

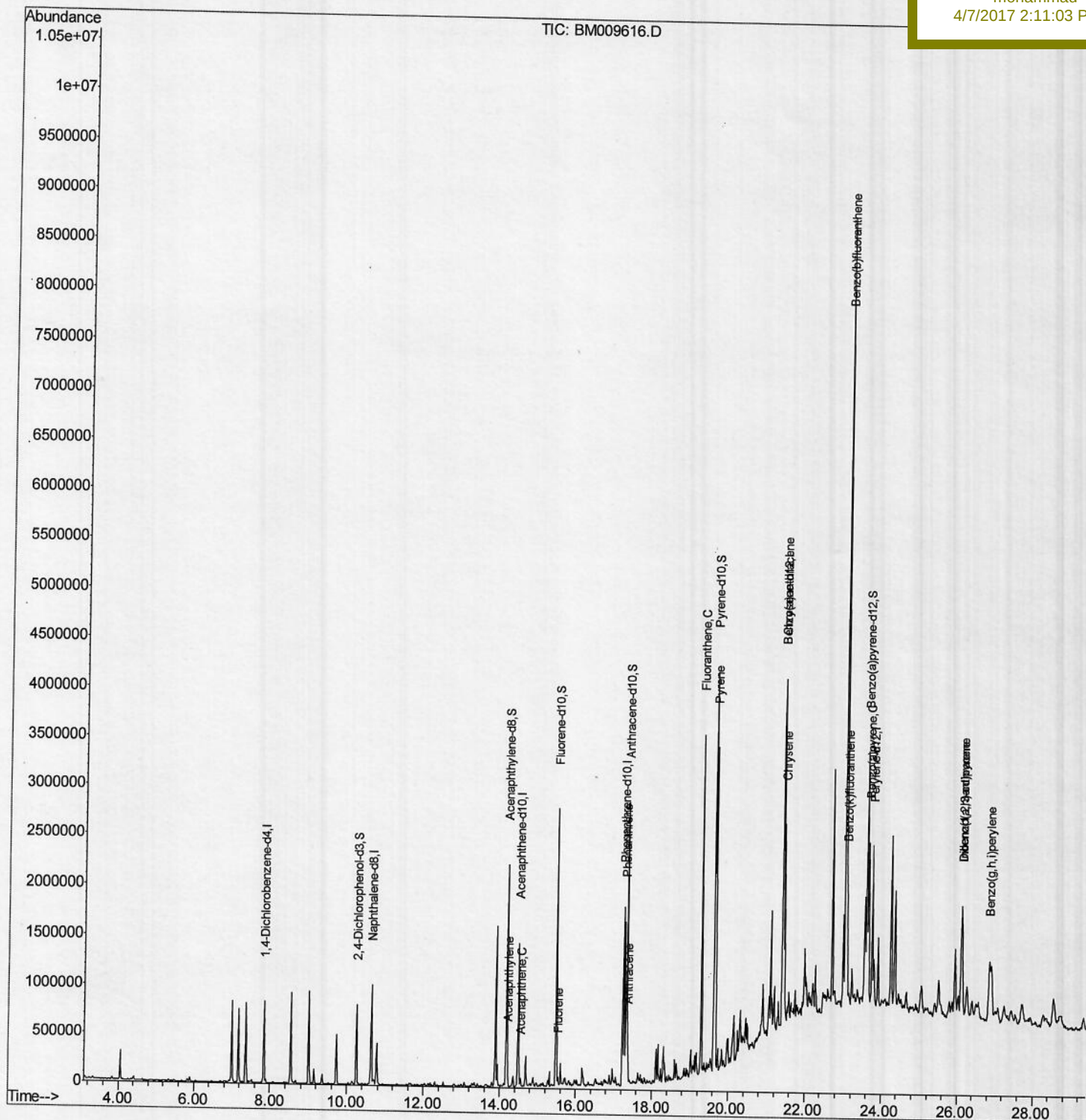
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009616.D
Acq On : 07 Apr 2017 04:35
Operator : SJ/MA
Sample : I2525-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample ID :
CB366

Quant Time: Apr 07 05:15:57 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 2:11:03 PM



Quantitation Report (Qedit)

