

Quantitation Report (QT Reviewed)

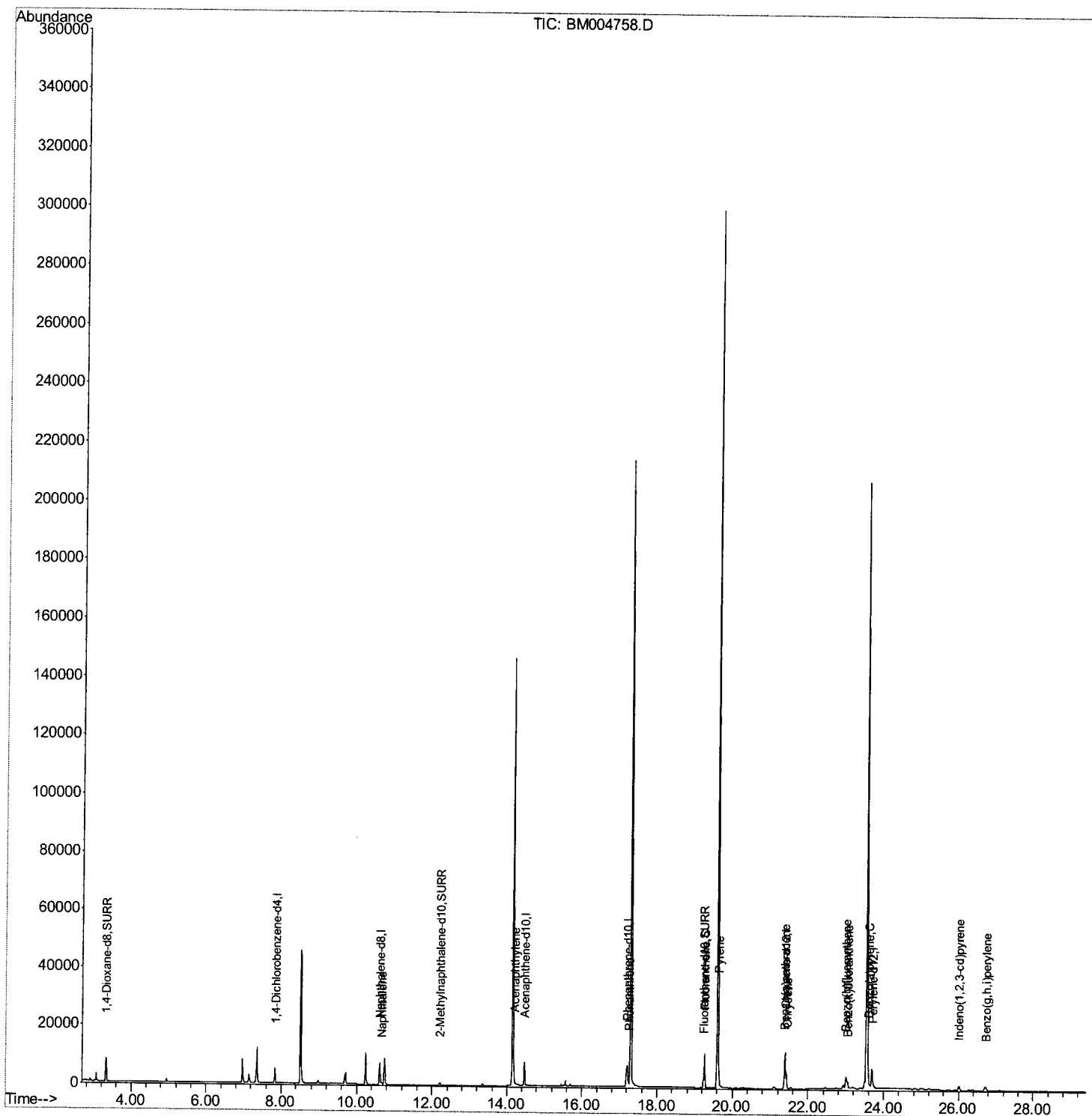
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004758.D
 Acq On : 24 Mar 2016 20:12
 Operator : UM/SJ
 Sample : H1909-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T38

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:31:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

