

Quantitation Report (QT Reviewed)

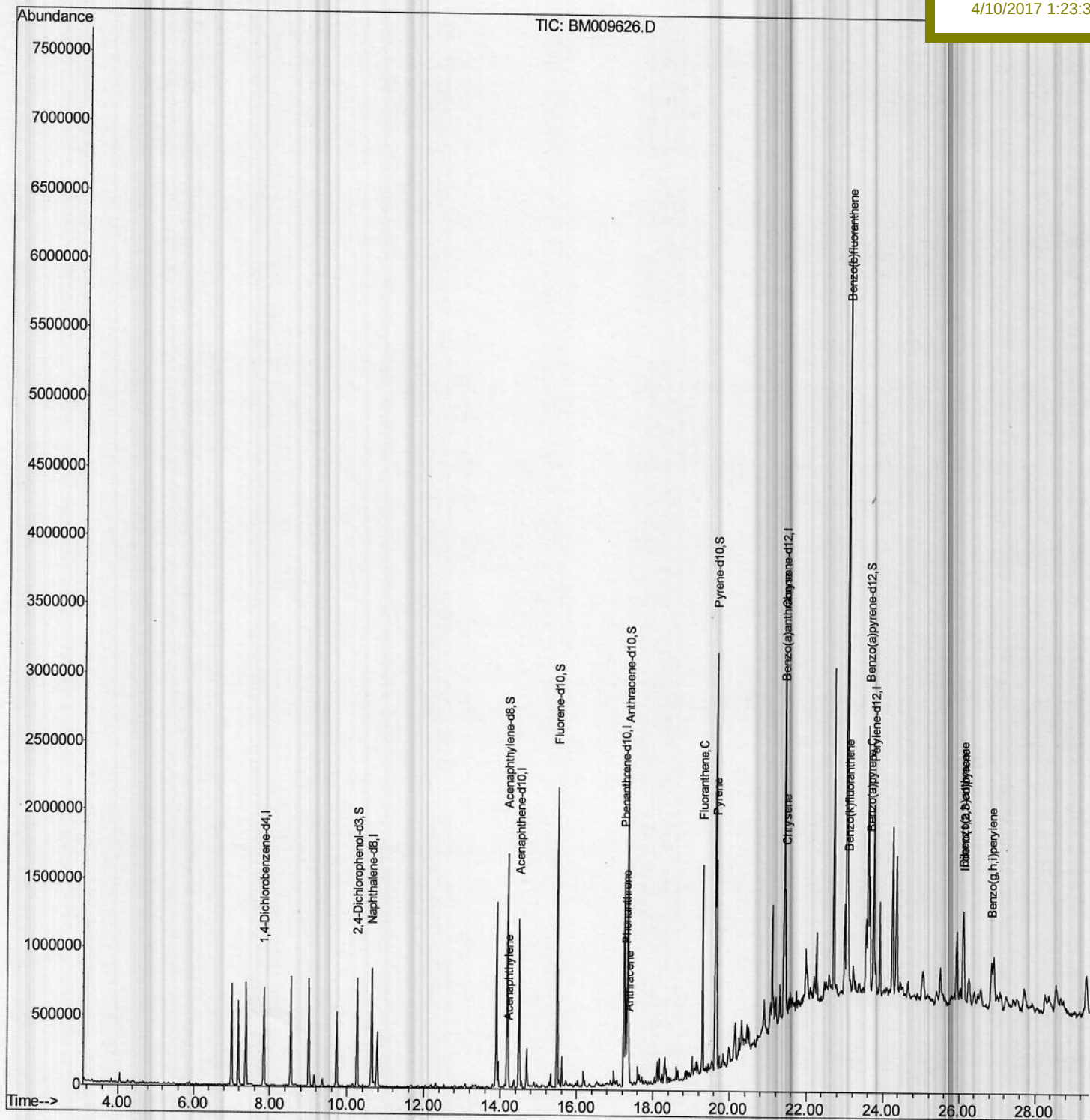
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
Client Sample Id :
 CB376

Quant Time: Apr 07 14:04:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
 4/10/2017 1:23:30 PM



Quantitation Report (Qedit)

