

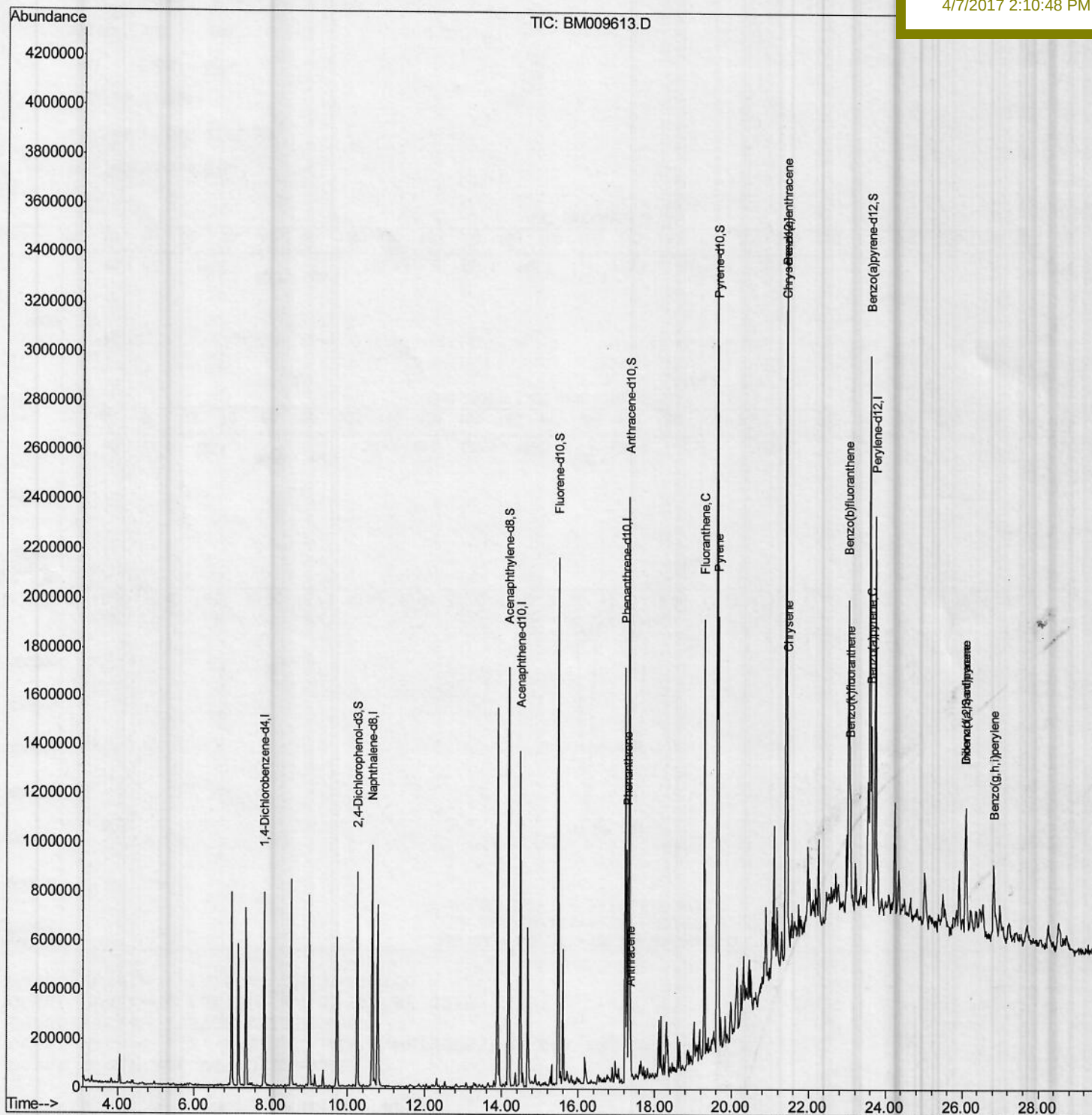
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009613.D
Acq On : 07 Apr 2017 02:48
Operator : SJ/MA
Sample : I2525-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 07 04:02:18 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
Client Sampled :
CB365

Manual Integrations
APPROVED

mohammad
4/7/2017 2:10:48 PM



Quantitation Report (Qedit)