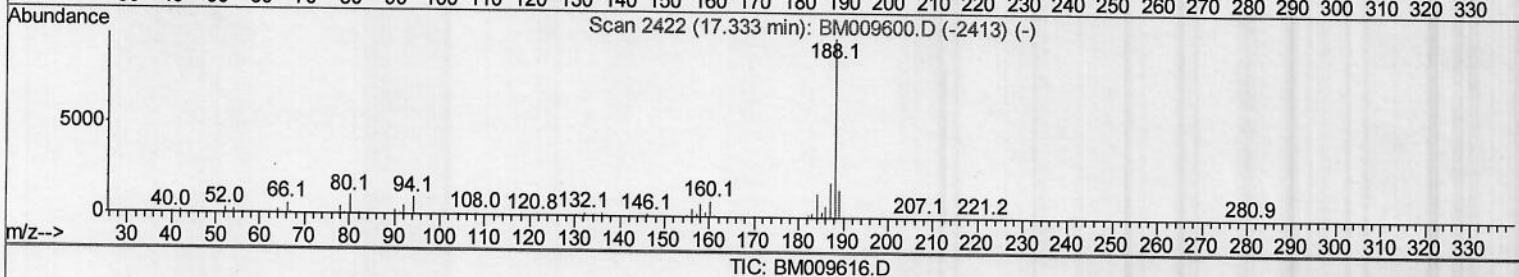
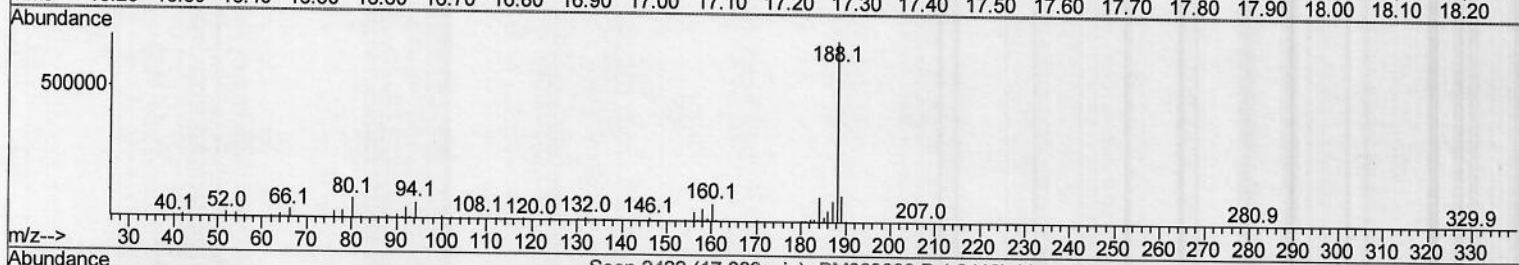
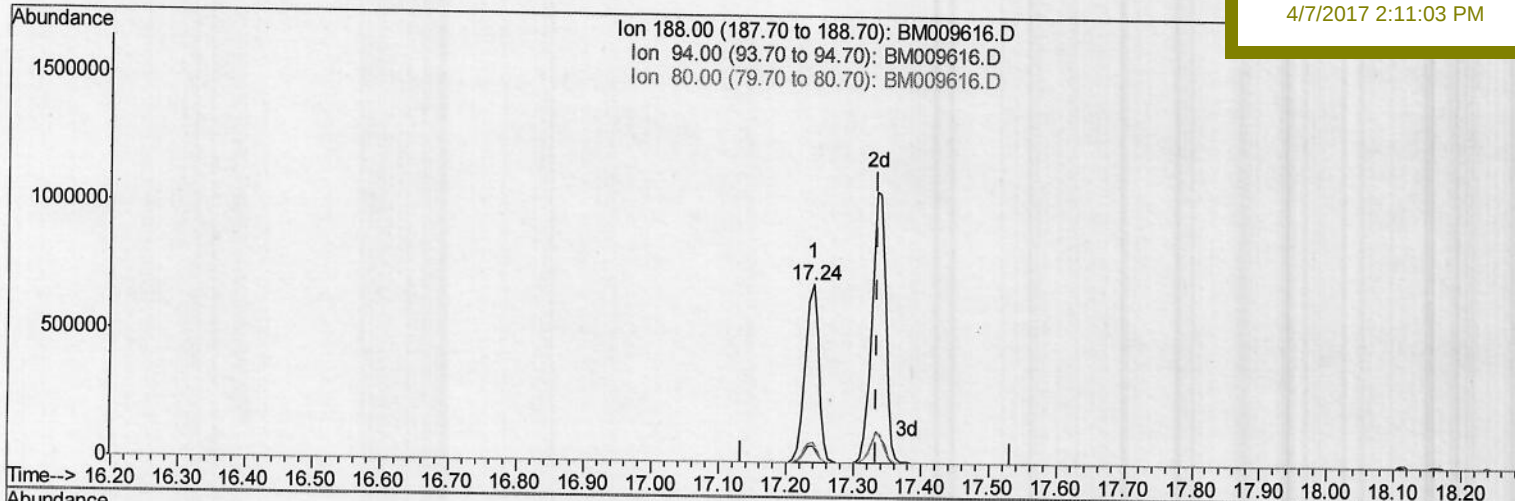
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009616.D
 Acq On : 07 Apr 2017 04:35
 Operator : SJ/MA
 Sample : I2525-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 07 05:14:52 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 :
 CB366

Manual Integrations
APPROVED

mohammad
 4/7/2017 2:11:03 PM



(15) Anthracene-d10 (S)
 17.239min (-0.094) 20.90ng/ul
 response 968342

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.14
80.00	9.10	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