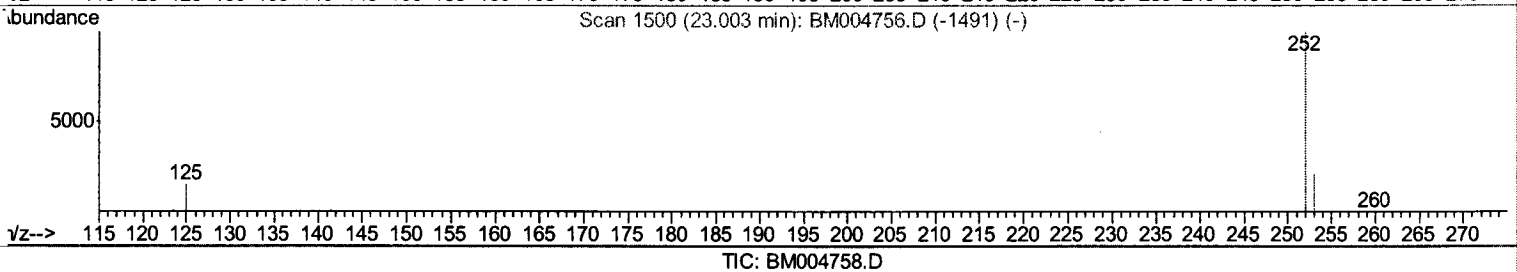
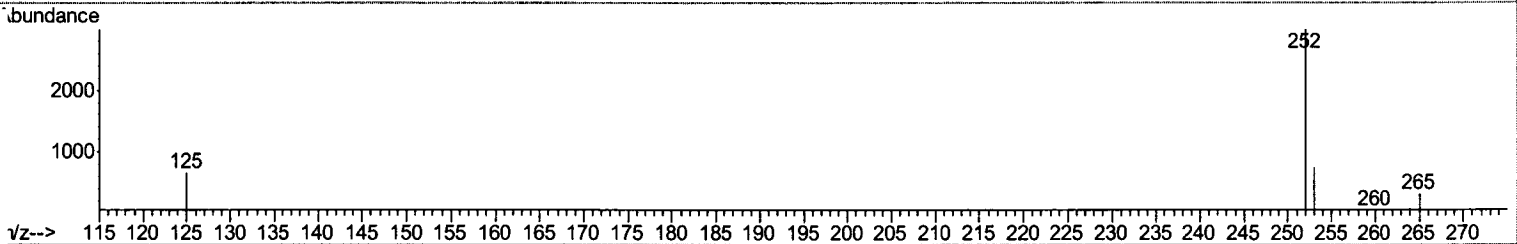
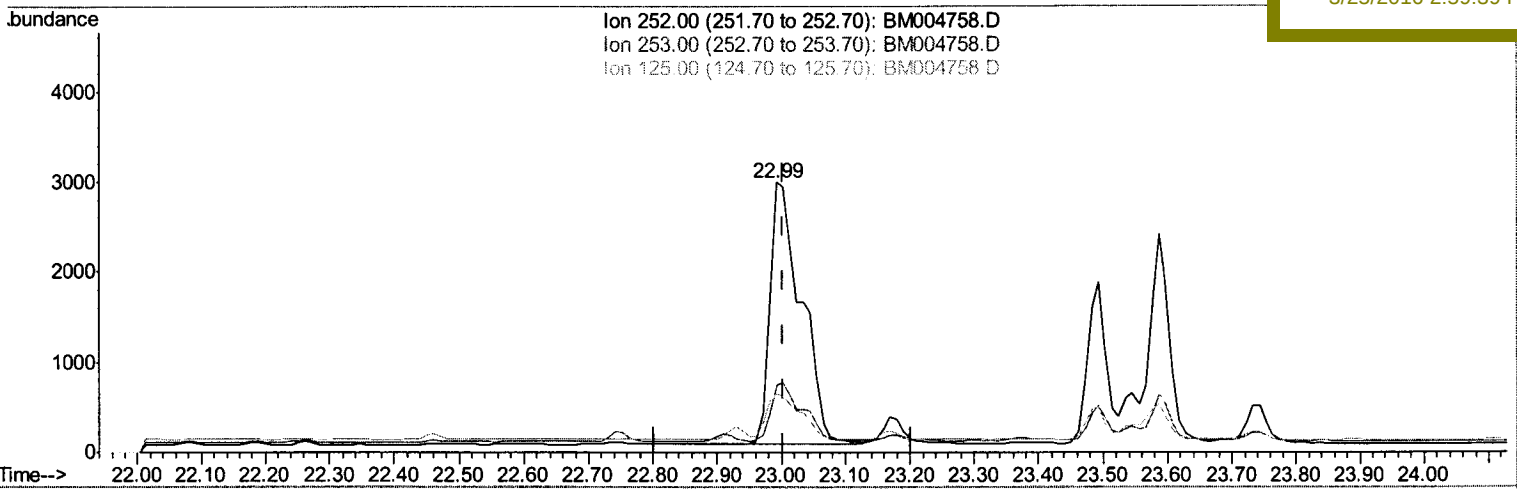
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004758.D
Acq On : 24 Mar 2016 20:12
Operator : UM/SJ
Sample : H1909-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T38

