

Quantitation Report (QT Reviewed)

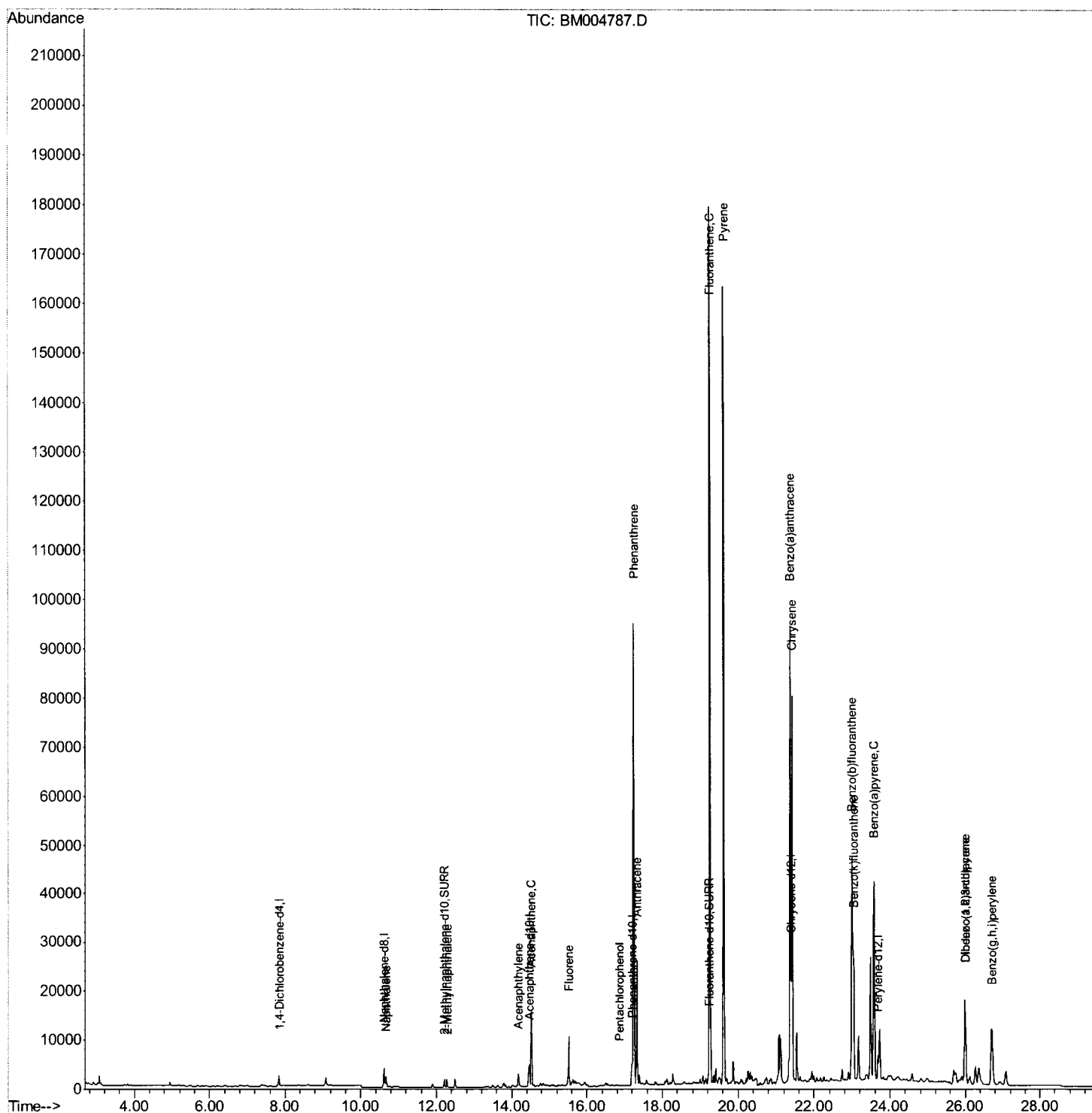
Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
 Data File : BM004787.D
 Acq On : 25 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:54 PM

