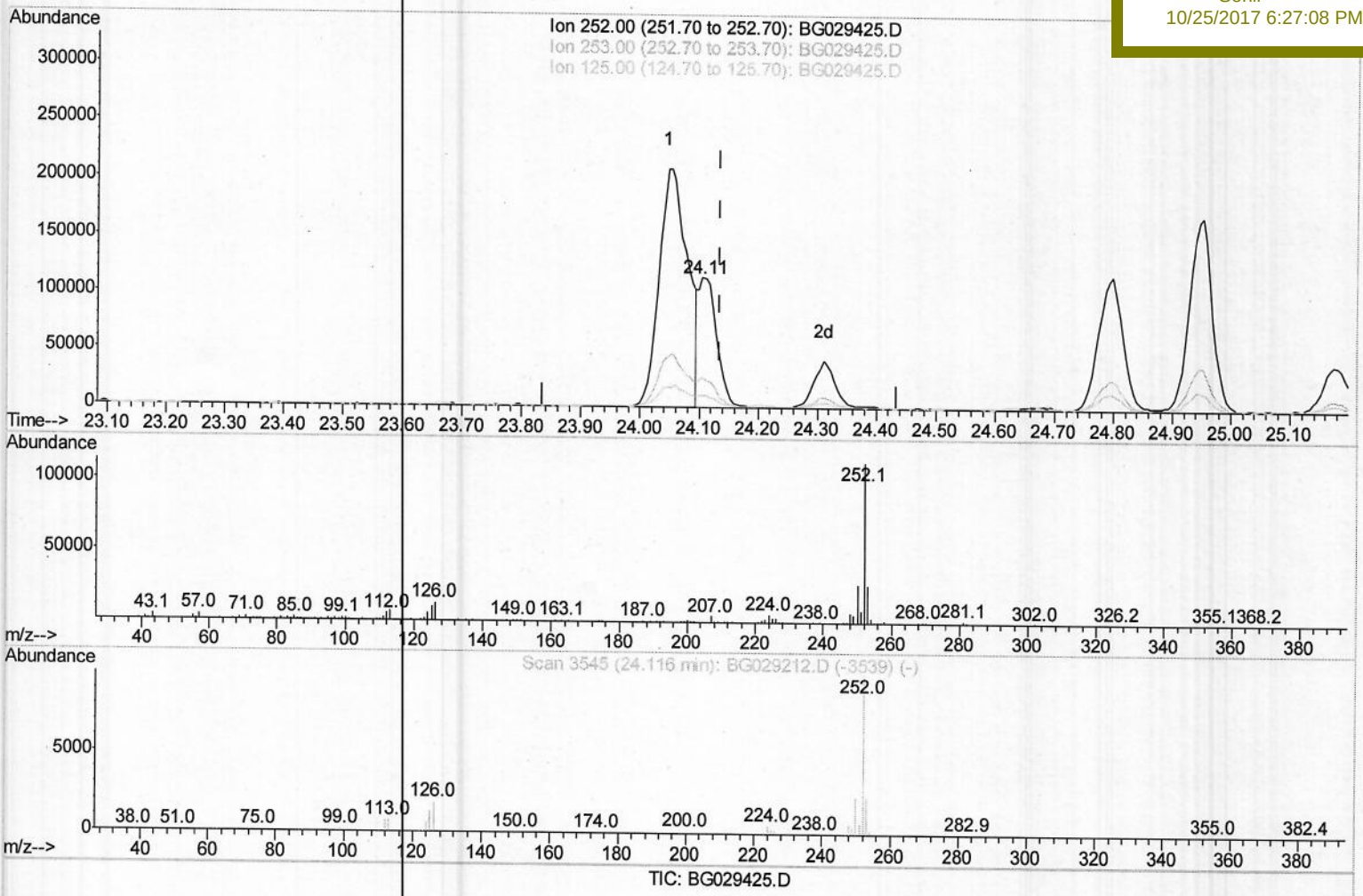
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 19:16:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB3L4

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:08 PM



TIC: BG029425.D

(86) Benzo(k)fluoranthene

24.106min (-0.029) 8.40ng/ul m

response 245020

SJ 11/01/17

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.24
125.00	9.80	8.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 19:32:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : CB3L4

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60615	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	289935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	197400	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	469380	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	498864	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	502718	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	9815	6.58	ng/uL	0.00
5) Phenol-d5	7.31	99	208052	35.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	122942	33.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.70	132	163232	39.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	182084	38.75	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	85839	41.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	100331	47.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192531	39.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	236711	41.92	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	638574	37.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	792118	38.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	86494	27.76	ng/ul	-0.01
57) Fluorene-d10	15.77	176	586573	42.44	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	75801	33.08	ng/ul	-0.01
70) Anthracene-d10	17.62	188	864467m	38.94	ng/ul	-0.01
76) Pyrene-d10	19.89	212	998320	38.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	976641	41.02	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.03	128	29795	1.942	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	18014	1.418	ng/ul	98
44) Dimethylphthalate	14.22	163	25180	1.530	ng/ul#	95
49) Acenaphthene	14.85	153	23368	1.631	ng/ul	94
53) Dibenzofuran	15.18	168	29543	1.509	ng/ul	91
58) Fluorene	15.82	166	30308	1.940	ng/ul#	95
69) Phenanthrene	17.57	178	634701	25.014	ng/ul	99
71) Anthracene	17.65	178	121773	4.651	ng/ul	98
72) Carbazole	17.92	167	46565	1.979	ng/ul	99
74) Fluoranthene	19.56	202	1118384	39.438	ng/ul	99
77) Pyrene	19.92	202	994297	29.739	ng/ul	97
80) Benzo(a)anthracene	21.77	228	587247	18.784	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	24768	1.261	ng/ul#	97
82) Chrysene	21.84	228	534672	18.822	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	697366	23.107	ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	245020m	8.397	ng/ul	
88) Benzo(a)pyrene	24.95	252	453708	15.444	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	308051	9.268	ng/ul	99
90) Dibenzo(a,h)anthracene	28.93	278	87362	3.164	ng/ul	98
91) Benzo(g,h,i)perylene	30.06	276	268170	9.734	ng/ul	96

SJ 11/01/17

SJ 11/01/17

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 19:32:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB3L4

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:08 PM