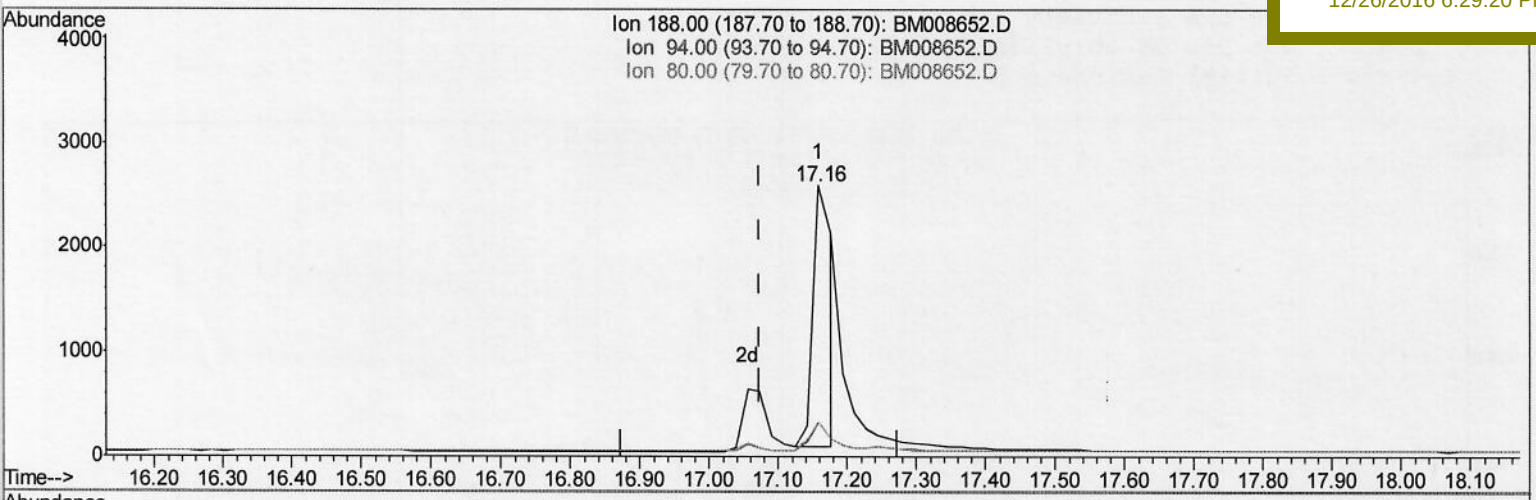
Quantitation Report (Qedit)

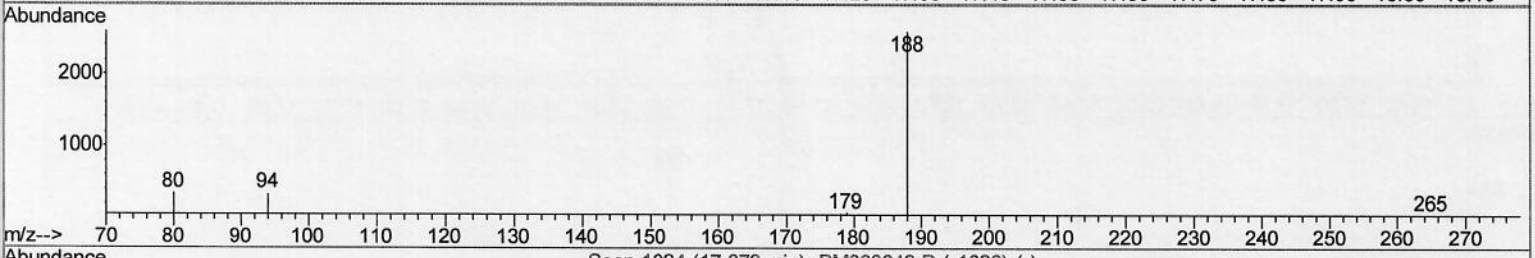
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

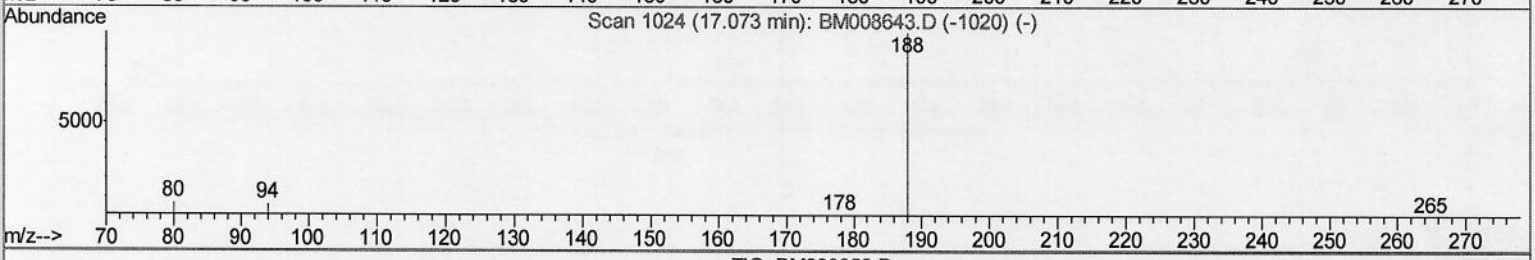
Quant Time: Dec 26 00:59:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM







