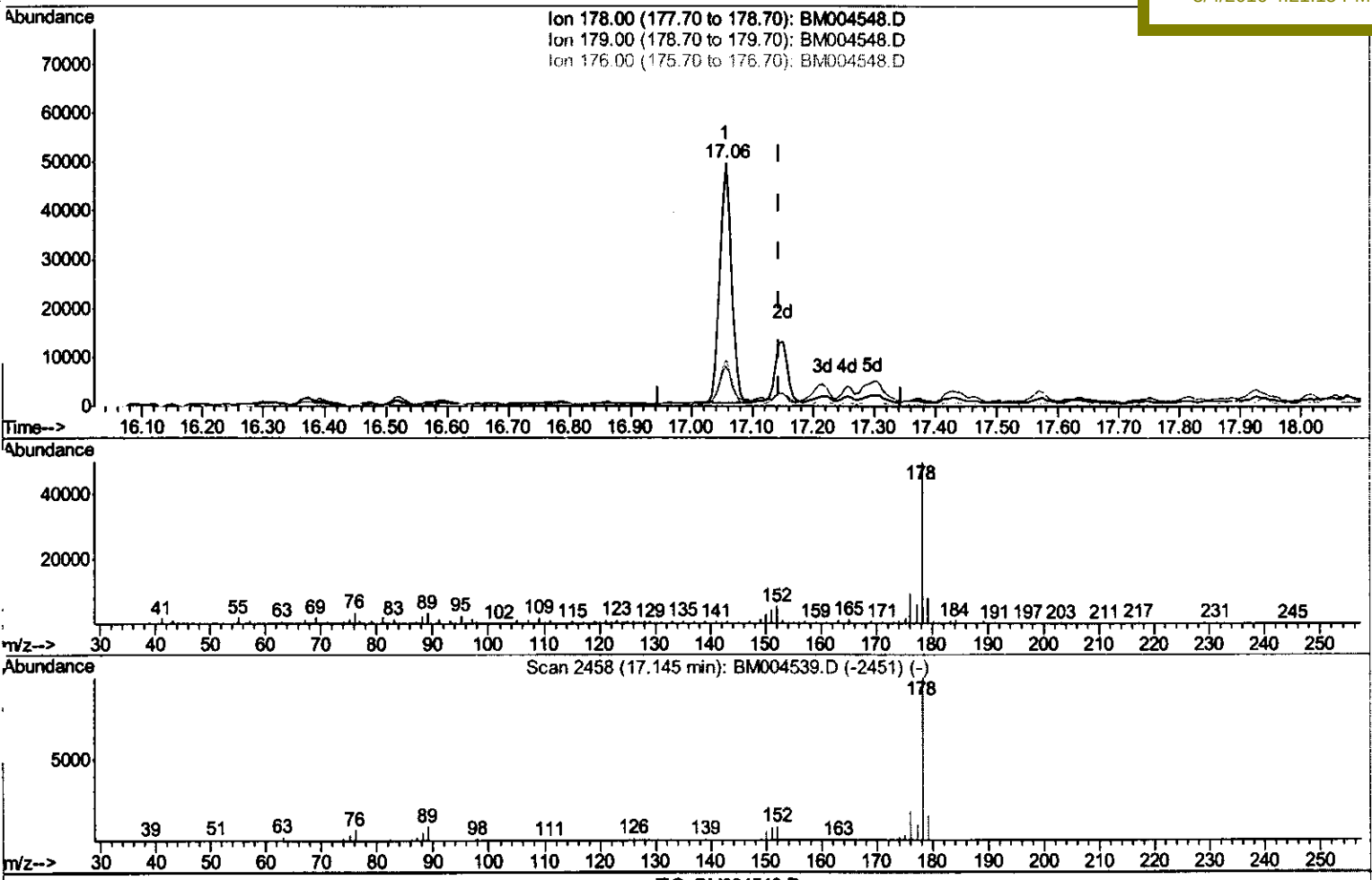
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 04 06:33:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:15 PM



TIC: BM004548.D

(72) Anthracene

17.056min (-0.088) 5.00ng/ul

response 65818

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	16.50
176.00	18.50	19.14
0.00	0.00	0.00

