

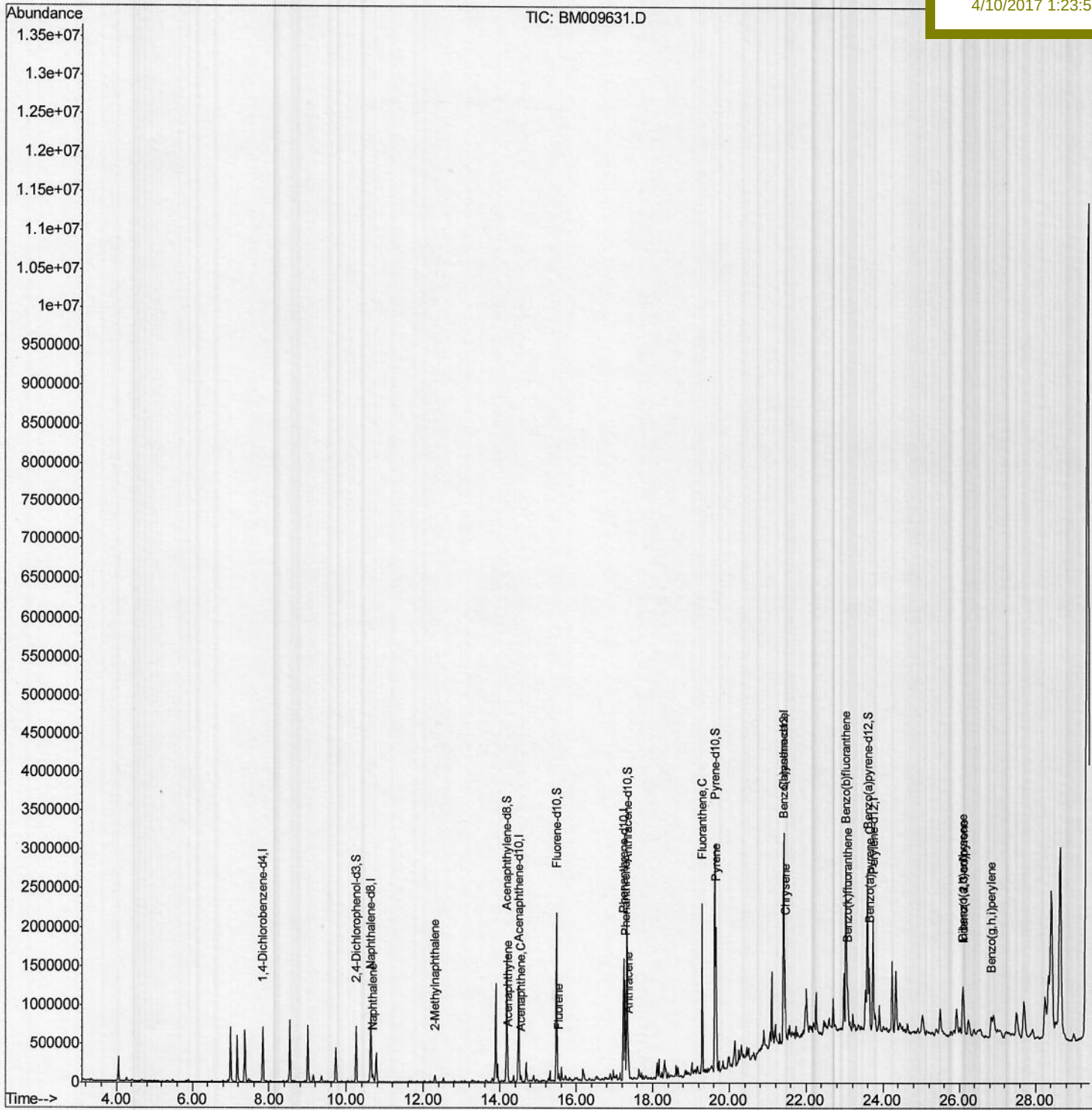
```
Data Path   : Z:\HPCHEM1\BNA_M\Data\BM040817\  
Data File  : BM009631.D  
Acq On     : 07 Apr 2017   16:26  
Operator   : SJ/MA  
Sample     : I2526-11  
Misc      :  
ALS Vial   : 14      Sample Multiplier: 1
```

Quant Time: Apr 07 18:12:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:29:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB381

Manual Integrations APPROVED

mohammad
4/10/2017 1:23:51 PM



Quantitation Report (Qedit)

