

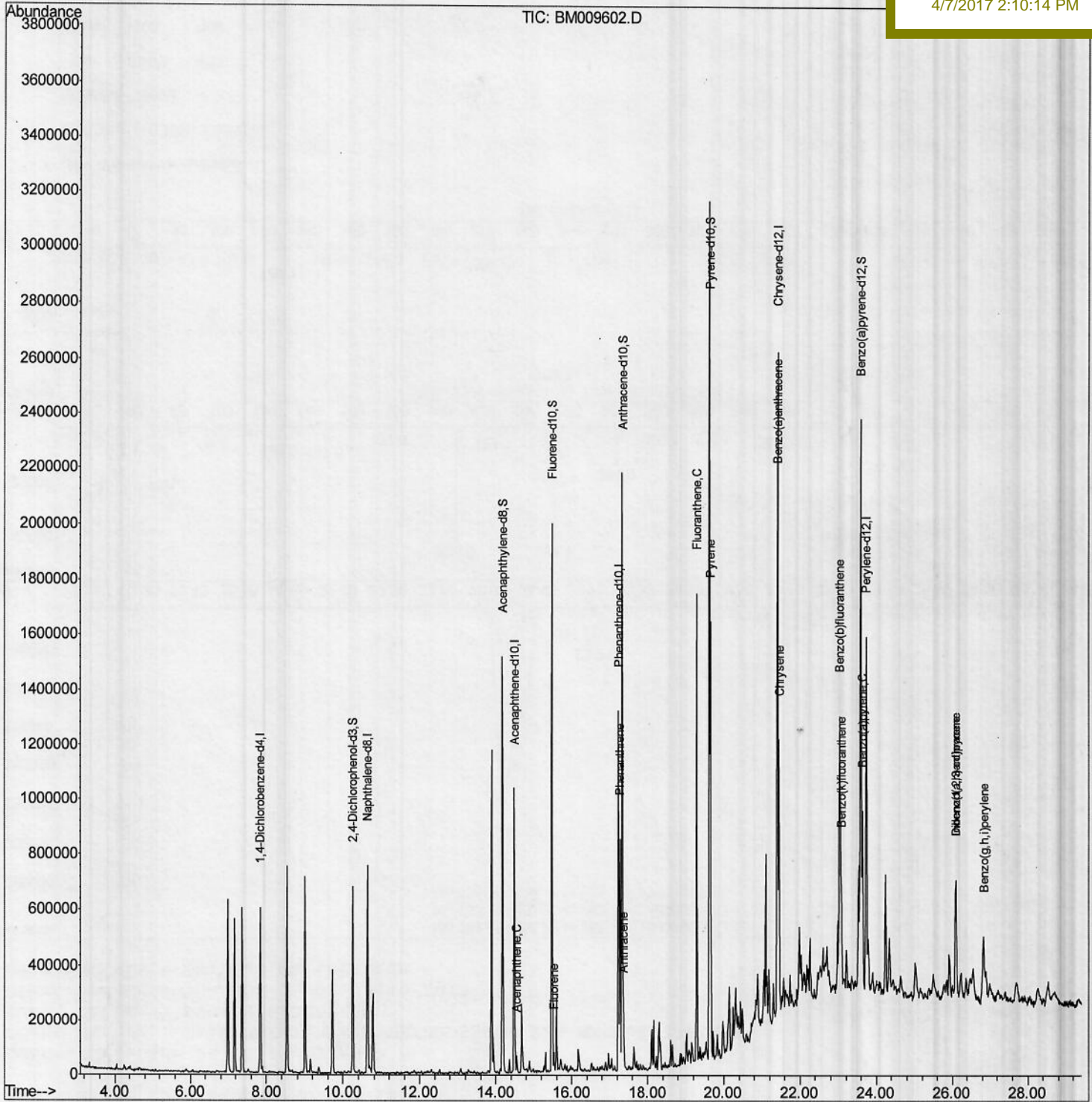
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\  
 Data File : BM009602.D  
 Acq On : 06 Apr 2017 20:11  
 Operator : SJ/MA  
 Sample : I2525-21  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 CB371

Quant Time: Apr 07 03:29:23 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

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 4/7/2017 2:10:14 PM



Quantitation Report (Qedit)

