

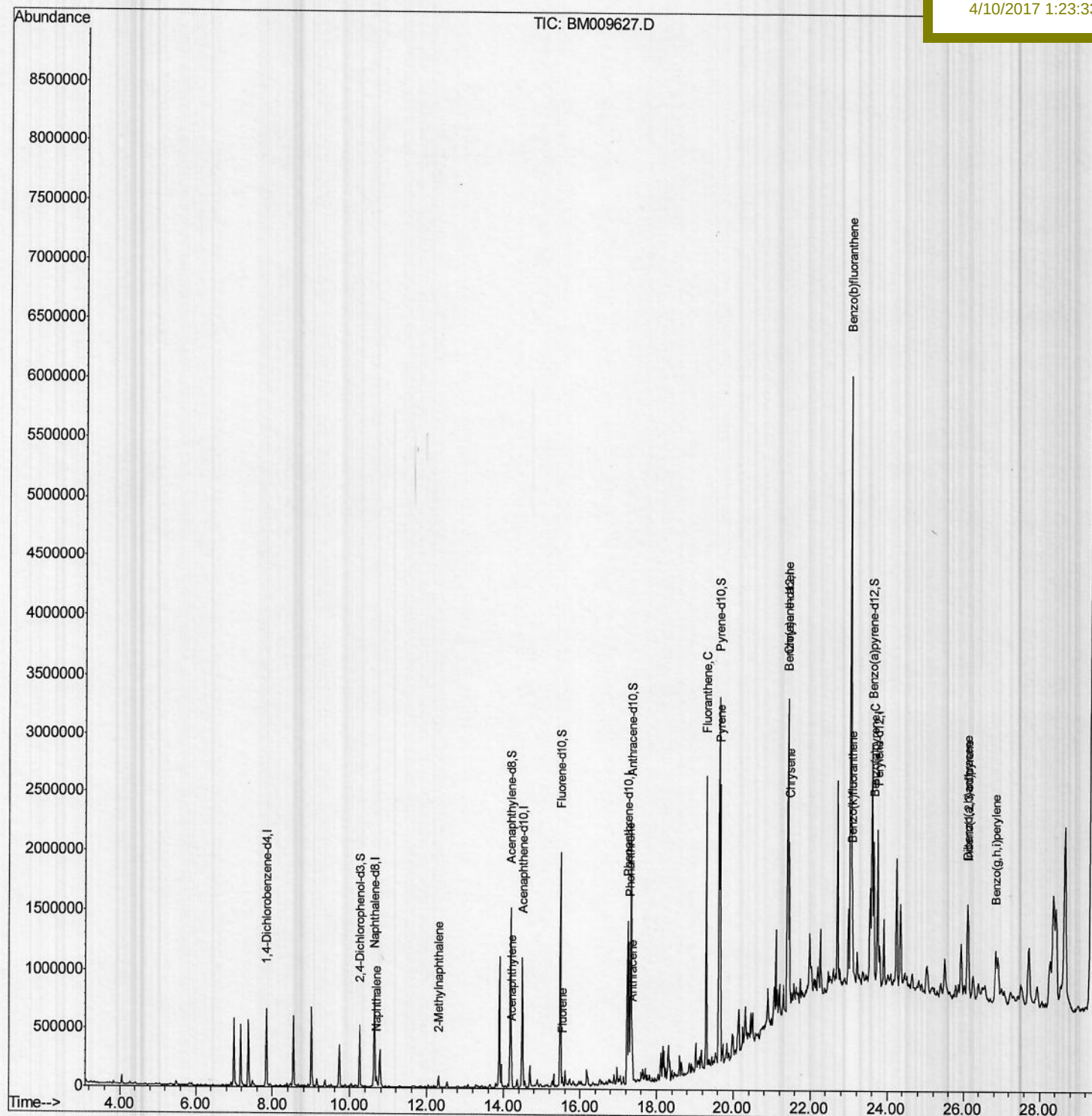
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
Data File : BM009627.D
Acq On : 07 Apr 2017 14:02
Operator : SJ/MA
Sample : I2526-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 14:40:50 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 :
CB377

Manual Integrations
APPROVED

mohammad
4/10/2017 1:23:33 PM



Quantitation Report (Qedit)