Manual Integrations
APPROVED

Sohil
3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:21:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration



TIC: BM004758.D

(23) Benzo(b)fluoranthene

22.993min (-0.010) 0.27ng/ul

response 9758

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.87
125.00	14.40	21.77
0.00	0.00	0.00

Quantitation Report (Qedit)

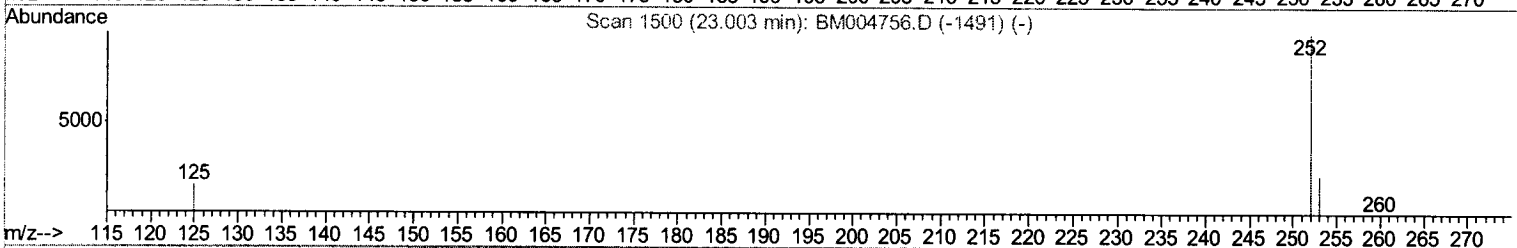
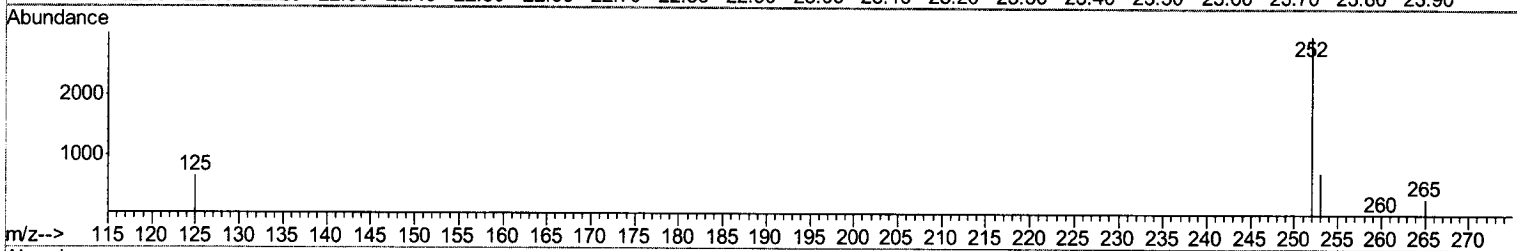
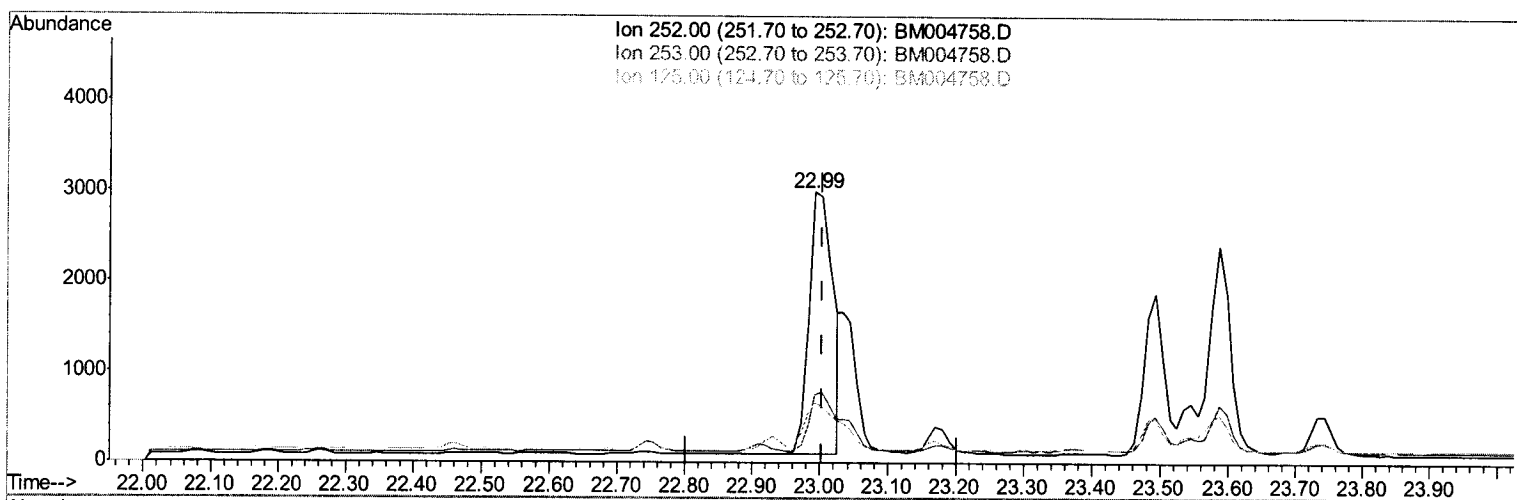
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004758.D
 Acq On : 24 Mar 2016 20:12
 Operator : UM/SJ
 Sample : H1909-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T38

