

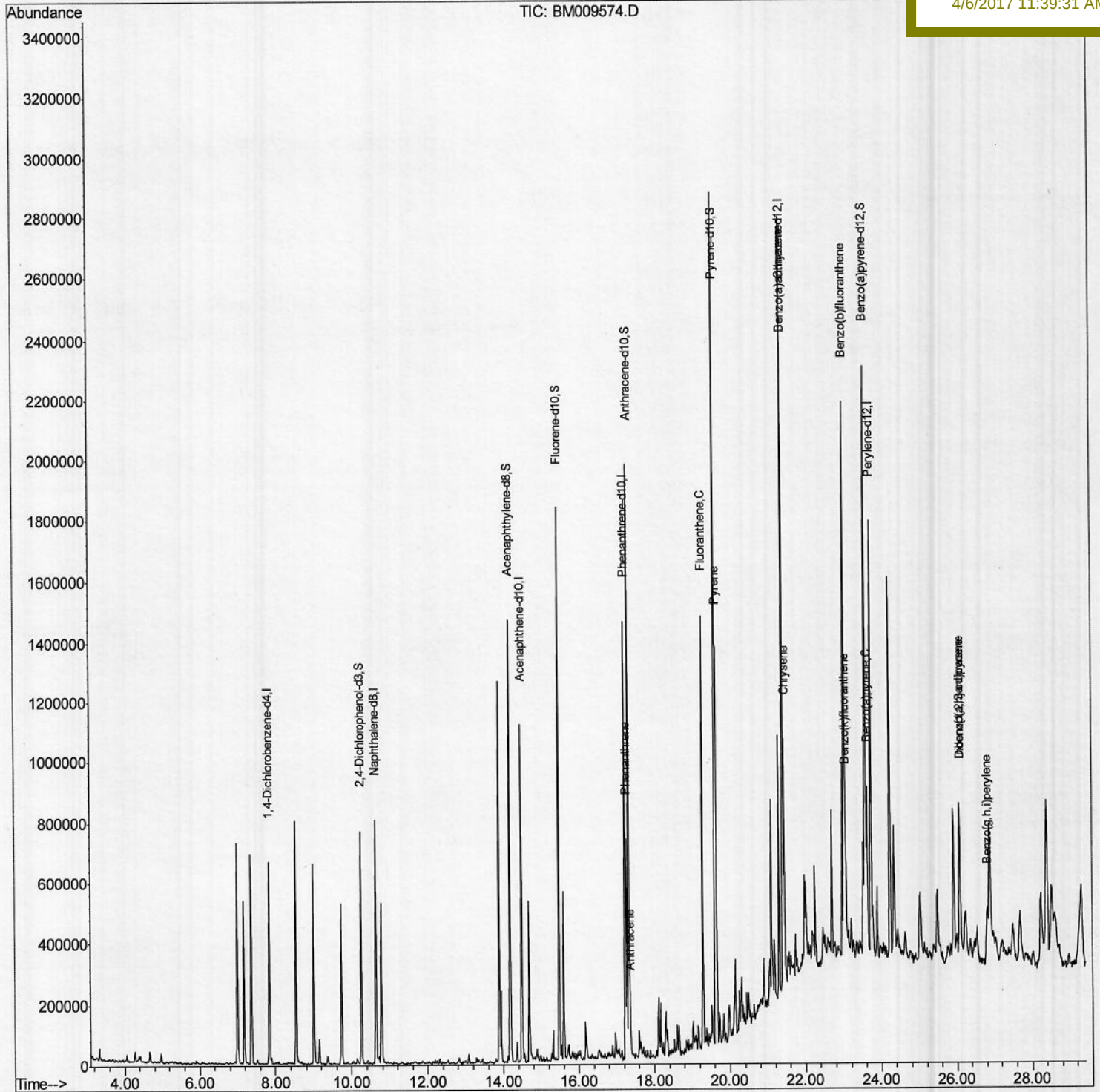
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\  
Data File : BM009574.D  
Acq On : 06 Apr 2017 00:57  
Operator : SJ/MA  
Sample : I2524-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1
```

Quant Time: Apr 06 04:04:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB327

Manual Integrations

mohammad
4/6/2017 11:39:31 AM



Quantitation Report (Qedit)

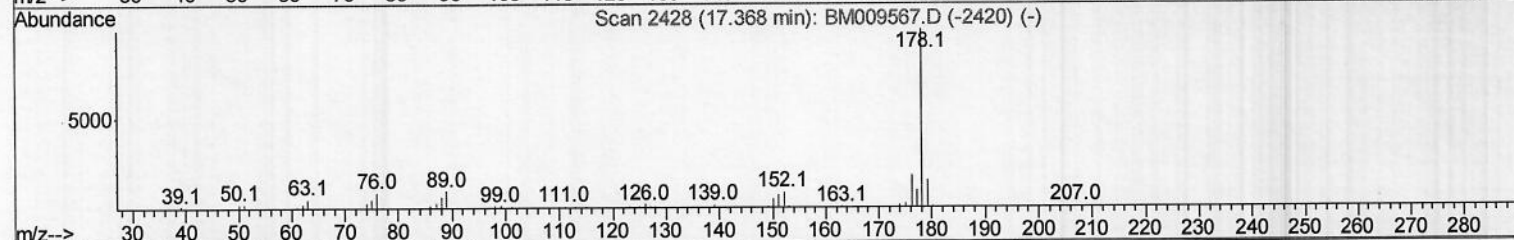
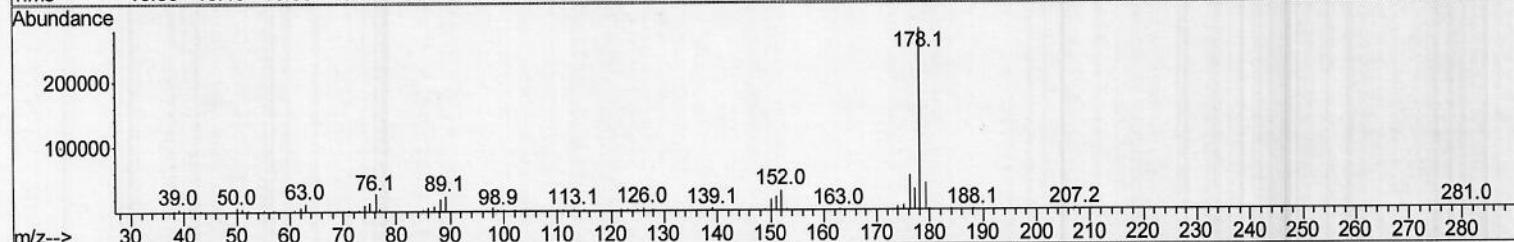
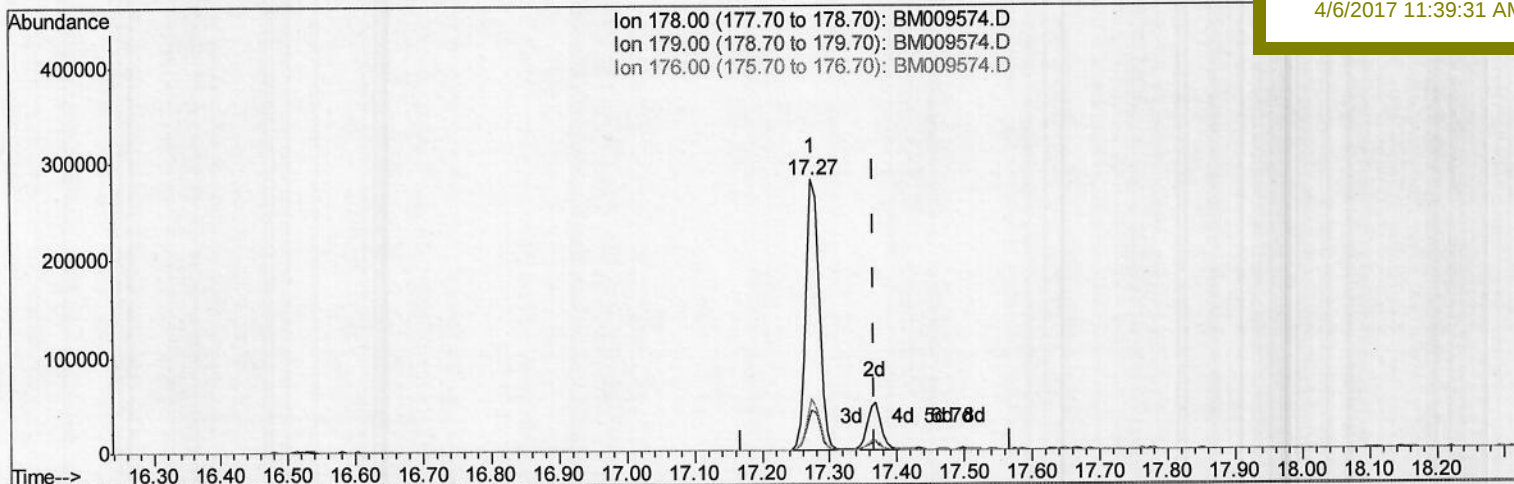
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009574.D
 Acq On : 06 Apr 2017 00:57
 Operator : SJ/MA
 Sample : I2524-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 06 03:50:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB327