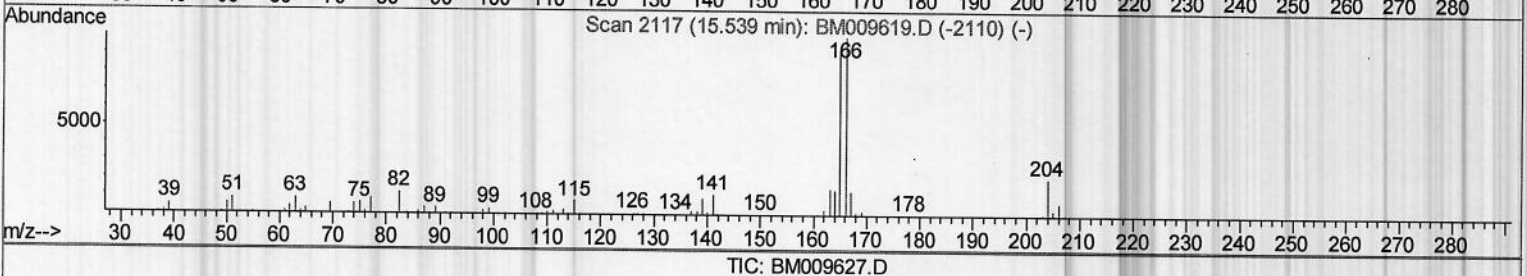
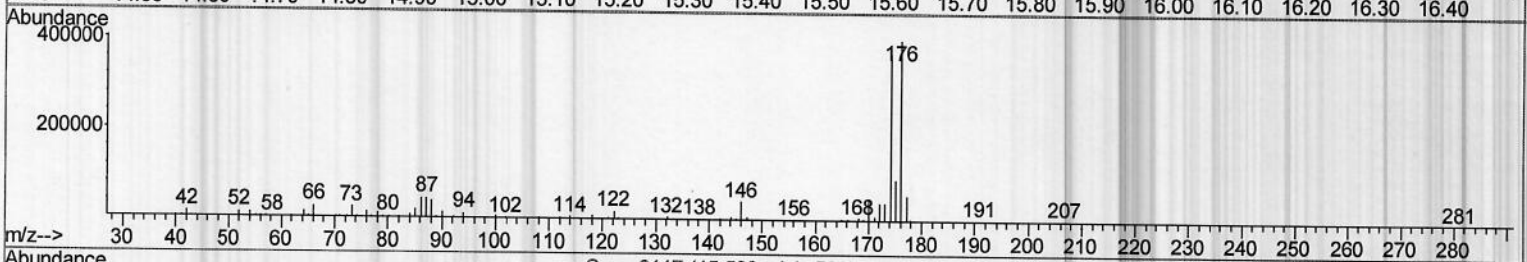
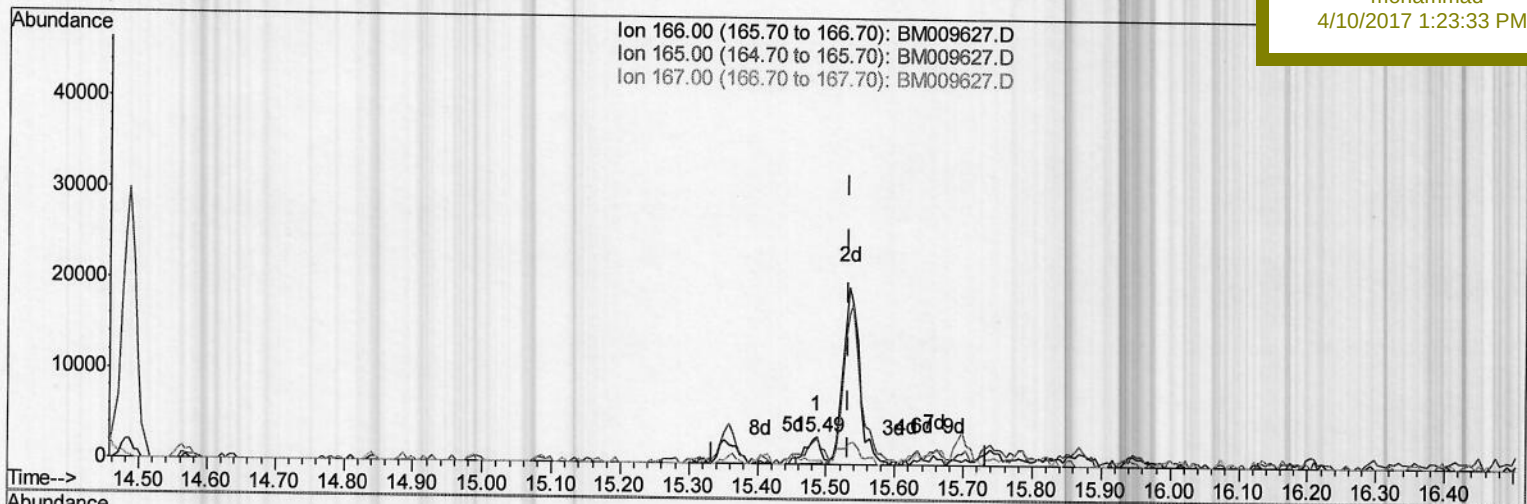
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
Data File : BM009627.D
Acq On : 07 Apr 2017 14:02
Operator : SJ/MA
Sample : I2526-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 14:38:04 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 :
CB377

