

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009605.D
Acq On : 06 Apr 2017 21:59
Operator : SJ/MA
Sample : I2525-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 07 03:38:18 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 :

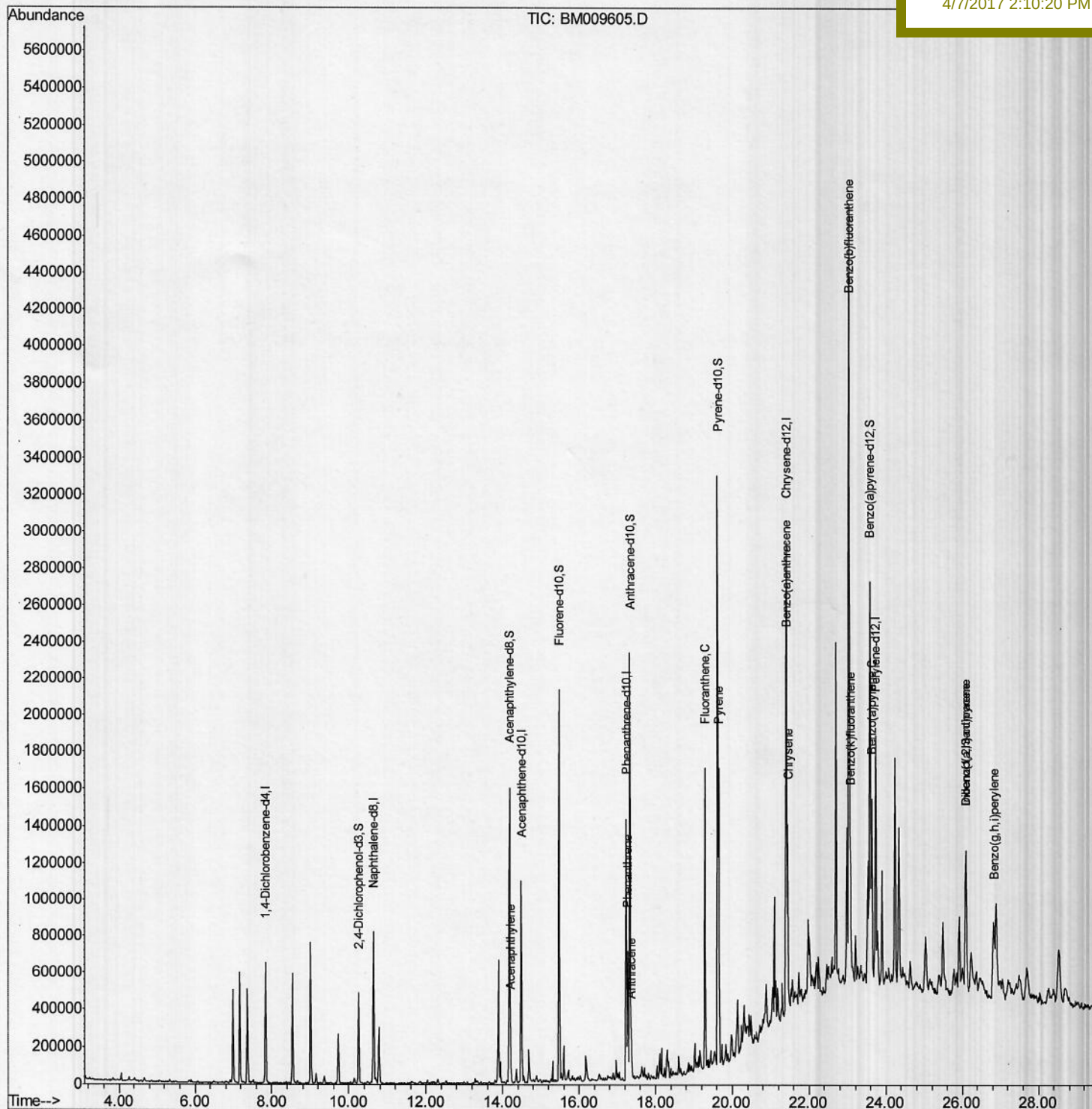
BNA_M

Client Sampled :