Manual Integrations
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TIC: BM009574.D

(16) Anthracene

17.274min (-0.094) 8.52ng/ul

response 387098

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	14.99
176.00	19.80	19.39
0.00	0.00	0.00

Quantitation Report (Qedit)

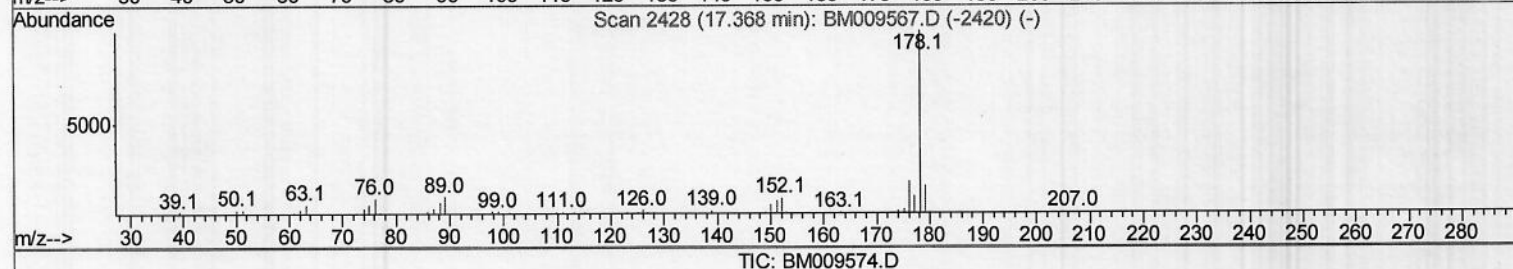
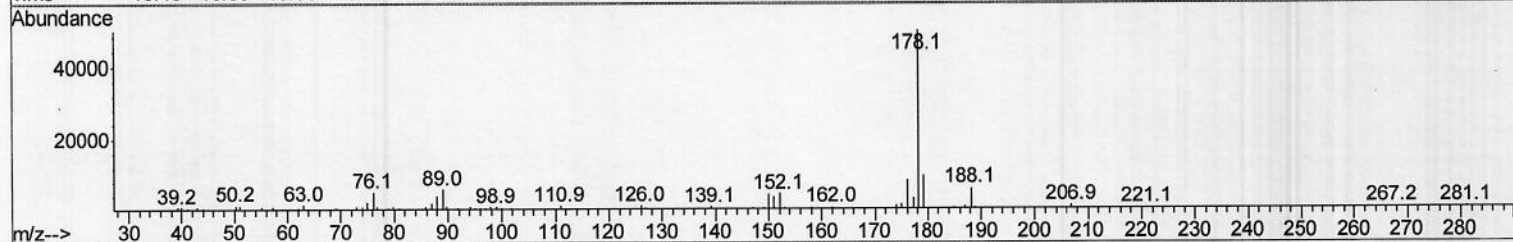
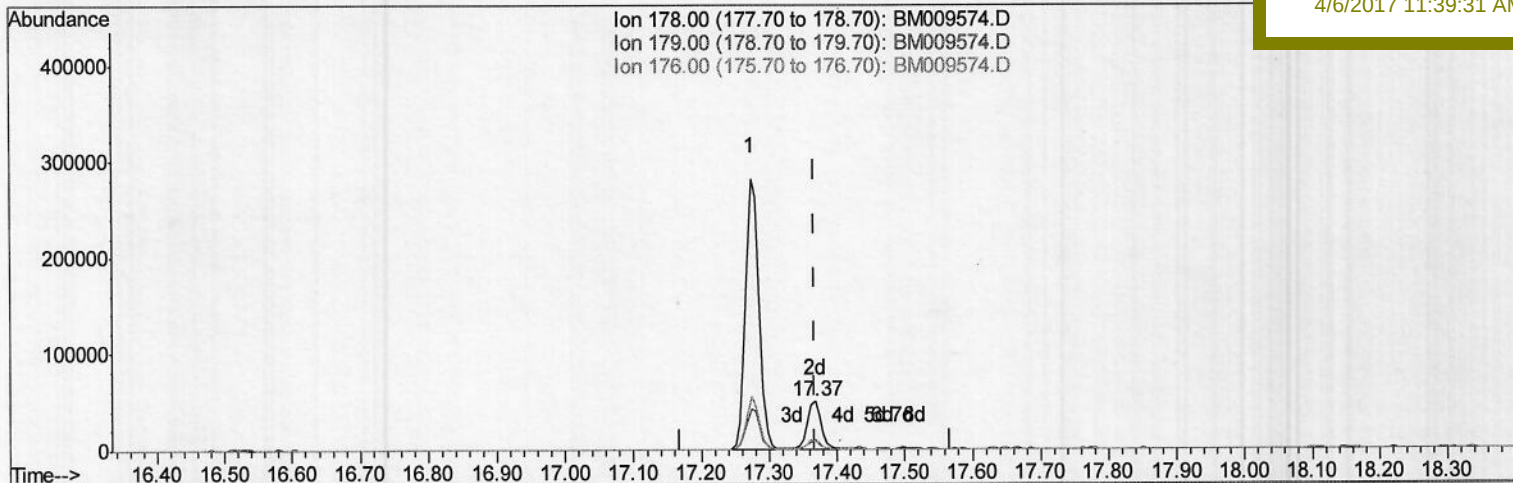
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009574.D
Acq On : 06 Apr 2017 00:57
Operator : SJ/MA
Sample : I2524-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 06 03:50:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB327

Manual Integrations
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(16) Anthracene

17.368min (+0.000) 1.55ng/ul m >

