

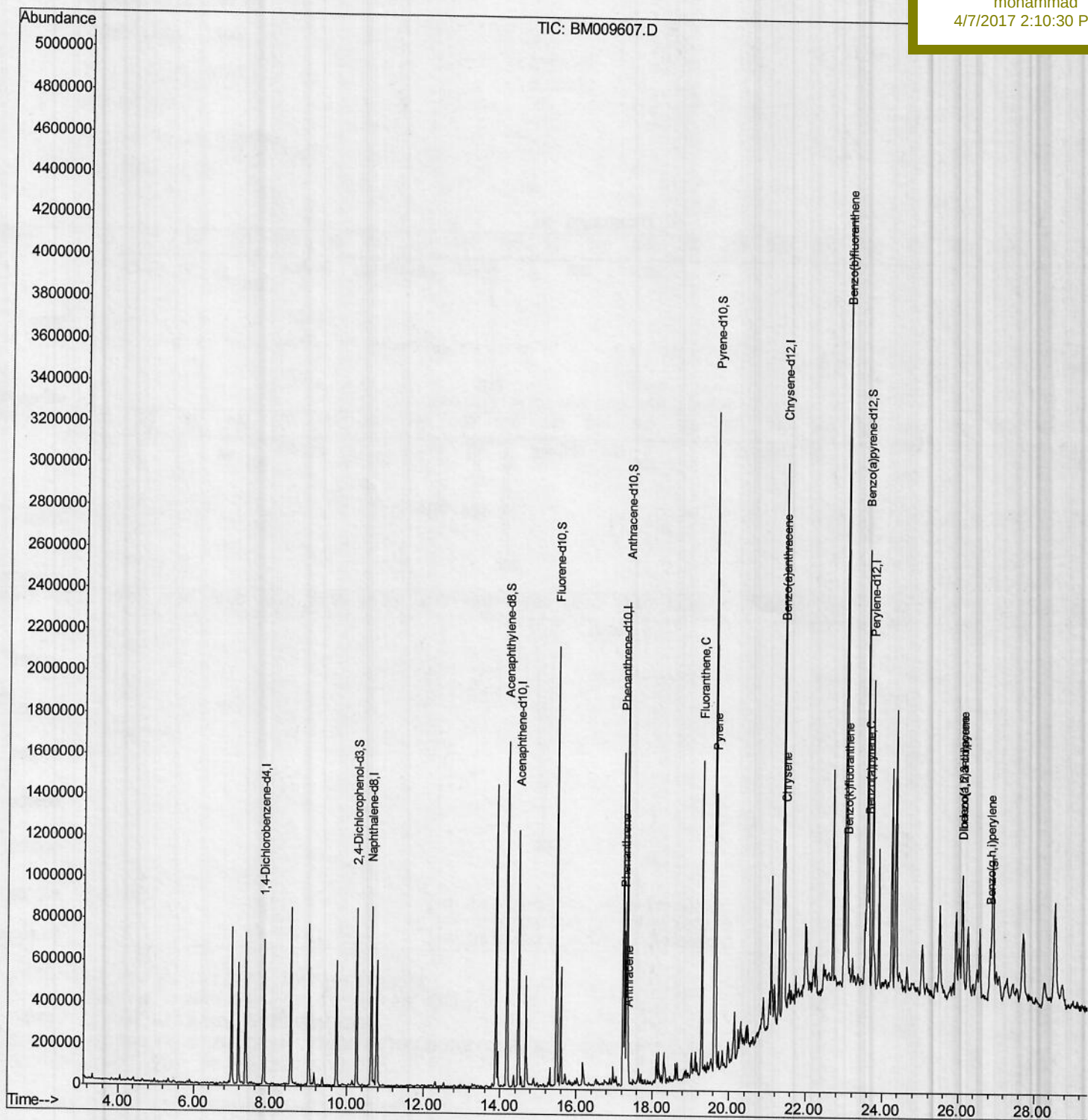
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009607.D
Acq On : 06 Apr 2017 23:11
Operator : SJ/MA
Sample : I2525-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:43:25 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 Sample ID :
CB347

Manual Integrations
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Quantitation Report (Qedit)

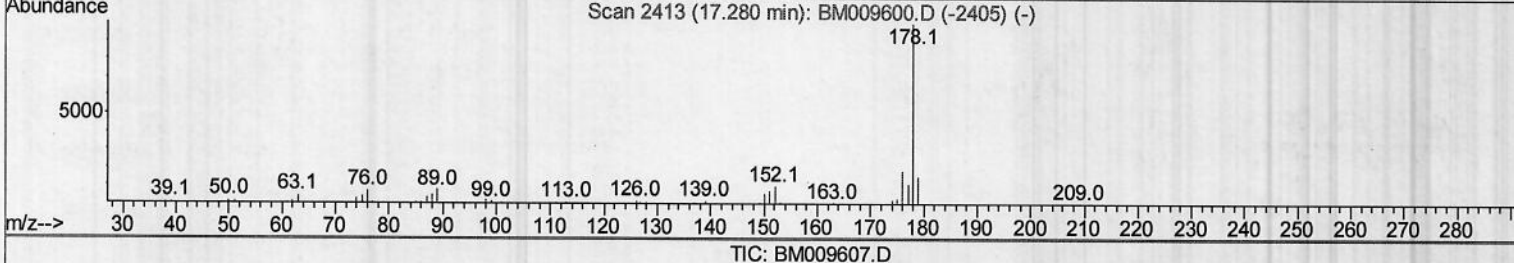
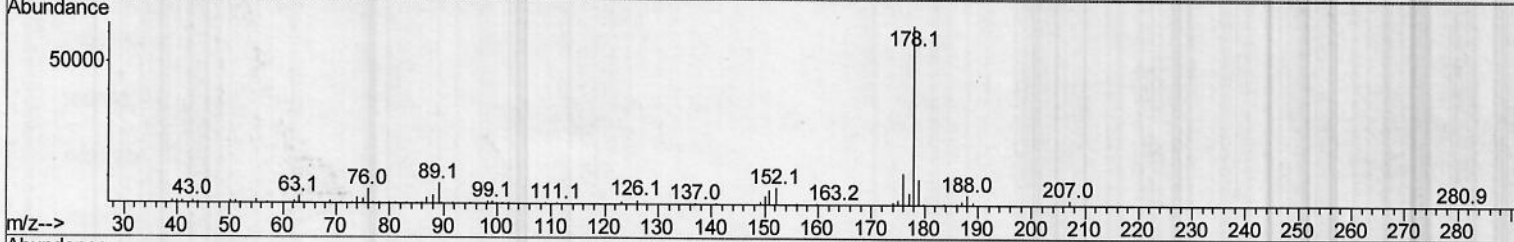
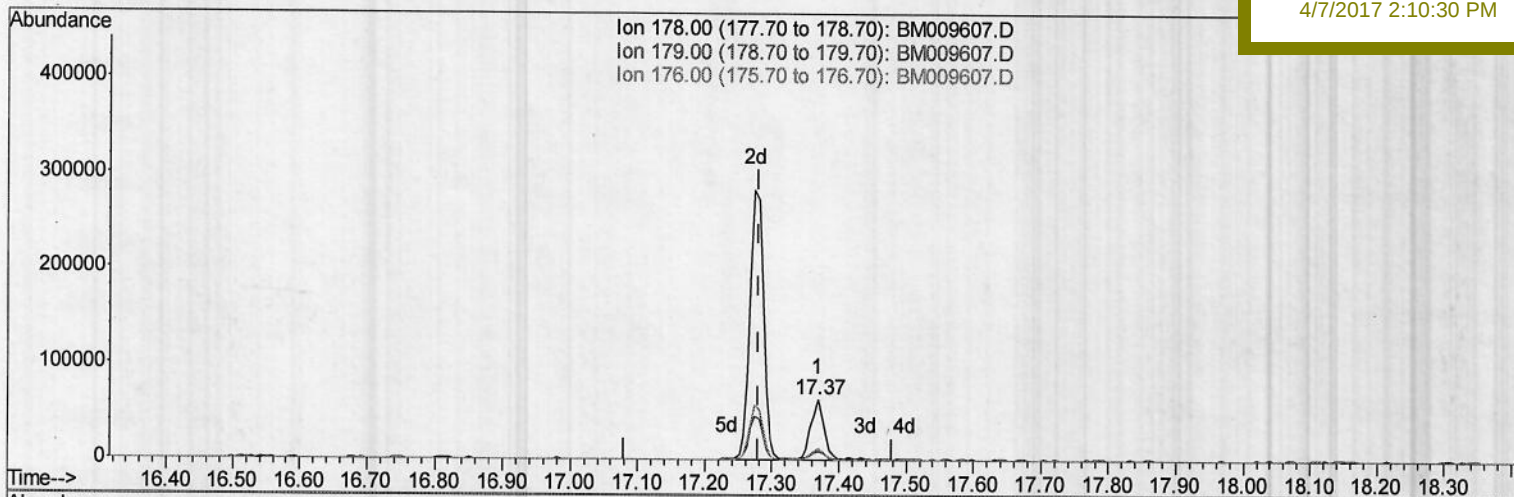
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:42:08 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 :
 CB347