Quant Time: Apr 05 19:25:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

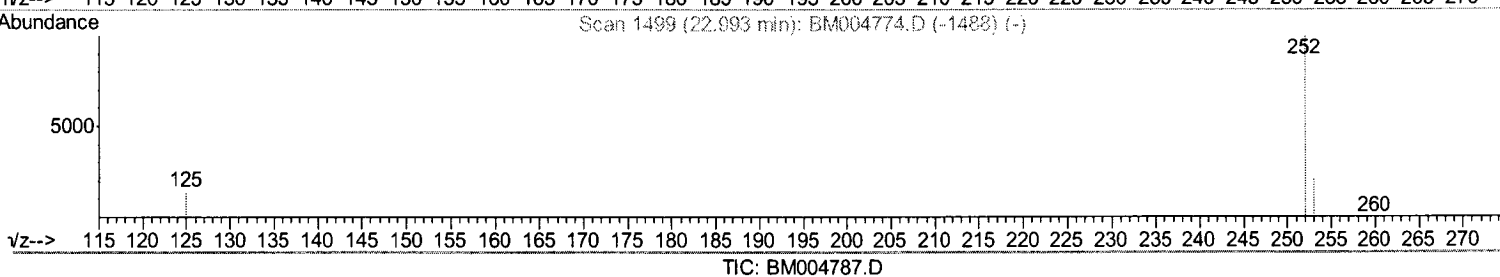
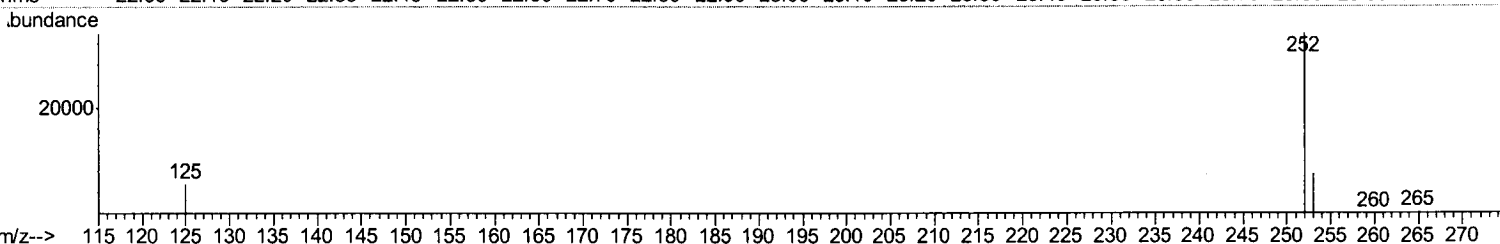
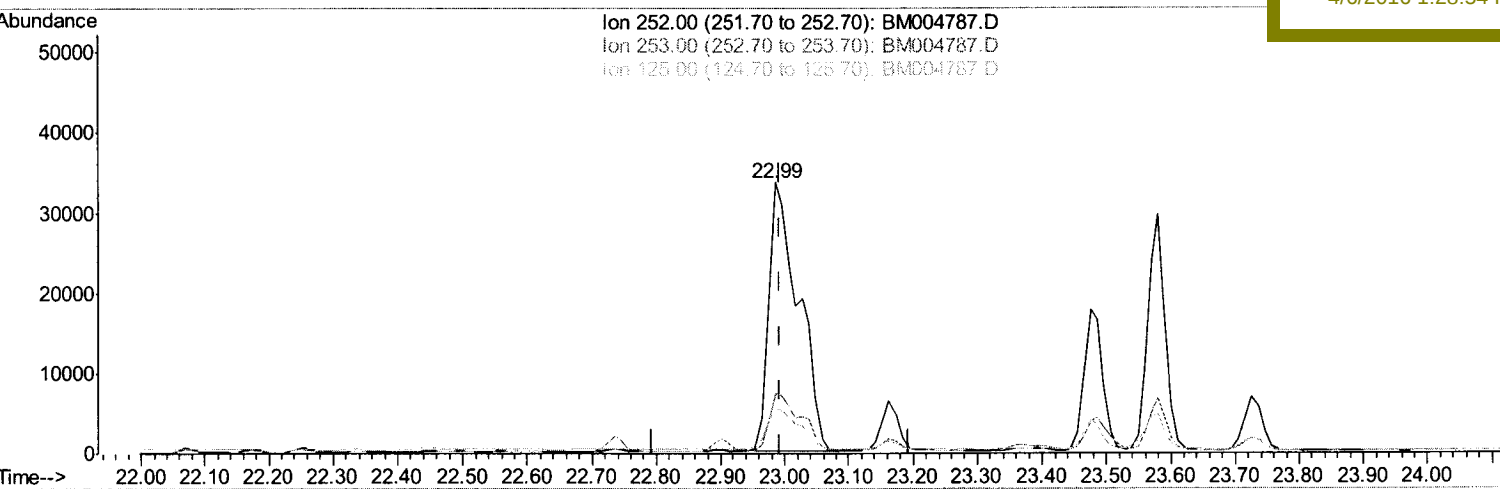
Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004787.D
Acq On : 25 Mar 2016 20:55
Operator : UM/SJ
Sample : H1909-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T45MSD