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:21:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

22.993min (-0.010) 0.20ng/ul m

response 7100

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.87
125.00	14.40	21.77
0.00	0.00	0.00

U.M
 04/05/16

Quantitation Report (Qedit)

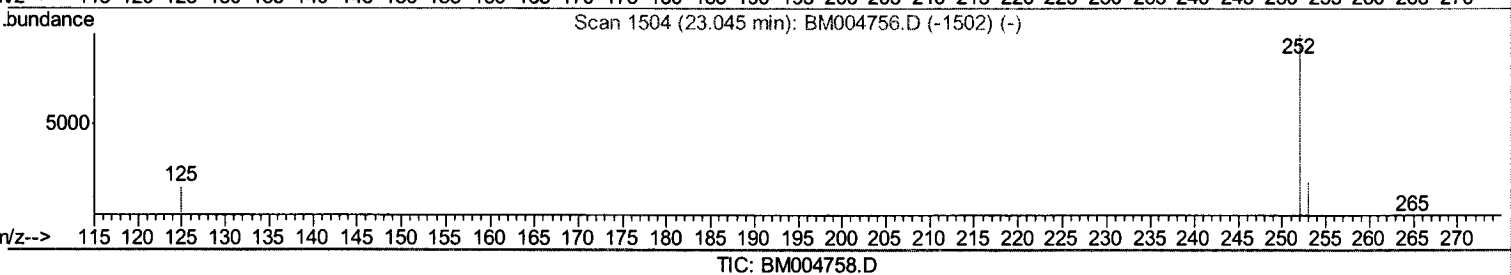
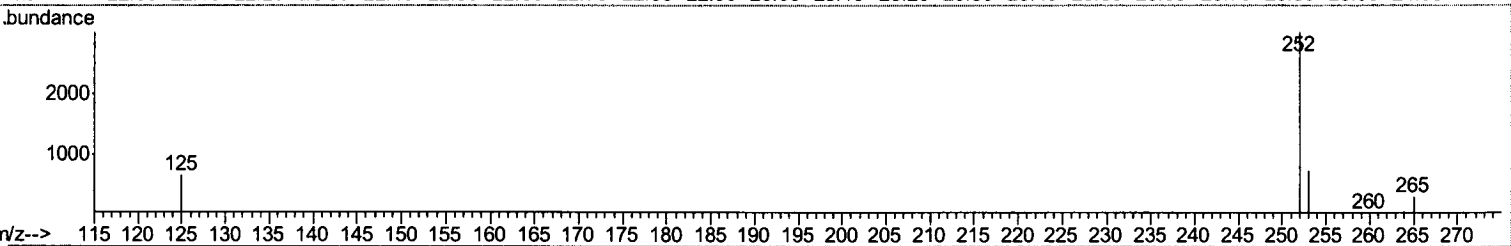
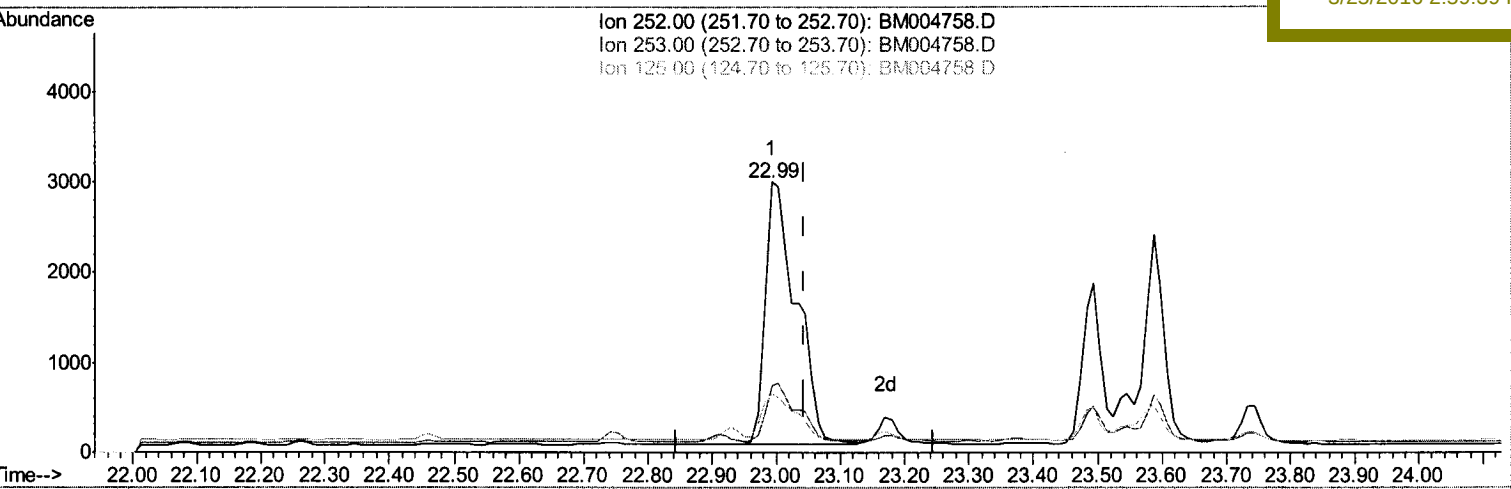
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004758.D
Acq On : 24 Mar 2016 20:12
Operator : UM/SJ
Sample : H1909-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T38