response 70258

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	19.68#
176.00	19.80	16.99
0.00	0.00	0.00

SJ
04/10/2017

Quantitation Report (Qedit)

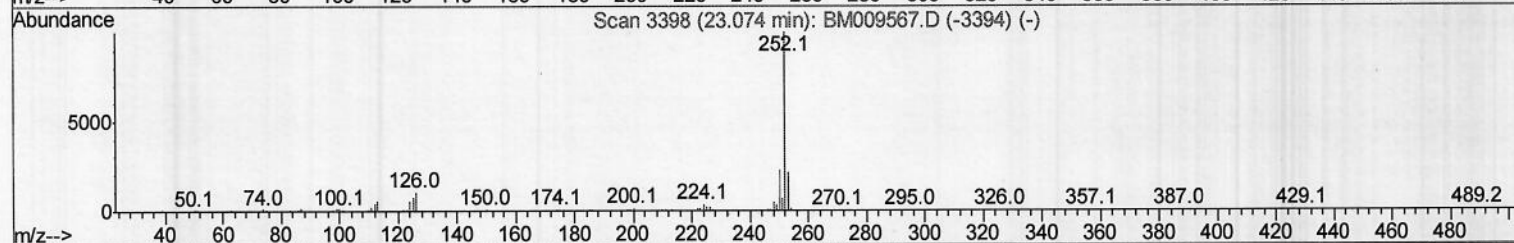
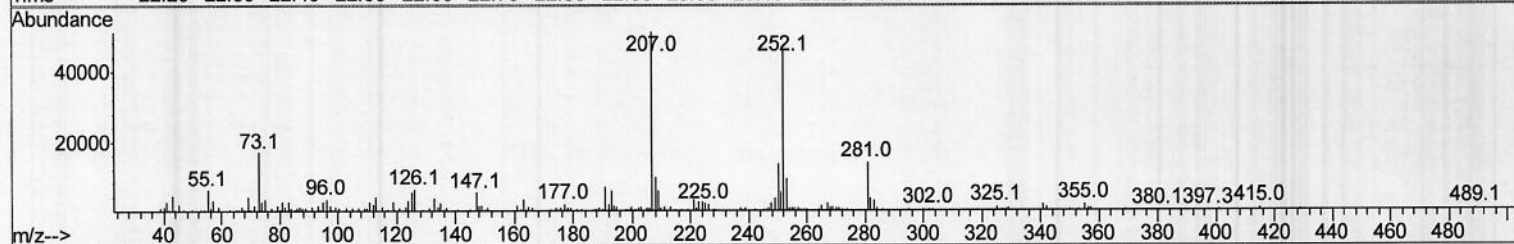
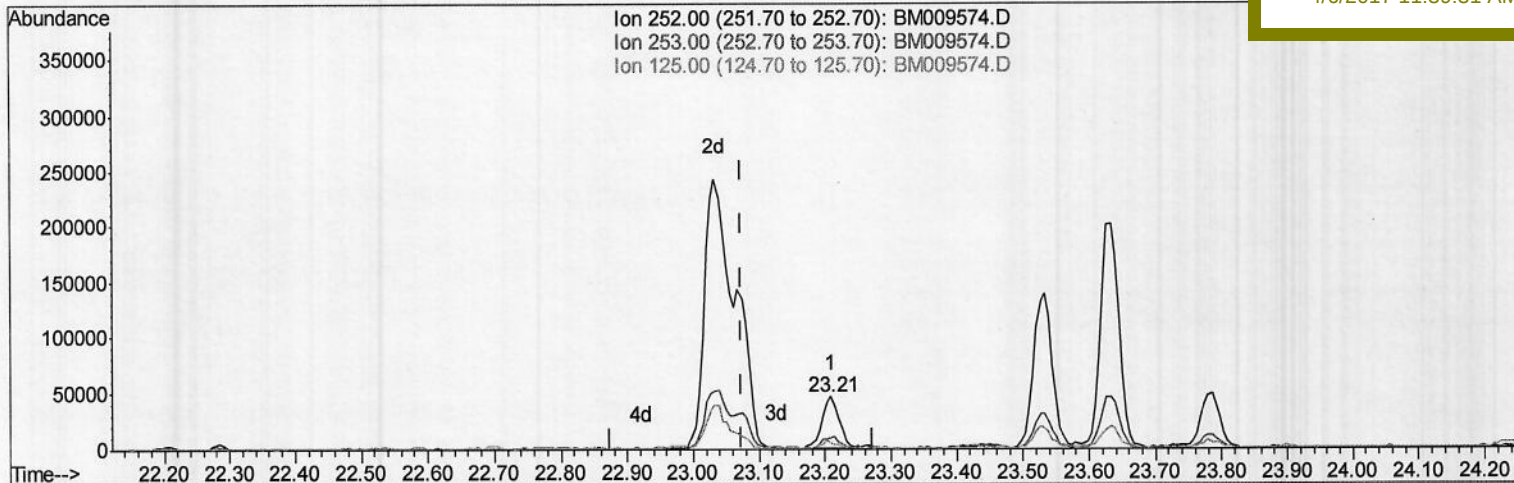
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009574.D
 Acq On : 06 Apr 2017 00:57
 Operator : SJ/MA
 Sample : I2524-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 CB327

Quant Time: Apr 06 03:50:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
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Manual Integrations
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TIC: BM009574.D

(25) Benzo(k)fluoranthene

23.209min (+0.135) 1.35ng/ul

response 82897