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:54 PM

Quant Time: Apr 05 19:25:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



(23) Benzo(b)fluoranthene

22.986min (-0.007) 4.84ng/ul

response 108105

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.43
125.00	14.40	16.83
0.00	0.00	0.00

Quantitation Report (Qedit)

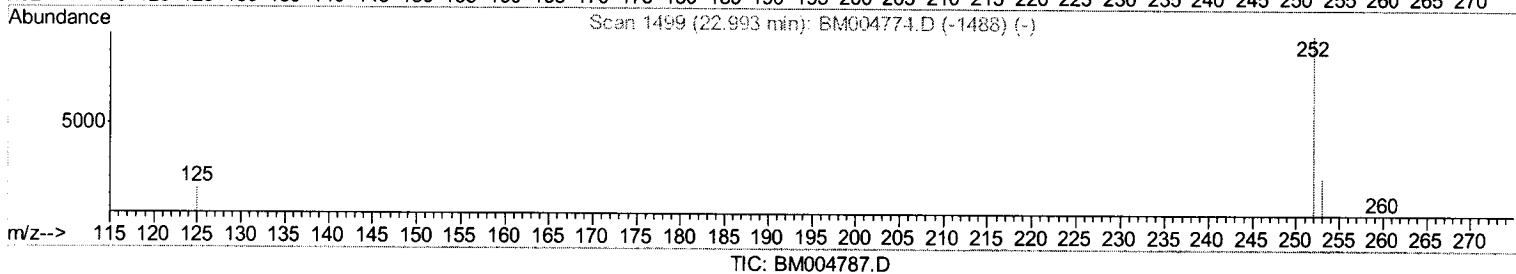
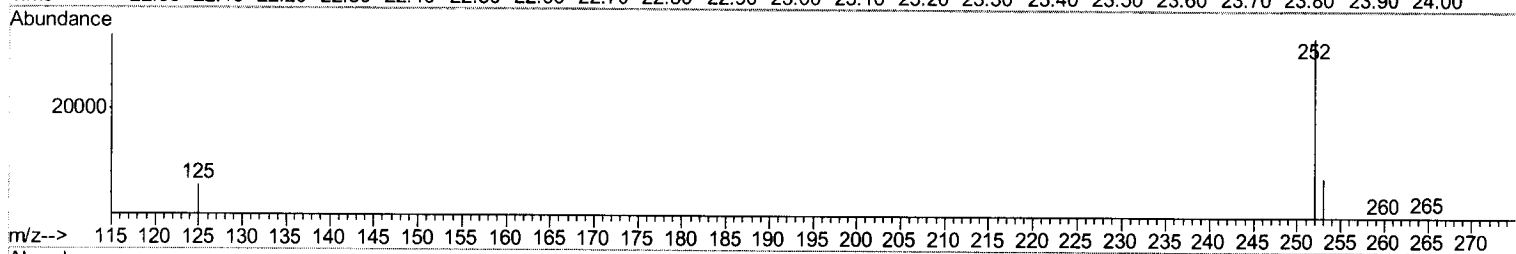
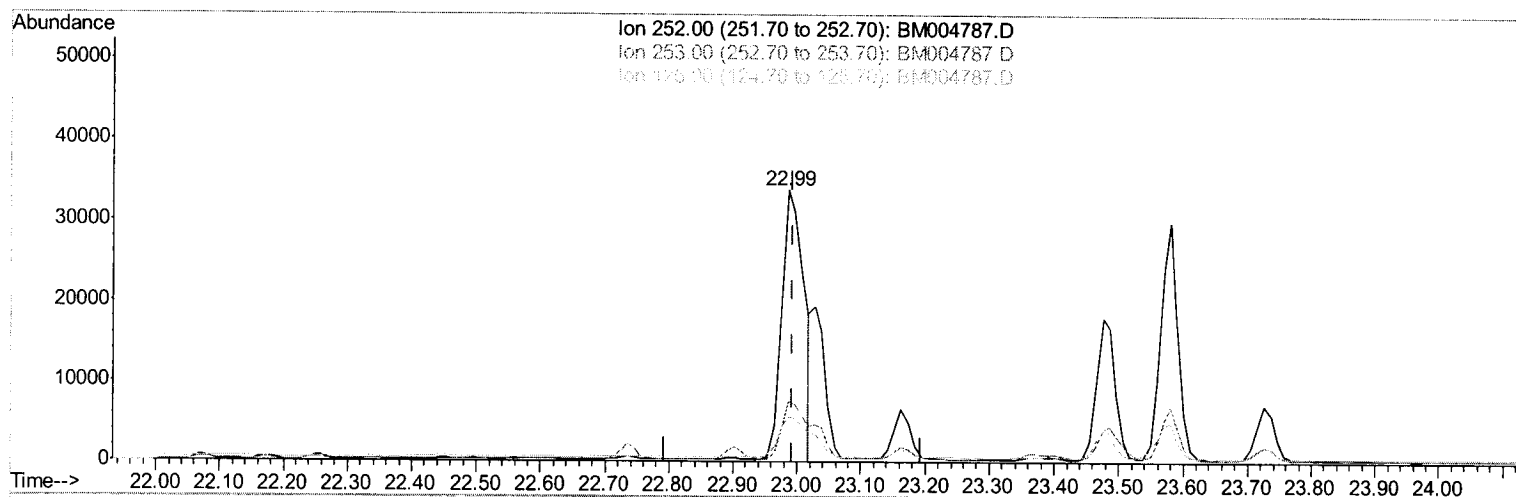
Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
 Data File : BM004787.D
 Acq On : 25 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:54 PM

Quant Time: Apr 05 19:25:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration



TIC: BM004787.D

(23) Benzo(b)fluoranthene

22.986min (-0.007) 3.65ng/ul m

response 81454

U.M
 04/07/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.43
125.00	14.40	16.83
0.00	0.00	0.00

Quantitation Report (Qedit)