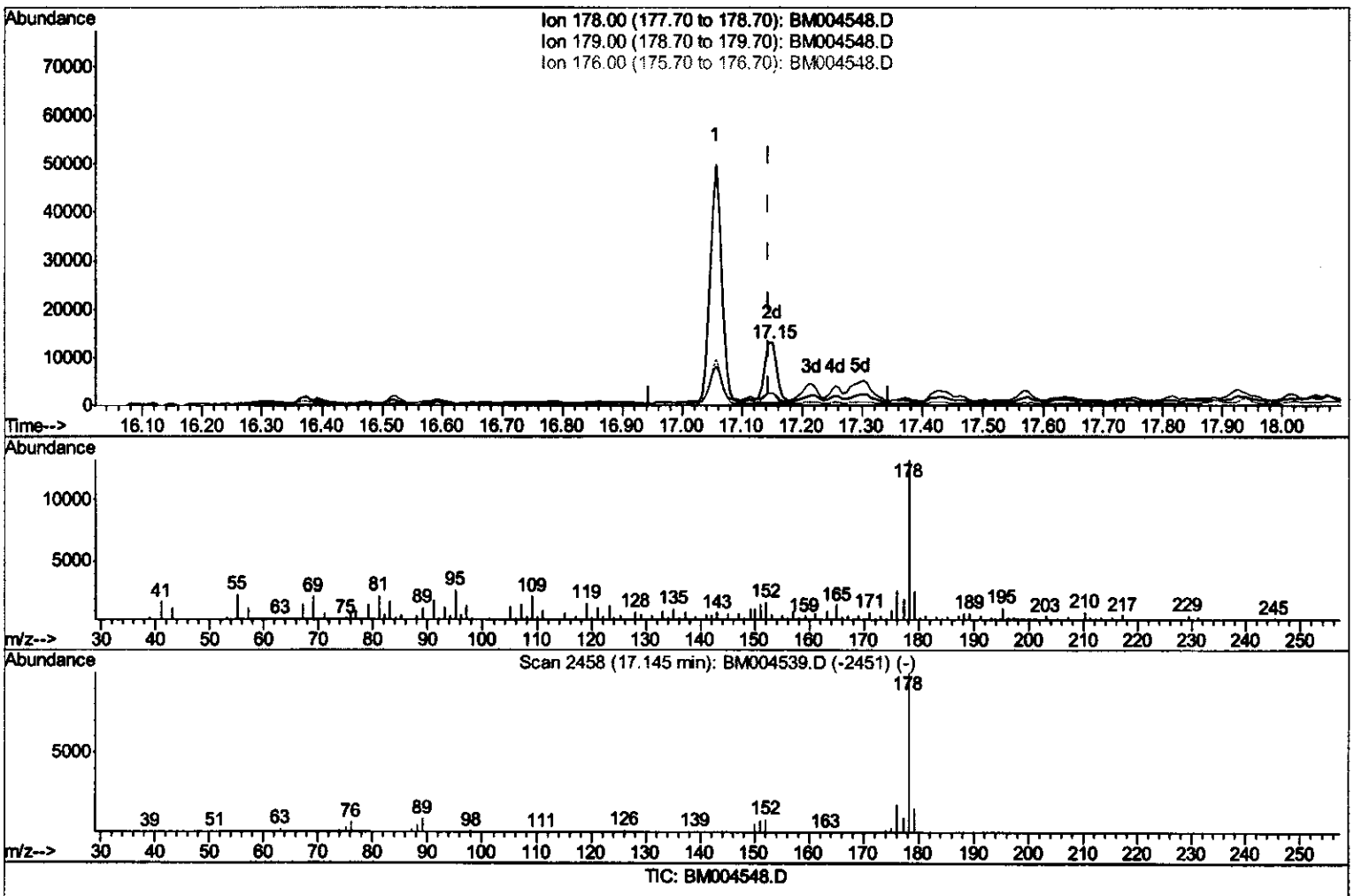
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 04 06:33:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:15 PM



TIC: BM004548.D

(72) Anthracene

17.151min (+0.006) 1.37ng/ul m

response 17975

S.J 03/04/16

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	19.69#
176.00	18.50	20.22
0.00	0.00	0.00