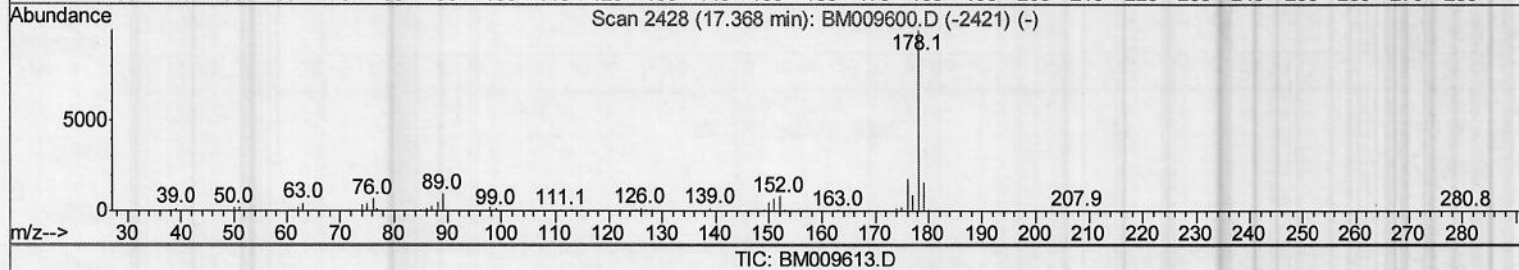
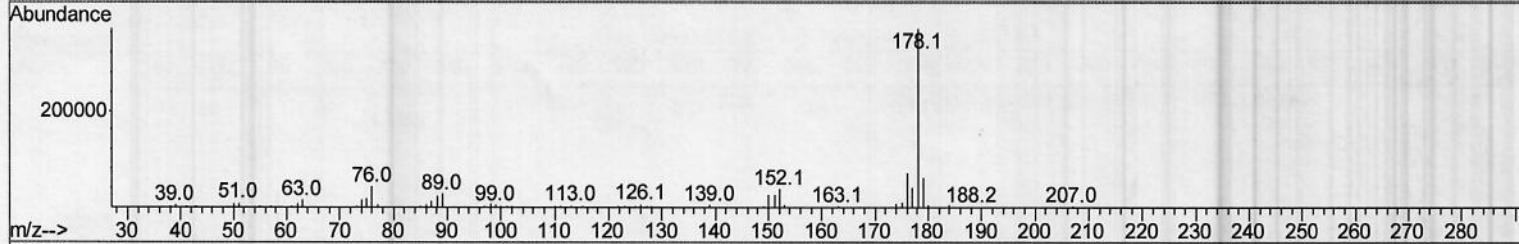
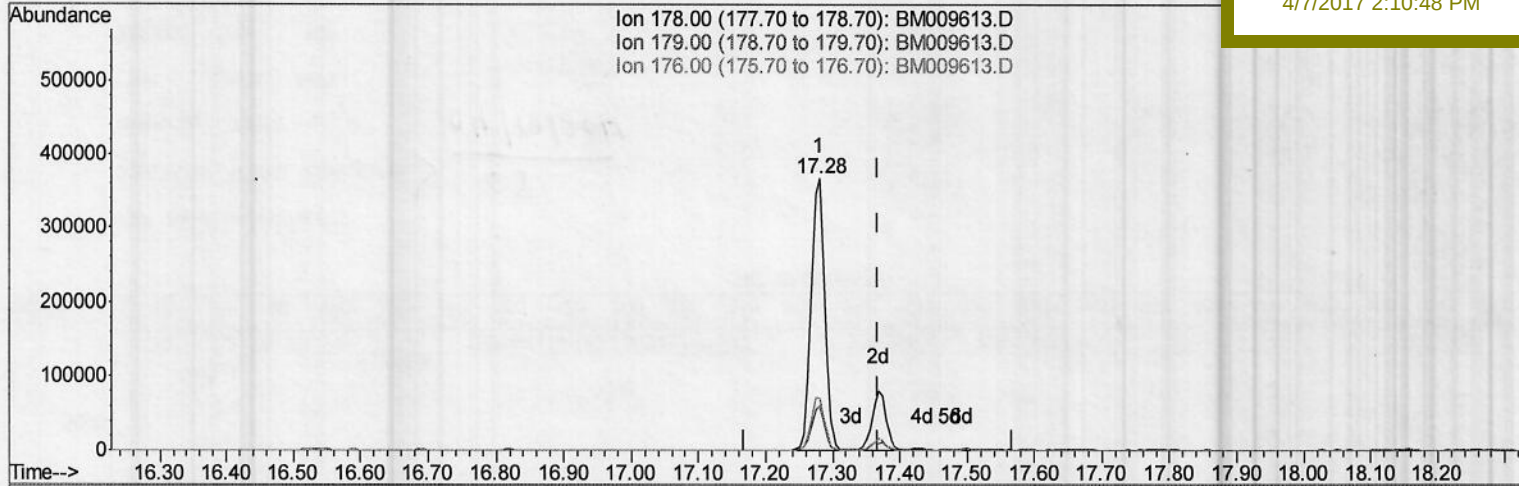
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 07 03:23:06 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
 ClientSampled :
 CB365