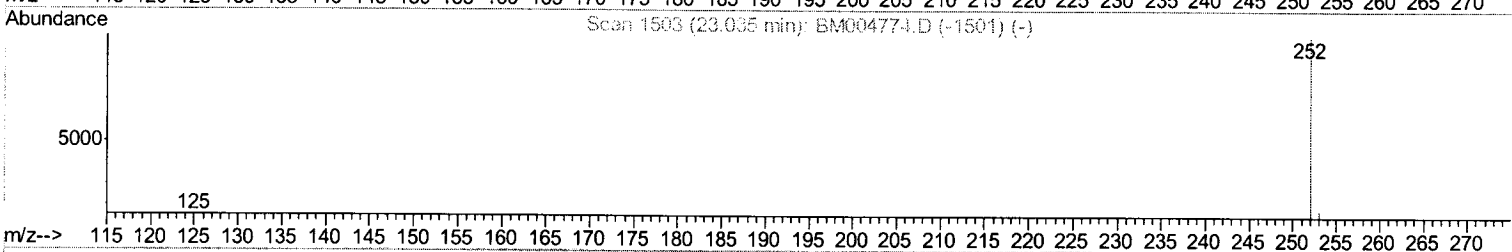
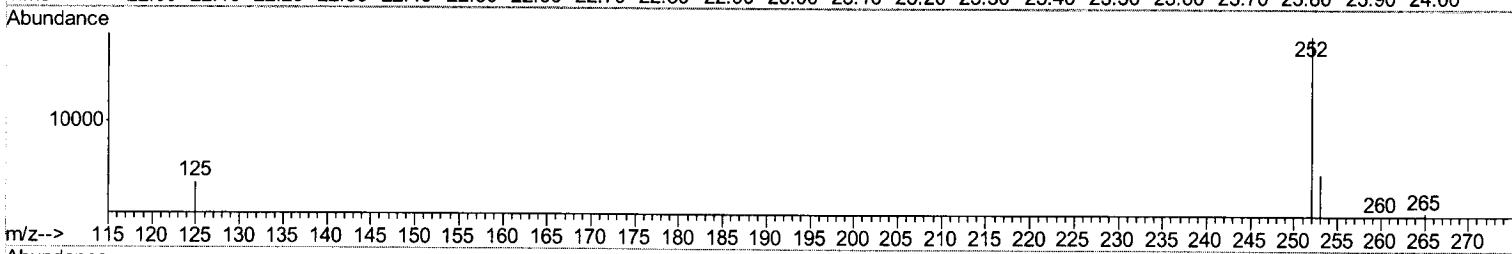
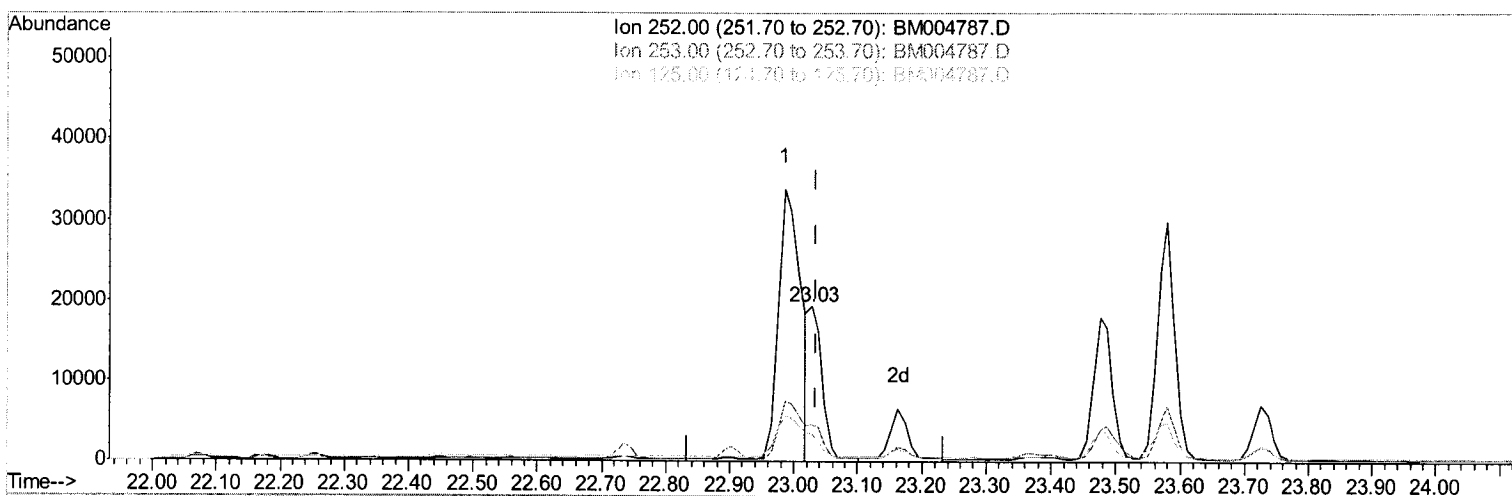
Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
 Data File : BM004787.D
 Acq On : 25 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:54 PM