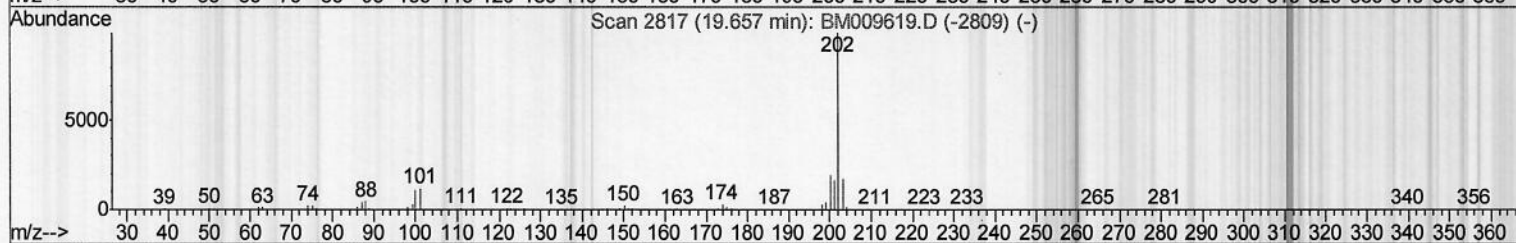
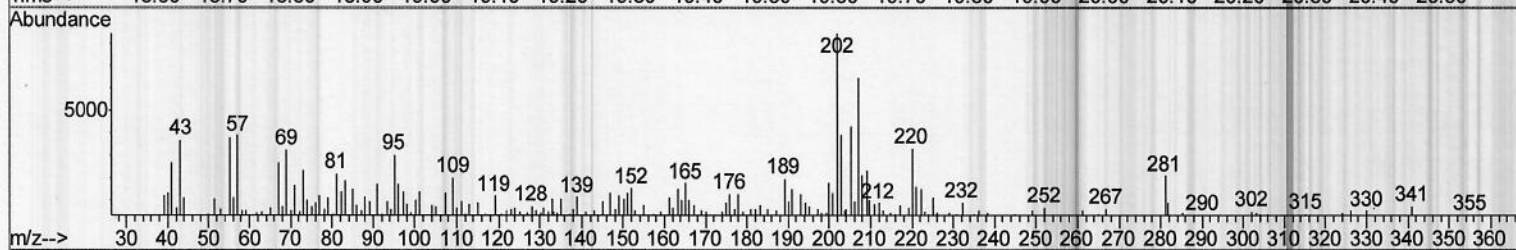
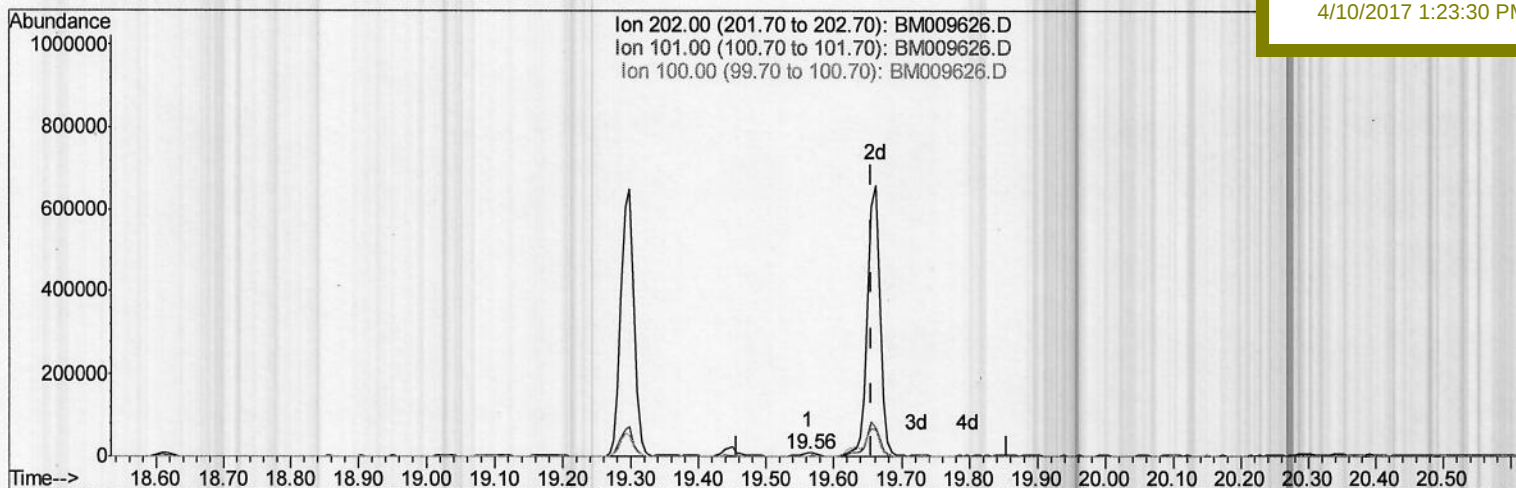
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
Data File : BM009626.D
Acq On : 07 Apr 2017 13:26
Operator : SJ/MA
Sample : I2526-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 07 14:01:50 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB376