Manual Integrations
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(14) Phenanthrene

17.368min (+0.088) 1.87ng/ul

response 89303

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	14.82
176.00	20.50	18.06
0.00	0.00	0.00

Quantitation Report (Qedit)

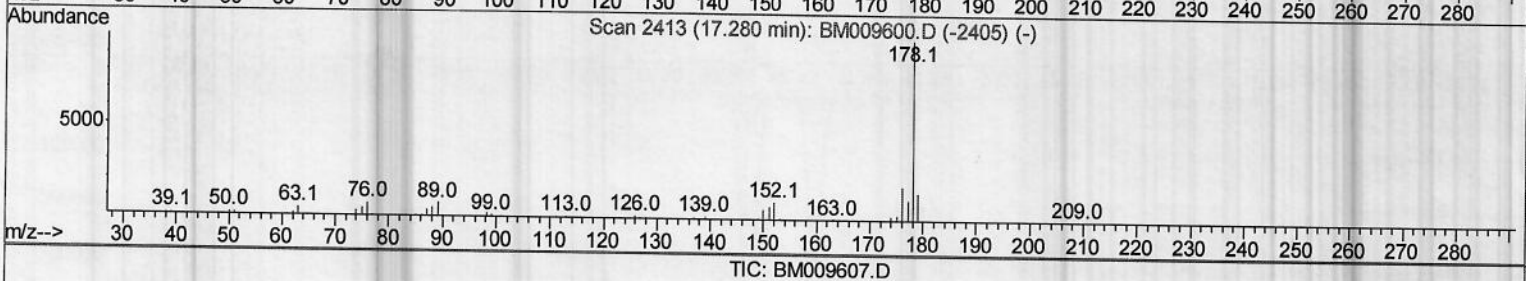
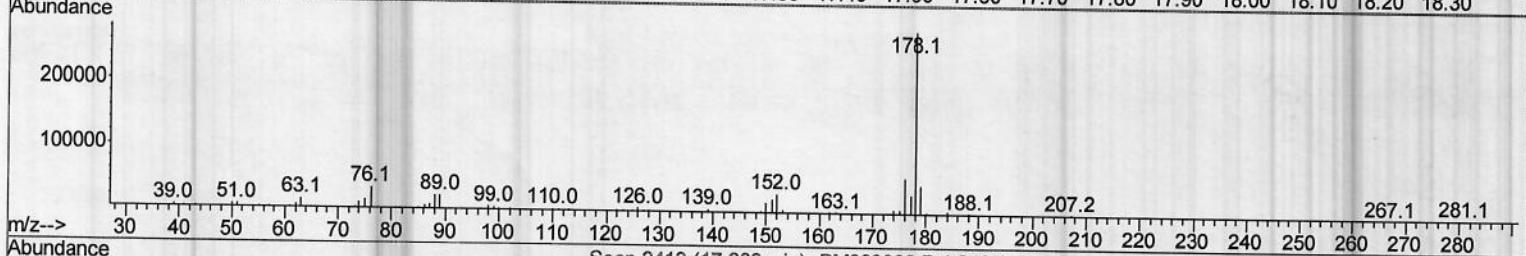
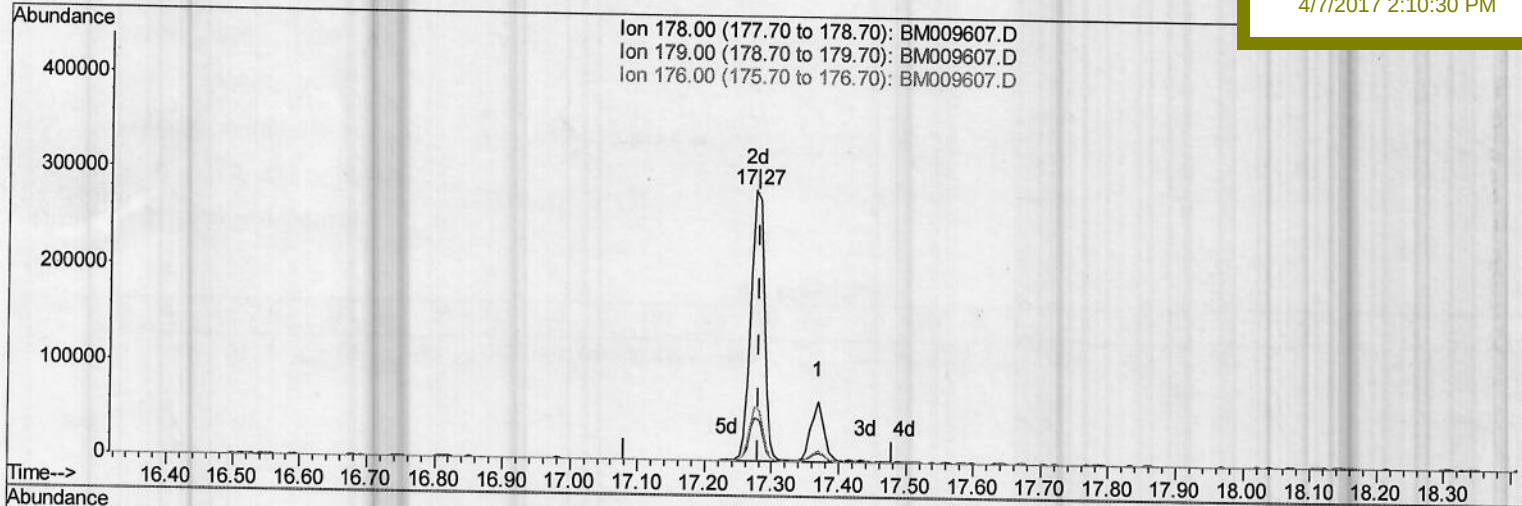
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB347

Quant Time: Apr 07 03:42:08 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
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(14) Phenanthrene

17.274min (-0.006) 8.36ng/ul m

response 399180

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.08
176.00	20.50	19.82
0.00	0.00	0.00

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Quantitation Report (Qedit)