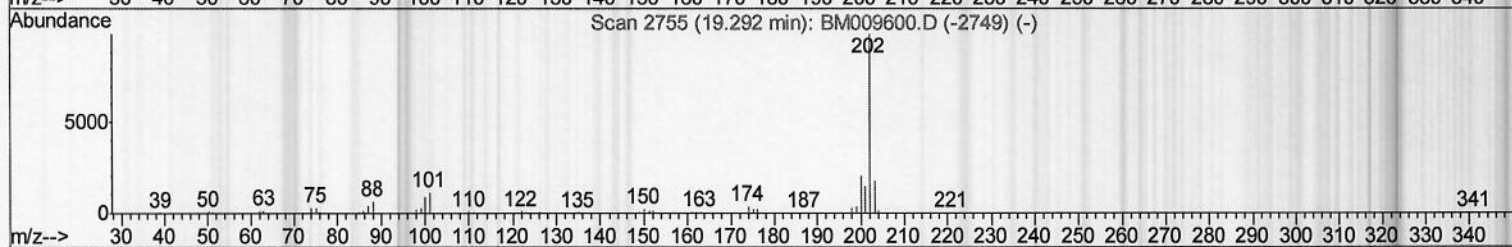
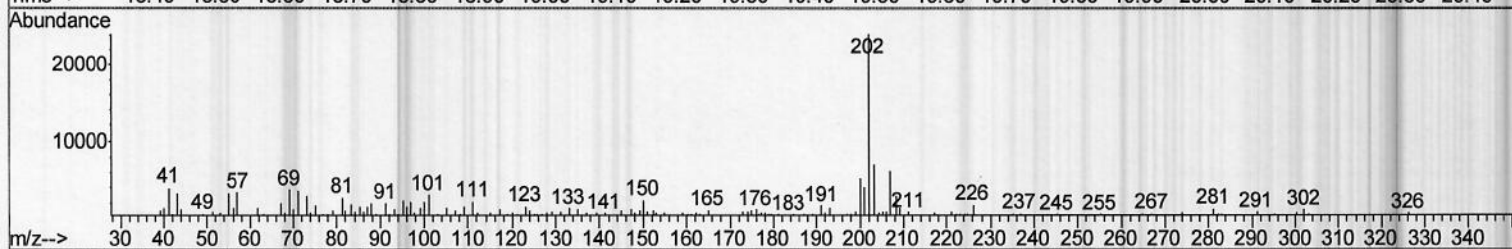
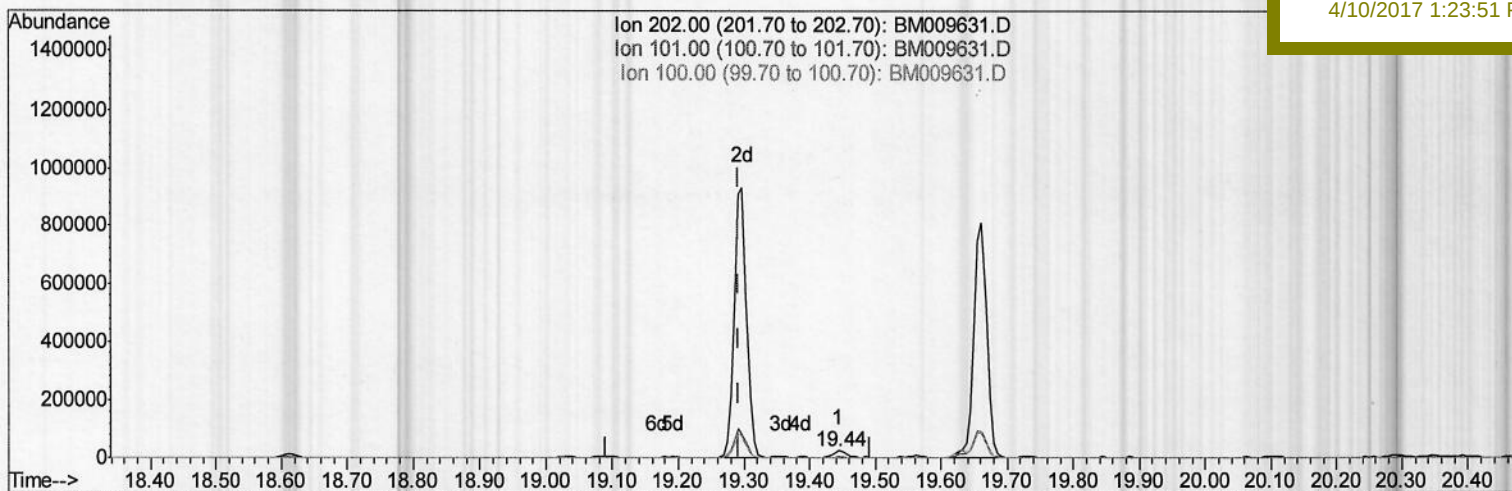
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009631.D
 Acq On : 07 Apr 2017 16:26
 Operator : SJ/MA
 Sample : I2526-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB381

Manual Integrations
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Quant Time: Apr 07 18:05:10 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



TIC: BM009631.D

(17) Fluoranthene (C)

19.445min (+0.153) 0.51ng/ul

response 30137

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.43
100.00	9.40	8.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009631.D
 Acq On : 07 Apr 2017 16:26
 Operator : SJ/MA
 Sample : I2526-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