Manual Integrations
APPROVED

mohammad
4/10/2017 1:23:30 PM



TIC: BM009626.D

(20) Pyrene

19.562min (-0.094) 0.20ng/ul

response 11403

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	15.92
100.00	12.20	11.76
0.00	0.00	0.00

Quantitation Report (Qedit)

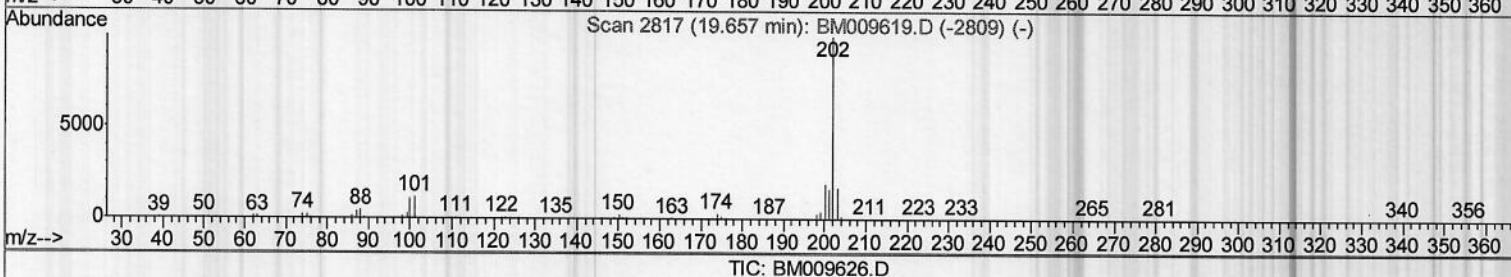
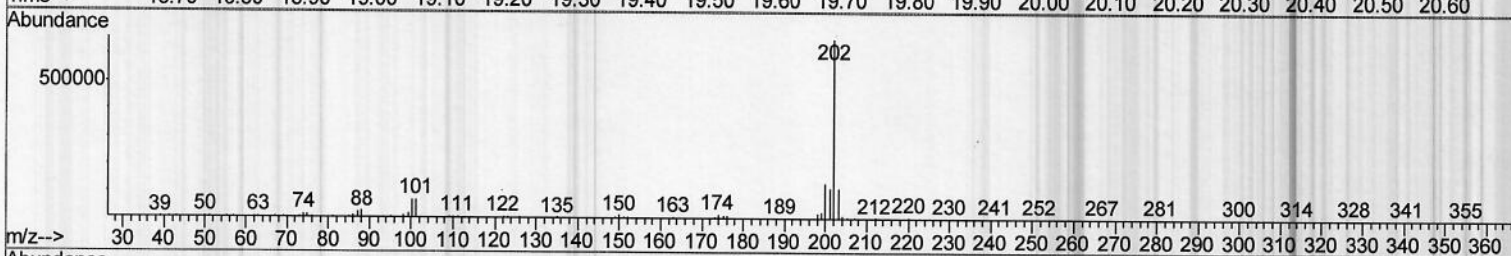
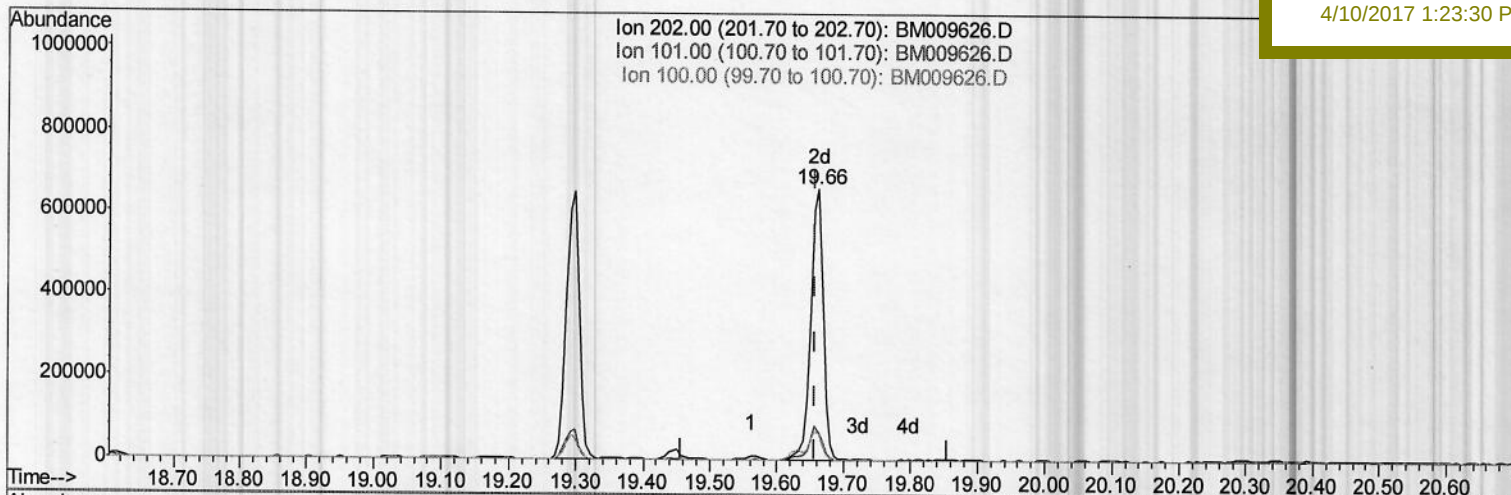
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 07 14:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:30 PM