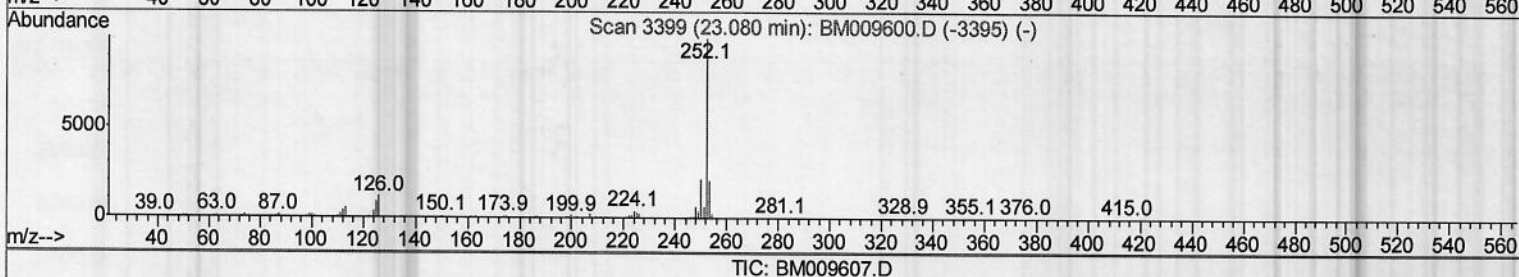
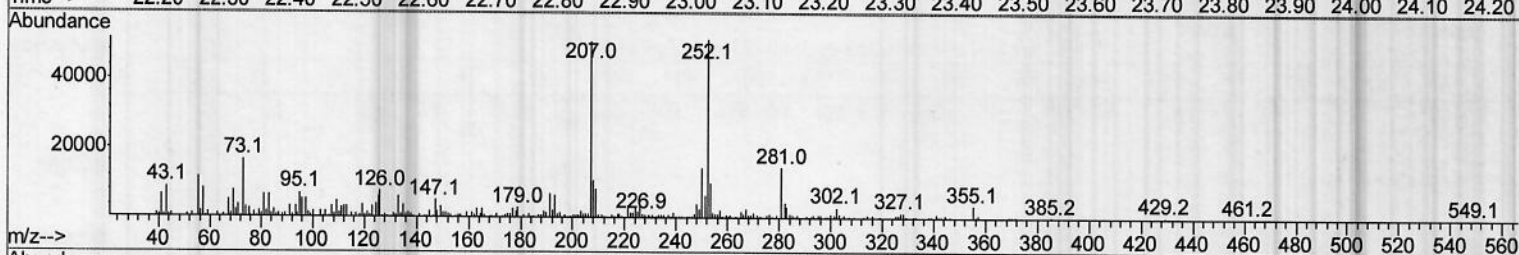
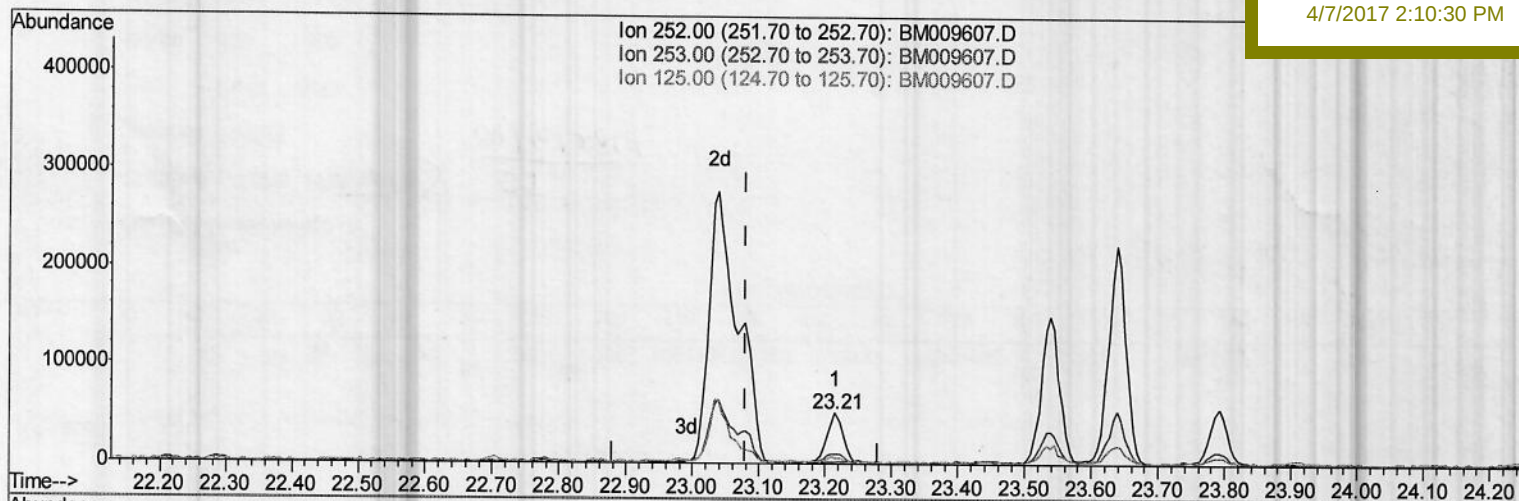
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009607.D
Acq On : 06 Apr 2017 23:11
Operator : SJ/MA
Sample : I2525-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:42:08 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 :
CB347

Manual Integrations
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(25) Benzo(k)fluoranthene

23.215min (+0.135) 1.30ng/ul

response 79995

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	19.50
125.00	11.00	11.96
0.00	0.00	0.00

Quantitation Report (Qedit)