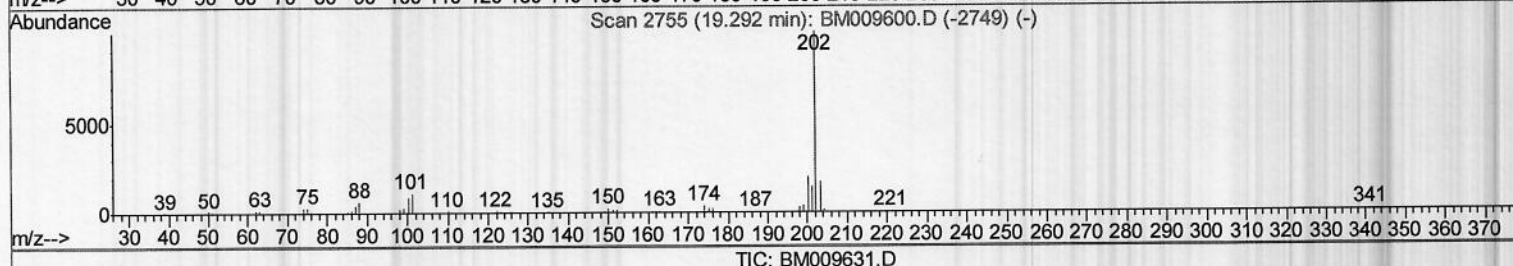
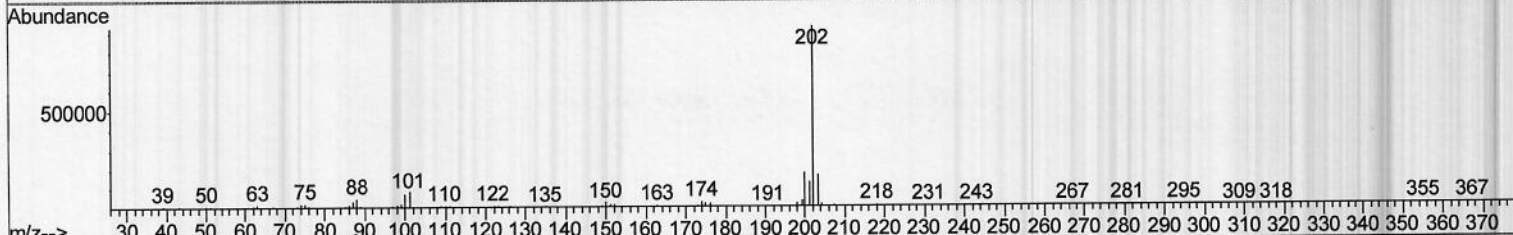
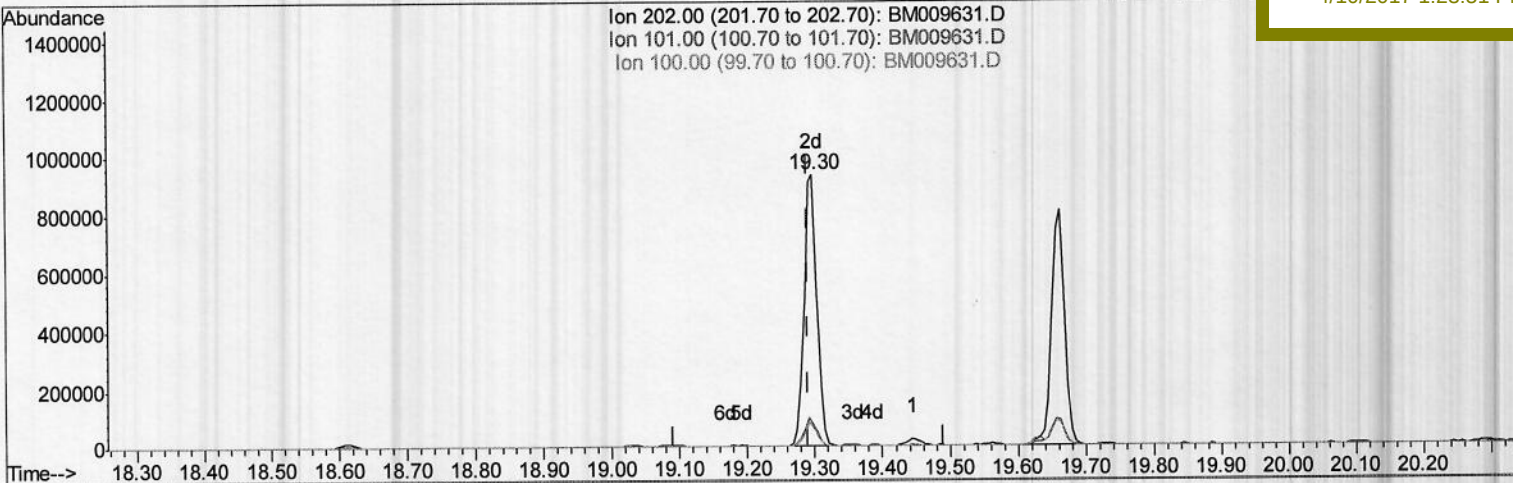
Instrument :
 BNA_M
 ClientSampleId :
 CB381