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:48 PM



(16) Anthracene

17.280min (-0.088) 9.54ng/ul

response 521432

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	16.56
176.00	19.80	19.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 07 03:23:06 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 :

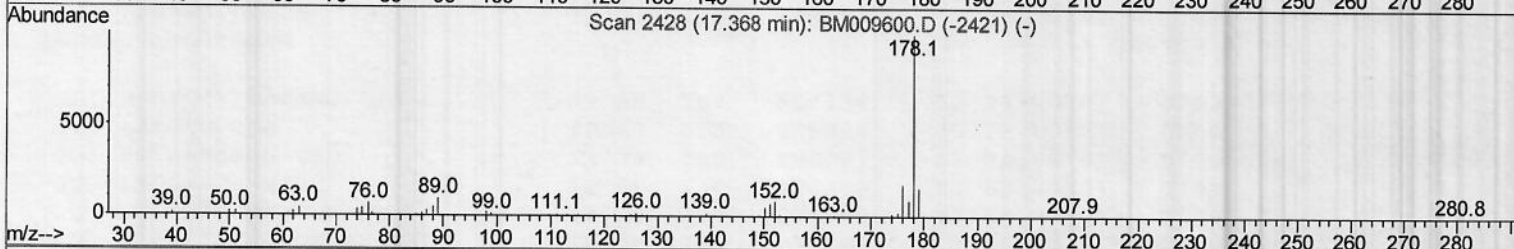
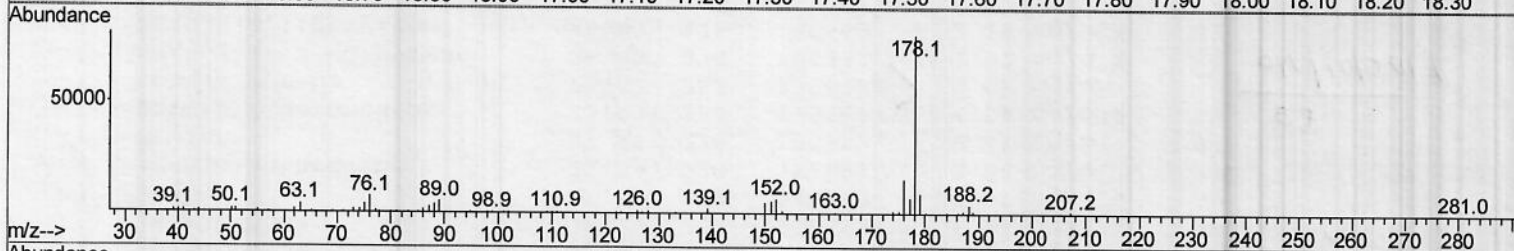
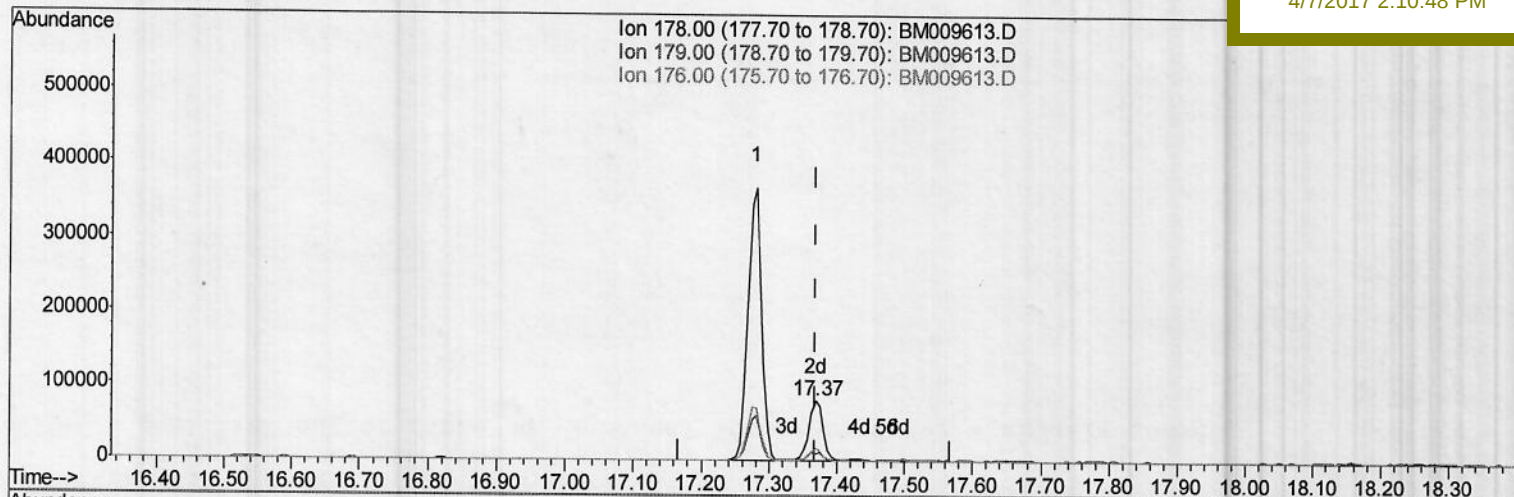
CB365