(20) Pyrene

19.662min (+0.006) 14.89ng/ul m

response 858690

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	10.65#
100.00	12.20	10.15
0.00	0.00	0.00

SI
 04/10/2017

Quantitation Report (Qedit)

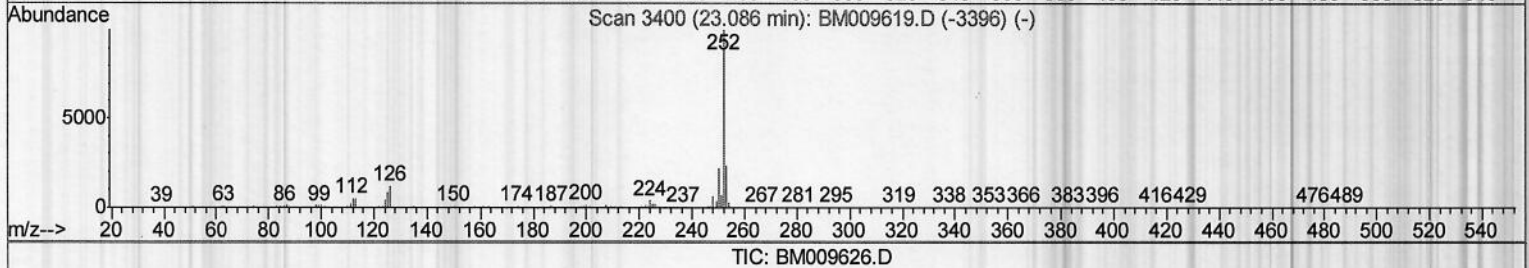
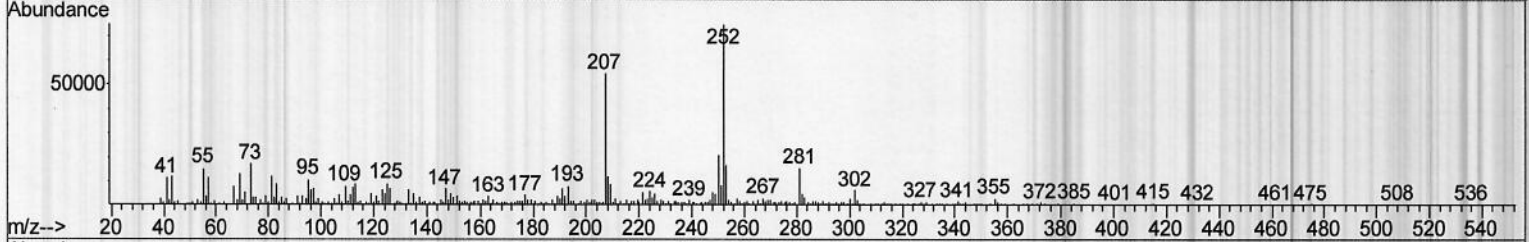
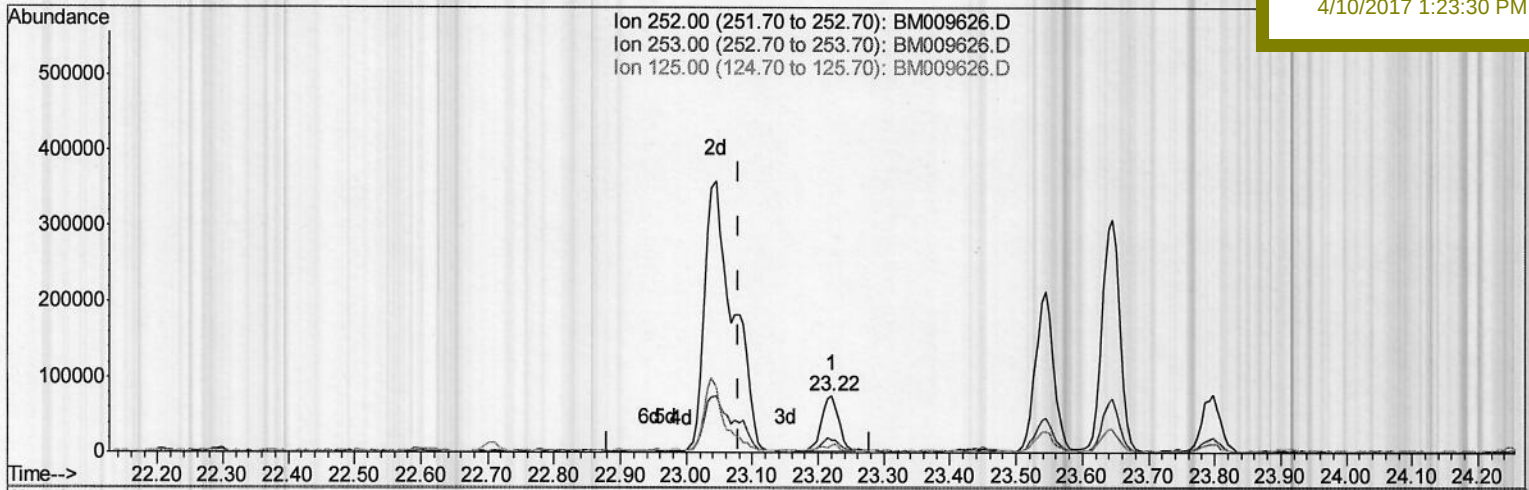
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 07 14:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:30 PM