Manual Integrations
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 4/10/2017 1:23:51 PM

Quant Time: Apr 07 18:05:10 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

Ion 202.00 (201.70 to 202.70): BM009631.D
 Ion 101.00 (100.70 to 101.70): BM009631.D
 Ion 100.00 (99.70 to 100.70): BM009631.D



TIC: BM009631.D

(17) Fluoranthene (C)

19.298min (+0.006) 20.64ng/ul m

response 1226337

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	8.71#
100.00	9.40	7.72
0.00	0.00	0.00

SJ
 04/10/2017

Quantitation Report (Qedit)

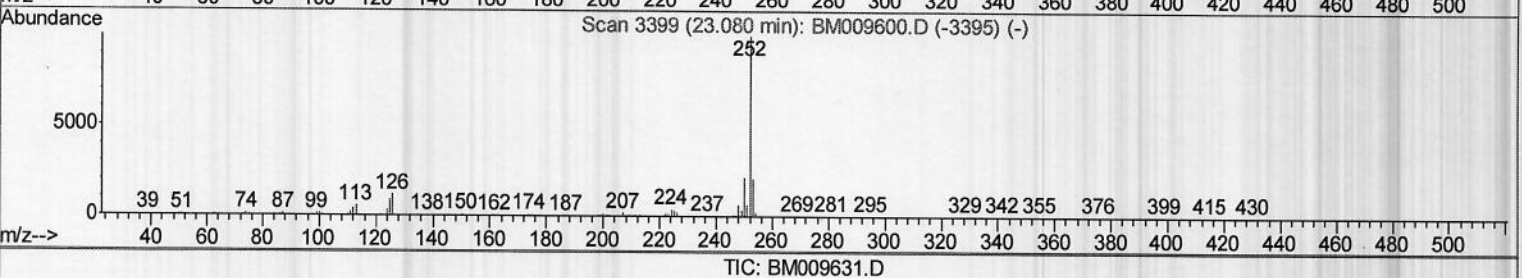
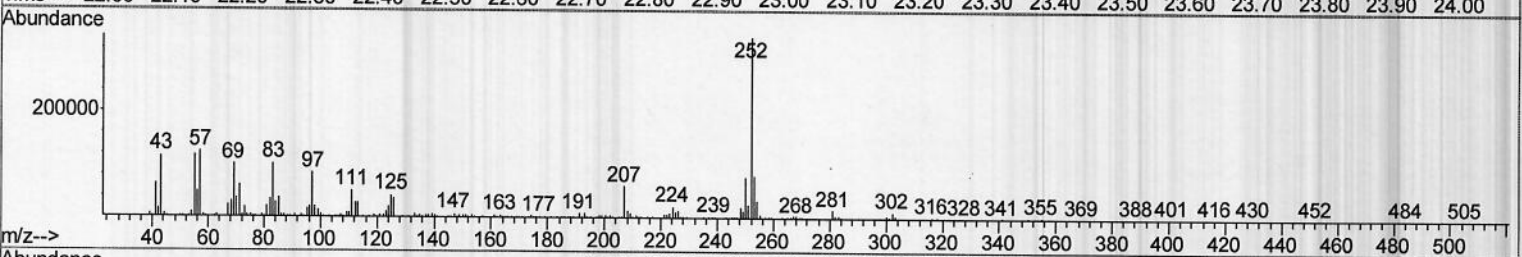
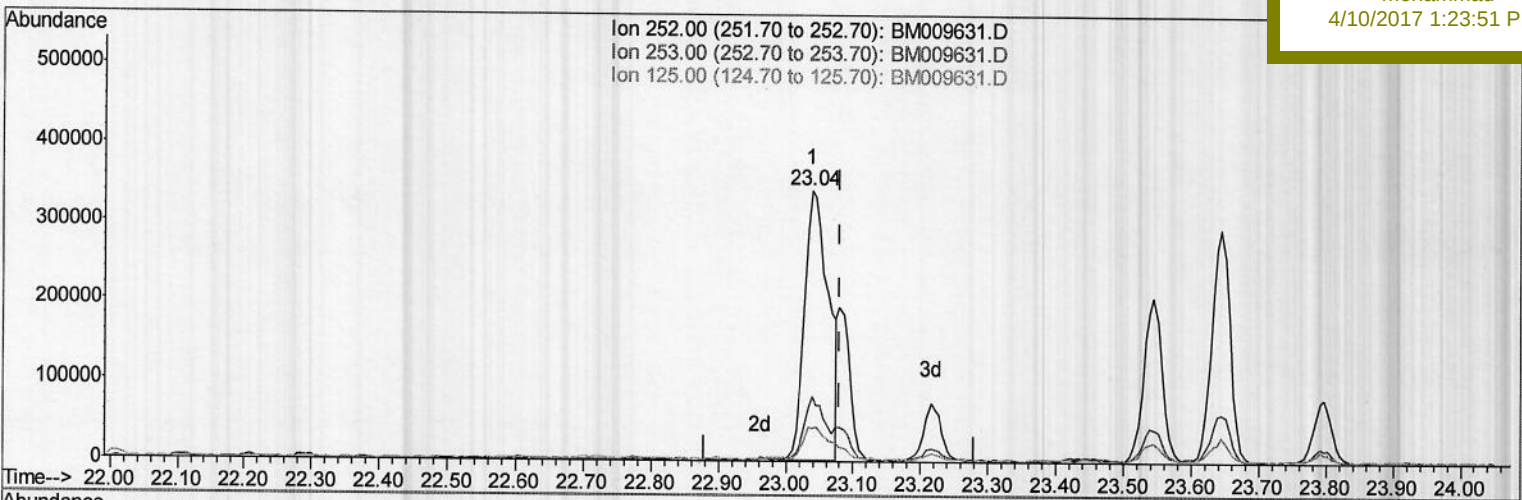
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009631.D
 Acq On : 07 Apr 2017 16:26
 Operator : SJ/MA
 Sample : I2526-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 07 18:05:10 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
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Instrument :
 BNA_M
 ClientSampleId :
 CB381