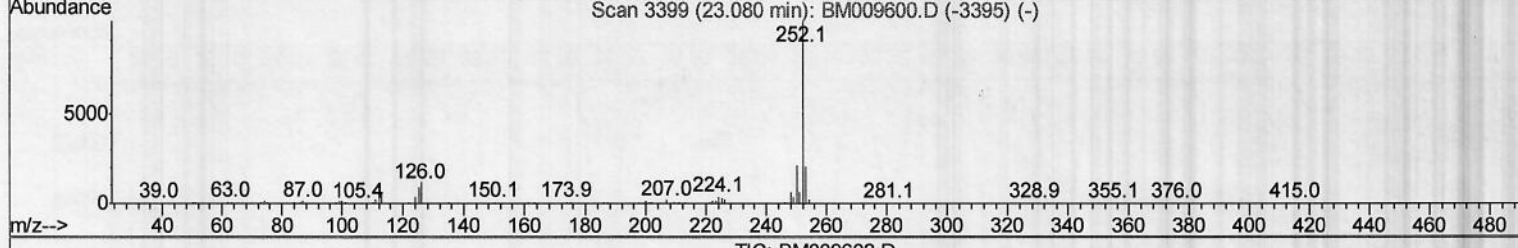
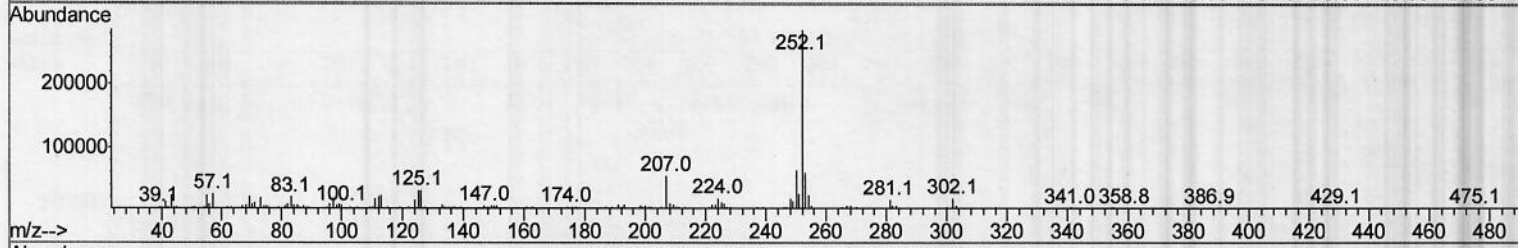
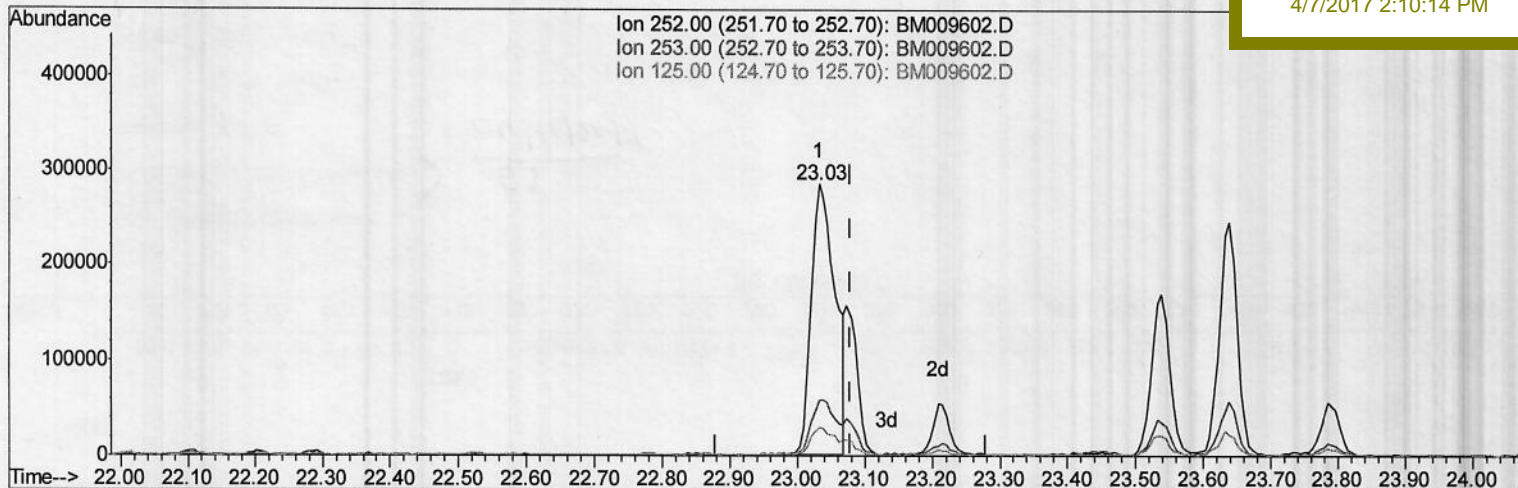
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Manual Integrations  
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TIC: BM009602.D

(25) Benzo(k)fluoranthene  
 23.033min (-0.047) 12.67ng/ul  
 response 701496

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.59
125.00	11.00	10.48
0.00	0.00	0.00



Quantitation Report (Qedit)