Manual Integrations
APPROVED

Sohil
3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:21:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.993min (-0.052) 0.26ng/ul

response 9758

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.87
125.00	13.00	21.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

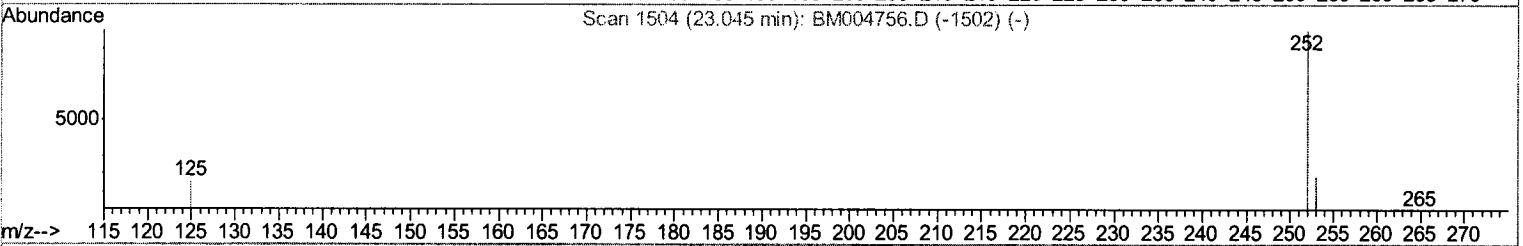
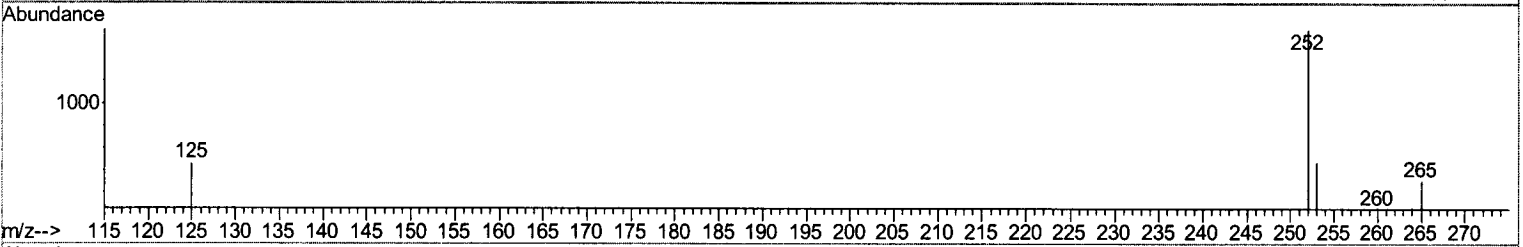
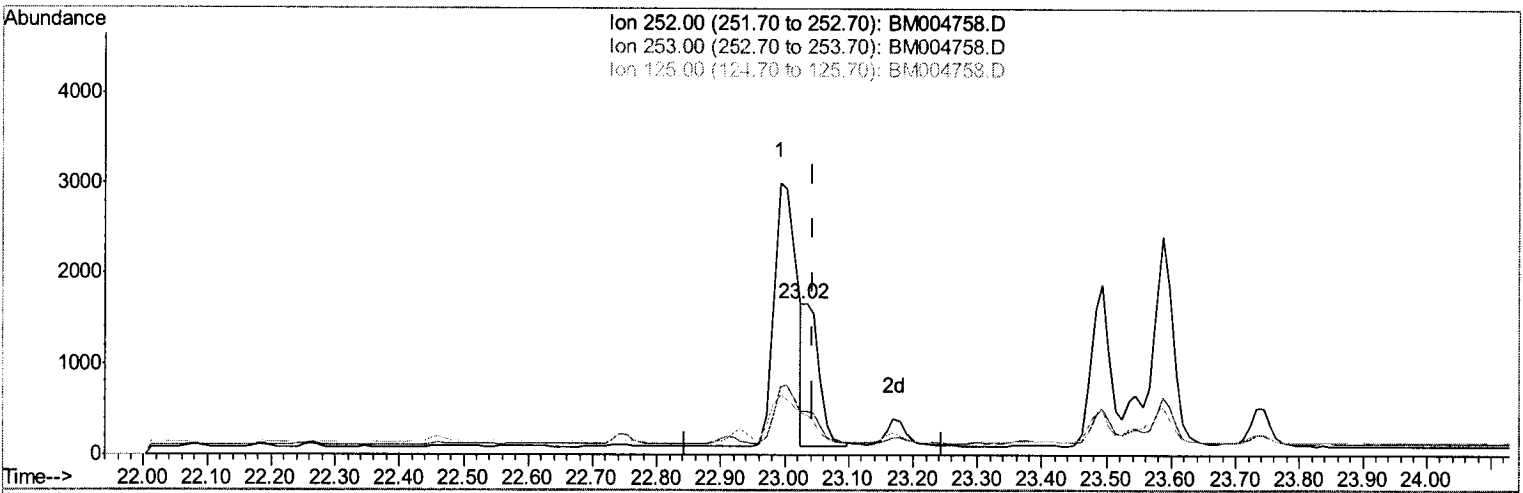
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004758.D
 Acq On : 24 Mar 2016 20:12
 Operator : UM/SJ
 Sample : H1909-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T38

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:21:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration



TIC: BM004758.D

(24) Benzo(k)fluoranthene

23.024min (-0.021) 0.07ng/ul m

response 2606

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	28.91
125.00	13.00	27.47#
0.00	0.00	0.00