CB344

Manual Integrations
APPROVED

mohammad
4/7/2017 2:10:20 PM



Quantitation Report (Qedit)

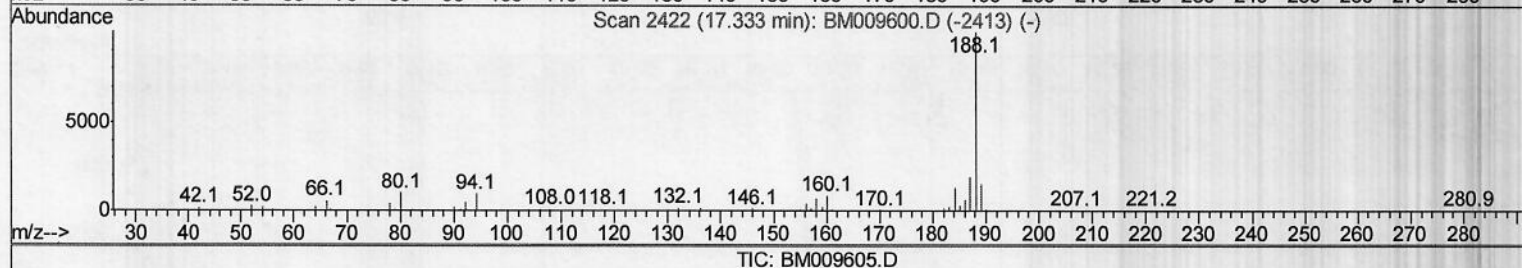
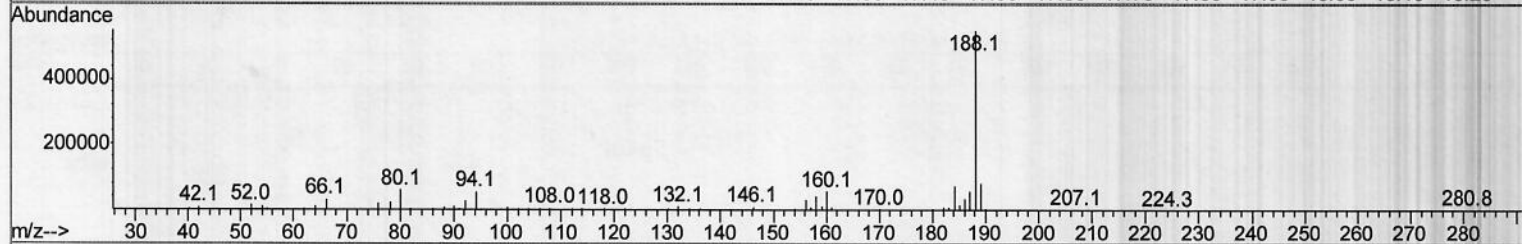
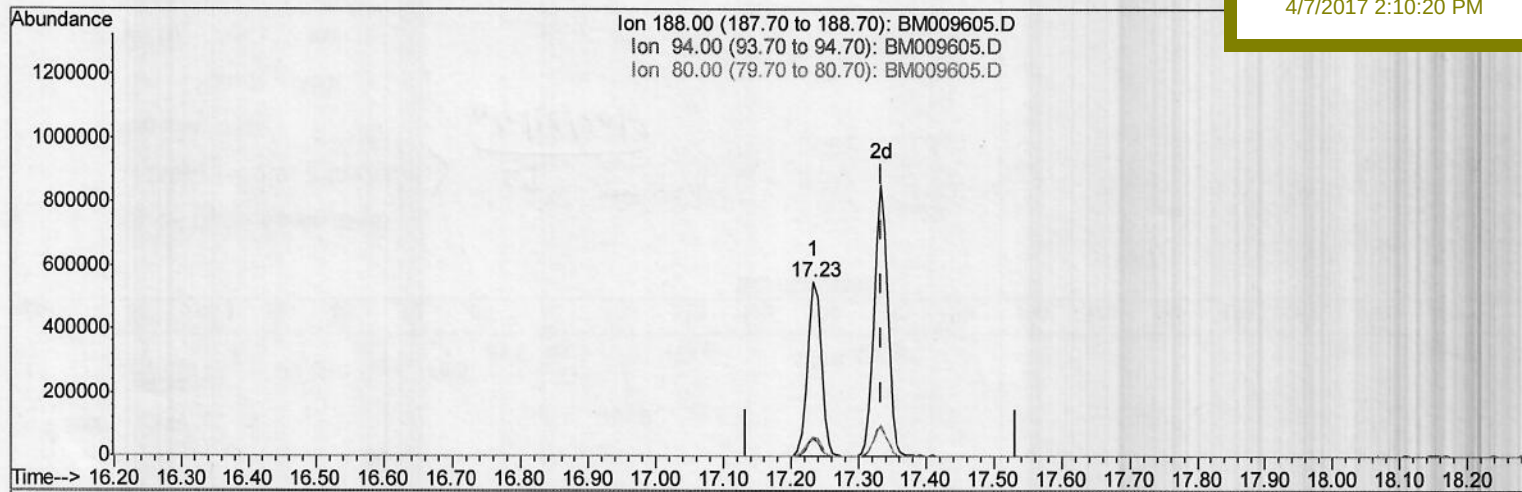
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009605.D
 Acq On : 06 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2525-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 07 03:20:58 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 :
 CB344