Manual Integrations

APPROVED

mohammad

4/7/2017 2:10:48 PM



TIC: BM009613.D

(16) Anthracene

17.369min (+0.000) 2.15ng/ul m

response 117739

Ion Exp% Act%

178.00 100 100

179.00 15.90 12.10#

176.00 19.80 20.30

0.00 0.00 0.00

SJ
 04/10/2017

Quantitation Report (Qedit)

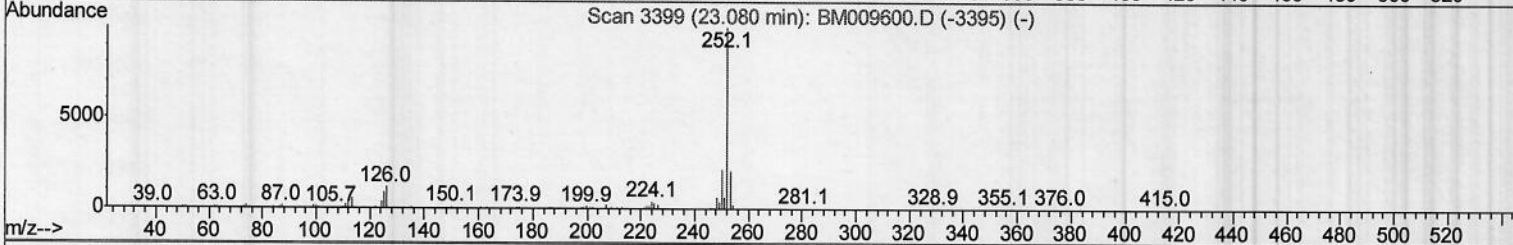
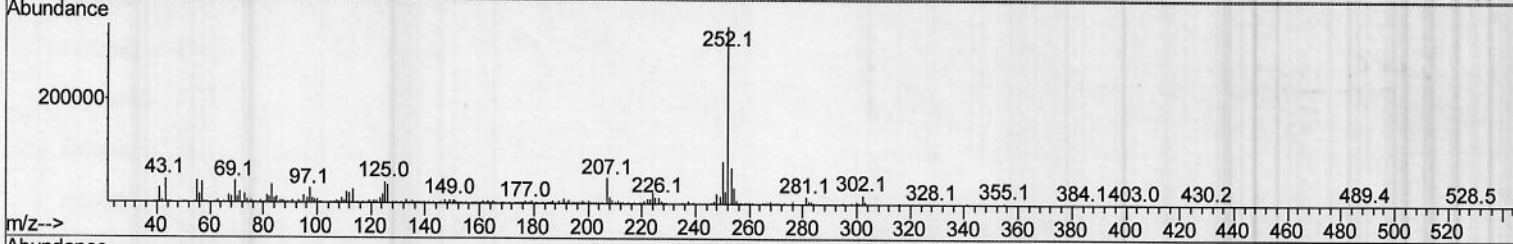
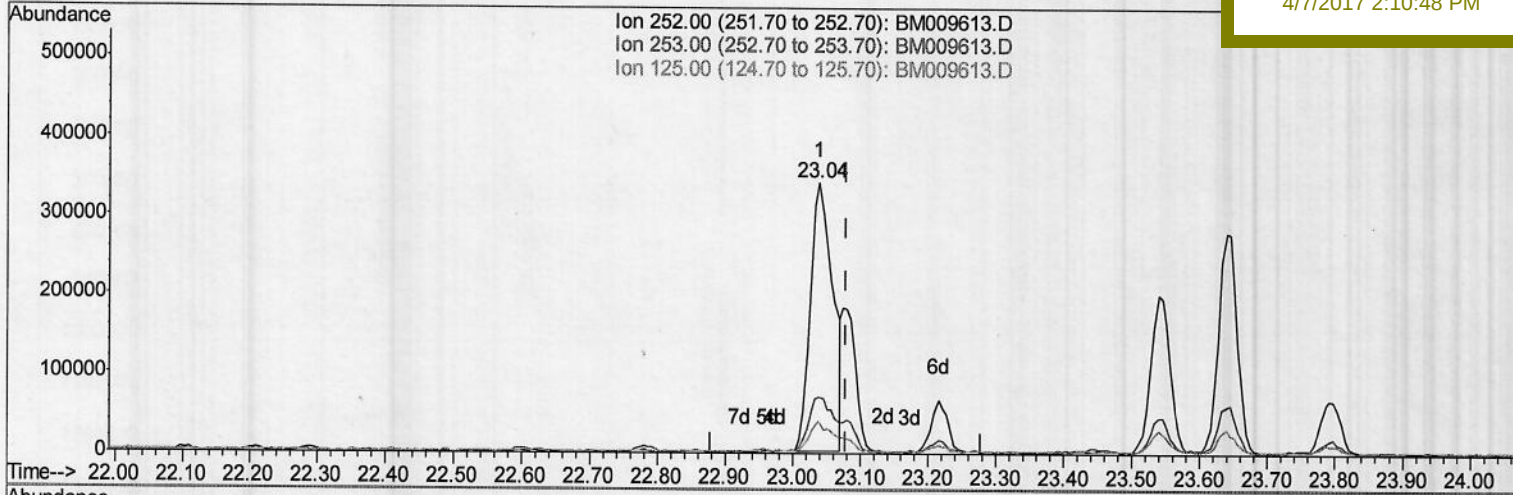
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 07 03:23:06 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 :
 CB365