Manual Integrations
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(25) Benzo(k)fluoranthene

23.039min (-0.041) 13.64ng/ul

response 840225

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.46
125.00	11.00	12.50
0.00	0.00	0.00

Quantitation Report (Qedit)

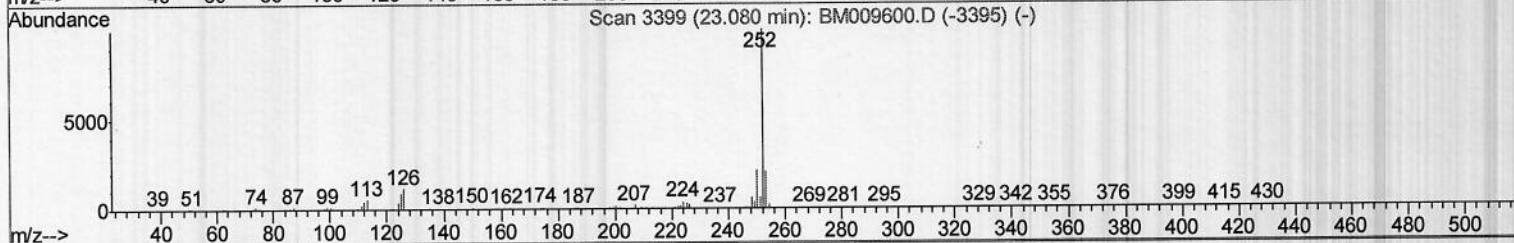
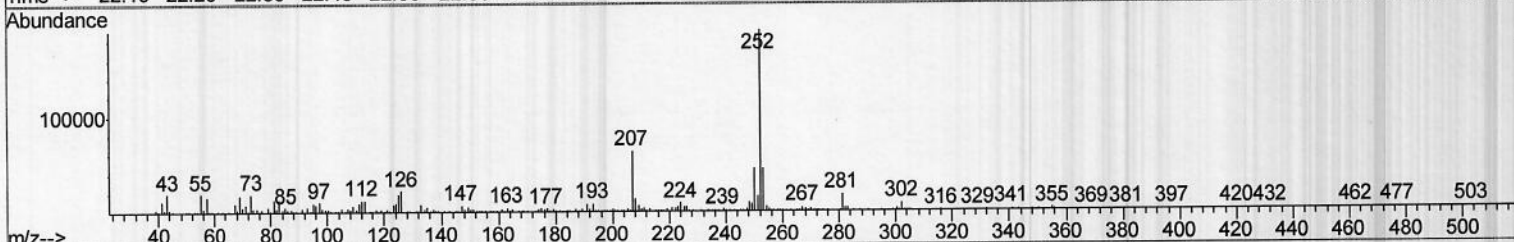
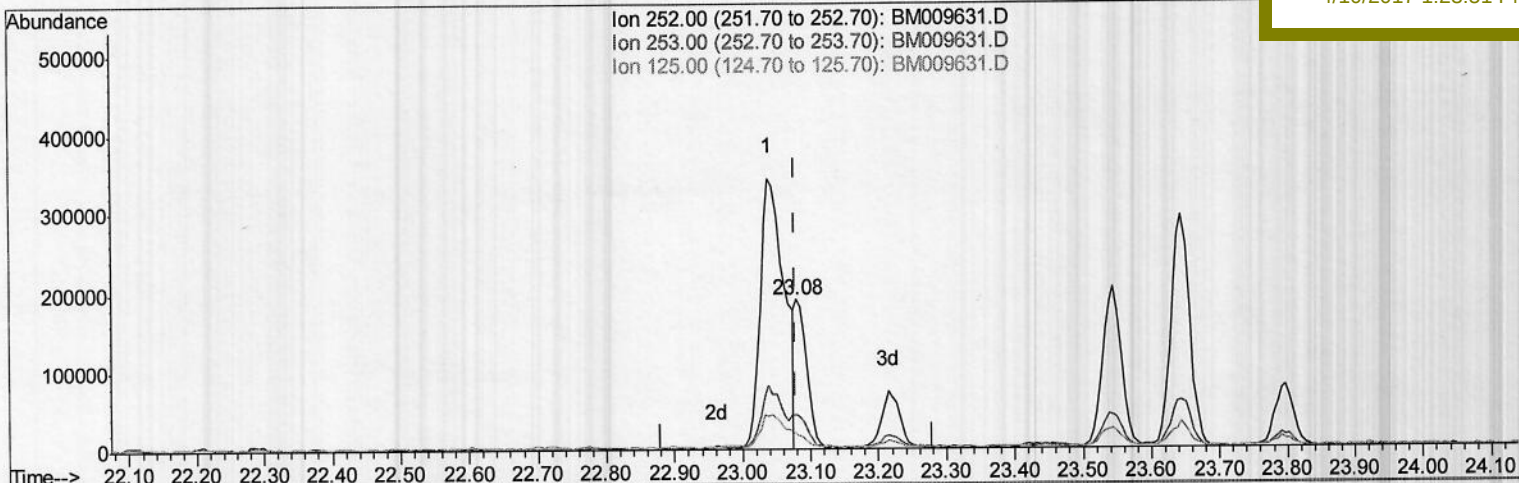
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
Data File : BM009631.D
Acq On : 07 Apr 2017 16:26
Operator : SJ/MA
Sample : I2526-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB381