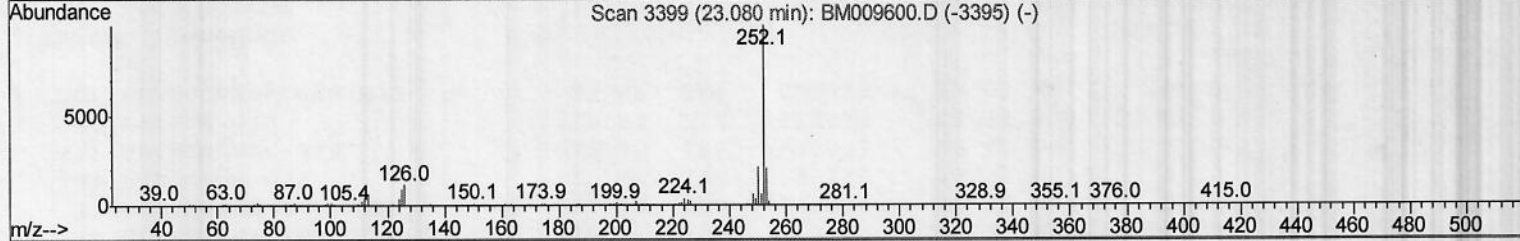
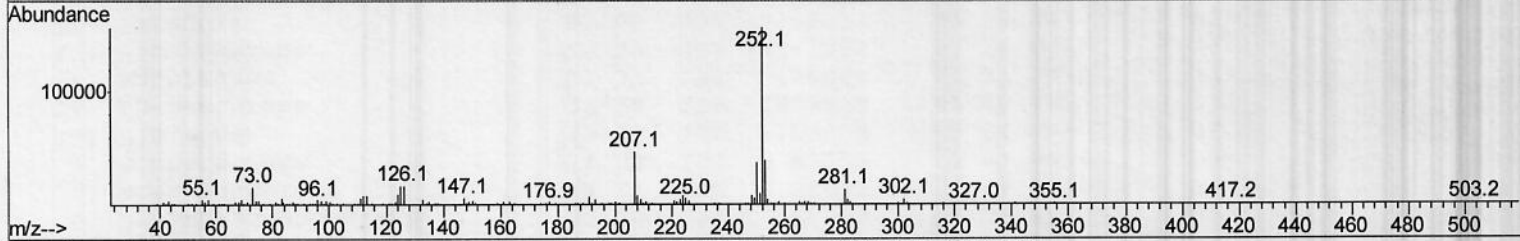
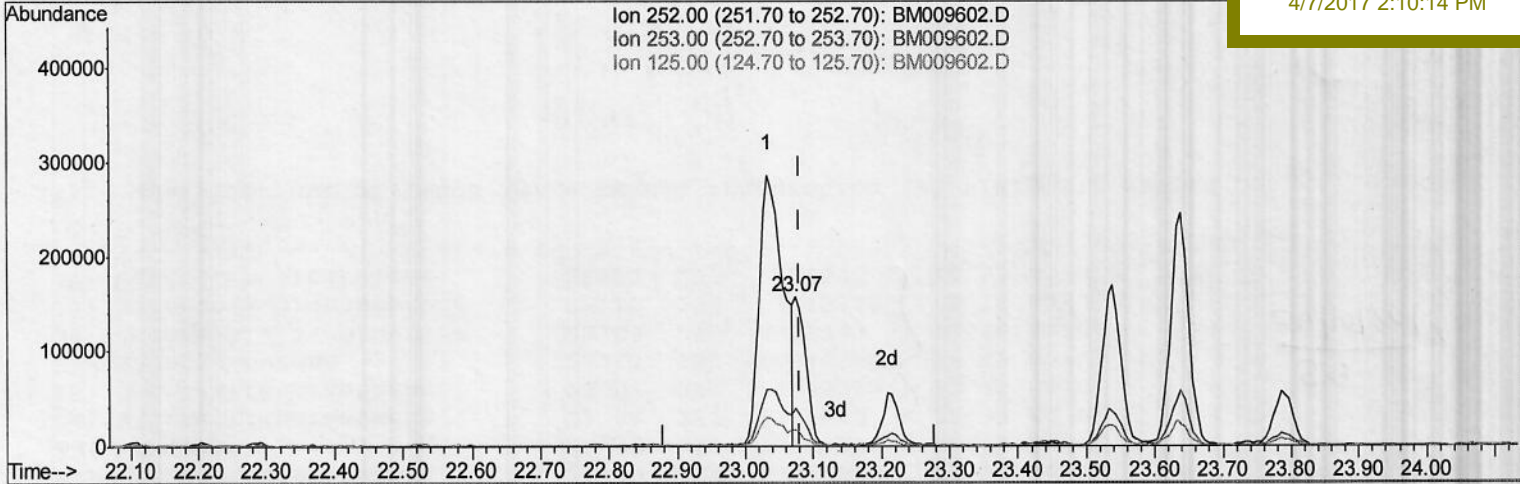
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 Data File : BM009602.D  
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 Operator : SJ/MA  
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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 CB371

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Manual Integrations  
 APPROVED