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.78
125.00	11.00	12.30
0.00	0.00	0.00

Quantitation Report (Qedit)

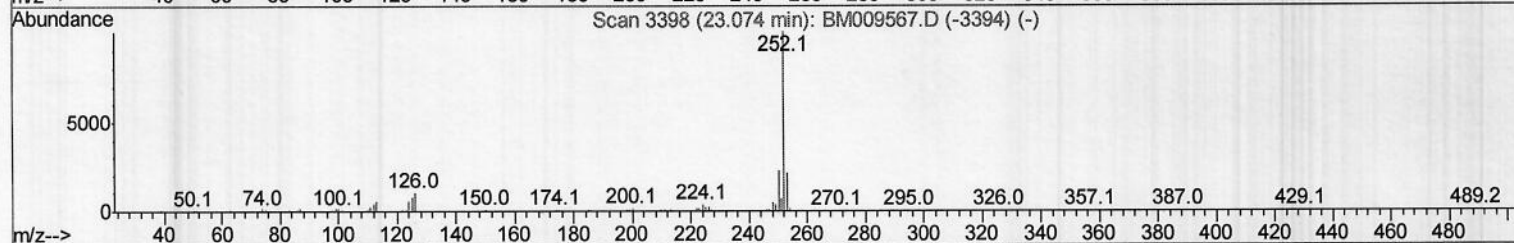
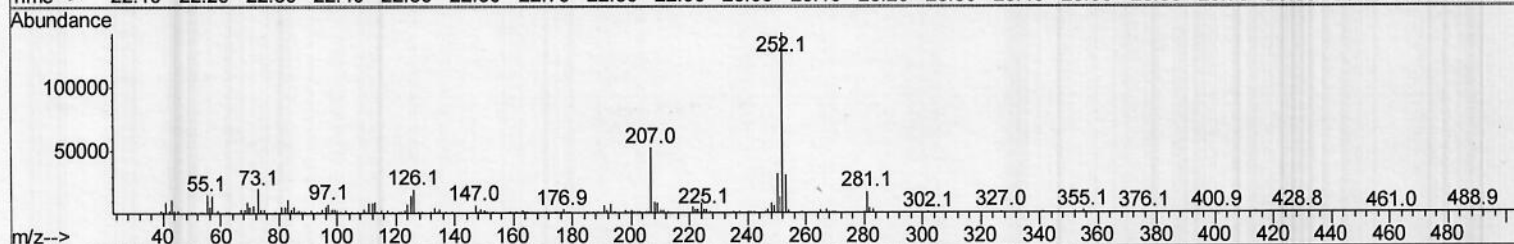
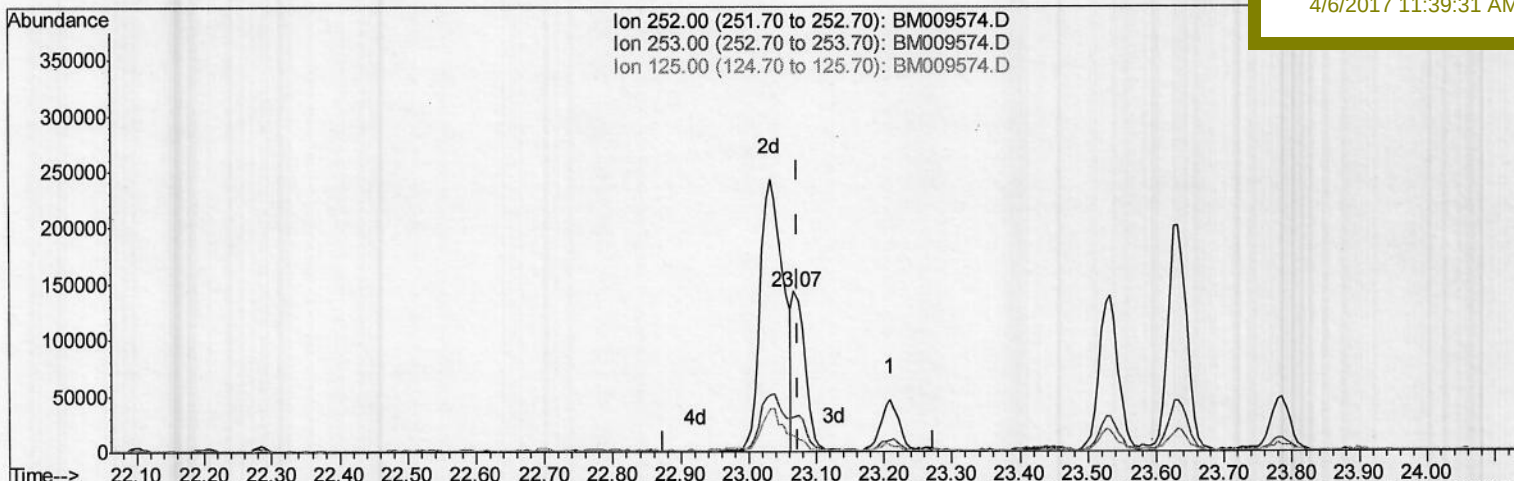
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009574.D
 Acq On : 06 Apr 2017 00:57
 Operator : SJ/MA
 Sample : I2524-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB327

Quant Time: Apr 06 03:50:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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TIC: BM009574.D

(25) Benzo(k)fluoranthene

23.068min (-0.006) 3.02ng/ul m

response 185000

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.60
125.00	11.00	9.84
0.00	0.00	0.00

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 04/10/2017