TIC: BM009626.D

(25) Benzo(k)fluoranthene
 23.221min (+0.141) 2.24ng/ul
 response 134328

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.36
125.00	11.00	12.19
0.00	0.00	0.00

Quantitation Report (Qedit)

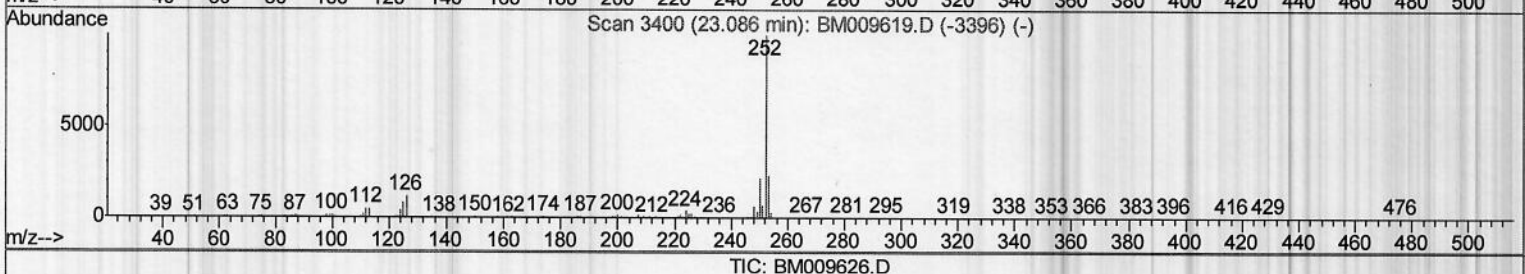
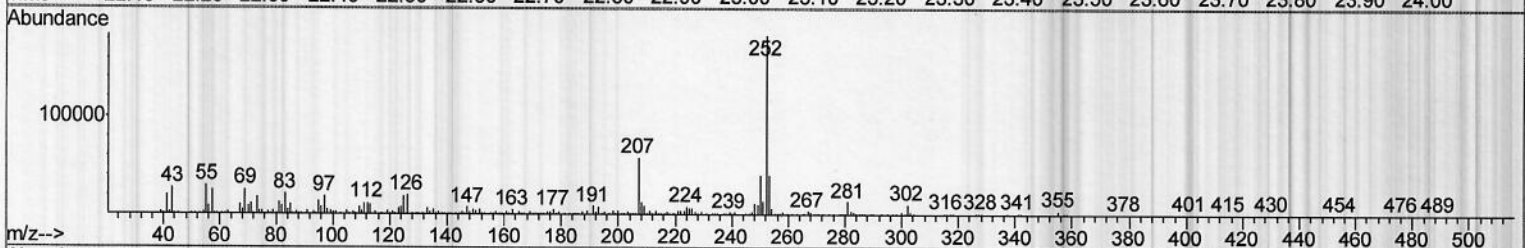
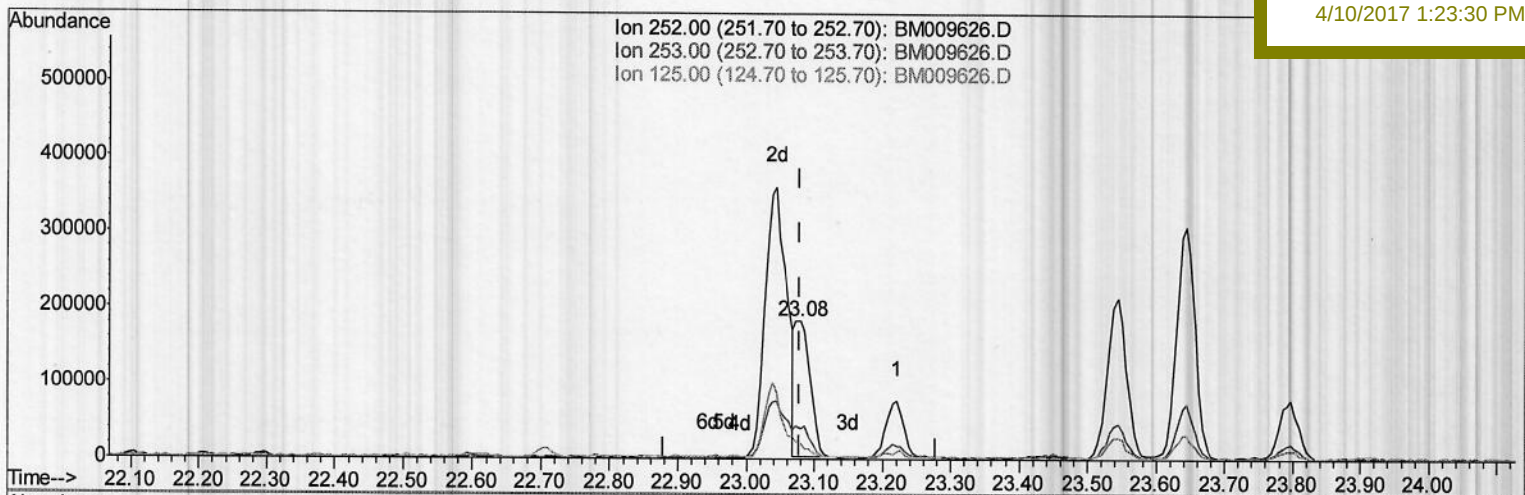
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 07 14:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:30 PM