Quant Time: Apr 07 18:05:10 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
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Manual Integrations
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TIC: BM009631.D

(25) Benzo(k)fluoranthene

23.080min (+0.000) 3.85ng/ul m

response 237144

Ion Exp% Act%

252.00 100 100

253.00 21.80 23.24

125.00 11.00 9.87

0.00 0.00 0.00

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04/10/2017

Quantitation Report (Qedit)

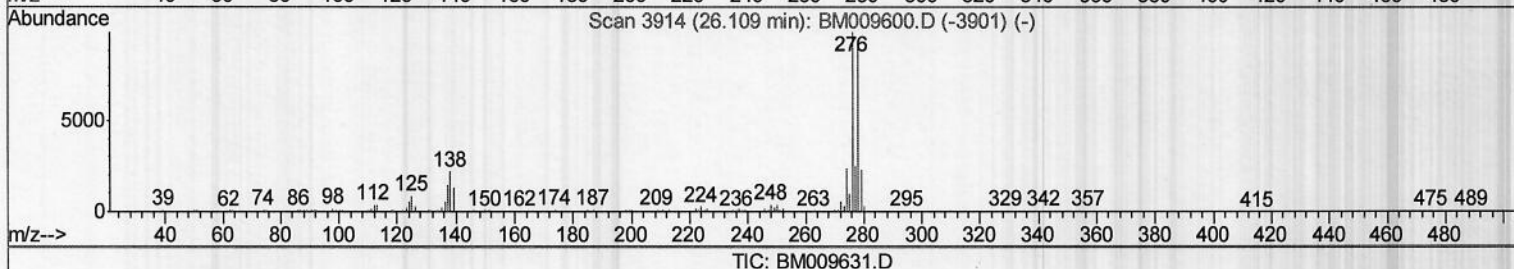
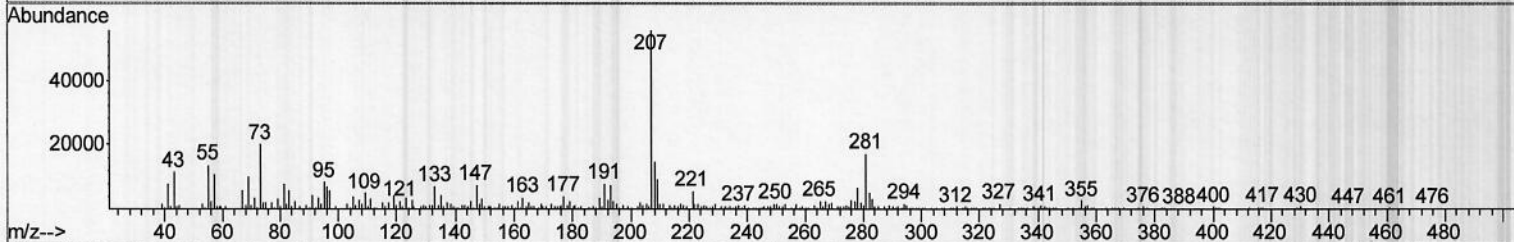
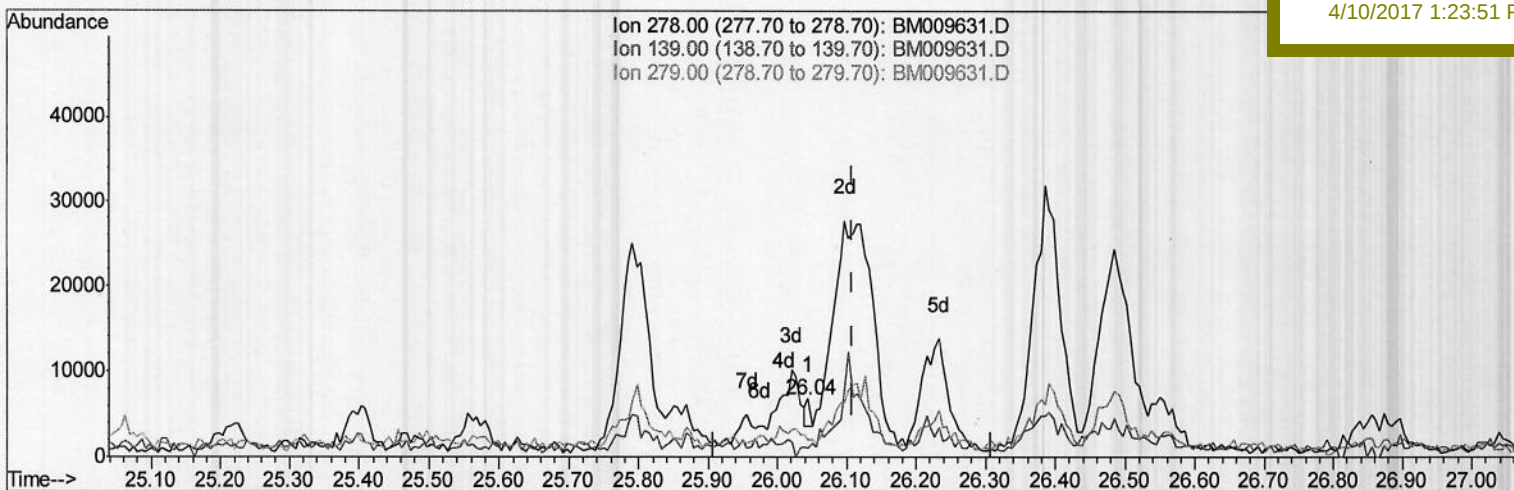
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
Data File : BM009631.D
Acq On : 07 Apr 2017 16:26
Operator : SJ/MA
Sample : I2526-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 07 18:05:10 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 :
CB381