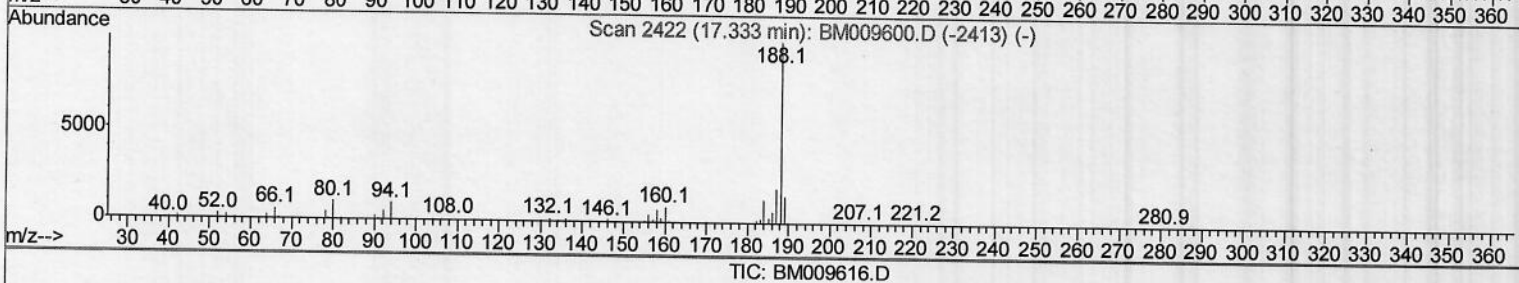
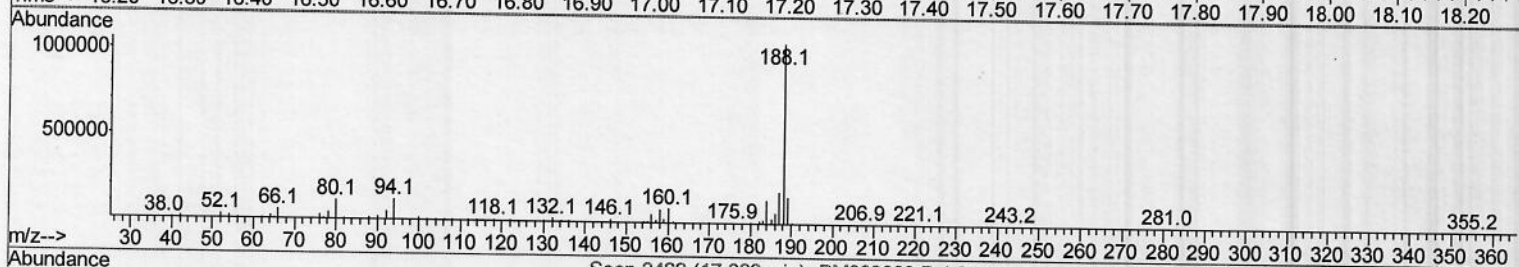
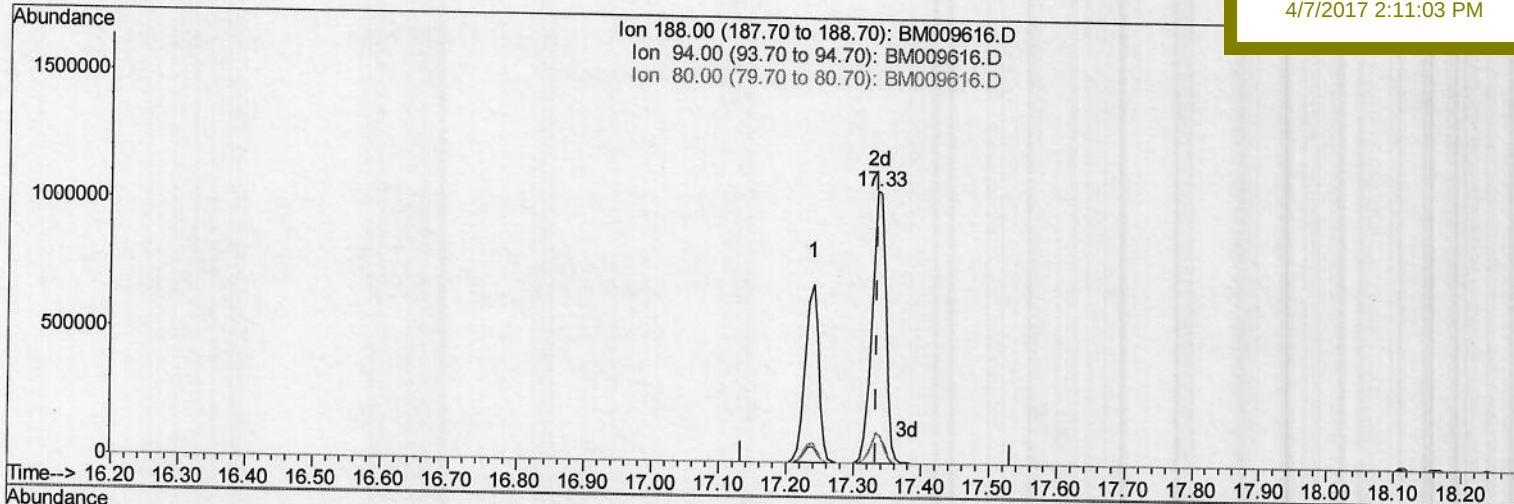
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009616.D
 Acq On : 07 Apr 2017 04:35
 Operator : SJ/MA
 Sample : I2525-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 07 05:14:52 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
 ClientSampled :
 CB366

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:11:03 PM



(15) Anthracene-d10 (S)