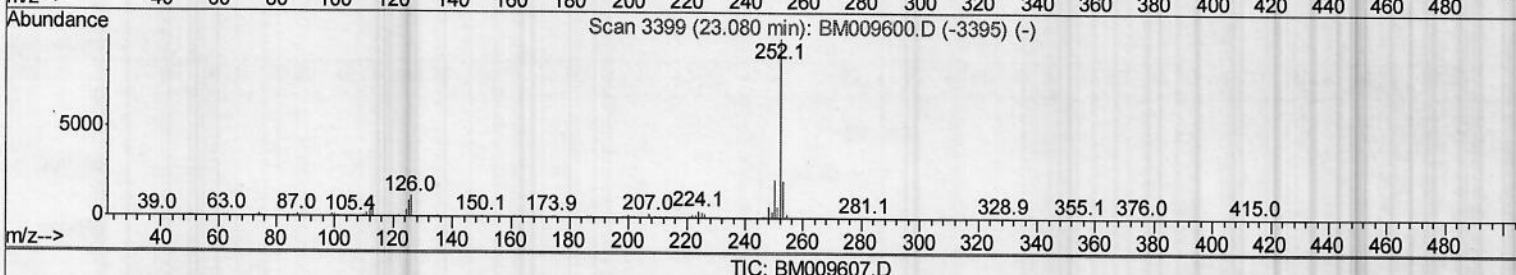
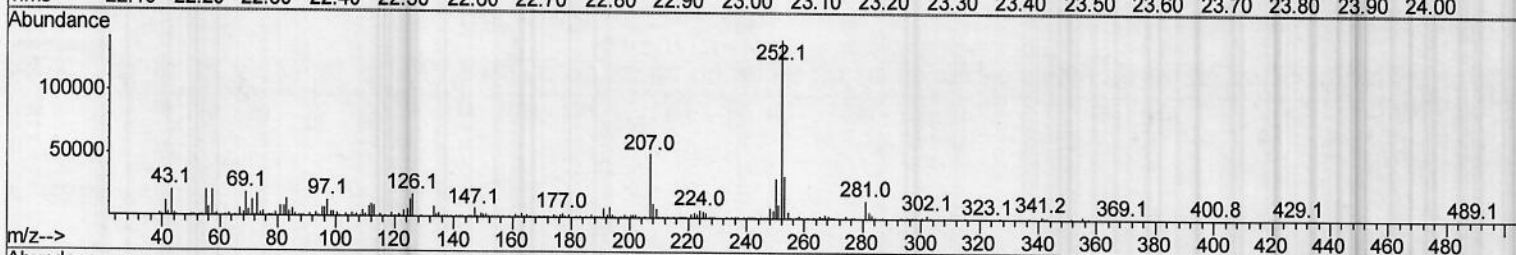
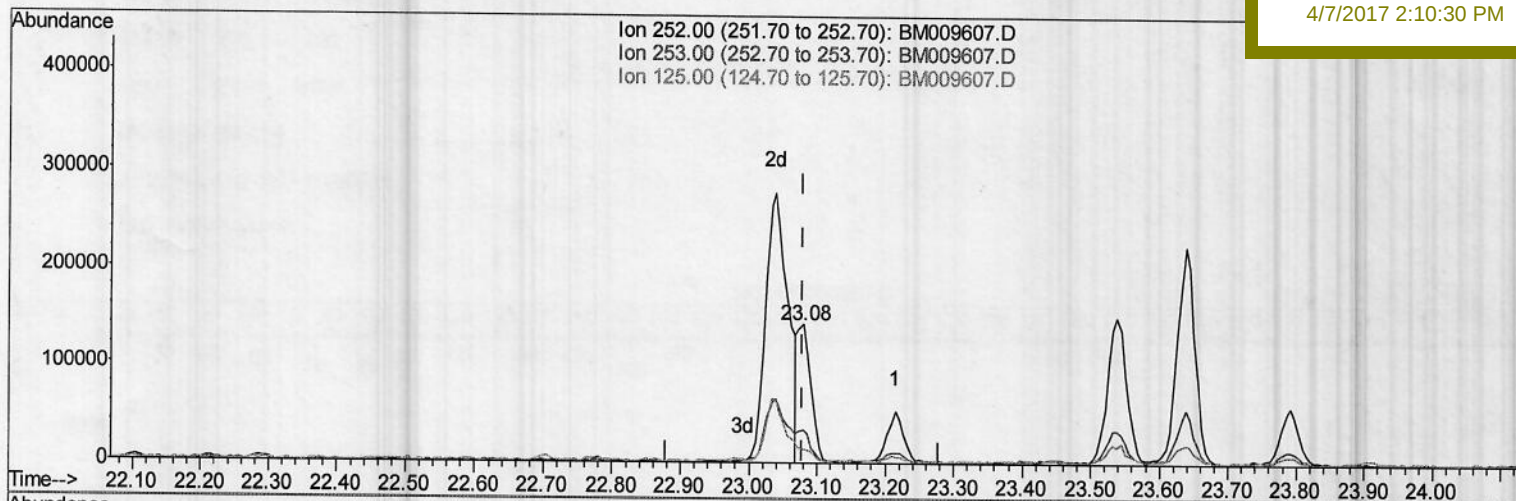
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:42:08 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 :
 CB347

Manual Integrations
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(25) Benzo(k)fluoranthene

23.080min (-0.000) 3.04ng/ul m

response 187664

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.28
125.00	11.00	9.66
0.00	0.00	0.00

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Quantitation Report (Qedit)

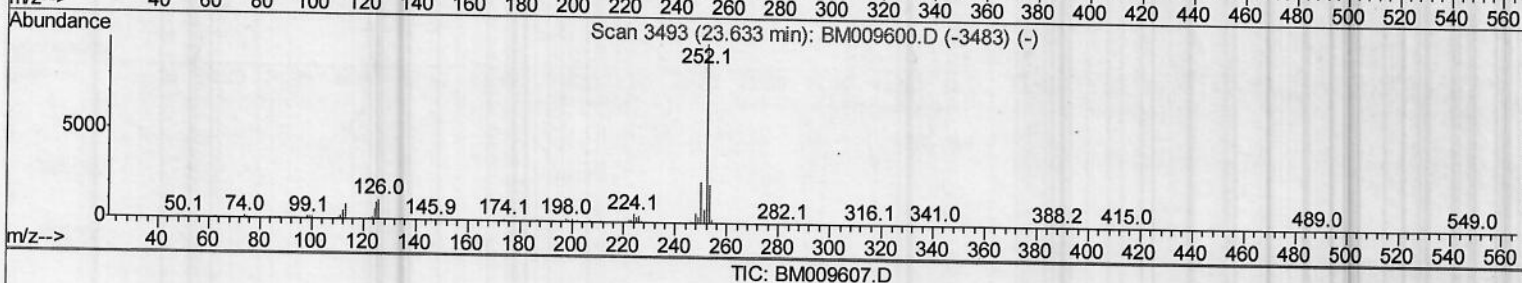
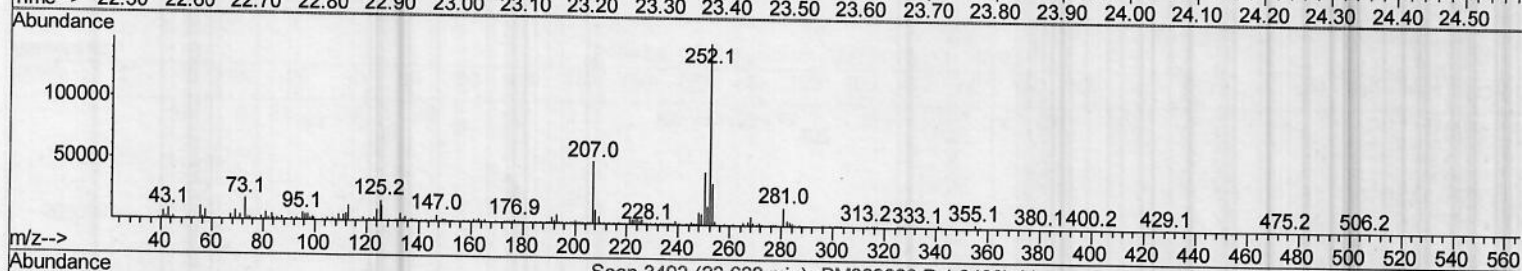
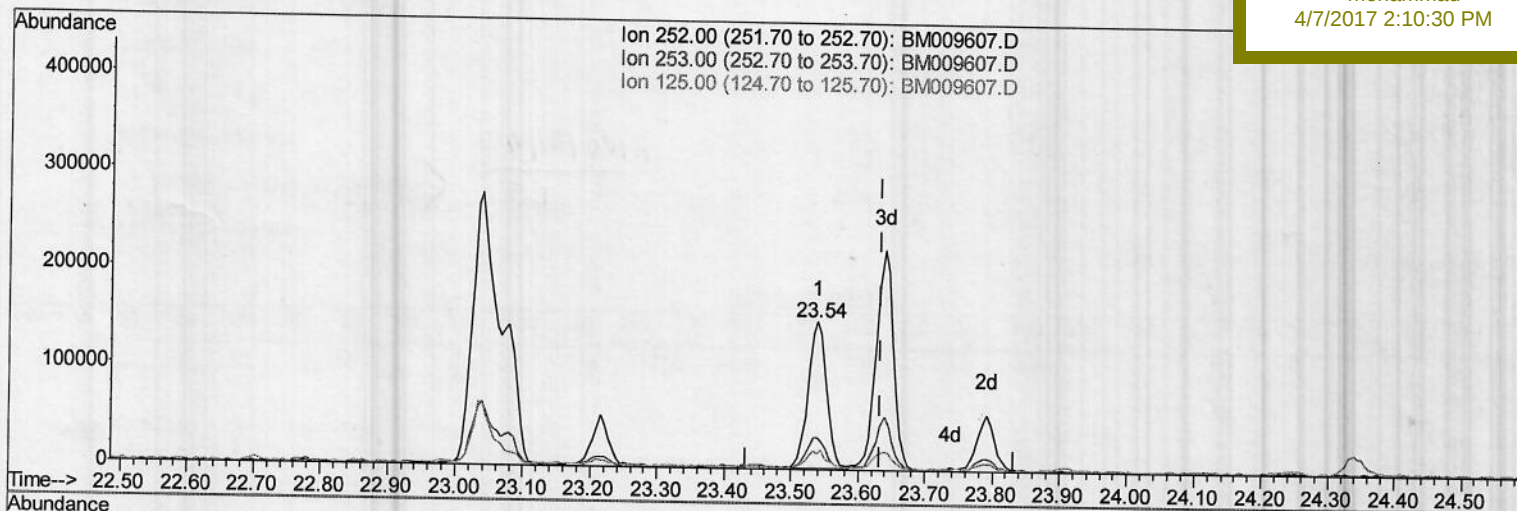
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:42:08 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 :
 CB347