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 4/7/2017 2:10:14 PM



TIC: BM009602.D

(25) Benzo(k)fluoranthene

23.074min (-0.006) 3.54ng/ul m

SS  
 04/10/2017

response 195863

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.02
125.00	11.00	10.65
0.00	0.00	0.00

Quantitation Report (Qedit)

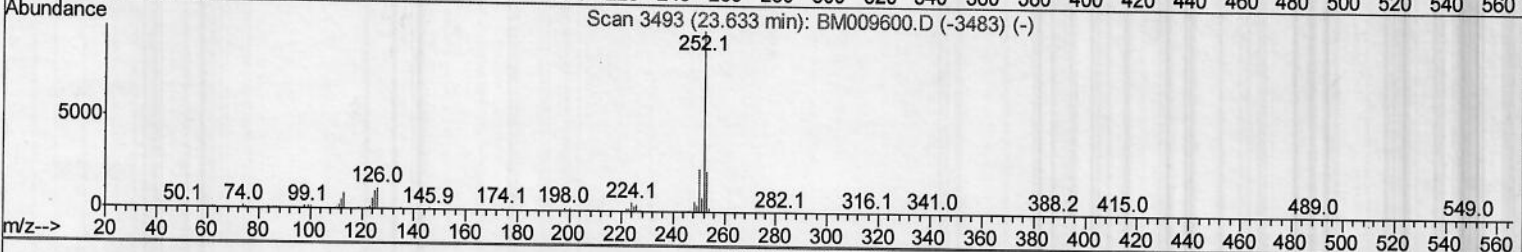
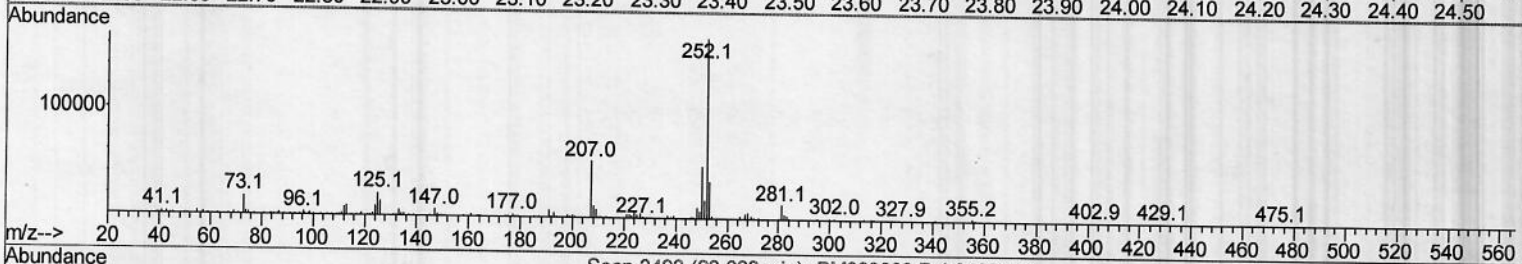
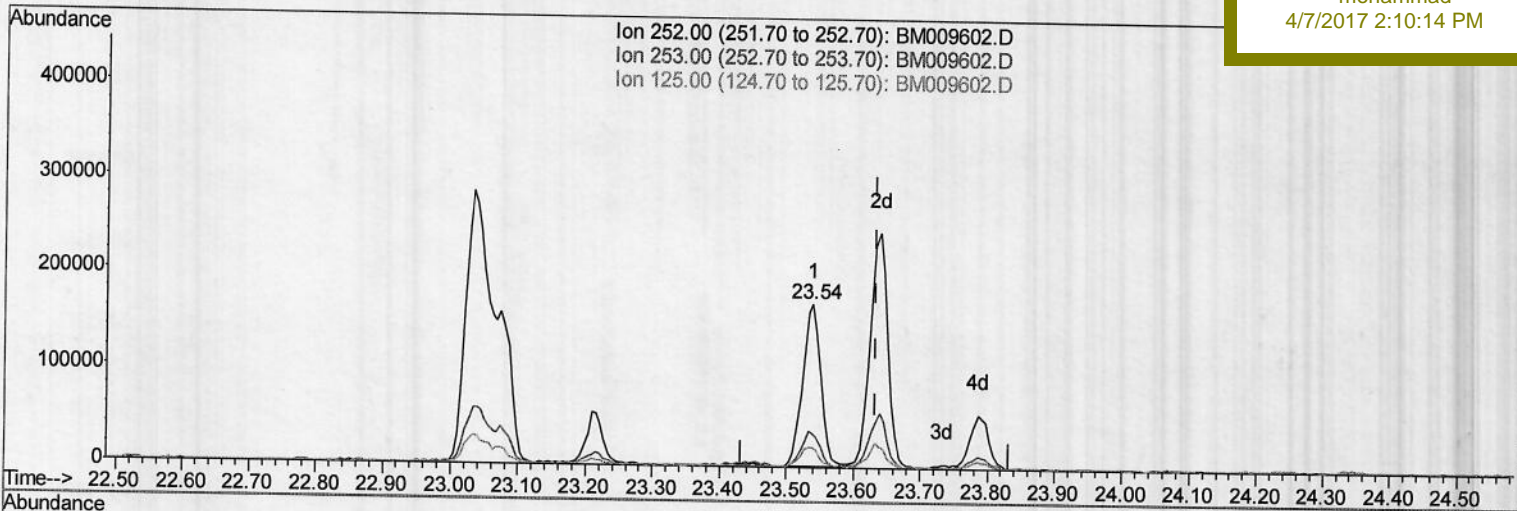
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\  
 Data File : BM009602.D  
 Acq On : 06 Apr 2017 20:11  
 Operator : SJ/MA  
 Sample : I2525-21  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB371