Manual Integrations
APPROVED

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(29) Dibenzo(a,h)anthracene

26.044min (-0.065) 0.02ng/ul

response 1087

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	15.69
279.00	25.80	30.94
0.00	0.00	0.00

Quantitation Report (Qedit)

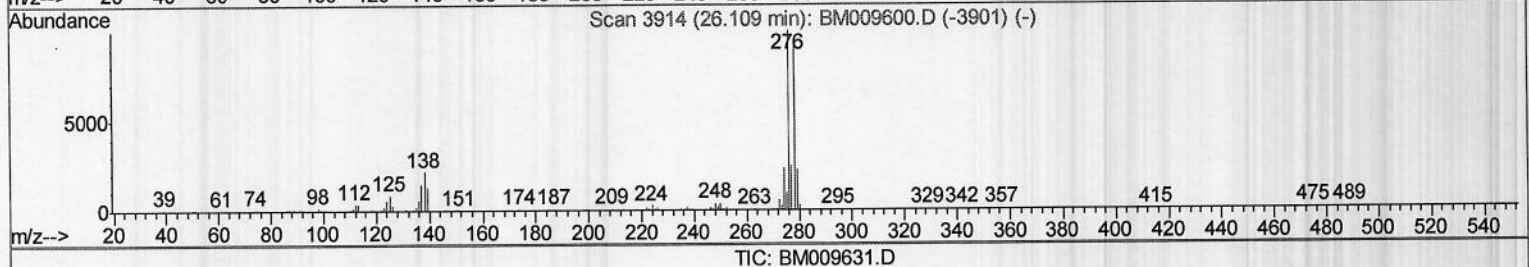
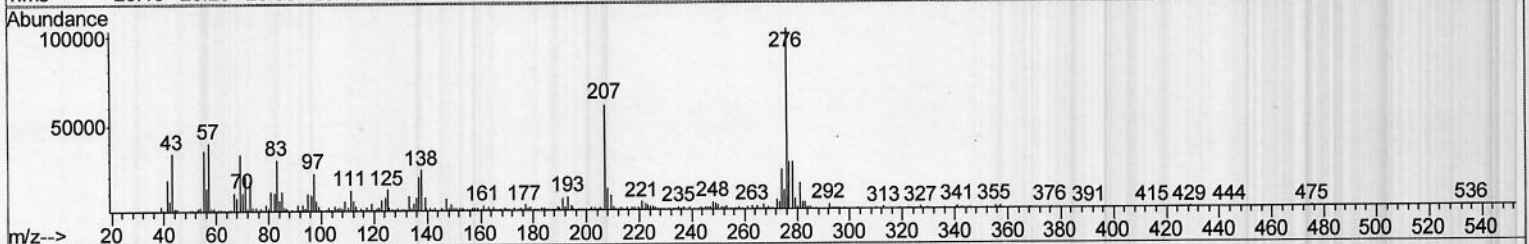
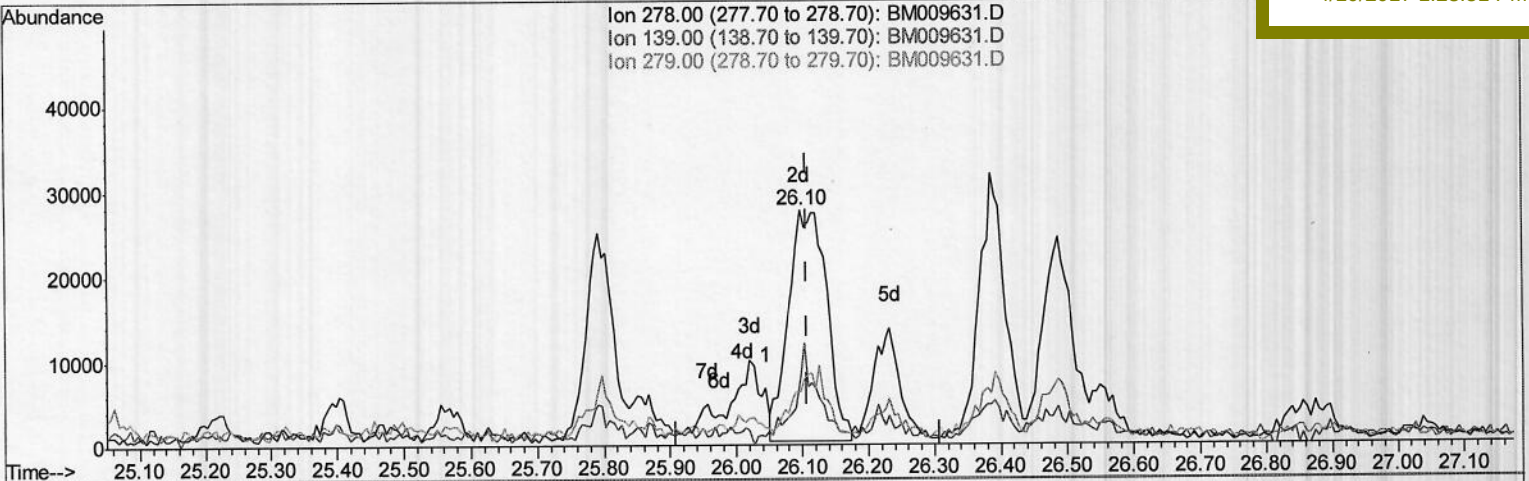
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009631.D
 Acq On : 07 Apr 2017 16:26
 Operator : SJ/MA
 Sample : I2526-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB381

Quant Time: Apr 07 18:05:10 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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 4/10/2017 1:23:51 PM



(29) Dibenzo(a,h)anthracene

26.097min (-0.012) 1.87ng/ul m

response 109490

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	28.83#
279.00	25.80	23.15
0.00	0.00	0.00

SJ
 04/10/2017

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009631.D
 Acq On : 07 Apr 2017 16:26
 Operator : SJ/MA
 Sample : I2526-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 CB381

Manual Integrations
 APPROVED

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 4/10/2017 1:23:51 PM

Quant Time: Apr 07 18:12:11 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	162933	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	646067	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	369555	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	848551	