TIC: BM008652.D

(10) Phenanthrene-d10 (I)

17.159min (+0.086) 0.40ng/ul

response 4884

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.84
80.00	11.80	12.95
0.00	0.00	0.00

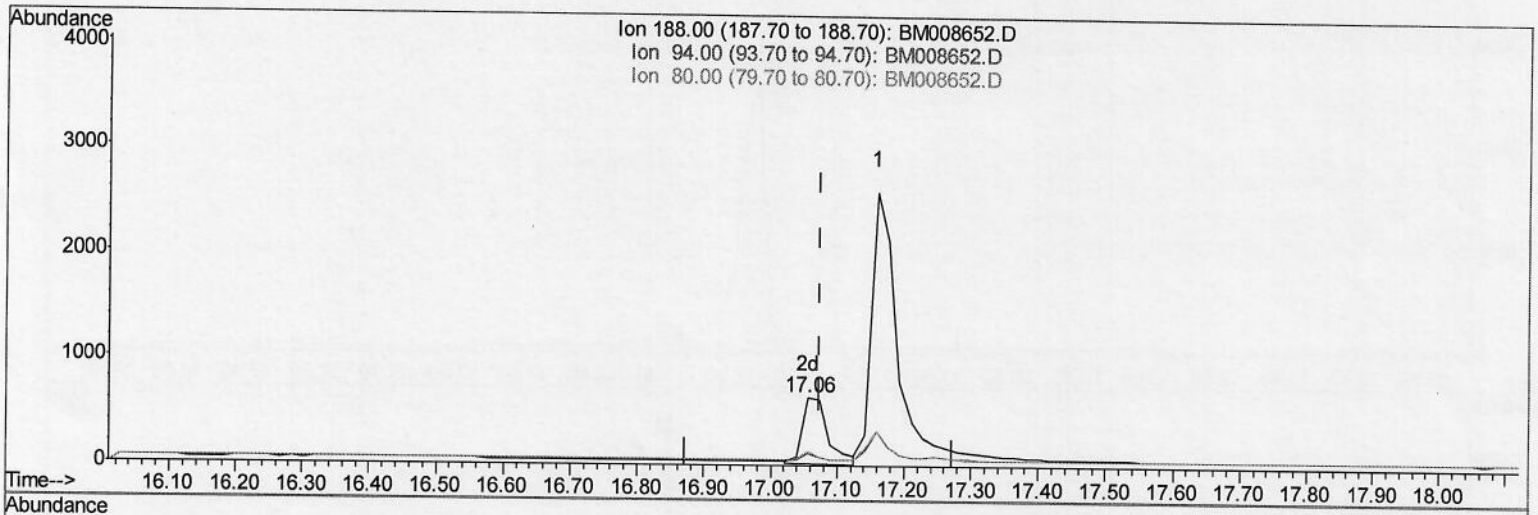
Quantitation Report (Qedit)

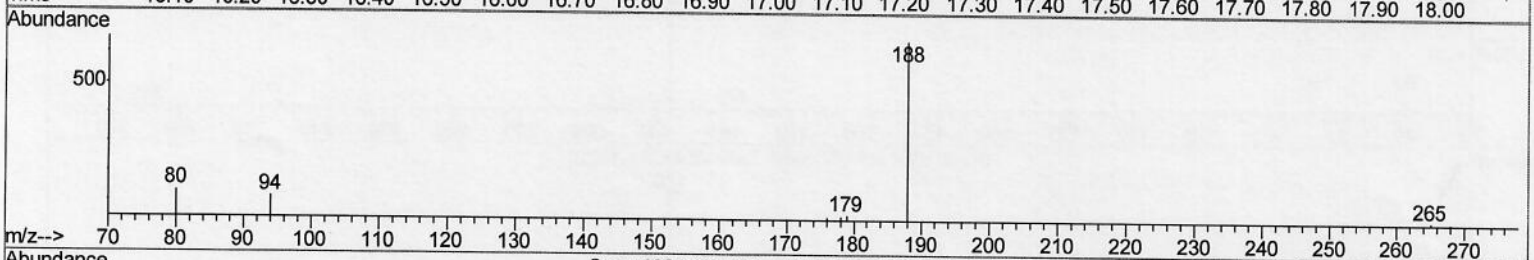
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