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:48 PM



TIC: BM009613.D

(25) Benzo(k)fluoranthene

23.039min (-0.041) 11.21ng/ul

response 776070

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.37
125.00	11.00	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

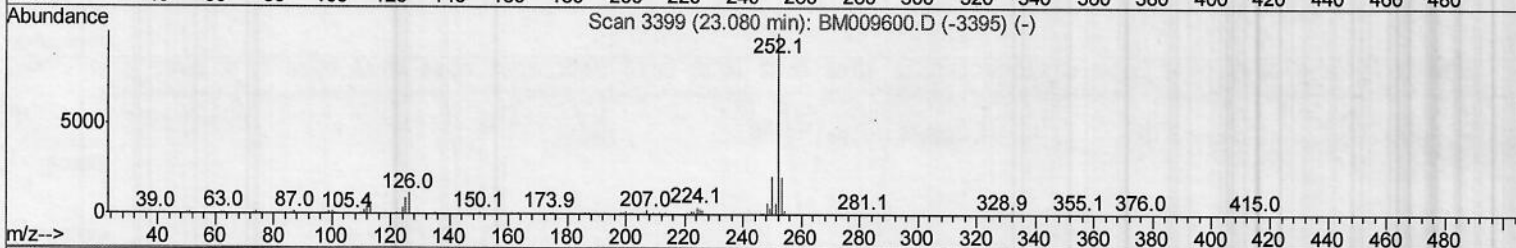
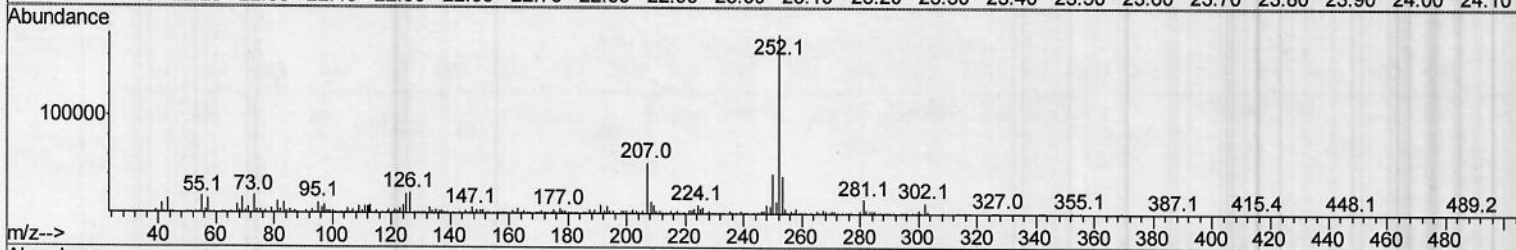
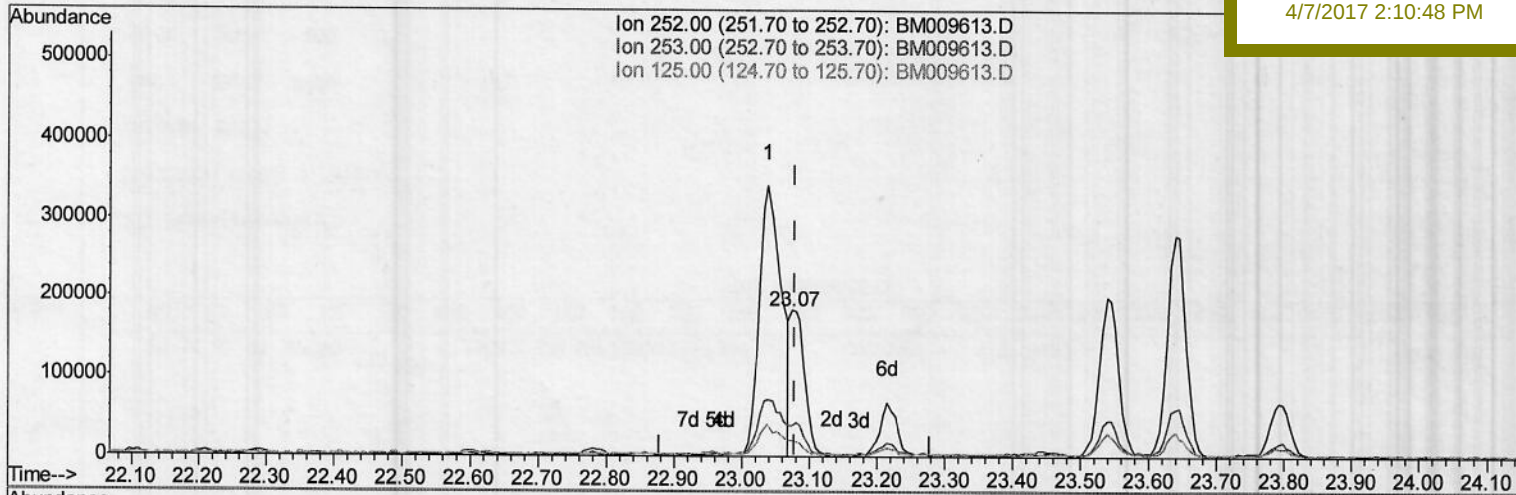
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 07 03:23:06 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 :
 CB365