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:20 PM



TIC: BM009605.D

(15) Anthracene-d10 (S)

17.233min (-0.100) 20.90ng/ul

response 771021

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.91
80.00	9.10	10.88
0.00	0.00	0.00

Quantitation Report (Qedit)

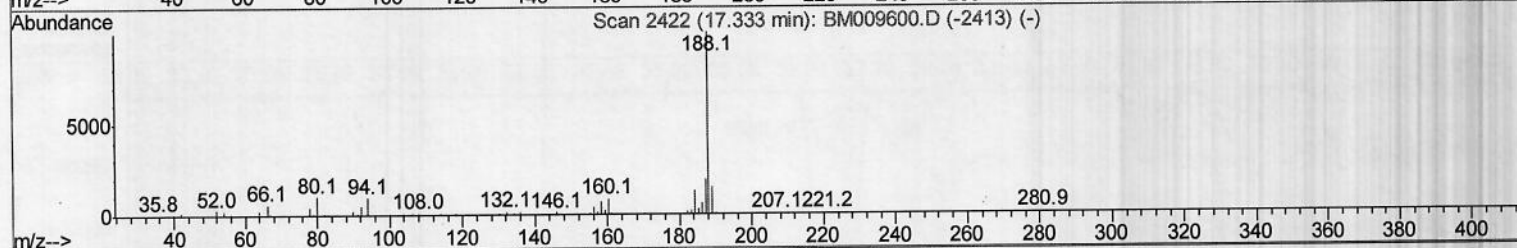
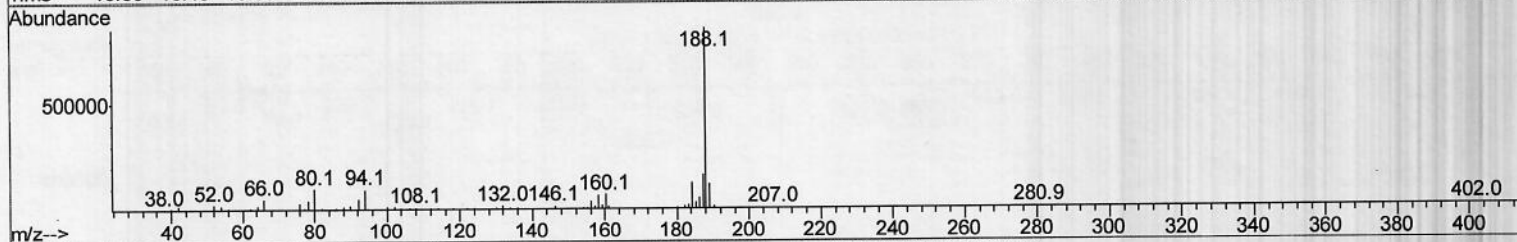
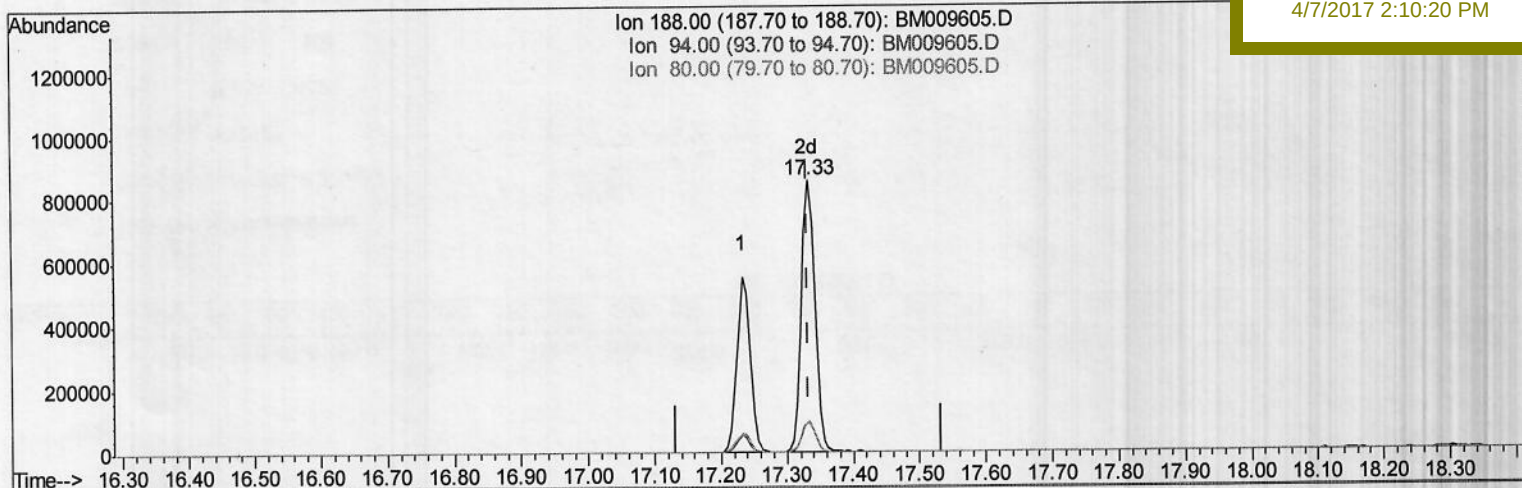
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009605.D
 Acq On : 06 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2525-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 07 03:20:58 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 :
 CB344

Manual Integrations
APPROVED

mohammad
 4/7/2017 2:10:20 PM



TIC: BM009605.D

(15) Anthracene-d10 (S)

17.333min (+0.000) 32.48ng/ul m

response 1198065

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.01
80.00	9.10	11.47#
0.00	0.00	0.00

55
 04/10/2017

Quantitation Report (Qedit)