17.333min (+0.000) 32.56ng/ul m

response 1508290

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.36
80.00	9.10	10.98#
0.00	0.00	0.00

SJ
 04/08/2017

Quantitation Report (Qedit)

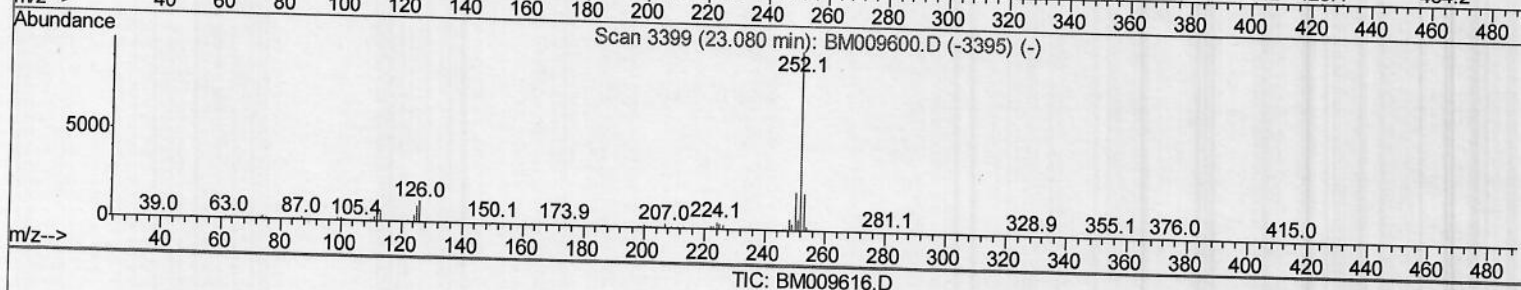
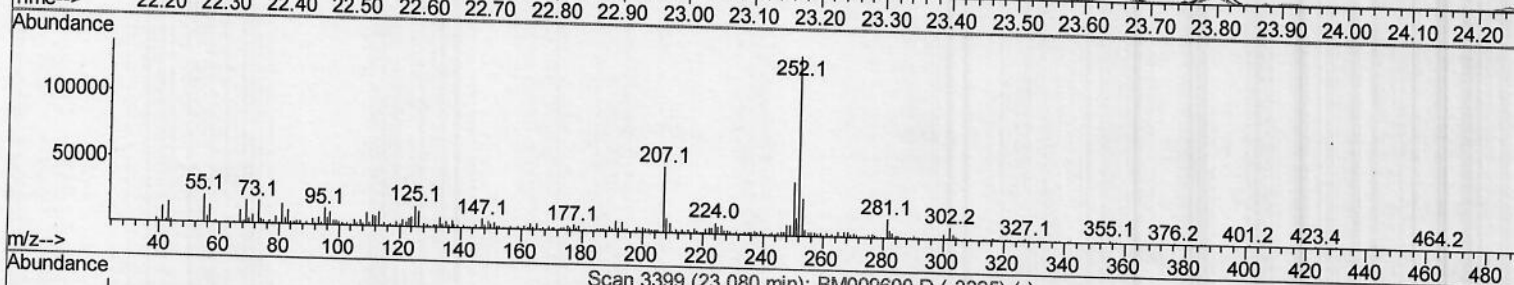
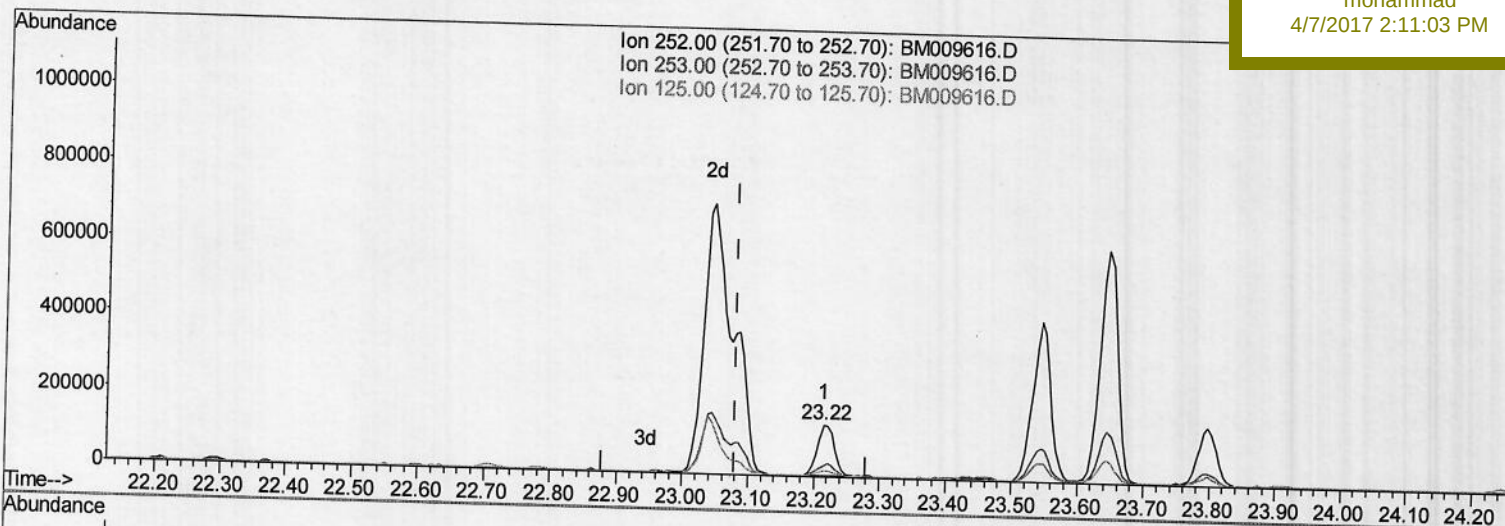
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009616.D
 Acq On : 07 Apr 2017 04:35
 Operator : SJ/MA
 Sample : I2525-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB366