(25) Benzo(k)fluoranthene

23.080min (0.000) 4.56ng/ul m

response 274032

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.75
125.00	11.00	10.73
0.00	0.00	0.00

SJ
 04/10/2017

Quantitation Report (Qedit)

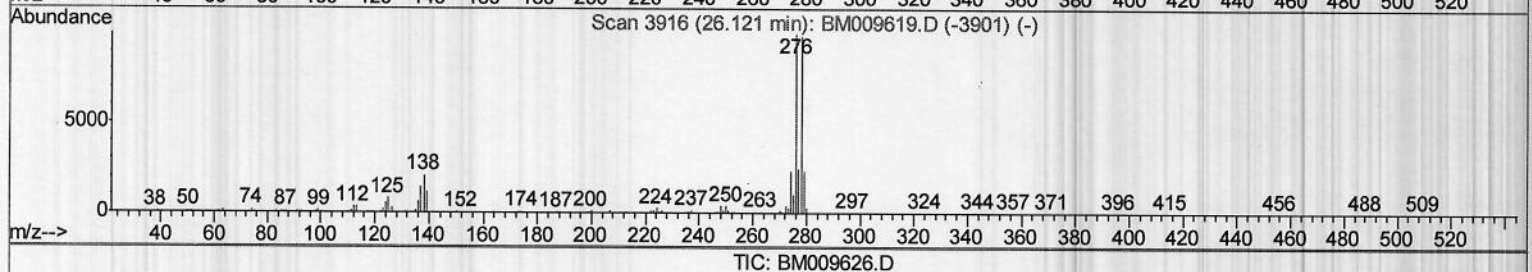
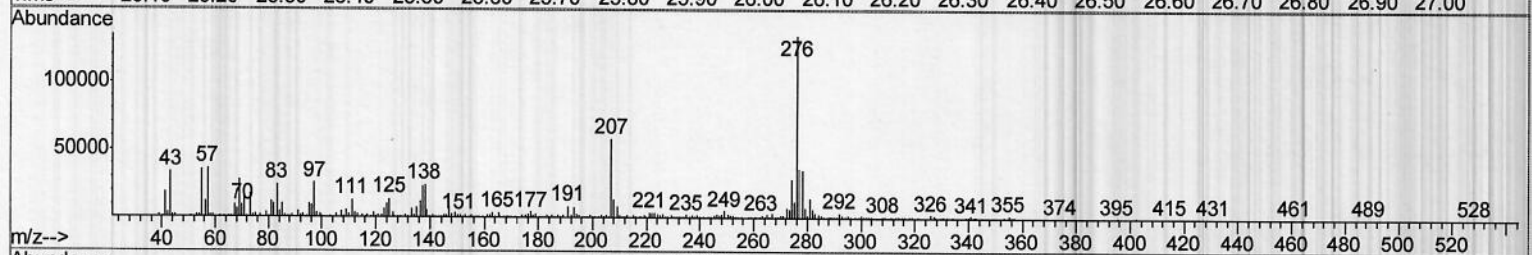
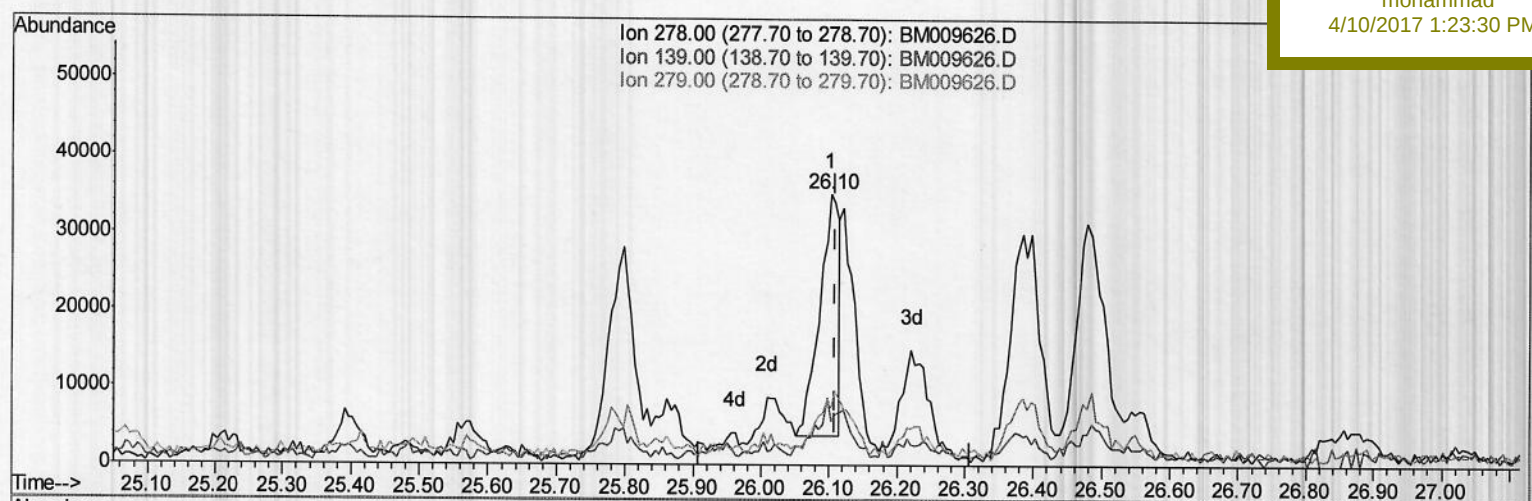
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 07 14:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:30 PM



(29) Dibenzo(a,h)anthracene

26.103min (-0.006) 1.11ng/ul

response 63101

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.56
279.00	25.80	21.10
0.00	0.00	0.00

Quantitation Report (Qedit)