Quant Time: Apr 05 19:25:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration



TIC: BM004787.D

(24) Benzo(k)fluoranthene

23.027min (-0.007) 1.40ng/ul m

response 28976

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.75
125.00	13.00	17.69#
0.00	0.00	0.00

U.M
 04/07/16

Quantitation Report (Qedit)

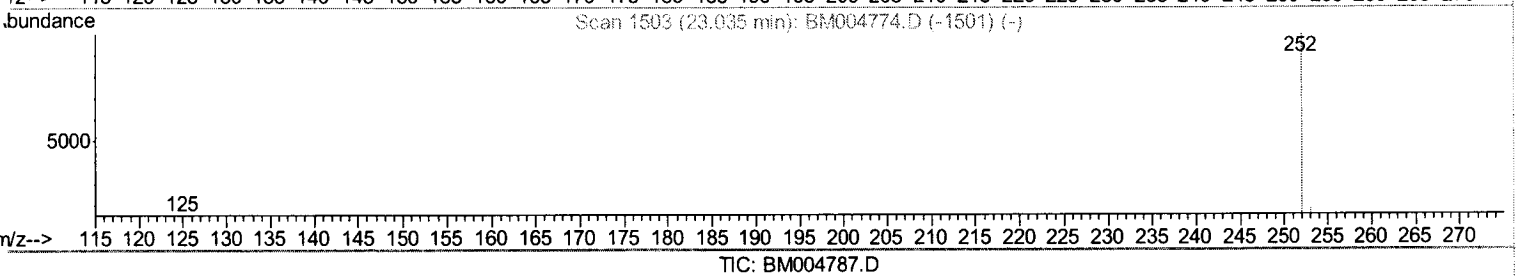
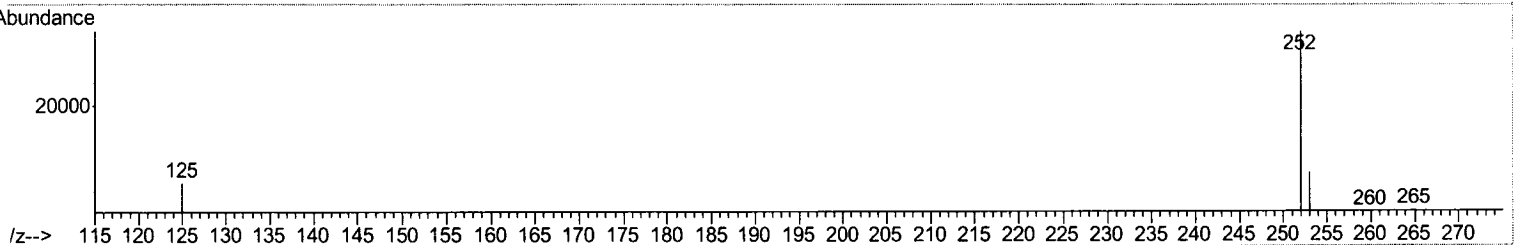
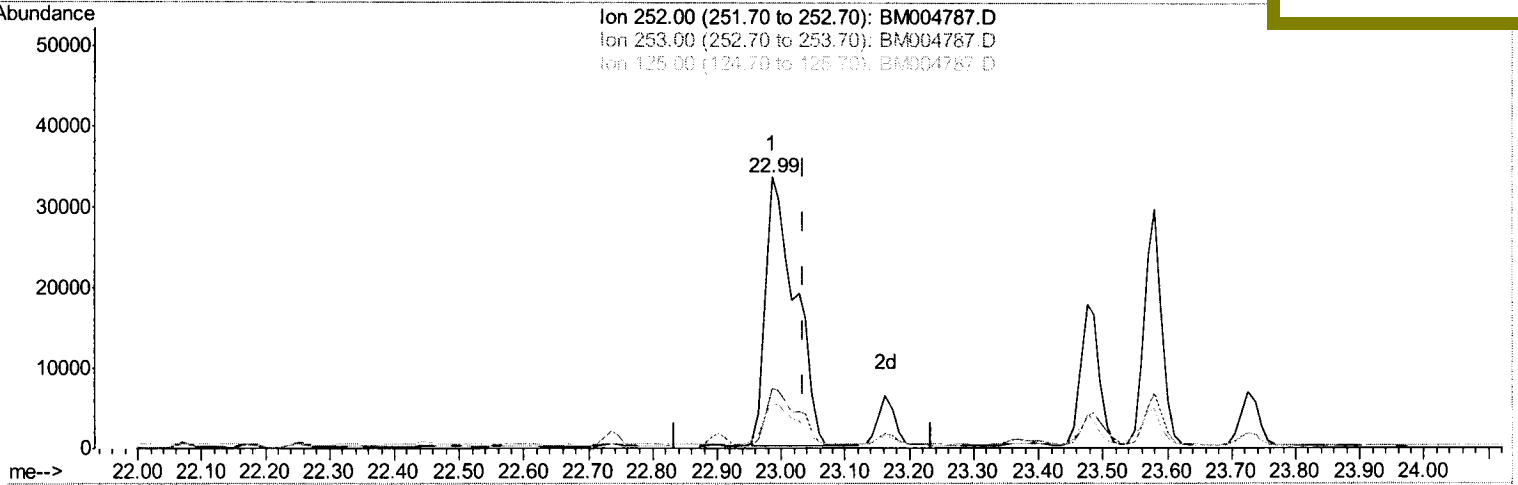
Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
 Data File : BM004787.D
 Acq On : 25 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:54 PM