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:11:03 PM

Quant Time: Apr 07 05:14:52 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



(25) Benzo(k)fluoranthene

23.215min (+0.135) 3.39ng/ul

response 235182

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.22
125.00	11.00	11.94
0.00	0.00	0.00

Quantitation Report (Qedit)

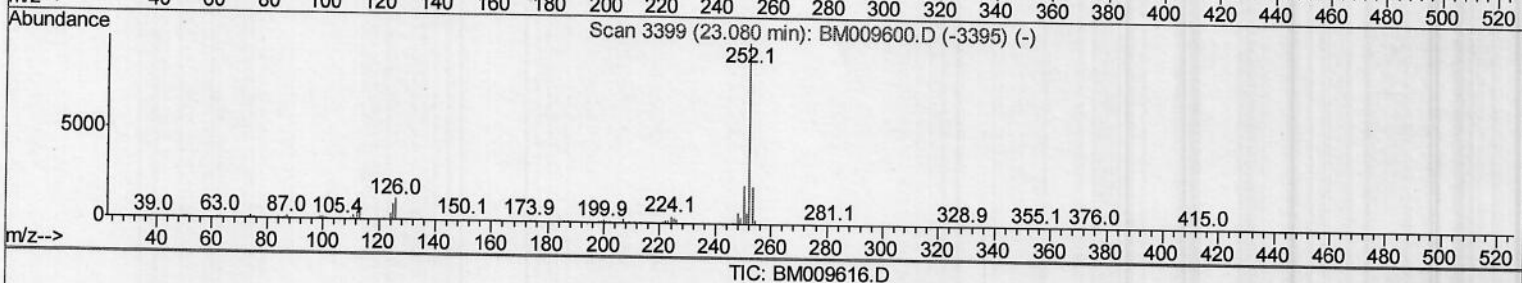
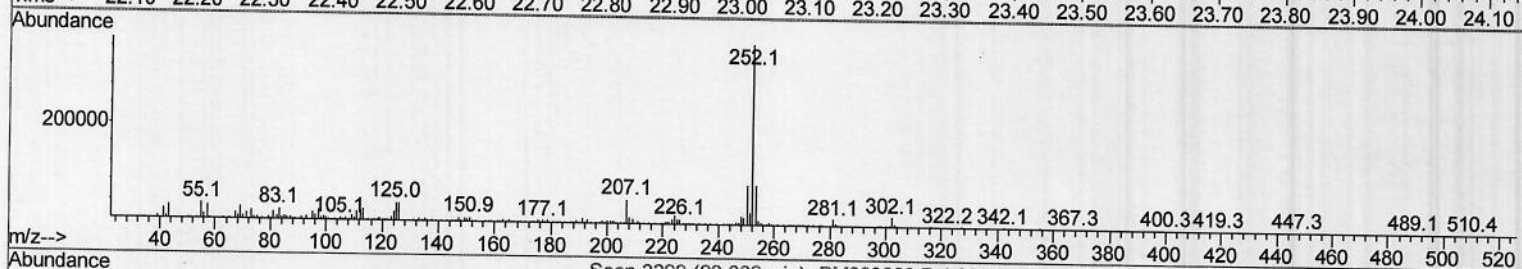
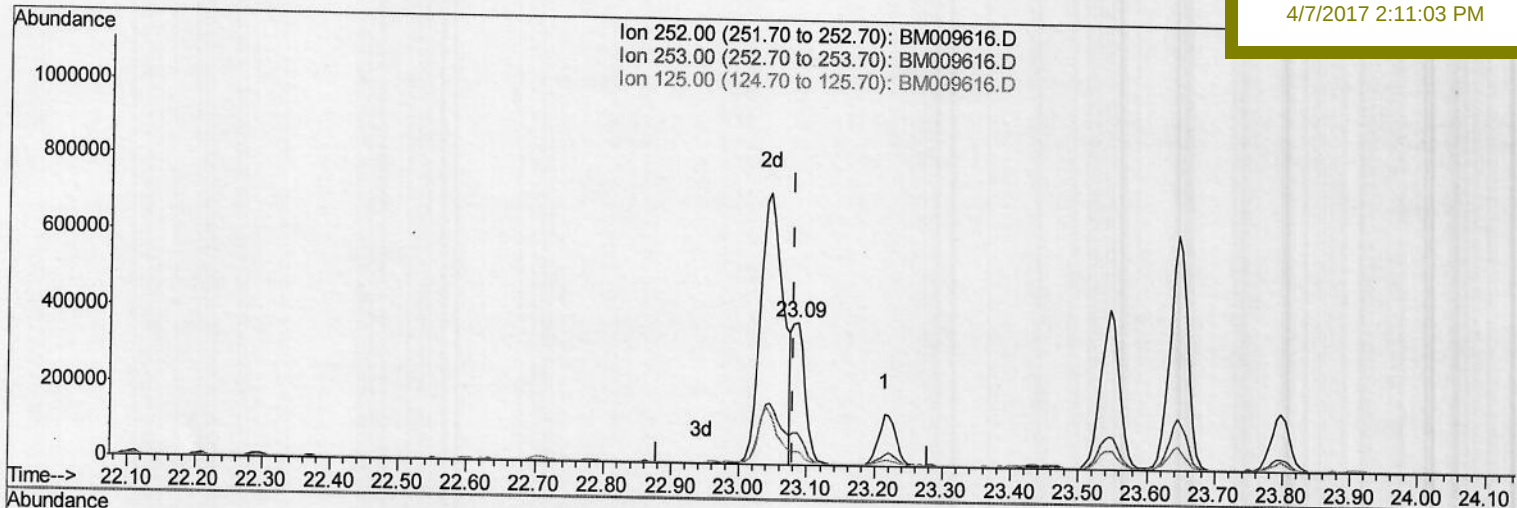
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009616.D
 Acq On : 07 Apr 2017 04:35
 Operator : SJ/MA
 Sample : I2525-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 07 05:14:52 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 :
 CB366