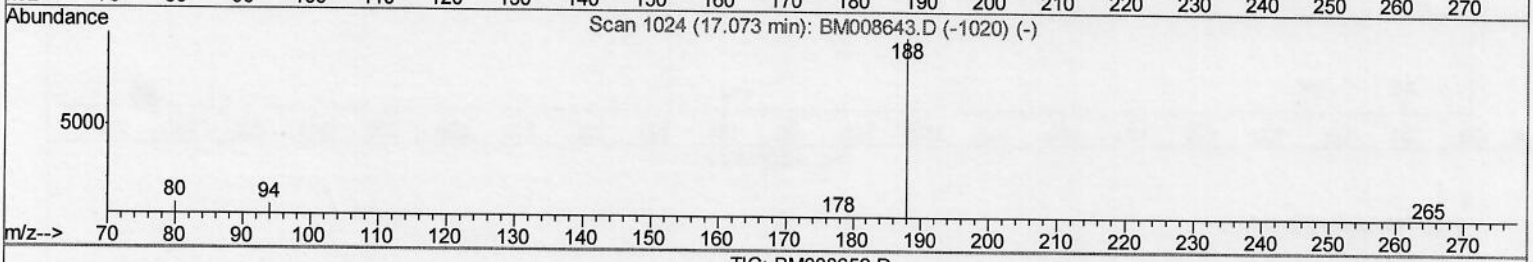
Quant Time: Dec 26 00:59:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM







TIC: BM008652.D

(10) Phenanthrene-d10 (I)

17.056min (-0.017) 0.40ng/ul m

response 1715

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	17.97#
80.00	11.80	20.58#
0.00	0.00	0.00

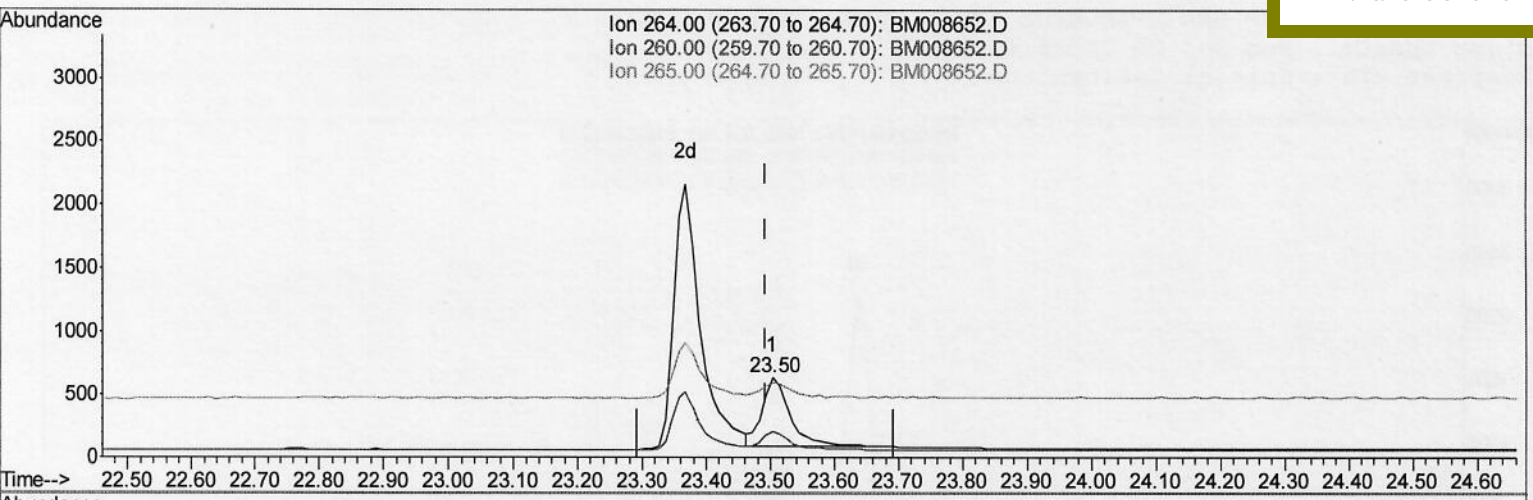
Quantitation Report (Qedit)

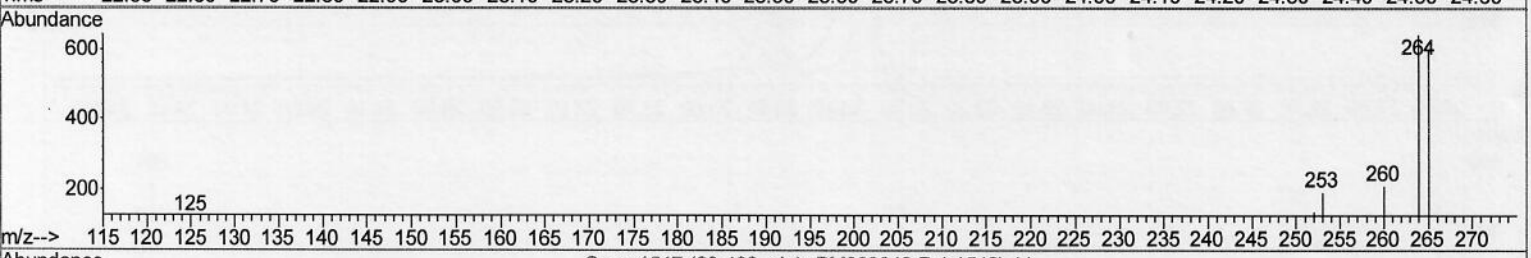
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