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:48 PM



TIC: BM009613.D

(25) Benzo(k)fluoranthene

23.074min (-0.006) 3.91ng/ul m

response 270509

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.28
125.00	11.00	11.04
0.00	0.00	0.00

SJ
 04/10/2017

Quantitation Report (Qedit)

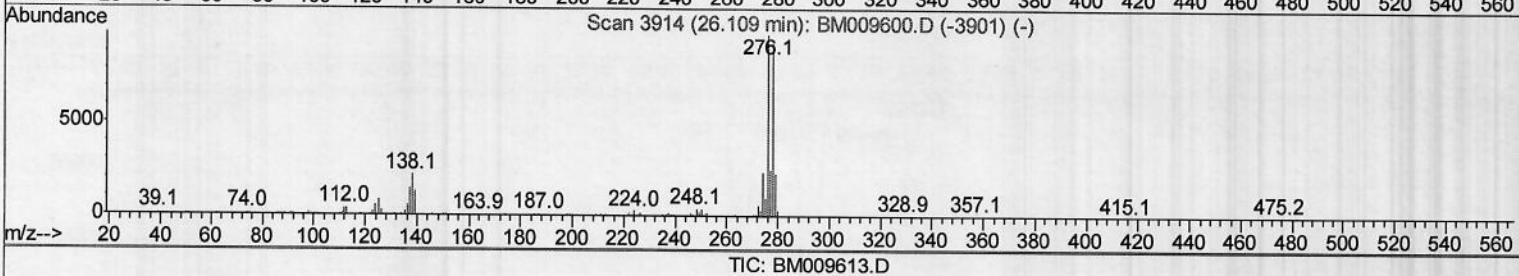
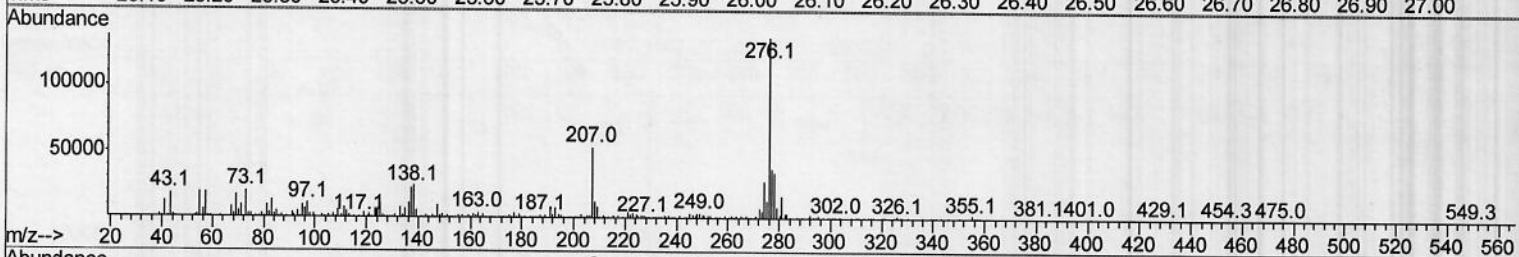
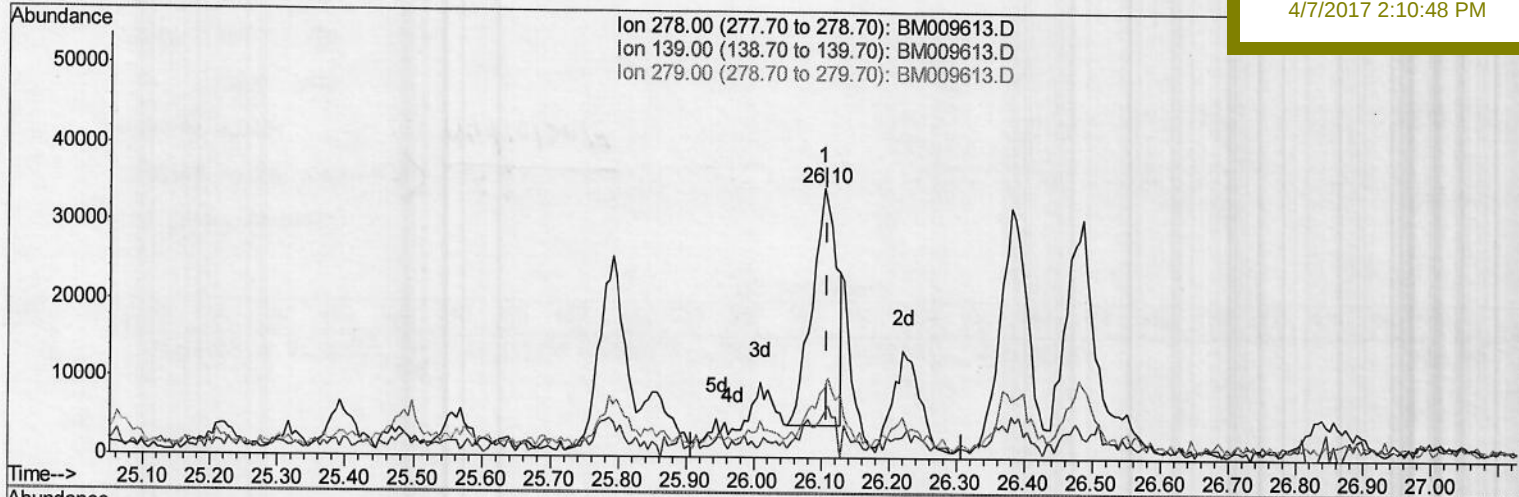
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 07 03:23:06 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 :
 CB365