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:11:03 PM



TIC: BM009616.D

(25) Benzo(k)fluoranthene

23.086min (+0.006) 7.27ng/ul m

response 504624

Ion Exp% Act%

252.00	100	100
253.00	21.80	22.22
125.00	11.00	9.81
0.00	0.00	0.00

Quantitation Report (Qedit)

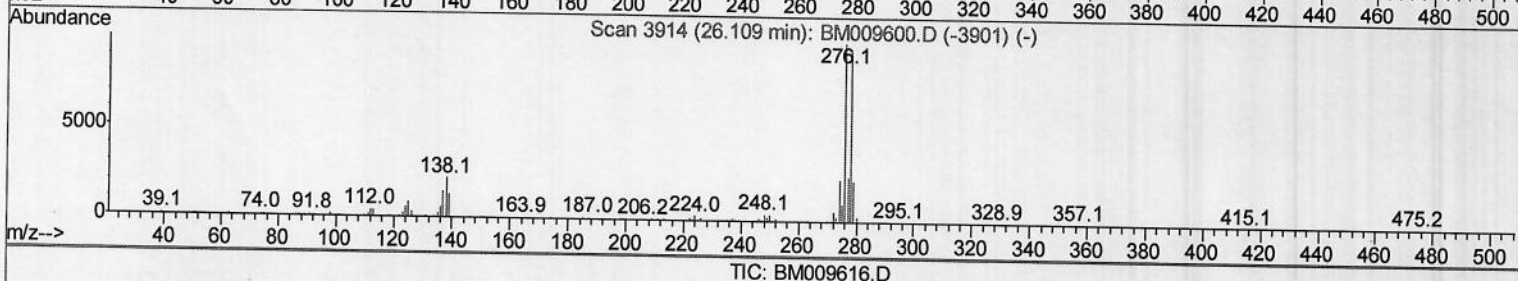
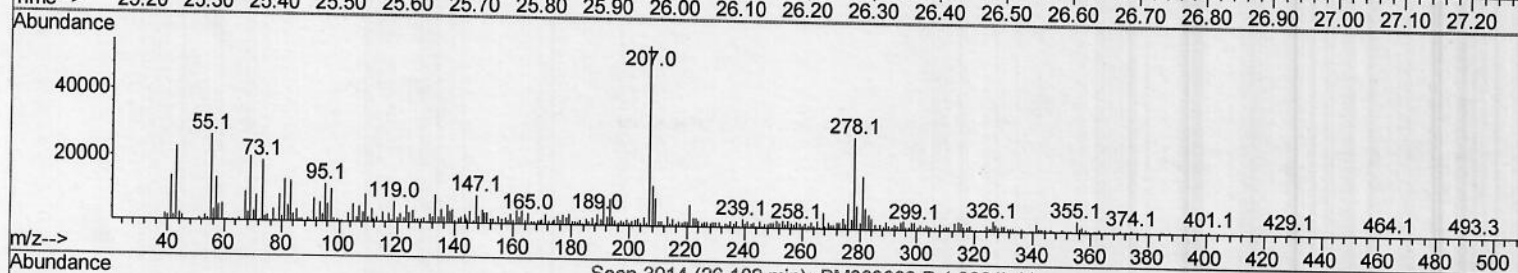
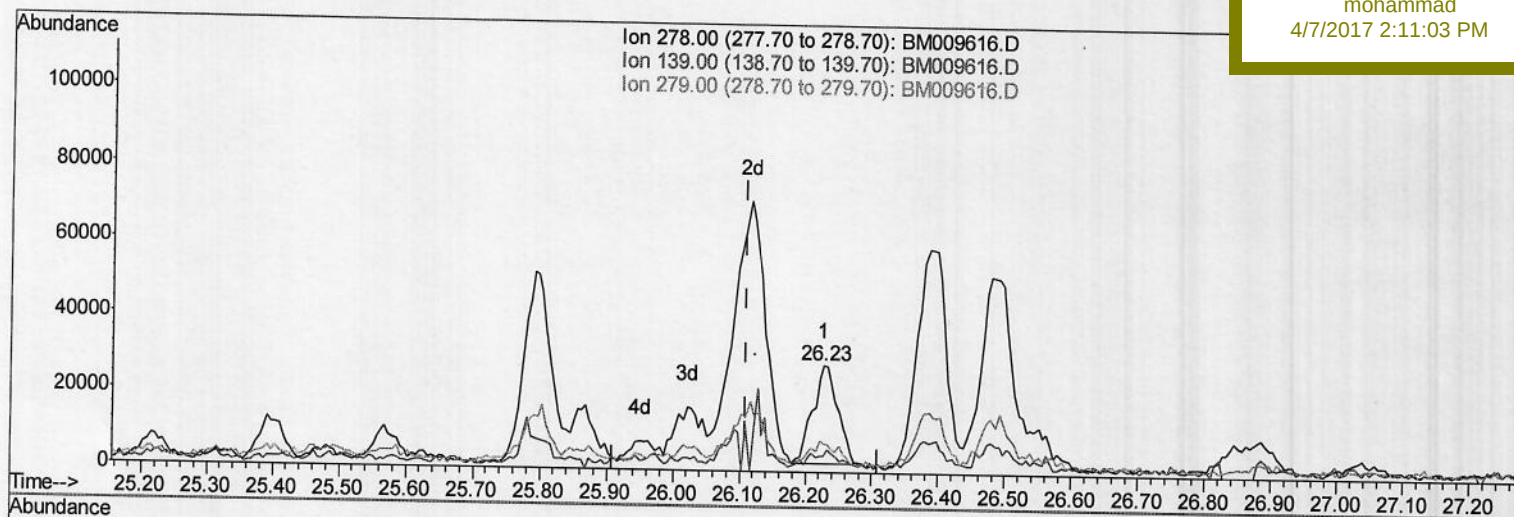
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009616.D
Acq On : 07 Apr 2017 04:35
Operator : SJ/MA
Sample : I2525-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 07 05:14:52 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 :
CB366