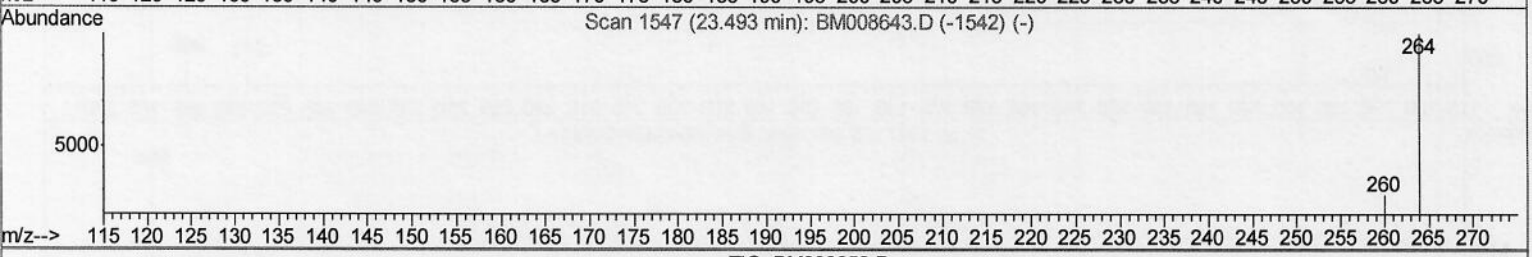
Quant Time: Dec 26 00:59:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM







TIC: BM008652.D

(20) Perylene-d12 (I)

23.503min (+0.011) 0.40ng/ul

response 1653

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.76
265.00	103.50	93.45
0.00	0.00	0.00

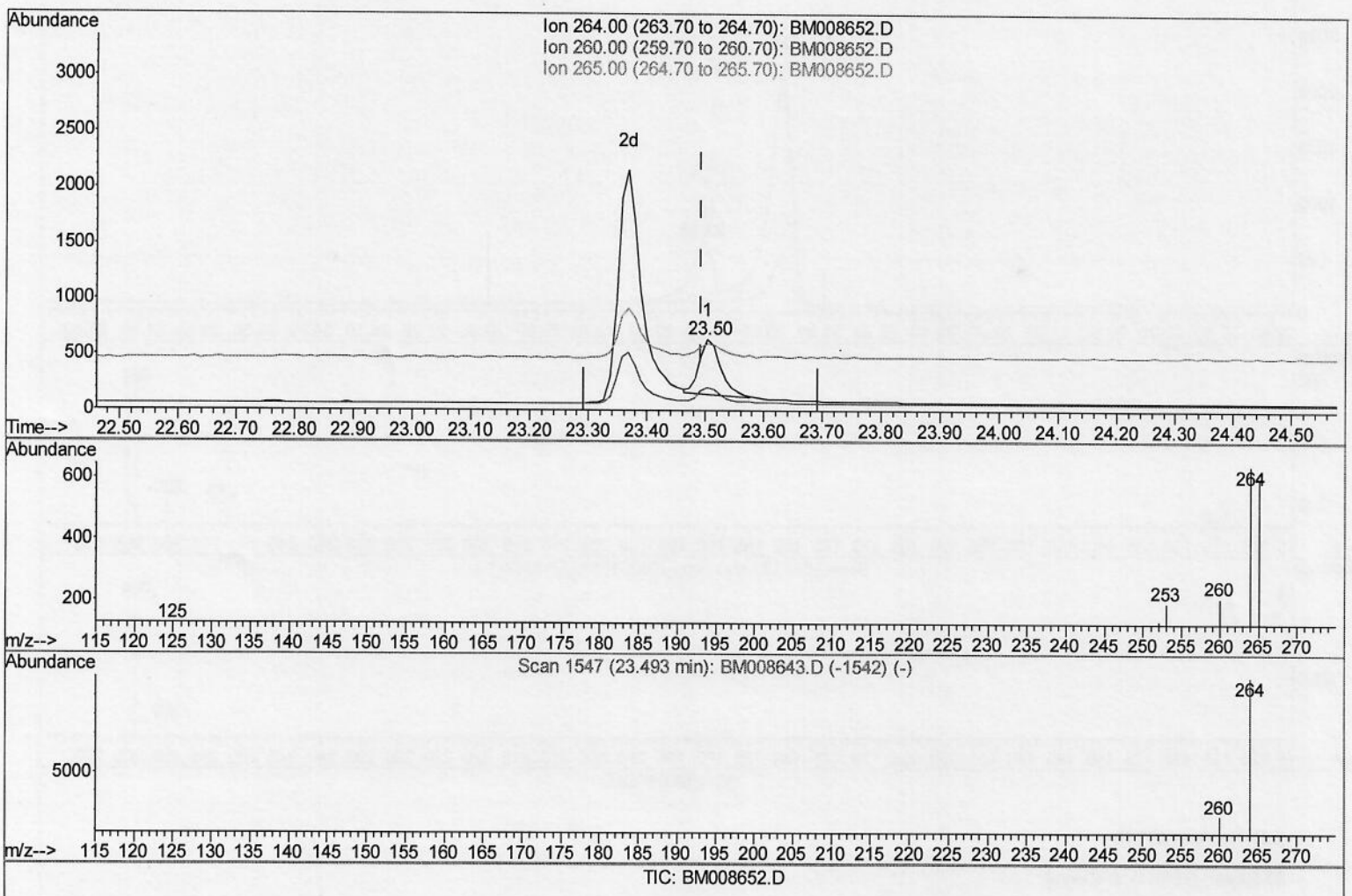
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 26 00:59:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM



TIC: BM008652.D

(20) Perylene-d12 (I)

23.503min (+0.011) 0.40ng/ul m

response 1254

S.J 12/27/16

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.76
265.00	103.50	93.45
0.00	0.00	0.00

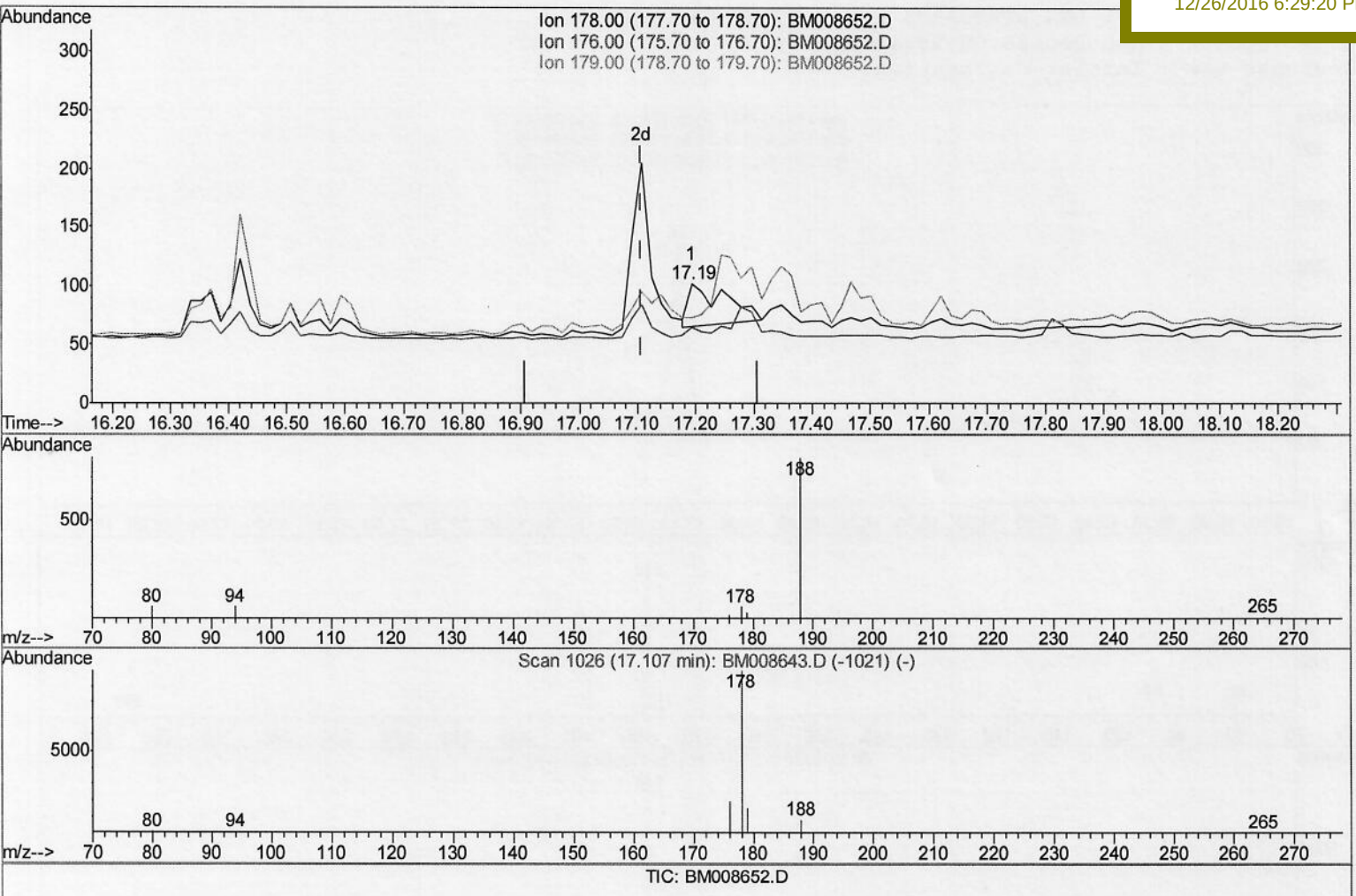
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 26 02:35:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM



TIC: BM008652.D

(12) Phenanthrene

17.193min (+0.086) 0.03ng/ul

response 167

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	62.75#
179.00	17.00	71.57#
0.00	0.00	0.00

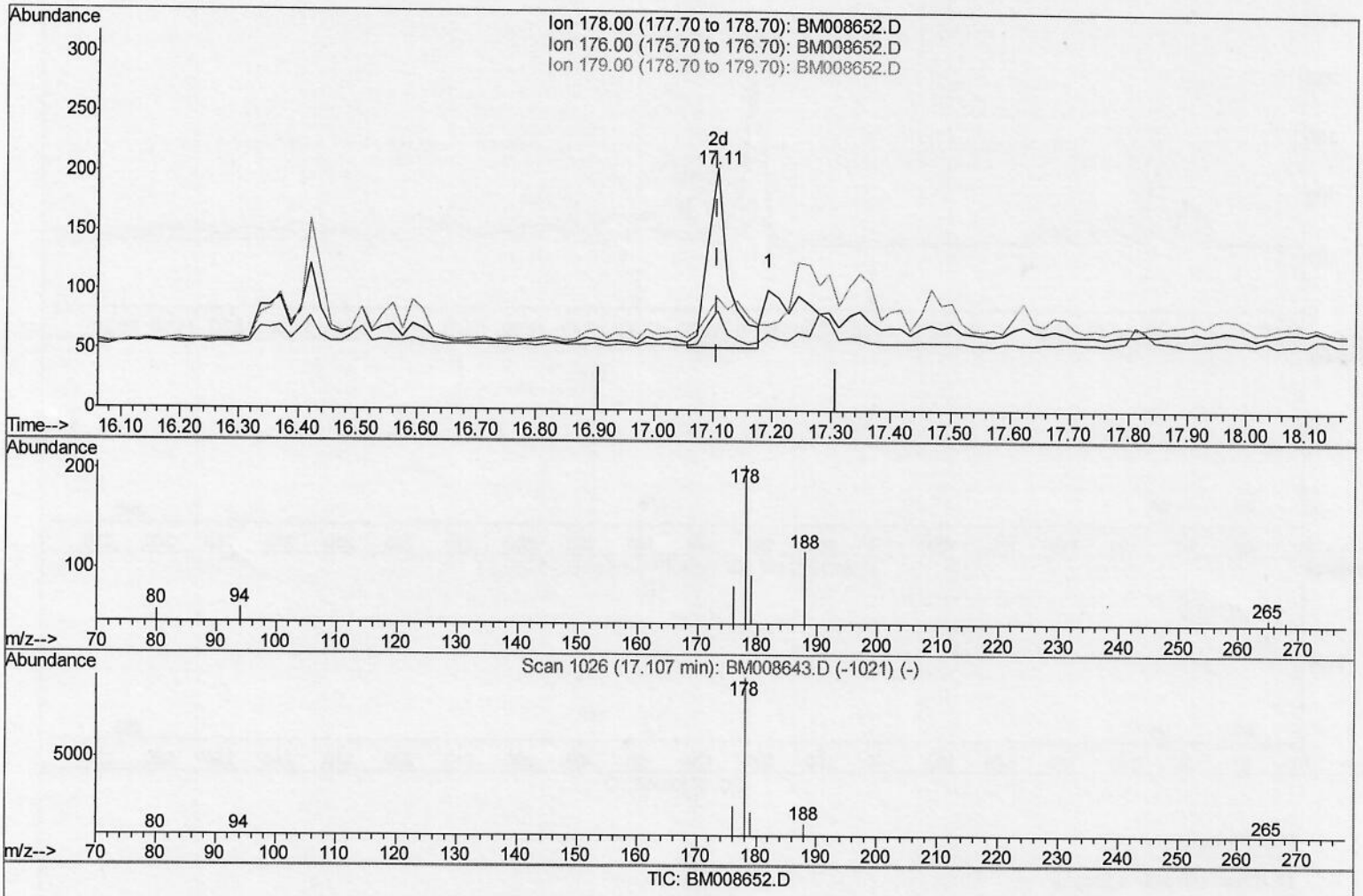
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 26 02:35:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM



TIC: BM008652.D

(12) Phenanthrene

17.107min (+0.000) 0.07ng/ul m

response 384

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	40.98#
179.00	17.00	46.34#
0.00	0.00	0.00