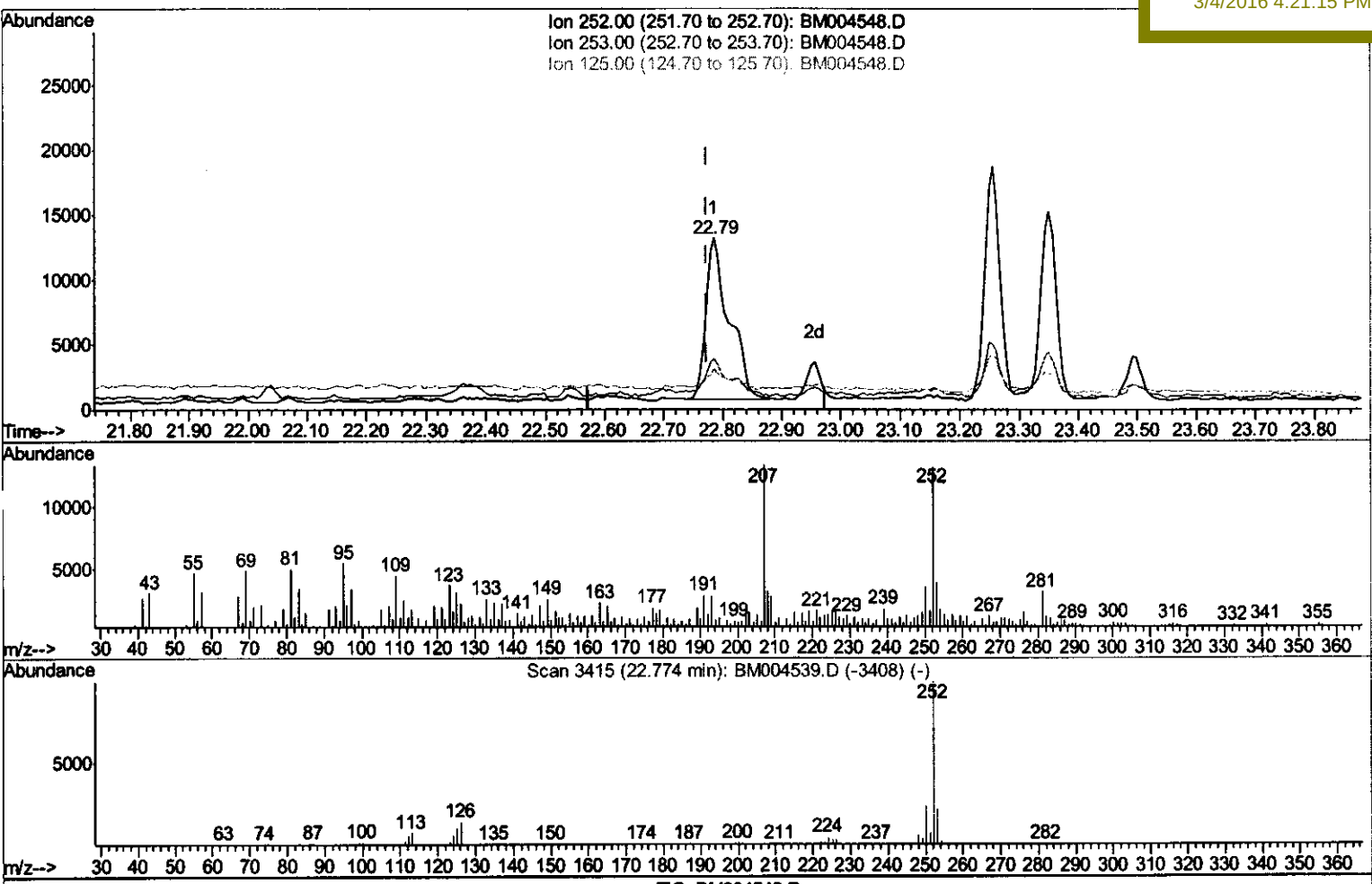
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 04 06:33:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:15 PM



TIC: BM004548.D

(88) Benzo(b)fluoranthene

22.786min (+0.012) 3.60ng/ul

response 34354

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	29.47#
125.00	10.60	23.72#
0.00	0.00	0.00