Manual Integrations
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(27) Benzo(a)pyrene (C)

23.538min (-0.094) 4.65ng/ul

response 286901

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.47
125.00	11.80	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

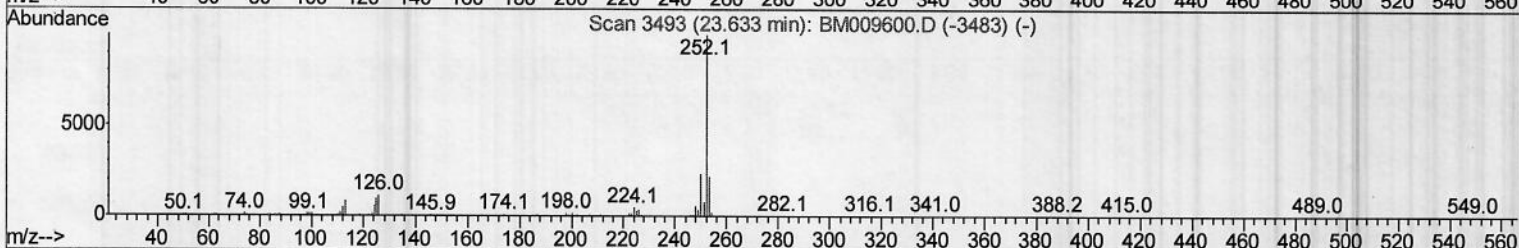
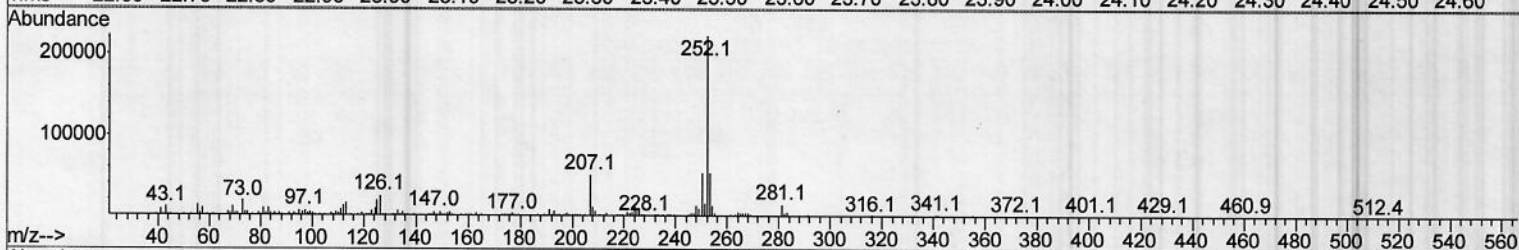
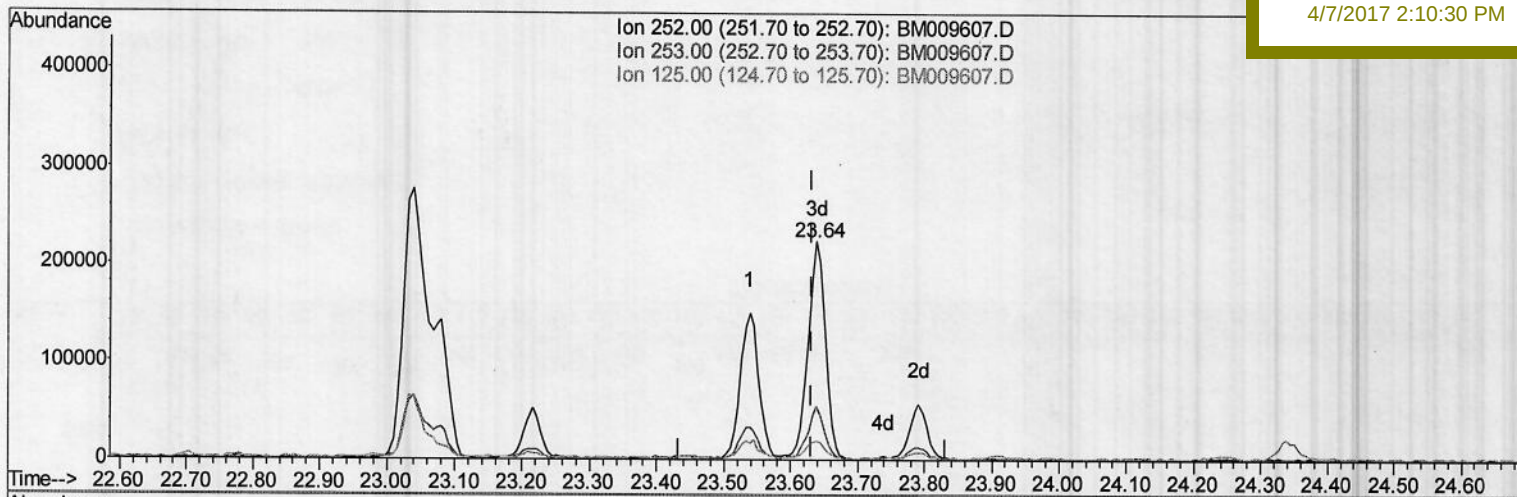
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009607.D
Acq On : 06 Apr 2017 23:11
Operator : SJ/MA
Sample : I2525-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:42:08 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 :
CB347

Manual Integrations
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TIC: BM009607.D

(27) Benzo(a)pyrene (C)

23.638min (+0.006) 6.54ng/ul m

response 403166

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.31
125.00	11.80	8.31#
0.00	0.00	0.00

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Quantitation Report (Qedit)