> $\frac{U \cdot M}{04 | 05 | 16}$

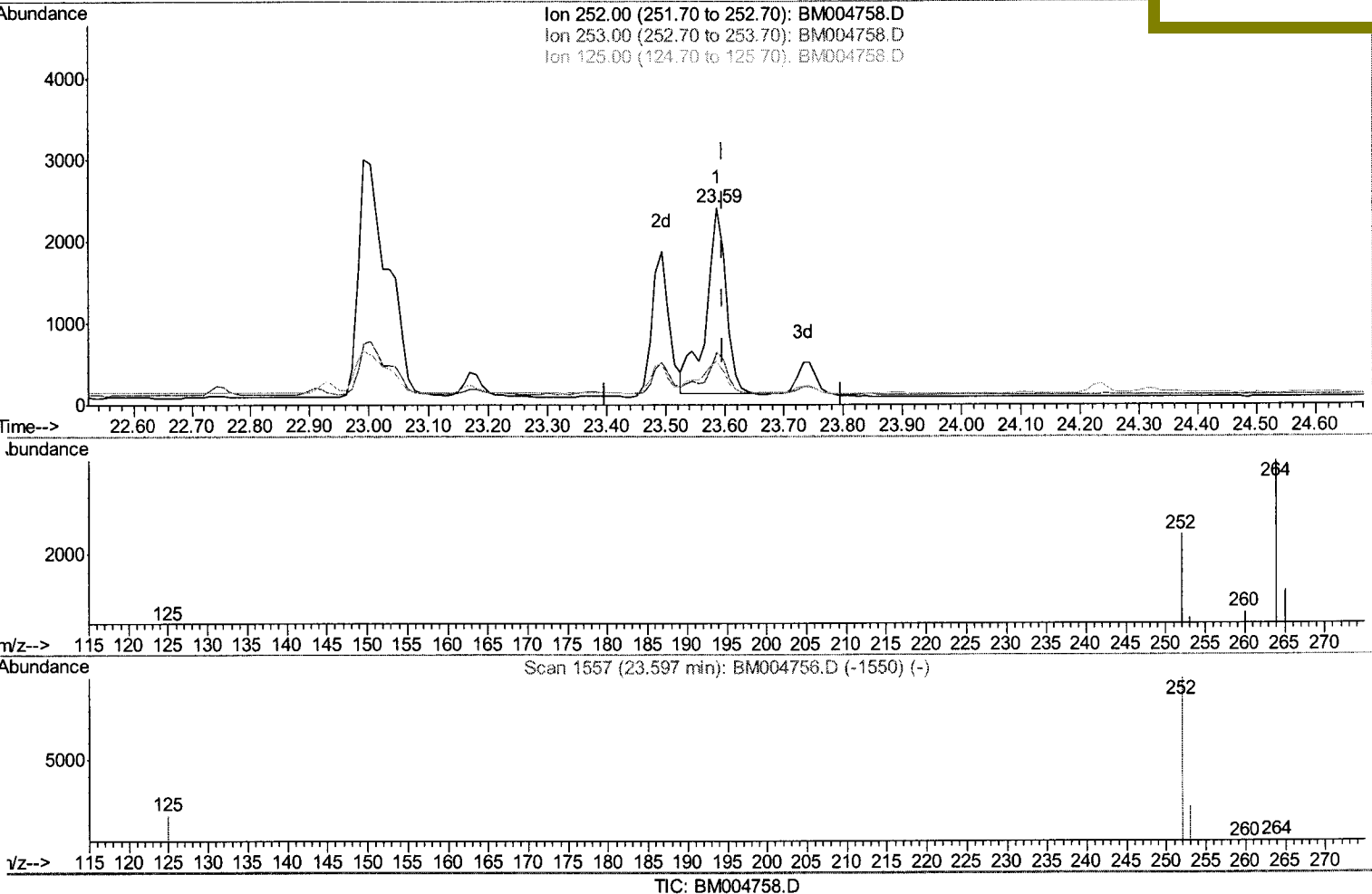
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004758.D
Acq On : 24 Mar 2016 20:12
Operator : UM/SJ
Sample : H1909-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T38

Manual Integrations
APPROVED

Sohil
3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:21:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration



(25) Benzo(a)pyrene (C)

23.587min (-0.010) 0.18ng/ul

response 5435

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	26.39
125.00	15.90	21.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