Quant Time: Apr 07 03:20:16 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M  
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Manual Integrations  
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TIC: BM009602.D

(27) Benzo(a)pyrene (C)

23.538min (-0.094) 5.77ng/ul

response 318416

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	20.64
125.00	11.80	12.51
0.00	0.00	0.00



Quantitation Report (Qedit)

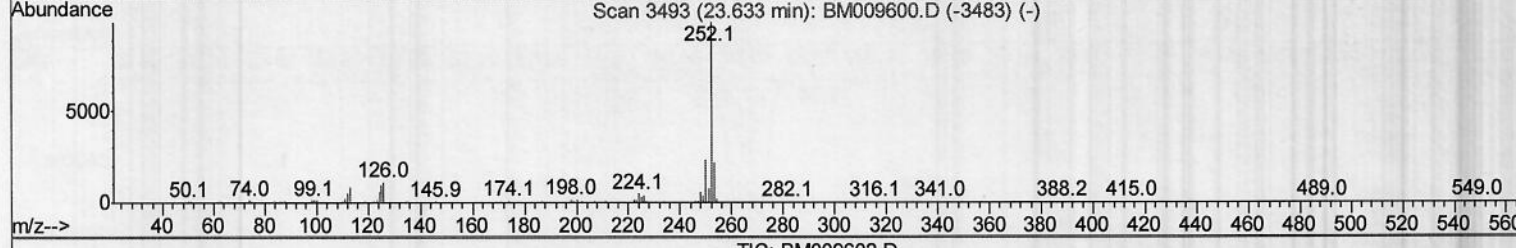
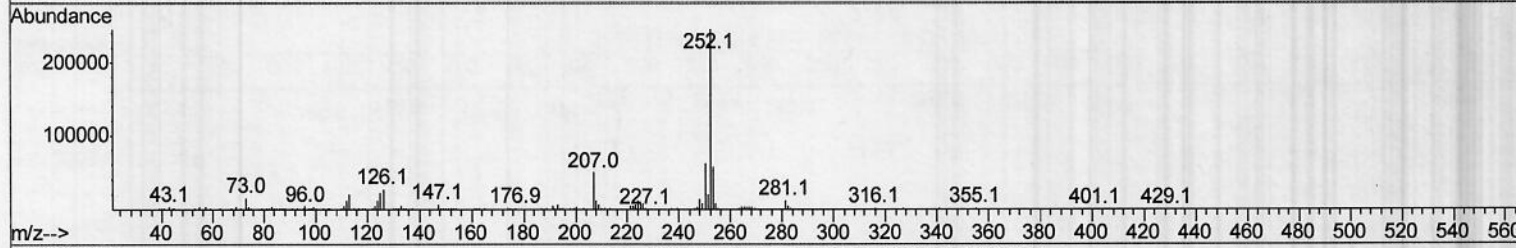
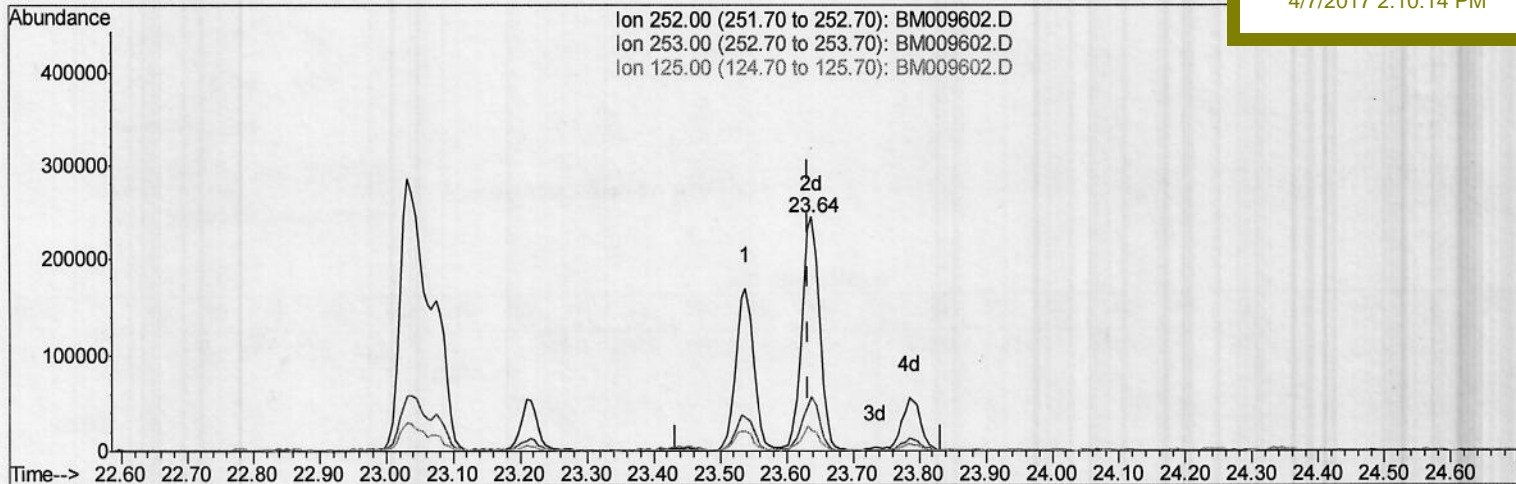
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\  
 Data File : BM009602.D  
 Acq On : 06 Apr 2017 20:11  
 Operator : SJ/MA  
 Sample : I2525-21  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 CB371