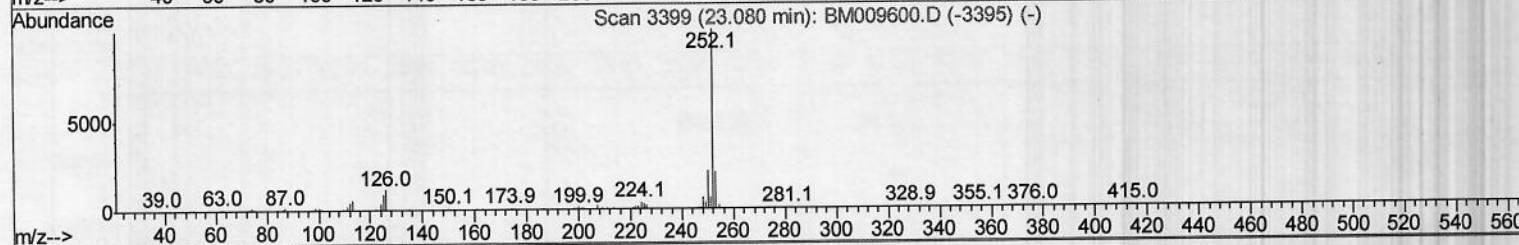
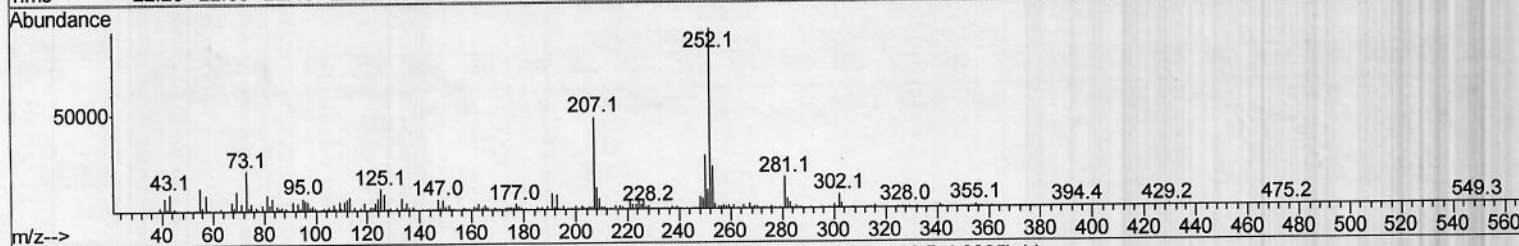
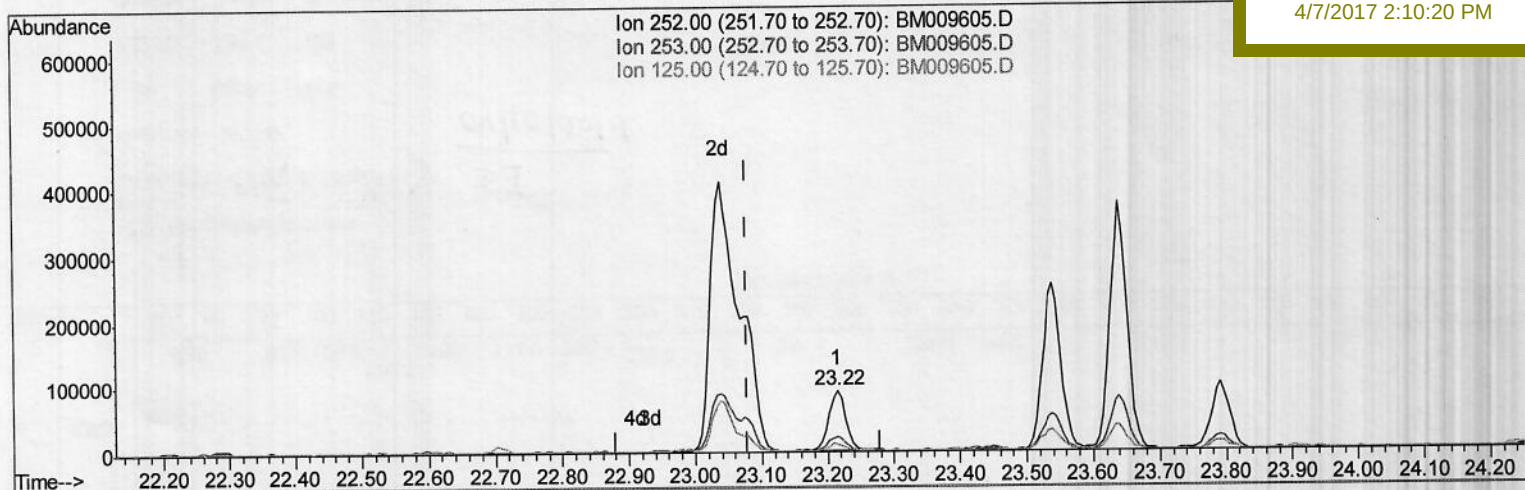
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009605.D
 Acq On : 06 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2525-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 07 03:20:58 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 :
 CB344