Quant Time: Apr 05 19:25:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

22.986min (-0.049) 5.22ng/ul

response 108105

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.43
125.00	13.00	16.83#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004787.D
 Acq On : 25 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1909-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MSD

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:54 PM

Quant Time: Apr 11 11:55:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1236	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5712	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3346	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	7501	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7624	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	6629	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.40	96	8	0.01	ng/uL	0.08
6) 2-Methylnaphthalene-d10	12.21	152	2354	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6073	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.67	128	2950	0.21	ng/ul#	92
7) 2-Methylnaphthalene	12.28	142	1235	0.12	ng/ul	99
9) Acenaphthylene	14.18	152	3236	0.21	ng/ul#	94
10) Acenaphthene	14.52	153	8928	0.82	ng/ul	91
11) Fluorene	15.51	166	6752	0.52	ng/ul	92
14) Phenanthrene	17.24	178	105609	5.01	ng/ul	96
15) Anthracene	17.33	178	28941	1.45	ng/ul	96
17) Fluoranthene	19.26	202	181915	7.58	ng/ul	94
19) Pyrene	19.62	202	171416	6.57	ng/ul	98
20) Benzo(a)anthracene	21.37	228	80824	3.45	ng/ul#	92
21) Chrysene	21.42	228	75174	3.32	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	81454m	3.65	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	28976m	1.40	ng/ul	
25) Benzo(a)pyrene	23.58	252	56066	2.75	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	26.00	276	26840	1.42	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.01	278	6654	0.45	ng/ul#	82
28) Benzo(g,h,i)perylene	26.72	276	23660	1.51	ng/ul	95

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

U.M.
 04/07/2016