> S.J
12/27/16

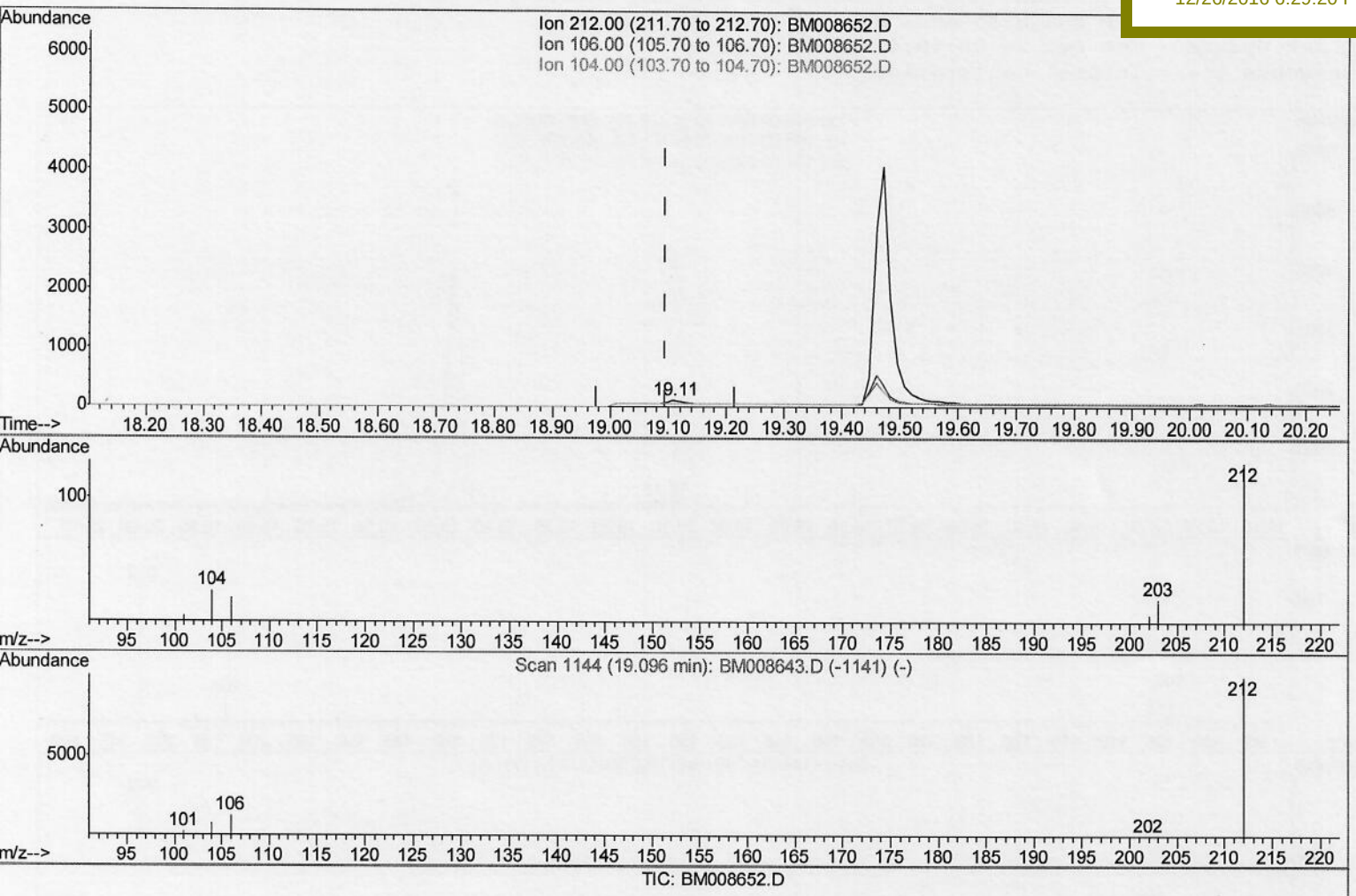
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 26 02:35:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM



TIC: BM008652.D

(14) Fluoranthene-d10 (SURR)

19.108min (+0.012) 0.02ng/ul

response 99

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

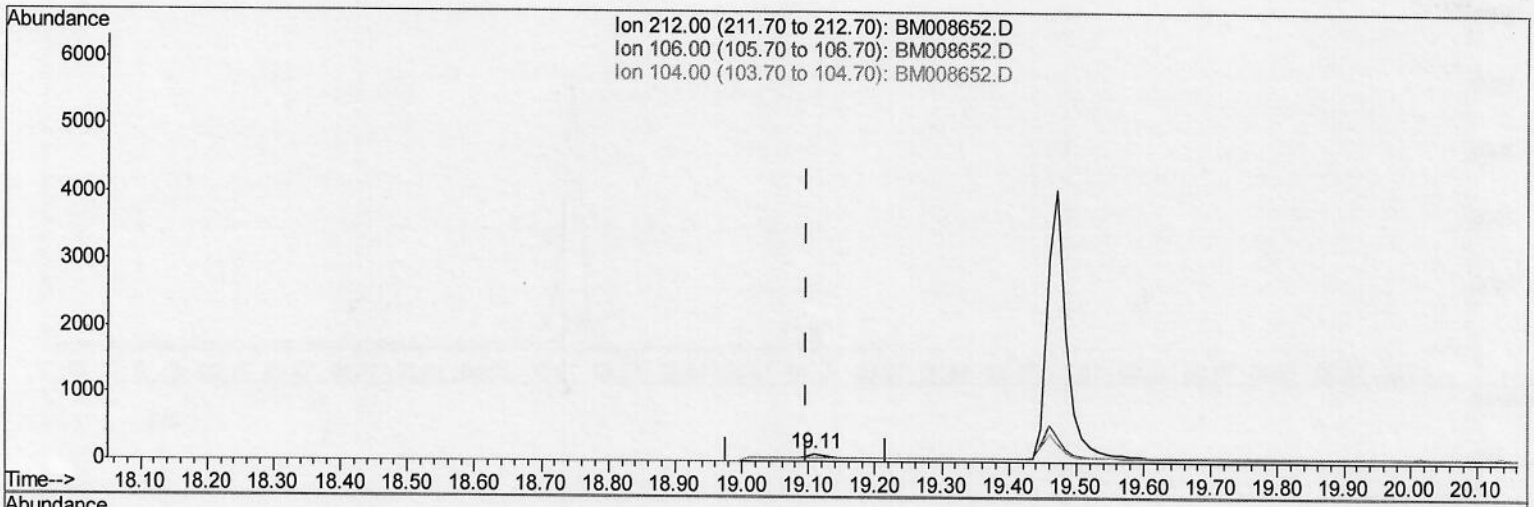
Quantitation Report (Qedit)