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:10:20 PM



TIC: BM009605.D

(25) Benzo(k)fluoranthene

23.215min (+0.135) 2.61ng/ul

response 155166

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.05
125.00	11.00	12.49
0.00	0.00	0.00

Quantitation Report (Qedit)

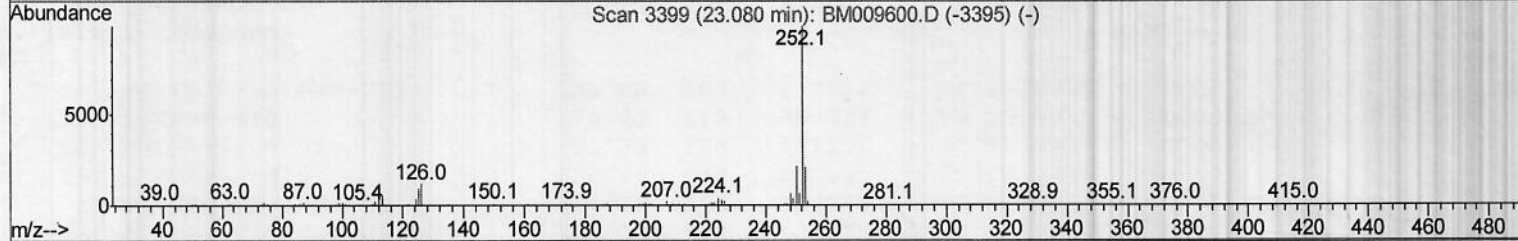
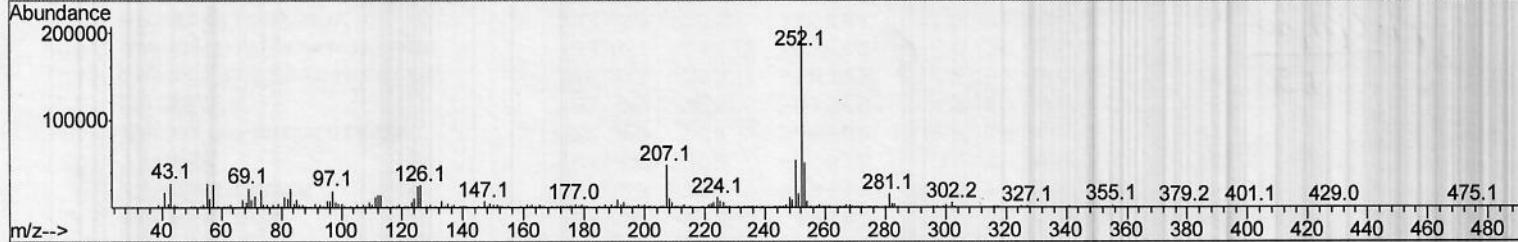
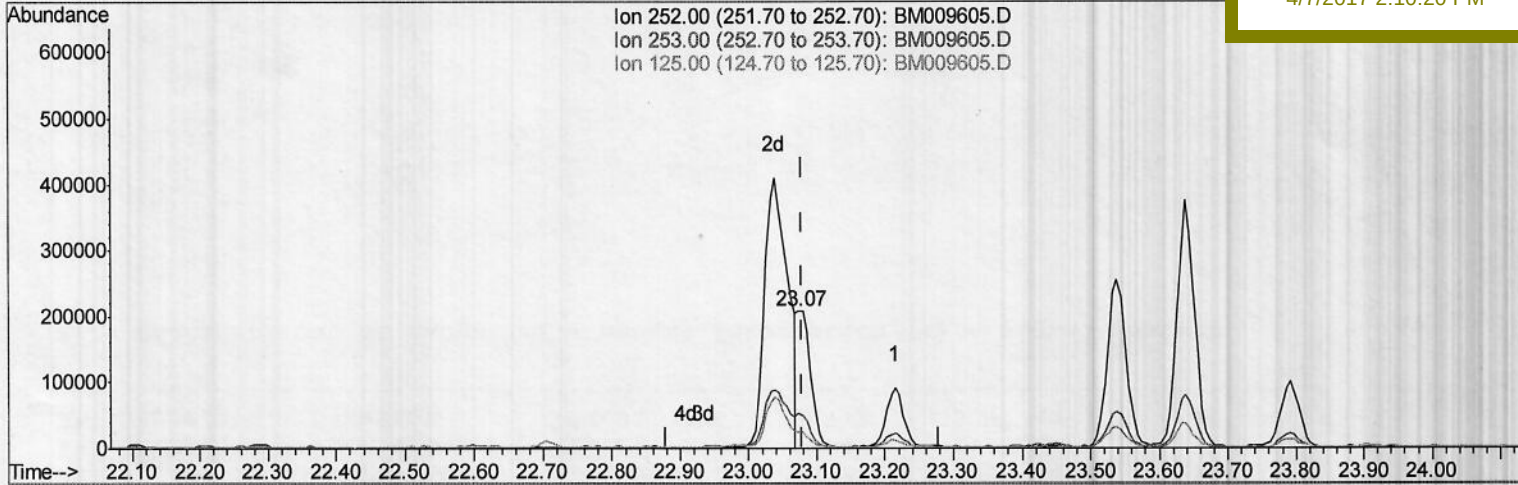
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009605.D
 Acq On : 06 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2525-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB344