Manual Integrations
APPROVED

mohammad
4/7/2017 2:11:03 PM



(29) Dibenzo(a,h)anthracene

26.227min (+0.118) 1.03ng/ul

response 67890

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	15.23
279.00	25.80	27.18
0.00	0.00	0.00

Quantitation Report (Qedit)

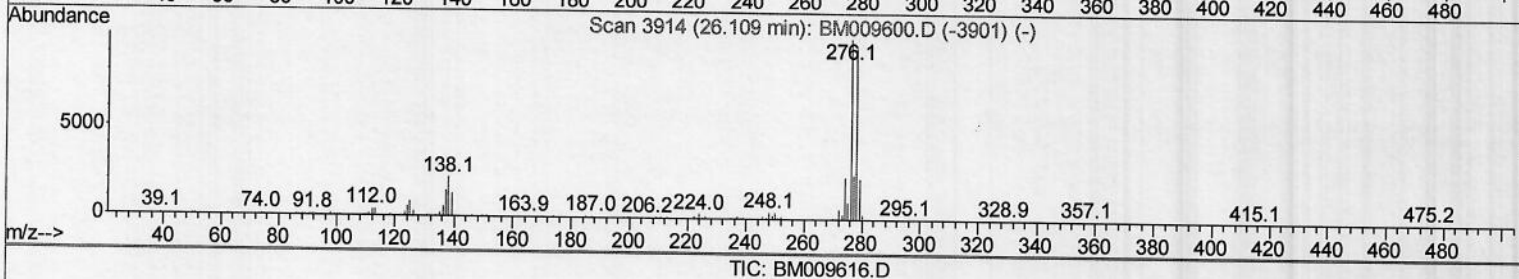
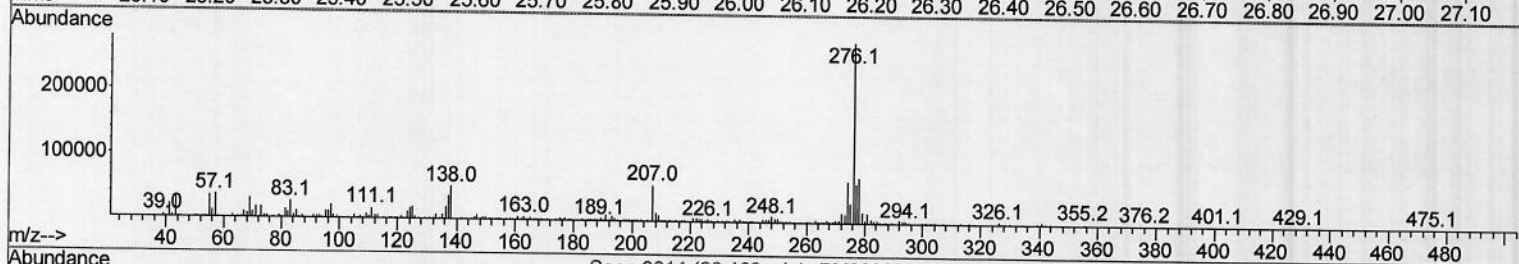
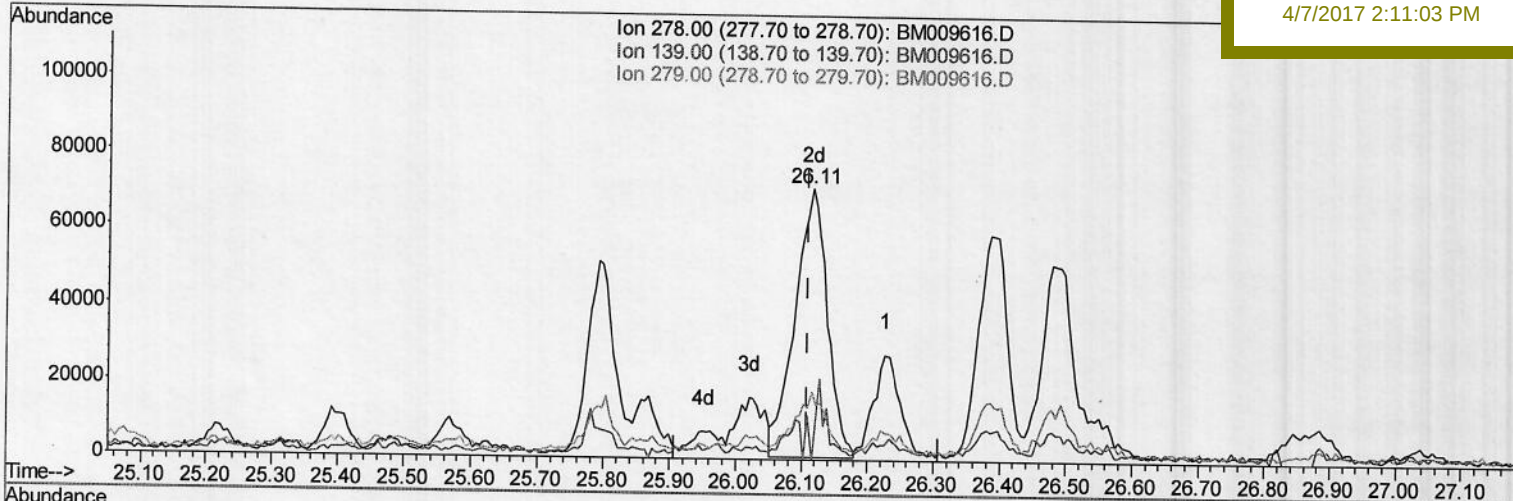
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009616.D
 Acq On : 07 Apr 2017 04:35
 Operator : SJ/MA
 Sample : I2525-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 07 05:14:52 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 :
 CB366

Manual Integrations
 APPROVED

mohammad
 4/7/2017 2:11:03 PM



(29) Dibenzo(a,h)anthracene

26.115min (+0.006) 3.69ng/ul m

response 243467

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	0.00#
279.00	25.80	25.46
0.00	0.00	0.00

SJ
 04/10/2017

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009616.D
Acq On : 07 Apr 2017 04:35
Operator : SJ/MA
Sample : I2525-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :

BNA_M

Client Sampled :

CB366

Quant Time: Apr 07 05:15:57 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
APPROVEDmohammad
4/7/2017 2:11:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	191890	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	752806	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	433078	