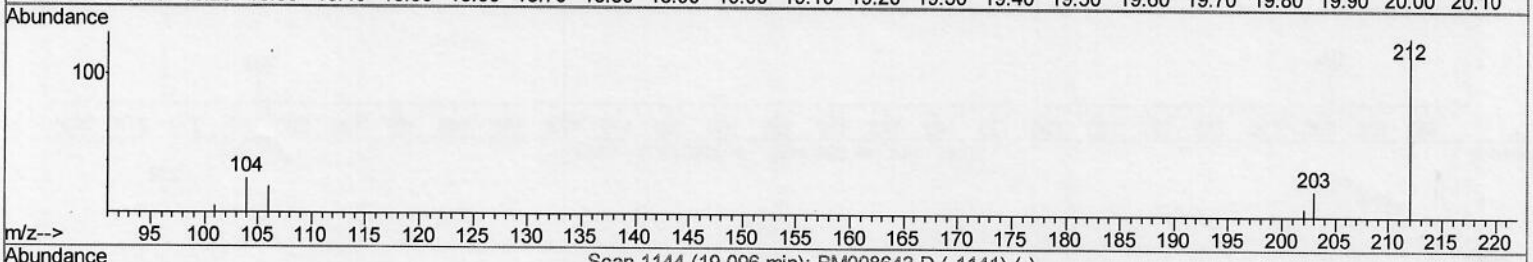
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

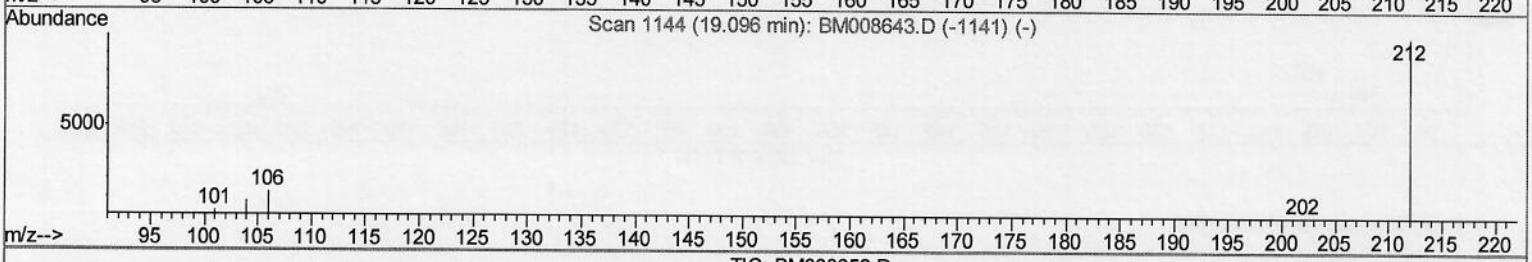
Quant Time: Dec 26 02:35:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM







TIC: BM008652.D

(14) Fluoranthene-d10 (SURR)

19.108min (+0.012) 0.03ng/ul m

response 123

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

> S.T
12/27/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 26 02:37:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	398	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1345	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	811	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1715m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1533	0.40	ng/ul	0.02
20) Perylene-d12	23.50	264	1254m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	51	0.02	ng/ul	-0.06
14) Fluoranthene-d10	19.11	212	123m	0.03	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1519	0.40	ng/ul#	88
5) 2-Methylnaphthalene	12.09	142	1808	0.71	ng/ul	94
8) Acenaphthene	14.35	153	299	0.11	ng/ul#	84
9) Fluorene	15.36	166	792	0.25	ng/ul#	84
12) Phenanthrene	17.11	178	384m	0.07	ng/ul	

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

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM

S.J 12/27/16

S.J 12/27/16

S.J 12/27/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008652.D
Acq On : 25 Dec 2016 03:06
Operator : UM/SJ
Sample : H5995-06DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 26 02:37:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA868DL

Manual Integrations APPROVED
sohil
12/26/2016 6:29:20 PM