Quantitation Report (Qedit)

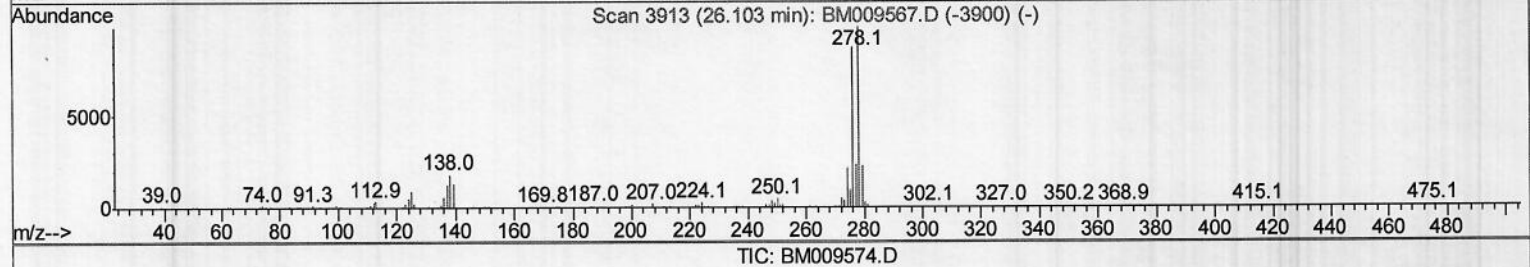
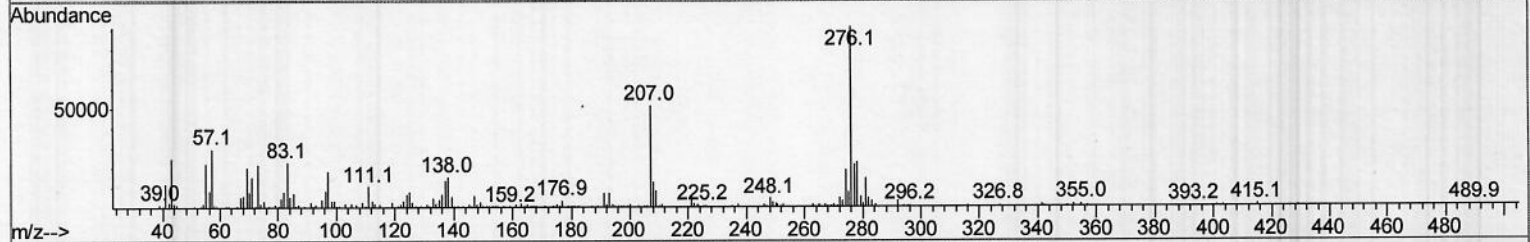
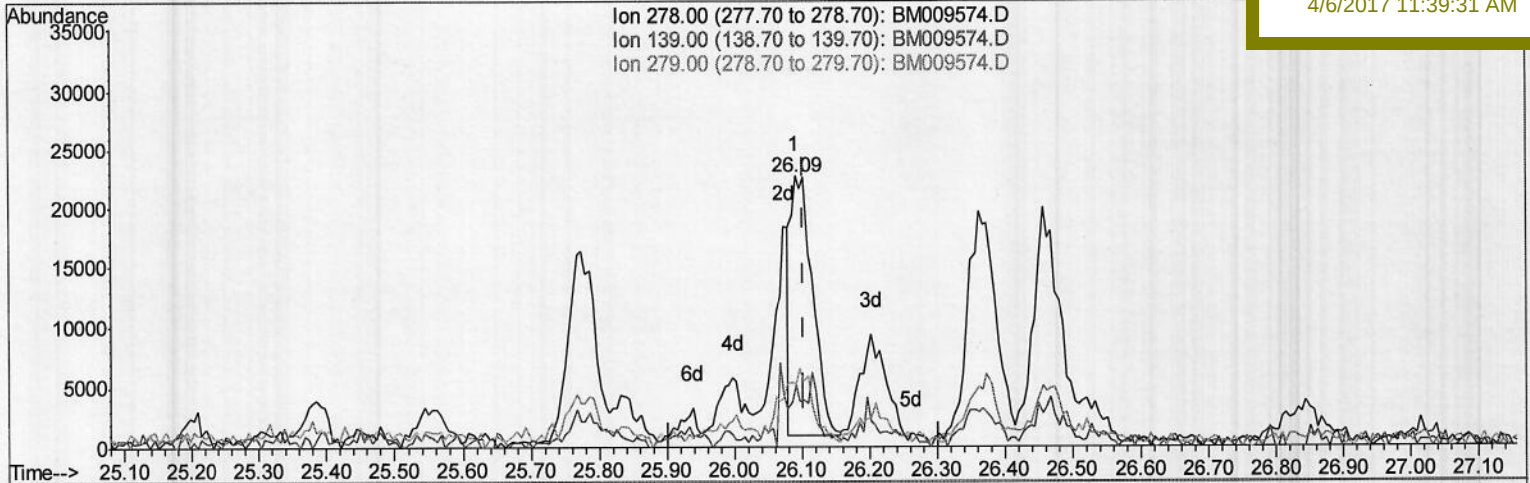
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009574.D
 Acq On : 06 Apr 2017 00:57
 Operator : SJ/MA
 Sample : I2524-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Ouant Time: Apr 06 04:03:26 2017
 Ouant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB327

Manual Integrations
 APPROVED

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(29) Dibenzo(a,h)anthracene

26.091min (-0.012) 0.82ng/ul

response 47486

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	22.94#
279.00	25.80	23.35
0.00	0.00	0.00

Quantitation Report (Qedit)

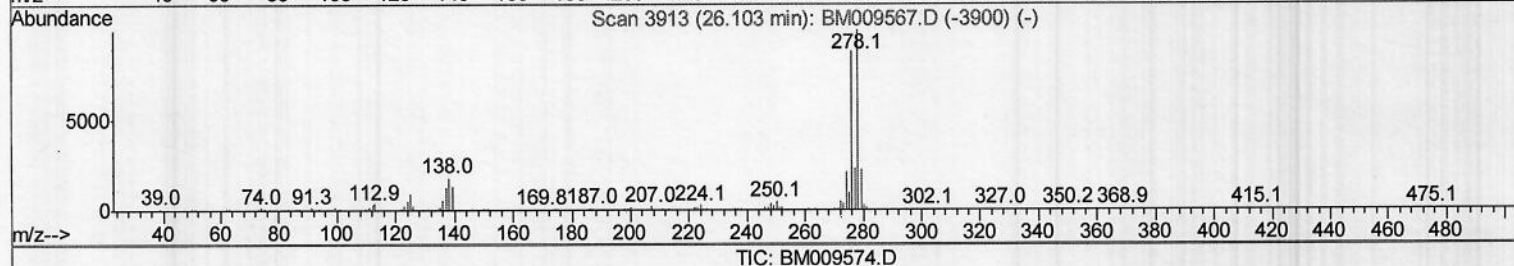