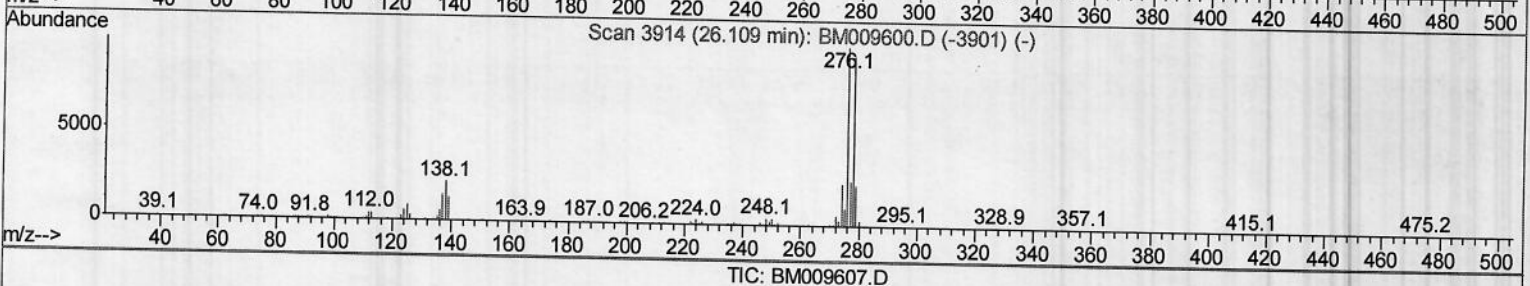
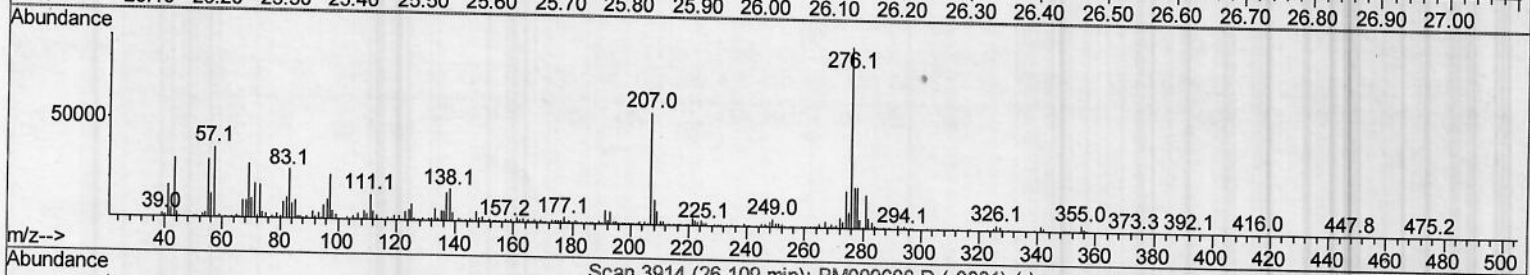
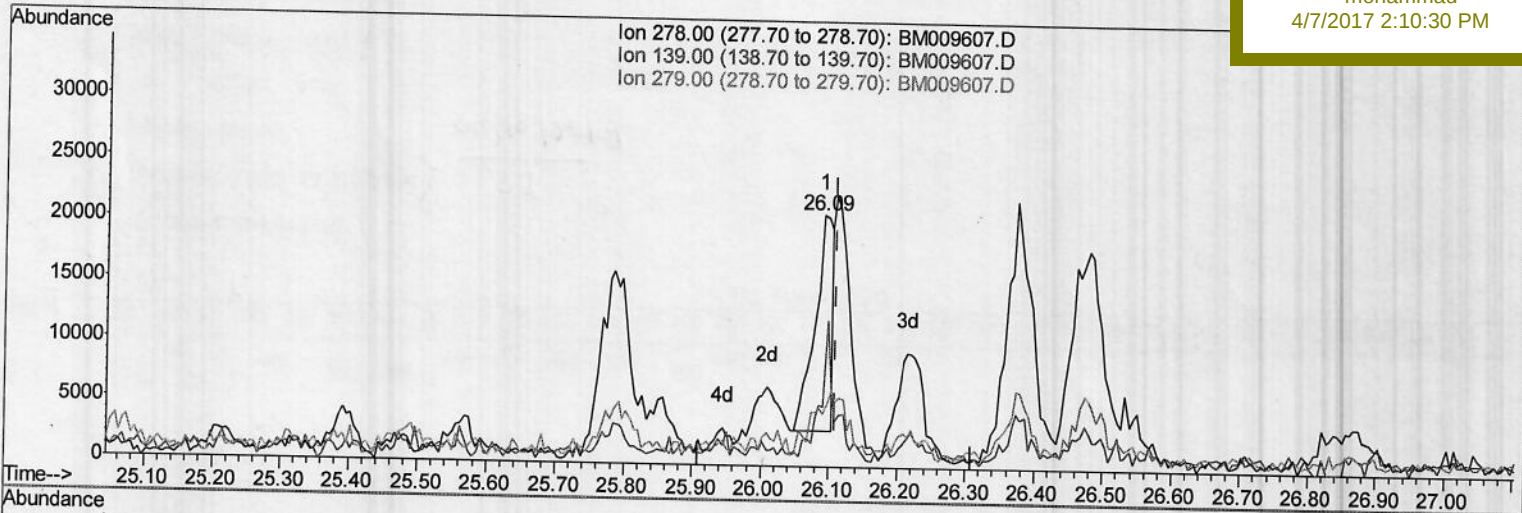
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 CB347

Quant Time: Apr 07 03:42:08 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
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(29) Dibenzo(a,h)anthracene

26.091min (-0.018) 0.55ng/ul

response 32382

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	23.29#
279.00	25.80	20.77
0.00	0.00	0.00

Quantitation Report (Qedit)

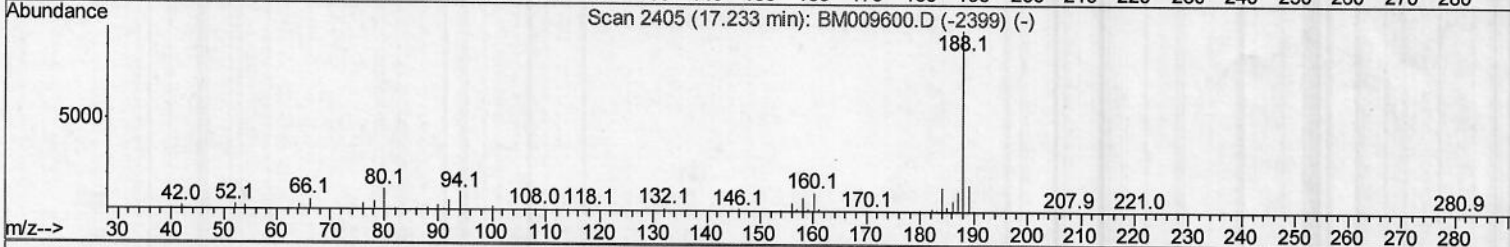
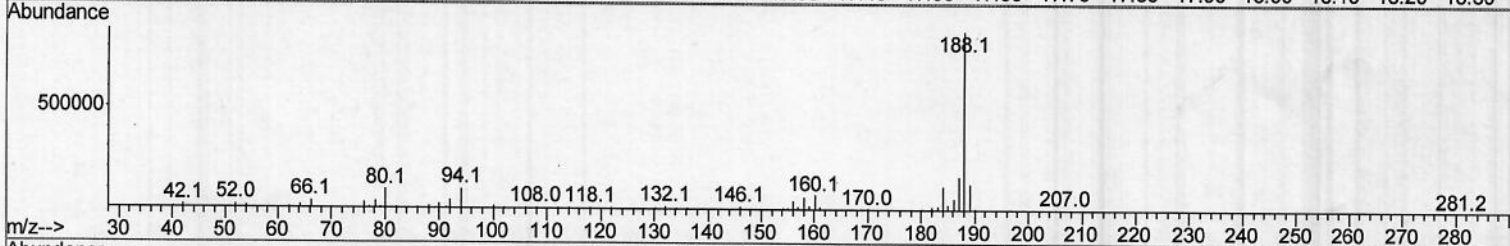
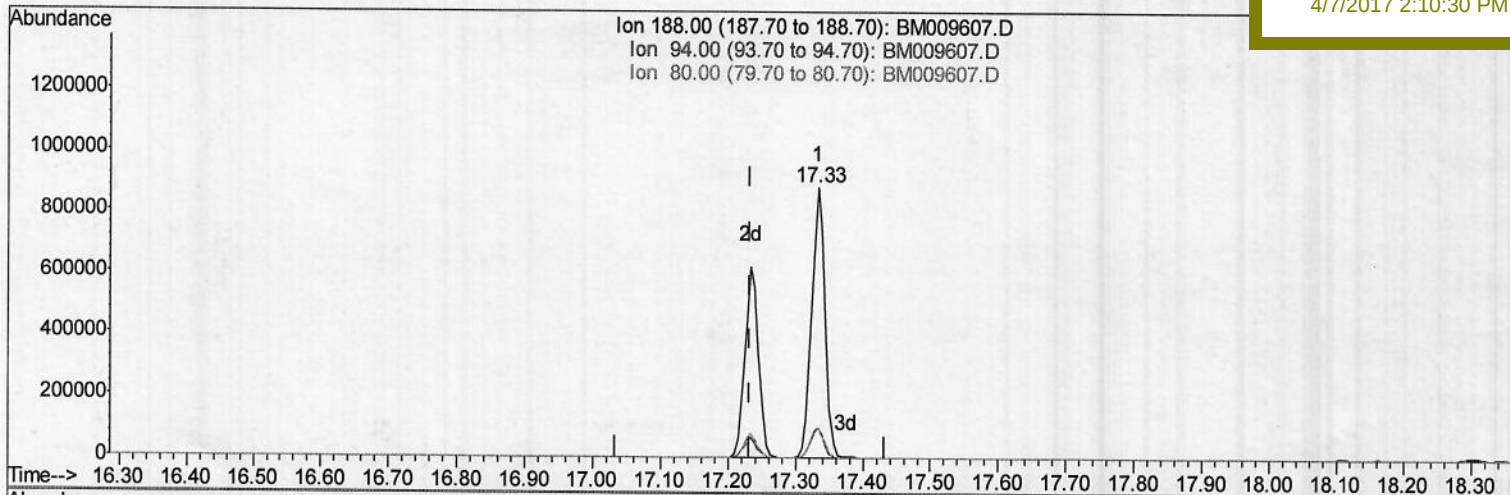
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009607.D
Acq On : 06 Apr 2017 23:11
Operator : SJ/MA
Sample : I2525-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:21:33 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 :
CB347