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 Quant Title : SVOA CALIBRATION  
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Manual Integrations  
 APPROVED

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 4/7/2017 2:10:14 PM



(27) Benzo(a)pyrene (C)

23.638min (+0.006) 8.27ng/ul m

*SS*  
*04/10/2017*

response 456701

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.31
125.00	11.80	8.85#
0.00	0.00	0.00



Quantitation Report (Qedit)

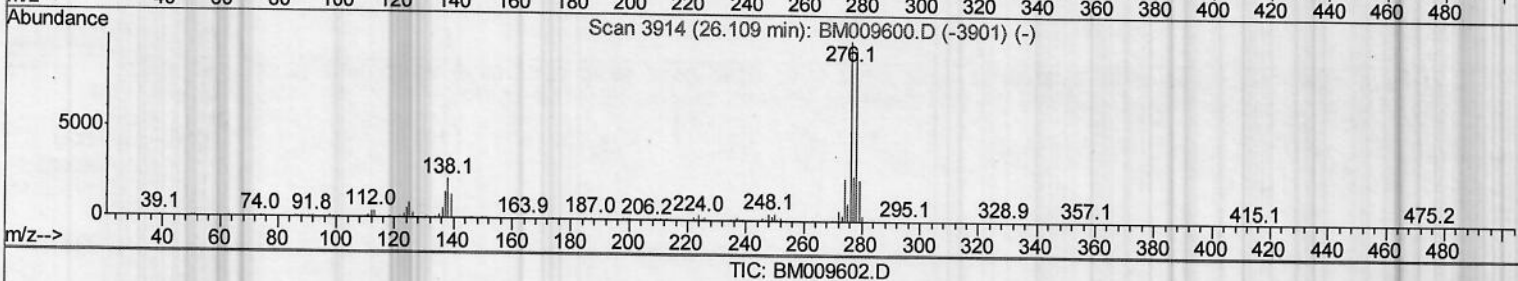
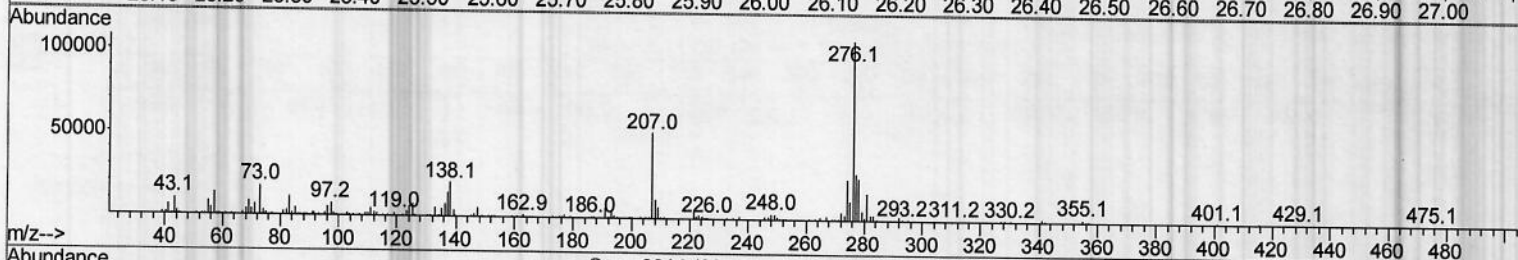
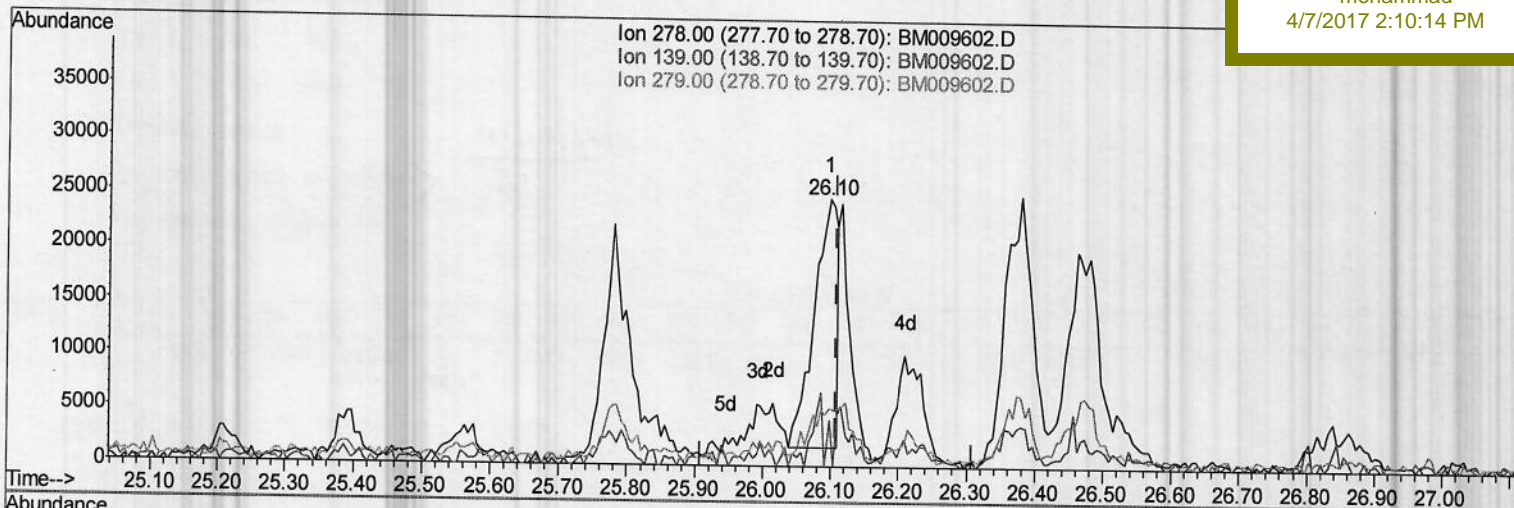
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 Data File : BM009602.D  
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 Operator : SJ/MA  
 Sample : I2525-21  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 CB371