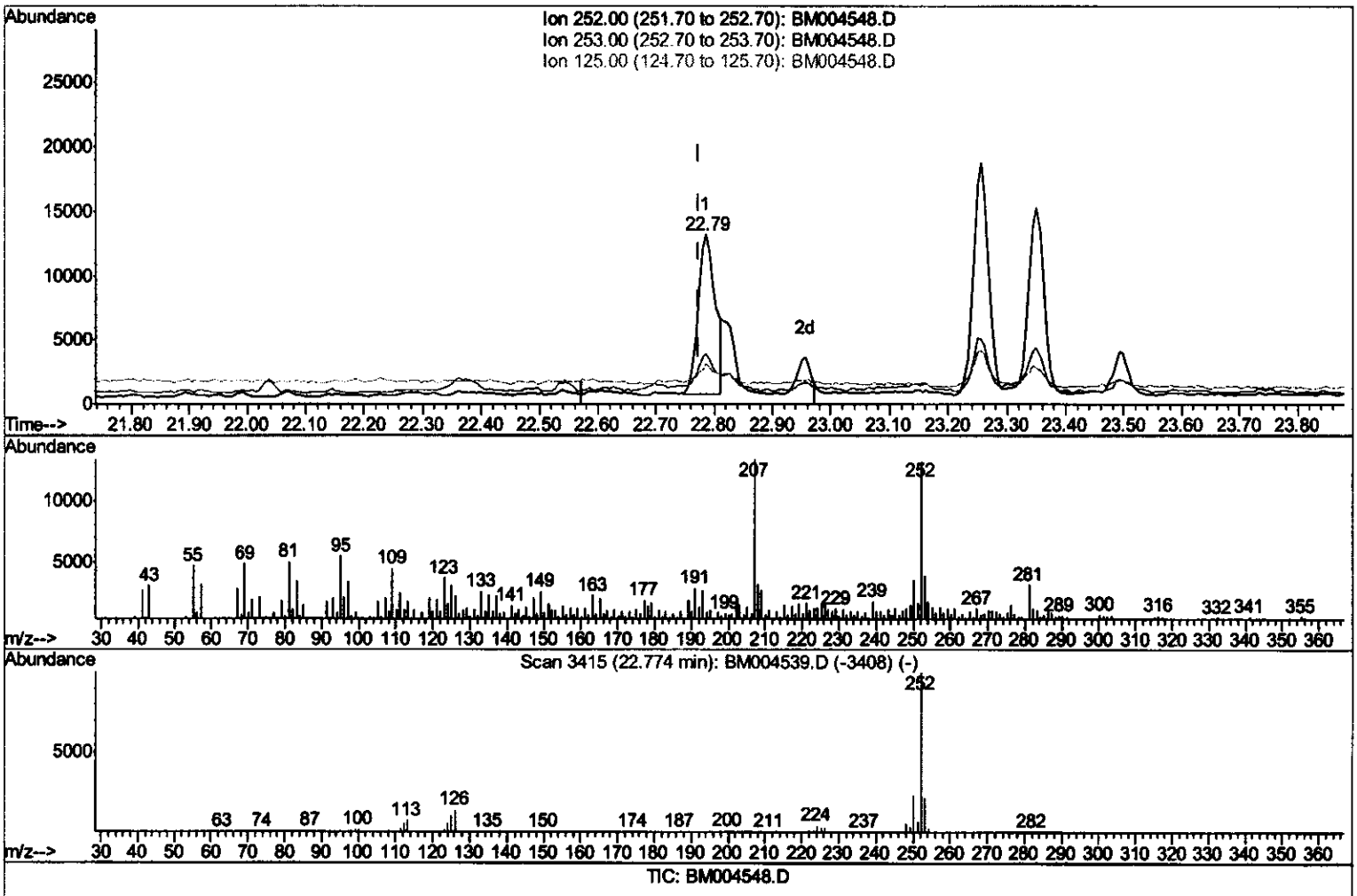
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 04 06:33:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:15 PM



(88) Benzo(b)fluoranthene

22.786min (+0.012) 2.66ng/ul m S.J 03/07/16

response 25364

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	29.47#
125.00	10.60	23.72#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 04 06:35:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : P009-SS002-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	37380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	179461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	106389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	216237	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	150964	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	143204	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	1979	2.85	ng/uL	0.00
5) Phenol-d5	6.84	99	60185	19.98	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.93	67	27473	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	54491	20.29	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	53843	20.28	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	27681	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	33074	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	58544	21.08	ng/ul	0.05
29) 4-Chloroaniline-d4	10.54	131	27283	7.99	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	189782	21.45	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	232684	21.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	454	0.35	ng/ul	-0.09
58) Fluorene-d10	15.26	176	165846	21.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	25006	17.81	ng/ul	0.00
71) Anthracene-d10	17.12	188	232007	21.93	ng/ul	0.00
79) Pyrene-d10	19.43	212	202583	24.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	164767	21.63	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.43	128	28780	2.92	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	25349	3.43	ng/ul	100
45) Dimethylphthalate	13.72	163	71291	7.66	ng/ul	99
70) Phenanthrene	17.06	178	65818	5.08	ng/ul	98
72) Anthracene	17.15	178	17975m	1.37	ng/ul	
77) Fluoranthene	19.09	202	39558	2.83	ng/ul	98
80) Pyrene	19.46	202	71490	6.53	ng/ul	99
83) Benzo(a)anthracene	21.22	228	25575	2.62	ng/ul#	82
85) Chrysene	21.26	228	32068	3.43	ng/ul#	87
88) Benzo(b)fluoranthene	22.79	252	25364m	2.66	ng/ul	
91) Benzo(a)pyrene	23.35	252	27076	3.00	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	25.68	276	17900	1.99	ng/ul	96
94) Benzo(g,h,i)perylene	26.36	276	33193	4.39	ng/ul	93

S J 03/07/16

S.J 03/07/16

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 04 06:35:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:15 PM