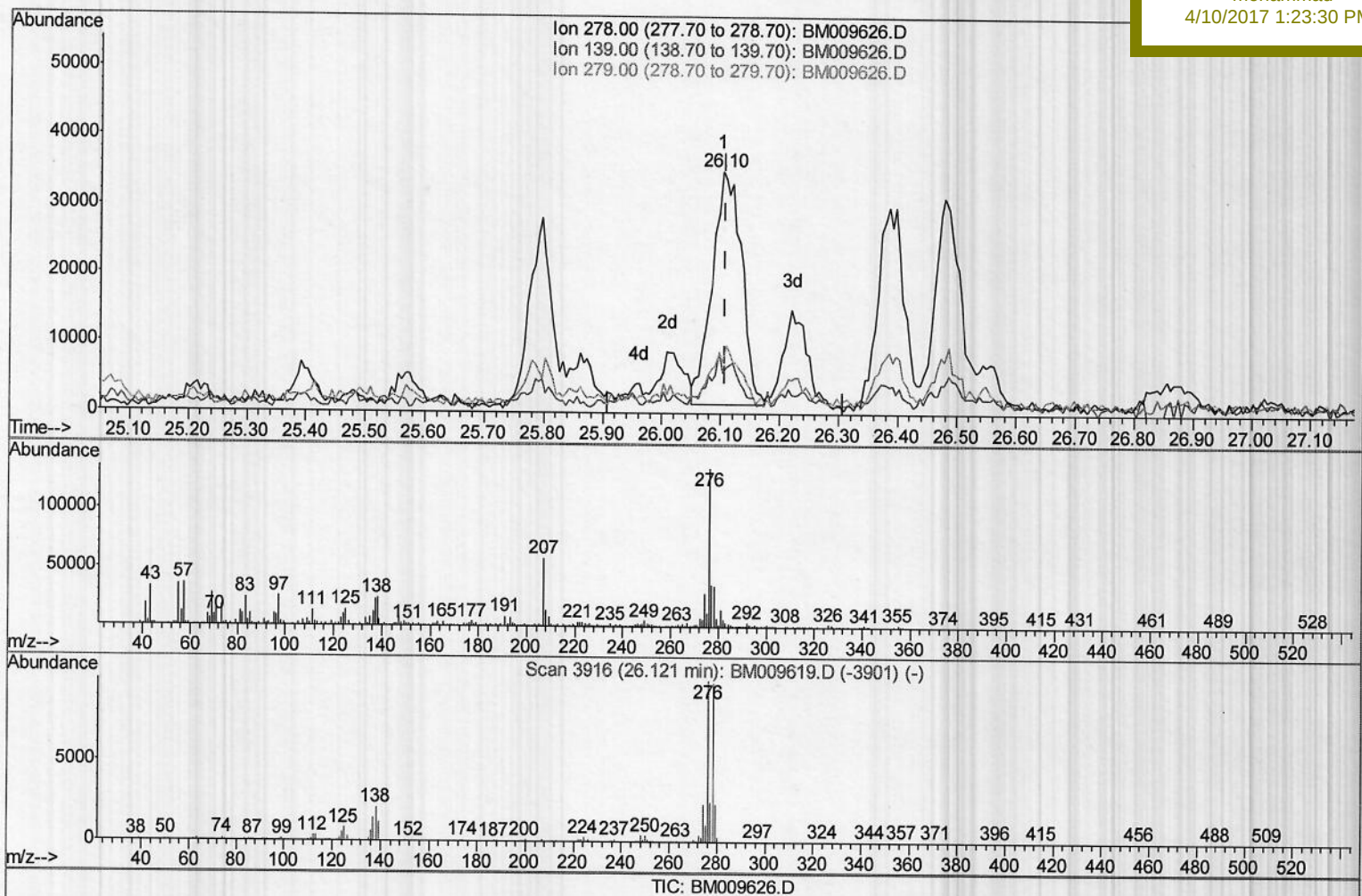
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
Data File : BM009626.D
Acq On : 07 Apr 2017 13:26
Operator : SJ/MA
Sample : I2526-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 07 14:01:50 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB376

Manual Integrations
APPROVED

mohammad
4/10/2017 1:23:30 PM



(29) Dibenzo(a,h)anthracene

26.103min (-0.006) 2.05ng/ul m

response 116817

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.56
279.00	25.80	21.10
0.00	0.00	0.00

SJ
04/10/2017

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009626.D
 Acq On : 07 Apr 2017 13:26
 Operator : SJ/MA
 Sample : I2526-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB376

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:30 PM

Quant Time: Apr 07 14:04:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 03:19:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	163356	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	645420	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	362927	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	851057	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1059018	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1018707	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.26	165	250816	25.27	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1088996	30.62	ng/ul	0.00
10) Fluorene-d10	15.48	176	772464	30.20	ng/ul	0.00
15) Anthracene-d10	17.33	188	1209963	29.72	ng/ul	0.00
19) Pyrene-d10	19.63	212	1430520	32.87	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1384588	30.78	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Acenaphthylene	14.21	152	68119	1.91	ng/ul#	92
14) Phenanthrene	17.28	178	388934	8.13	ng/ul	98
16) Anthracene	17.37	178	112857	2.28	ng/ul	98
17) Fluoranthene	19.30	202	871299	14.62	ng/ul	96
20) Pyrene	19.66	202	858690m	14.89	ng/ul	
21) Benzo(a)anthracene	21.40	228	531660	8.88	ng/ul	98
22) Chrysene	21.46	228	520791	9.49	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	792601	12.58	ng/ul#	87
25) Benzo(k)fluoranthene	23.08	252	274032m	4.56	ng/ul	
27) Benzo(a)pyrene	23.64	252	570789	9.53	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	26.11	276	426010	6.34	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	116817m	2.05	ng/ul	
30) Benzo(g,h,i)perylene	26.84	276	413034	7.46	ng/ul#	93

SS
 04/10/2017

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