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1062159	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1045697	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	226318	22.78	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1076110	29.71	ng/ul	0.00
10) Fluorene-d10	15.48	176	756394	29.04	ng/ul	0.00
15) Anthracene-d10	17.33	188	1181417	29.10	ng/ul	0.00
19) Pyrene-d10	19.63	212	1384509	31.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1366642	29.60	ng/ul	0.00
Target Compounds						
						Qvalue
4) Naphthalene	10.69	128	62623	1.89	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	38906	1.61	ng/ul	93
8) Acenaphthylene	14.21	152	41612	1.15	ng/ul	96
9) Acenaphthene	14.54	153	29196	1.17	ng/ul	95
11) Fluorene	15.53	166	37006	1.21	ng/ul	93
14) Phenanthrene	17.28	178	689417	14.45	ng/ul	95
16) Anthracene	17.37	178	153720	3.12	ng/ul	97
17) Fluoranthene	19.30	202	1226337m	20.64	ng/ul	
20) Pyrene	19.66	202	1087022	18.80	ng/ul	94
21) Benzo(a)anthracene	21.40	228	625862	10.42	ng/ul	98
22) Chrysene	21.45	228	598110	10.87	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	840225	12.99	ng/ul	98
25) Benzo(k)fluoranthene	23.08	252	237144m	3.85	ng/ul	
27) Benzo(a)pyrene	23.64	252	548768	8.92	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.11	276	377841	5.48	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.10	278	109490m	1.87	ng/ul	
30) Benzo(g,h,i)perylene	26.84	276	337708	5.94	ng/ul#	91

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

SJ
 04/10/2017