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Manual Integrations  
 APPROVED

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TIC: BM009602.D

(29) Dibenzo(a,h)anthracene

26.097min (-0.012) 1.05ng/ul

response 55226

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.25
279.00	25.80	21.33
0.00	0.00	0.00



Quantitation Report (Qedit)

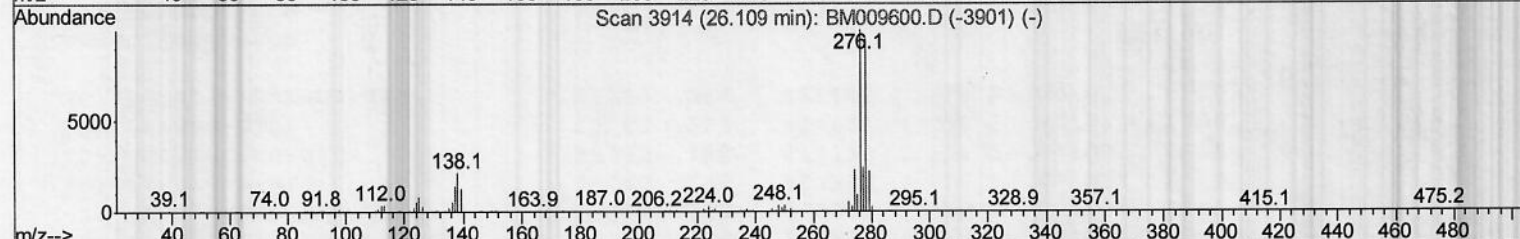
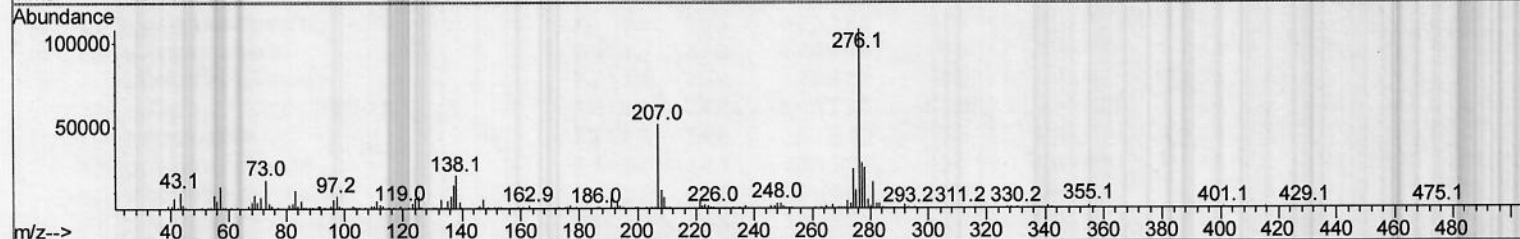
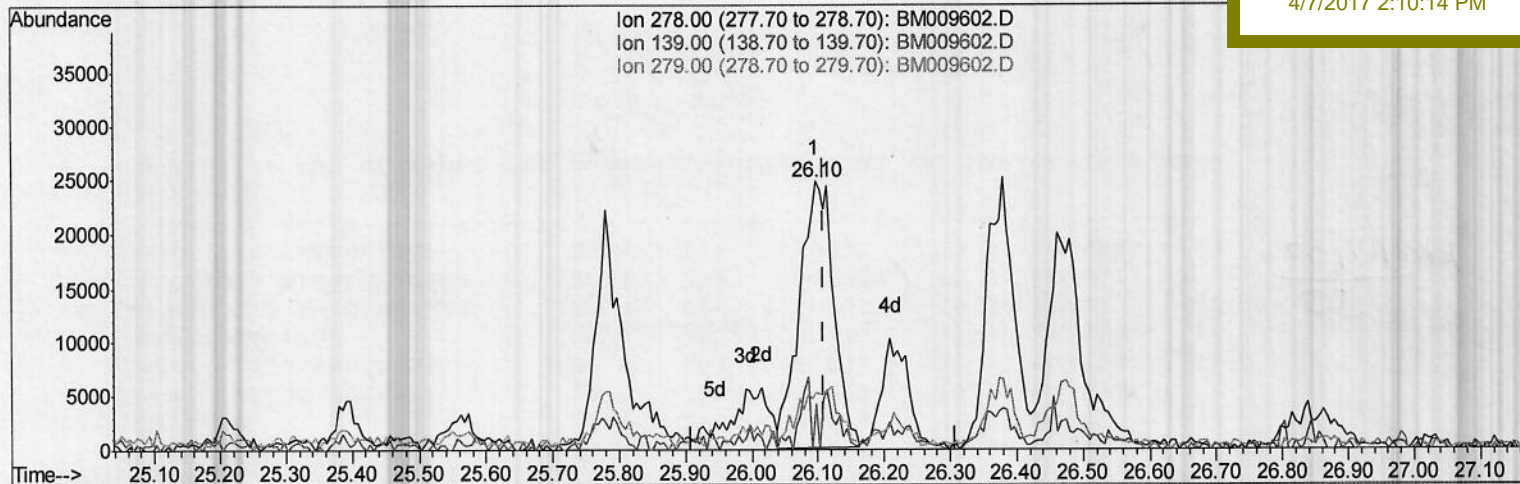
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 Operator : SJ/MA  
 Sample : I2525-21  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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 CB371

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Manual Integrations  
 APPROVED

mohammad  
 4/7/2017 2:10:14 PM



TIC: BM009602.D

(29) Dibenzo(a,h)anthracene

26.097min (-0.012) 1.67ng/ul m

SJ  
 04/10/2017

response 87670

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.25
279.00	25.80	21.33
0.00	0.00	0.00



Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\  
 Data File : BM009602.D  
 Acq On : 06 Apr 2017 20:11  
 Operator : SJ/MA  
 Sample : I2525-21  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual Integrations  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	133403	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	543924	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	