Manual Integrations
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TIC: BM009607.D

(12) Phenanthrene-d10 (I)

17.333min (+0.100) 20.00ng/ul

response 1204830

Ion	Exp%	Act%
188.00	100	100
94.00	9.70	11.08
80.00	10.40	10.74
0.00	0.00	0.00

Quantitation Report (Qedit)

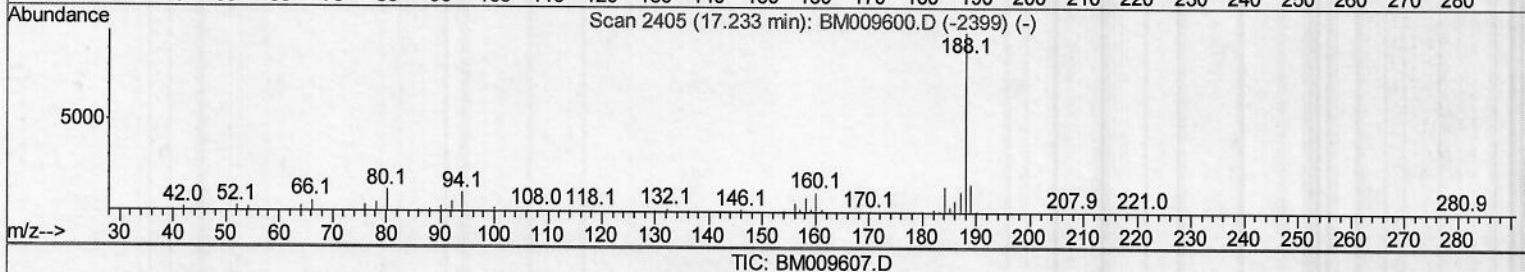
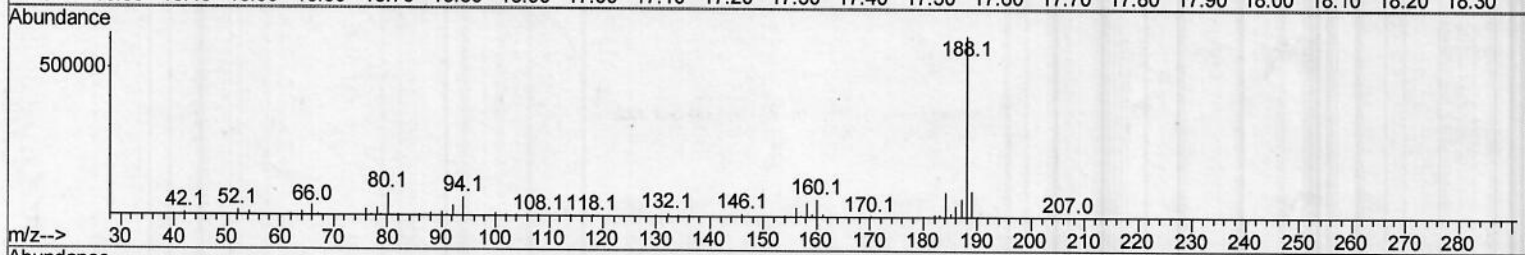
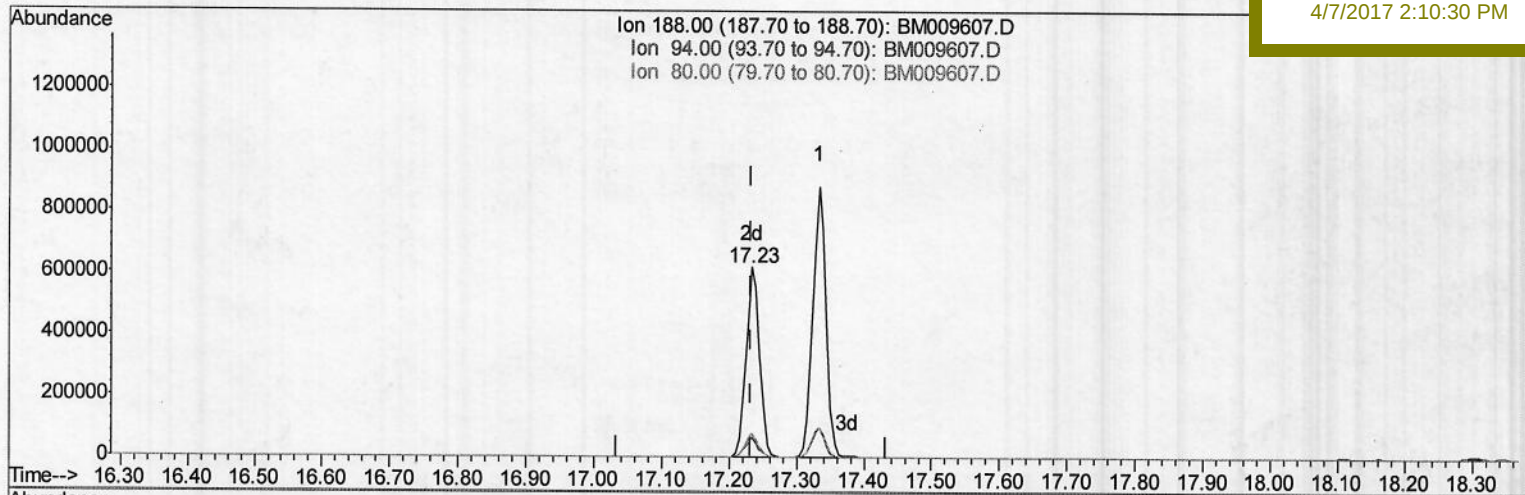
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 07 03:21:33 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 :
 CB347