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:48 PM



(29) Dibenzo(a,h)anthracene

26.103min (-0.006) 1.16ng/ul

response 76552

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.49
279.00	25.80	25.52
0.00	0.00	0.00

Quantitation Report (Qedit)

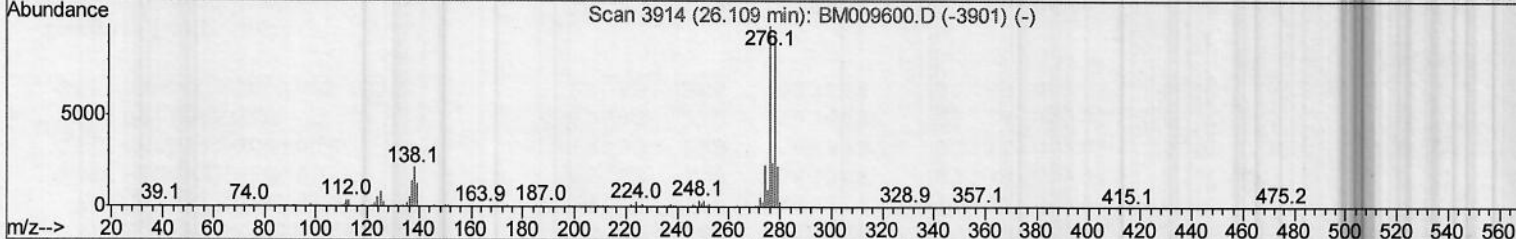
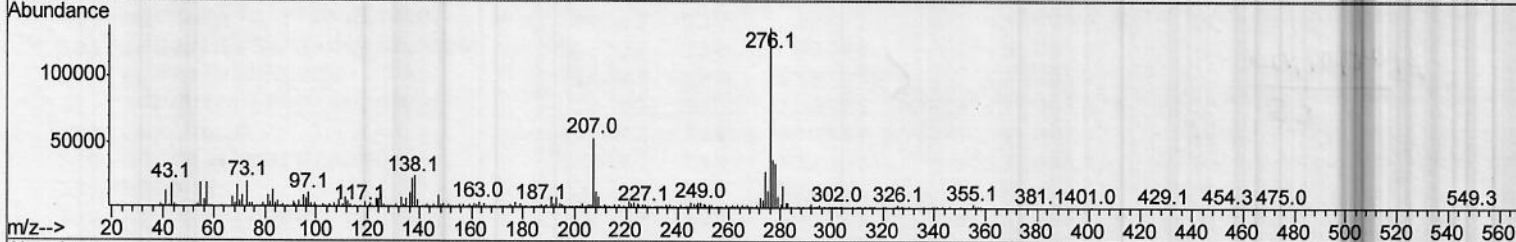
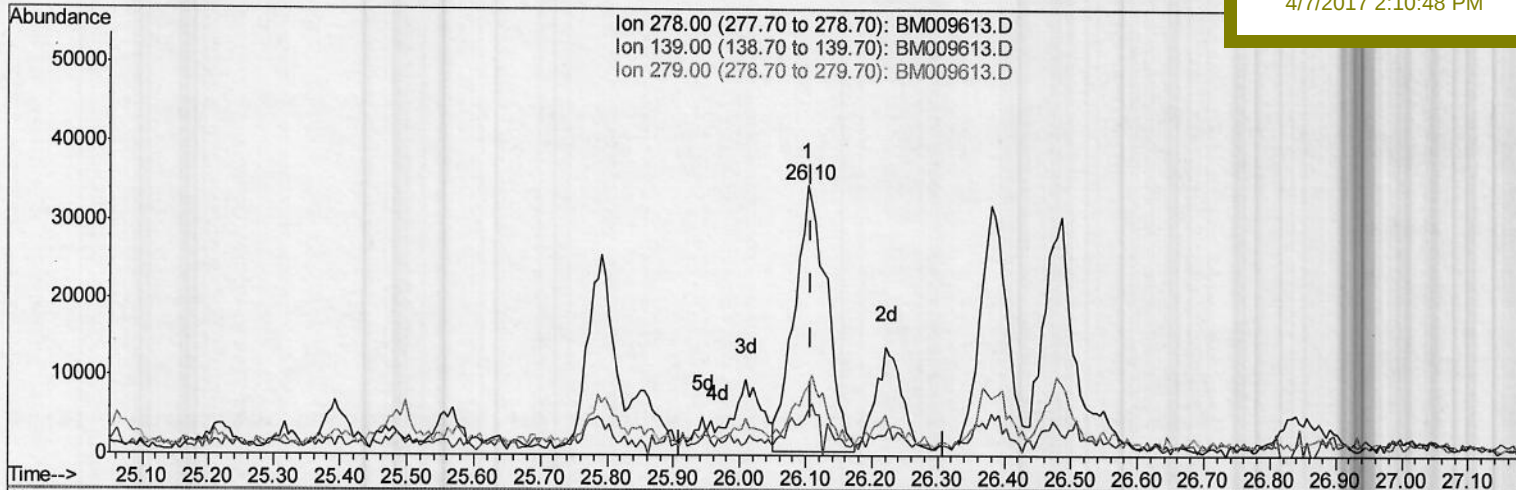
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Ouant Time: Apr 07 03:23:06 2017
 Ouant 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 :
 CB365

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:48 PM



TIC: BM009613.D

(29) Dibenzo(a,h)anthracene

26.103min (-0.006) 1.77ng/ul m > SJ
 response 116369 06/10/2017

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.49
279.00	25.80	25.52
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009613.D
 Acq On : 07 Apr 2017 02:48
 Operator : SJ/MA
 Sample : I2525-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB365

Quant Time: Apr 07 04:02:18 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
 4/7/2017 2:10:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	181862	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	714466	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	398791	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	940210	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1221827	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1174430	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.25	165	283446	25.80	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1109852	28.40	ng/ul	0.00
10) Fluorene-d10	15.48	176	790825	28.13	ng/ul	0.00
15) Anthracene-d10	17.33	188	1268497	28.20	ng/ul	0.00
19) Pyrene-d10	19.63	212	1553762	30.94	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1537424	29.65	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.28	178	521432	9.86	ng/ul	97
16) Anthracene	17.37	178	117739m	2.15	ng/ul	
17) Fluoranthene	19.29	202	1004901	15.26	ng/ul	96
20) Pyrene	19.66	202	1007993	15.15	ng/ul	97
21) Benzo(a)anthracene	21.40	228	626231	9.07	ng/ul	99
22) Chrysene	21.46	228	587793	9.28	ng/ul	96
24) Benzo(b)fluoranthene	23.04	252	776070	10.68	ng/ul	97
25) Benzo(k)fluoranthene	23.07	252	270509m	3.91	ng/ul	
27) Benzo(a)pyrene	23.64	252	527743	7.64	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.11	276	384468	4.97	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	116369m	1.77	ng/ul	
30) Benzo(a,h,i)perylene	26.84	276	358252	5.61	ng/ul#	94

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

SJ
 04/10/2017