305832	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	701712	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	972514	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	939326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	207976	24.87	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	978727	32.65	ng/ul	0.00
10) Fluorene-d10	15.48	176	707056	32.80	ng/ul	0.00
15) Anthracene-d10	17.33	188	1115744	33.23	ng/ul	0.00
19) Pyrene-d10	19.63	212	1349392	33.76	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1426270	34.39	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.54	153	20993	1.01	ng/ul	Qvalue 92
11) Fluorene	15.53	166	25680	1.02	ng/ul#	92
14) Phenanthrene	17.27	178	473748	12.01	ng/ul	97
16) Anthracene	17.37	178	104041	2.55	ng/ul	98
17) Fluoranthene	19.29	202	921247	18.75	ng/ul	95
20) Pyrene	19.66	202	892997	16.86	ng/ul	96
21) Benzo(a)anthracene	21.40	228	541314	9.84	ng/ul	99
22) Chrysene	21.45	228	503115	9.98	ng/ul	96
24) Benzo(b)fluoranthene	23.03	252	701496	12.08	ng/ul	97
25) Benzo(k)fluoranthene	23.07	252	195863m	3.54	ng/ul	95
27) Benzo(a)pyrene	23.64	252	456701m	8.27	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.10	276	304865	4.92	ng/ul	
29) Dibenzo(a,h)anthracene	26.10	278	87670m	1.67	ng/ul	94
30) Benzo(a,h,i)perylene	26.83	276	290405	5.69	ng/ul	

SJ  
 04/10/2017

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