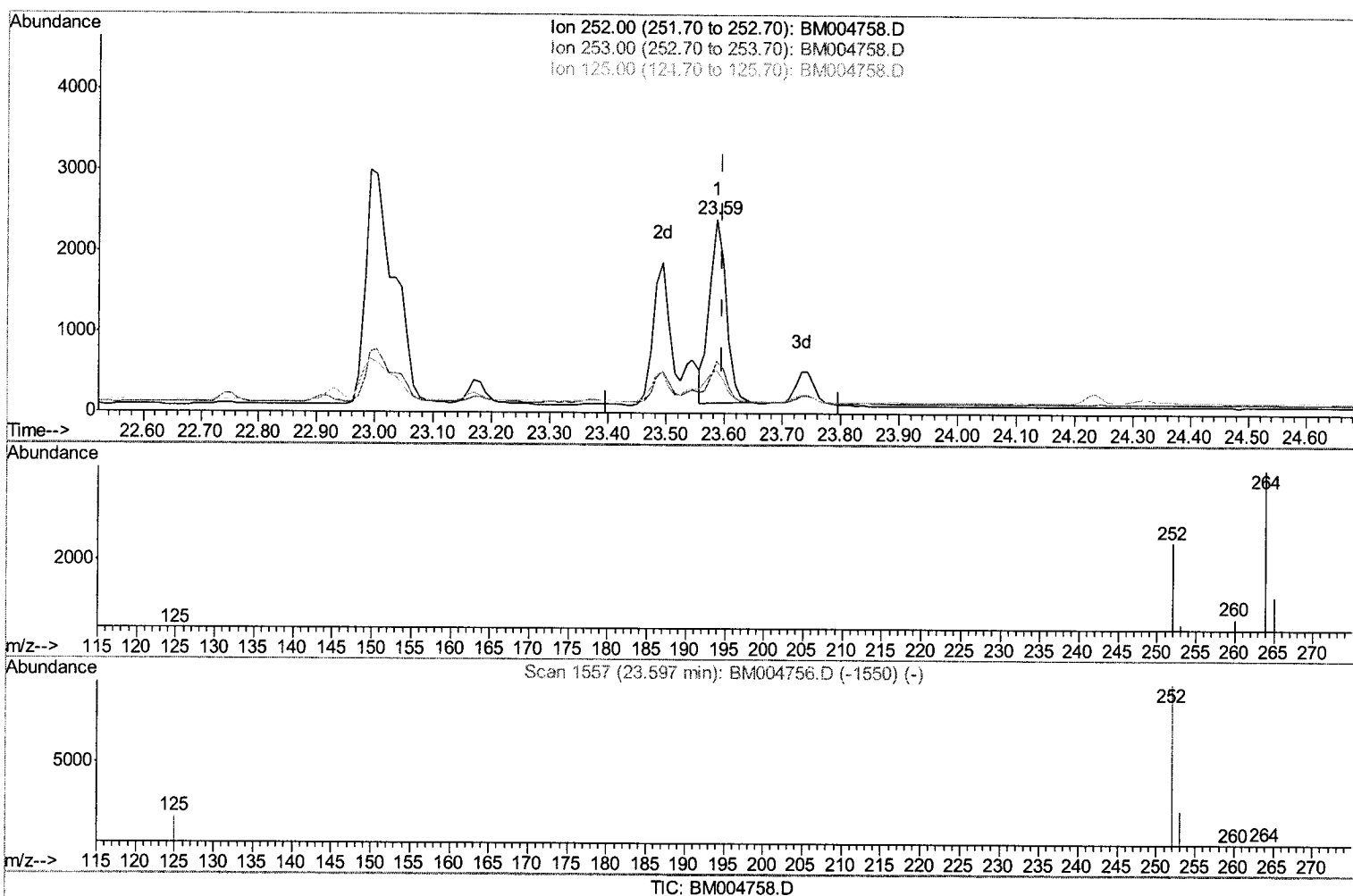
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004758.D
 Acq On : 24 Mar 2016 20:12
 Operator : UM/SJ
 Sample : H1909-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T38

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:39 PM

Quant Time: Mar 25 03:21:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration



(25) Benzo(a)pyrene (C)

23.587min (-0.010) 0.15ng/ul m

response 4575

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	26.39
125.00	15.90	21.83#
0.00	0.00	0.00

V.M
 04/05/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004758.D
 Acq On : 24 Mar 2016 20:12
 Operator : UM/SJ
 Sample : H1909-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T38

Quant Time: Mar 25 03:31:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 3/25/2016 2:59:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2706	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	10869	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	5553	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	11288	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	10311	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	10163	5.00	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.32	96	5715	4.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1718	0.14	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3544	0.16	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	10.67	128	903	0.04	ng/ul#	79
9) Acenaphthylene	14.18	152	665	0.03	ng/ul#	80
14) Phenanthrene	17.24	178	4125	0.13	ng/ul#	95
17) Fluoranthene	19.27	202	10630	0.33	ng/ul	96
19) Pyrene	19.63	202	11068	0.31	ng/ul	98
20) Benzo(a)anthracene	21.38	228	3781	0.15	ng/ul#	93
21) Chrysene	21.43	228	5642	0.17	ng/ul	94
23) Benzo(b)fluoranthene	22.99	252	7100m	0.20	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	2606m	0.07	ng/ul	
25) Benzo(a)pyrene	23.59	252	4575m	0.15	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	2899	0.09	ng/ul#	87
28) Benzo(g,h,i)perylene	26.72	276	2830	0.09	ng/ul#	86

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

U.M
 04/05/16