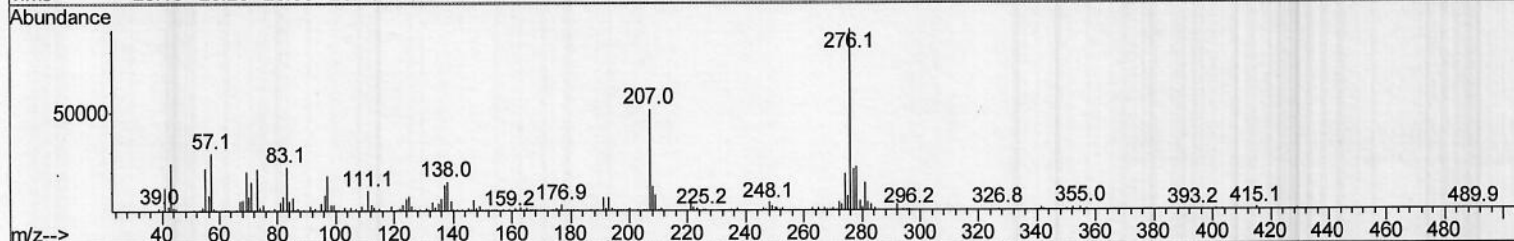
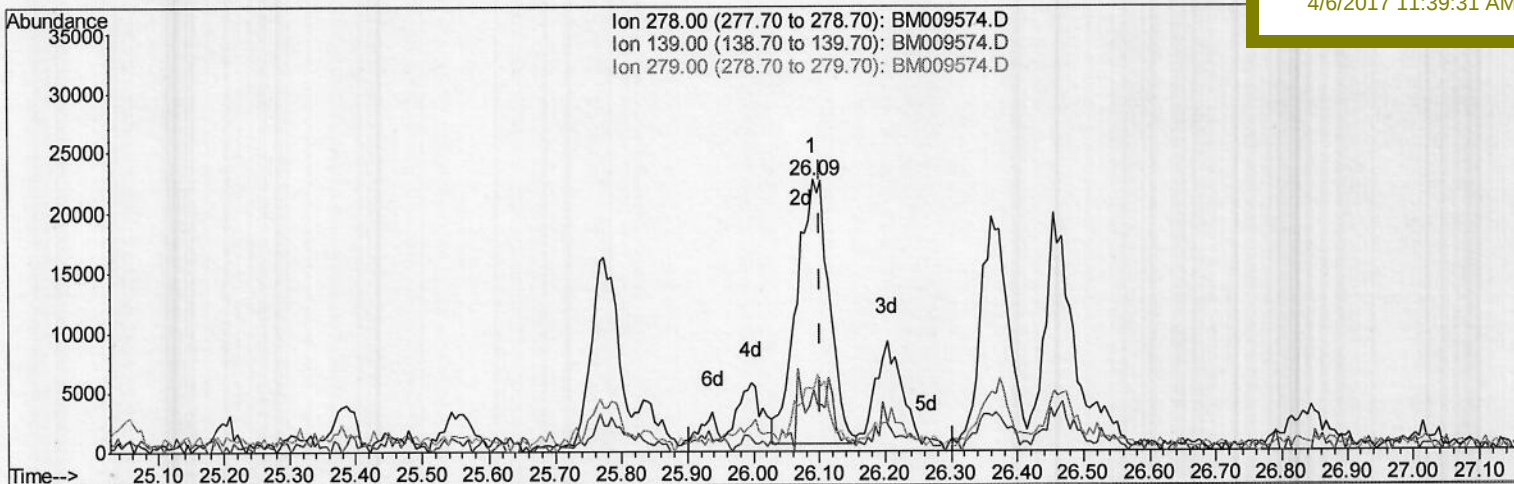
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009574.D
 Acq On : 06 Apr 2017 00:57
 Operator : SJ/MA
 Sample : I2524-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB327

Quant Time: Apr 06 04:03:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(29) Dibenzo(a,h)anthracene

26.091min (-0.012) 1.31ng/ul m

response 76266

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	22.94#
279.00	25.80	23.35
0.00	0.00	0.00

SJ
 06/10/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009574.D
 Acq On : 06 Apr 2017 00:57
 Operator : SJ/MA
 Sample : I2524-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 06 04:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB327