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	968342	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1222744	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1178503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	260729	22.52	ng/ul	0.00
7) Acenaphthylene-d8	14.18	160	1418002	33.41	ng/ul	0.00
10) Fluorene-d10	15.48	176	977176	32.01	ng/ul	0.00
15) Anthracene-d10	17.33	188	1508290m	32.56	ng/ul	0.00
19) Pyrene-d10	19.63	212	1805525	35.93	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1769238	34.00	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	14.21	152	86676	2.04	ng/ul	94
9) Acenaphthene	14.55	153	32955	1.12	ng/ul#	90
11) Fluorene	15.53	166	36267	1.01	ng/ul	86
14) Phenanthrene	17.28	178	870442	15.99	ng/ul	97
16) Anthracene	17.37	178	205899	3.66	ng/ul	96
17) Fluoranthene	19.30	202	1950525	28.77	ng/ul	95
20) Pyrene	19.66	202	1902203	28.57	ng/ul	96
21) Benzo(a)anthracene	21.40	228	1152499	16.67	ng/ul	99
22) Chrysene	21.46	228	1113424	17.57	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1675320	22.99	ng/ul#	93
25) Benzo(k)fluoranthene	23.09	252	504624m	7.27	ng/ul	97
27) Benzo(a)pyrene	23.64	252	1120841	16.17	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.11	276	809585	10.42	ng/ul	96
29) Dibenzo(a,h)anthracene	26.11	278	243467m	3.69	ng/ul	96
30) Benzo(a,h,i)perylene	26.84	276	775394	12.11	ng/ul#	92

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

35
04/10/201795
04/10/2017