Quant Time: Apr 07 03:20:58 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 2:10:20 PM



TIC: BM009605.D

(25) Benzo(k)fluoranthene

23.074min (-0.006) 4.73ng/ul m

response 281275

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.85
125.00	11.00	11.98
0.00	0.00	0.00

35
 04/10/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009605.D
 Acq On : 06 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2525-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB344

Quant Time: Apr 07 03:38:18 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 2:10:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	149025	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	582503	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	327013	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	771021	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1032745	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1009592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.26	165	152662	17.04	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1062337	33.15	ng/ul	0.00
10) Fluorene-d10	15.48	176	761391	33.03	ng/ul	0.00
15) Anthracene-d10	17.33	188	1198065m	32.48	ng/ul	0.00
19) Pyrene-d10	19.63	212	1471615	34.67	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1510884	33.90	ng/ul	0.00

SJ
 04/10/2017

Target Compounds

					Qvalue	
8) Acenaphthylene	14.20	152	80115	2.49	ng/ul#	90
14) Phenanthrene	17.27	178	375886	8.67	ng/ul	97
16) Anthracene	17.37	178	98451	2.20	ng/ul	99
17) Fluoranthene	19.29	202	882403	16.35	ng/ul	97
20) Pyrene	19.66	202	862036	15.33	ng/ul	95
21) Benzo(a)anthracene	21.40	228	576320	9.87	ng/ul	99
22) Chrysene	21.45	228	571862	10.68	ng/ul	96
24) Benzo(b)fluoranthene	23.04	252	965928	15.47	ng/ul#	93
25) Benzo(k)fluoranthene	23.07	252	281275m	4.73	ng/ul	
27) Benzo(a)pyrene	23.64	252	660285	11.12	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.10	276	548243	8.24	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	141416	2.50	ng/ul	95
30) Benzo(a,h,i)perylene	26.83	276	507904	9.26	ng/ul#	93

SJ
 04/10/2017

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