Manual Integrations
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TIC: BM009607.D

(12) Phenanthrene-d10 (I)

17.233min (-0.000) 20.00ng/ul m

response 849015

Ion	Exp%	Act%
188.00	100	100
94.00	9.70	10.32
80.00	10.40	12.49#
0.00	0.00	0.00

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Quantitation Report (Qedit)

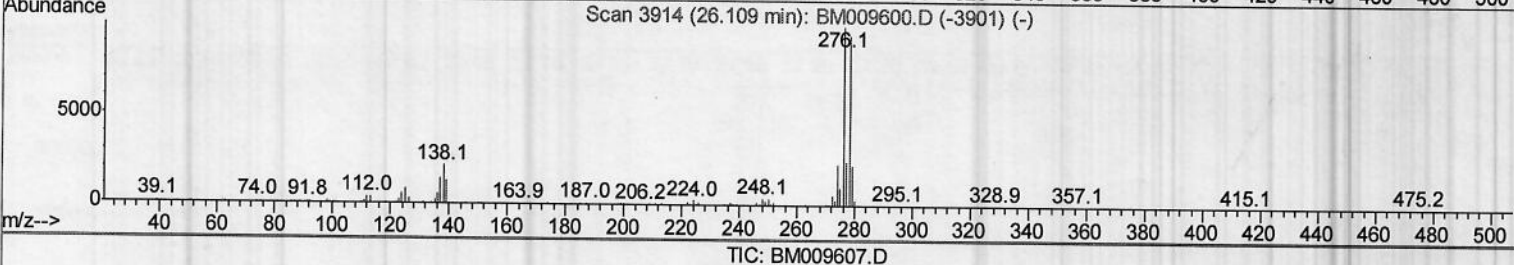
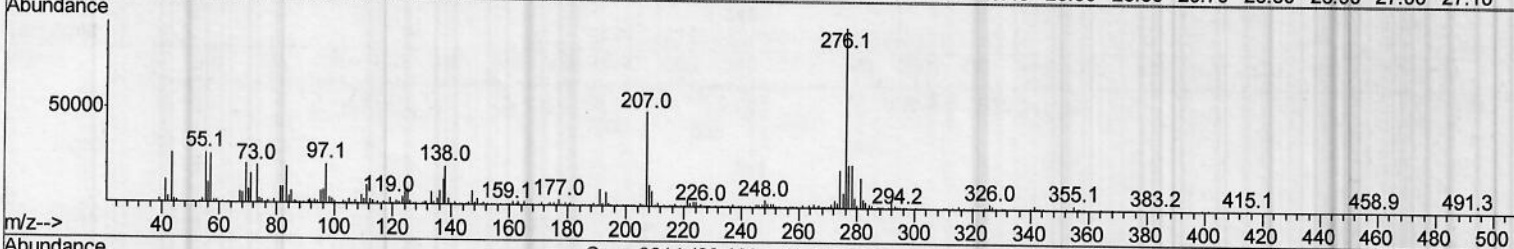
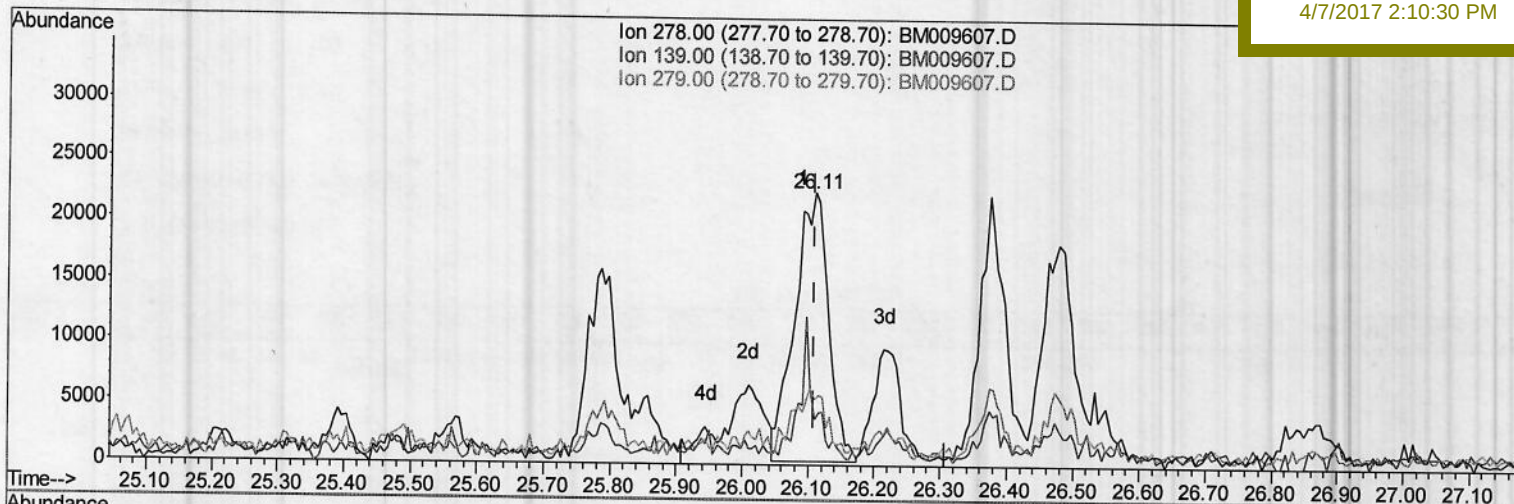
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
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Quant Time: Apr 07 03:42:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
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Instrument :
 BNA_M
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Manual Integrations
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(29) Dibenzo(a,h)anthracene

26.109min (-0.000) 1.35ng/ul m

response 79038

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.90
279.00	25.80	24.30
0.00	0.00	0.00

SJ
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009607.D
 Acq On : 06 Apr 2017 23:11
 Operator : SJ/MA
 Sample : I2525-04
 Misc :
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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	162069	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	642045	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	368584	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	849015m	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1119982	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1048268	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.25	165	271841	27.54	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1086587	30.08	ng/ul	0.00
10) Fluorene-d10	15.48	176	772034	29.72	ng/ul	0.00
15) Anthracene-d10	17.33	188	1205035	29.67	ng/ul	0.00
19) Pyrene-d10	19.63	212	1487952	32.33	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1477265	31.92	ng/ul	0.00

Target Compounds

						Qvalue
14) Phenanthrene	17.27	178	399180m	8.36	ng/ul	
16) Anthracene	17.37	178	86045	1.74	ng/ul	97
17) Fluoranthene	19.29	202	839157	14.12	ng/ul	95
20) Pyrene	19.66	202	737956	12.10	ng/ul	96
21) Benzo(a)anthracene	21.40	228	424136	6.70	ng/ul	97
22) Chrysene	21.45	228	428808	7.39	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	629311	9.71	ng/ul#	89
25) Benzo(k)fluoranthene	23.08	252	187664m	3.04	ng/ul	
27) Benzo(a)pyrene	23.64	252	403166m	6.54	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.10	276	296532	4.29	ng/ul#	93
29) Dibenzo(a,h)anthracene	26.11	278	79038m	1.35	ng/ul	
30) Benzo(a,h,i)perylene	26.84	276	270783	4.75	ng/ul#	90

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