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	153071	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	588118	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	336965	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	781833	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1059948	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1039009	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.25	165	237633	26.28	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	921525	27.90	ng/ul	0.00
10) Fluorene-d10	15.48	176	656989	27.66	ng/ul	0.00
15) Anthracene-d10	17.33	188	1029904	27.53	ng/ul	0.00
19) Pyrene-d10	19.63	212	1285031	29.50	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1368275	29.83	ng/ul	0.00

Target Compounds

					Qvalue	
14) Phenanthrene	17.27	178	387098	8.81 ng/ul	98	
16) Anthracene	17.37	178	70258m	1.55 ng/ul		
17) Fluoranthene	19.29	202	792519	14.48 ng/ul	96	
20) Pyrene	19.66	202	715420	12.40 ng/ul	96	
21) Benzo(a)anthracene	21.40	228	451854	7.54 ng/ul	99	
22) Chrysene	21.45	228	439336	8.00 ng/ul	98	
24) Benzo(b)fluoranthene	23.03	252	585390	9.11 ng/ul#	94	
25) Benzo(k)fluoranthene	23.07	252	185000m	3.02 ng/ul		
27) Benzo(a)pyrene	23.63	252	380288	6.22 ng/ul	97	
28) Indeno(1,2,3-cd)pyrene	26.09	276	269018	3.93 ng/ul#	94	
29) Dibenzo(a,h)anthracene	26.09	278	76266m	1.31 ng/ul		
30) Benzo(a,h,i)perylene	26.81	276	232950	4.12 ng/ul#	88	

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

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 04/10/2017

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