Manual Integrations
APPROVED

mohammad
4/10/2017 1:23:33 PM



TIC: BM009627.D

(11) Fluorene

15.486min (-0.047) 0.16ng/ul

response 4450

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	95.61
167.00	14.50	11.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009627.D
 Acq On : 07 Apr 2017 14:02
 Operator : SJ/MA
 Sample : I2526-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

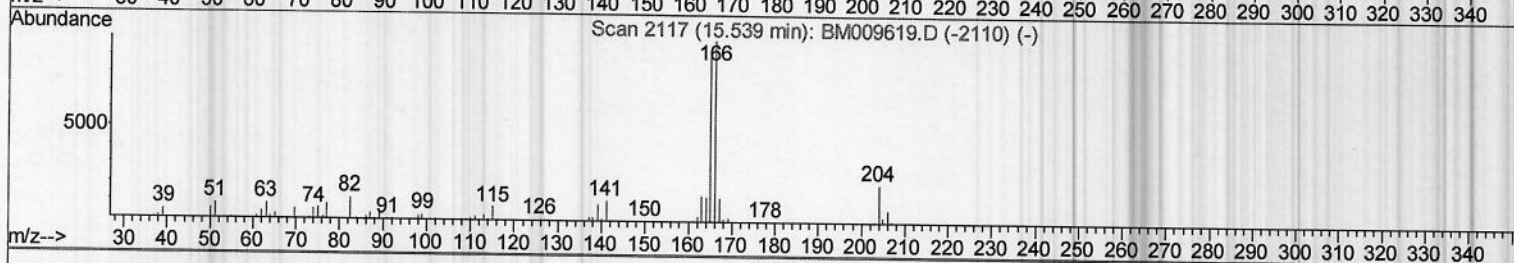
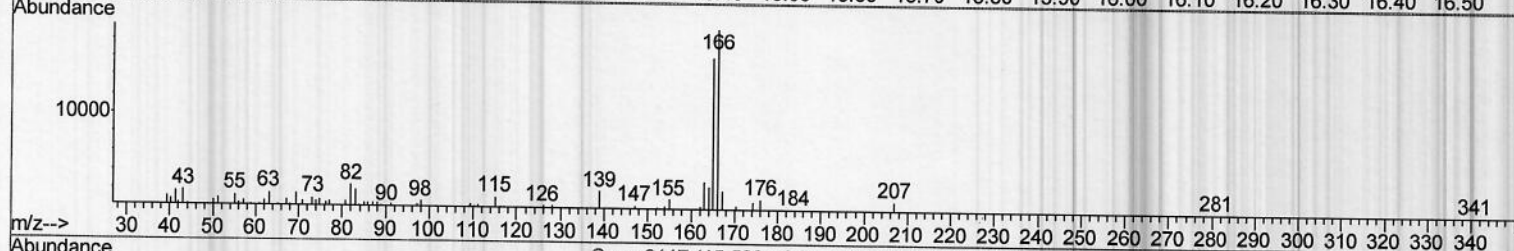
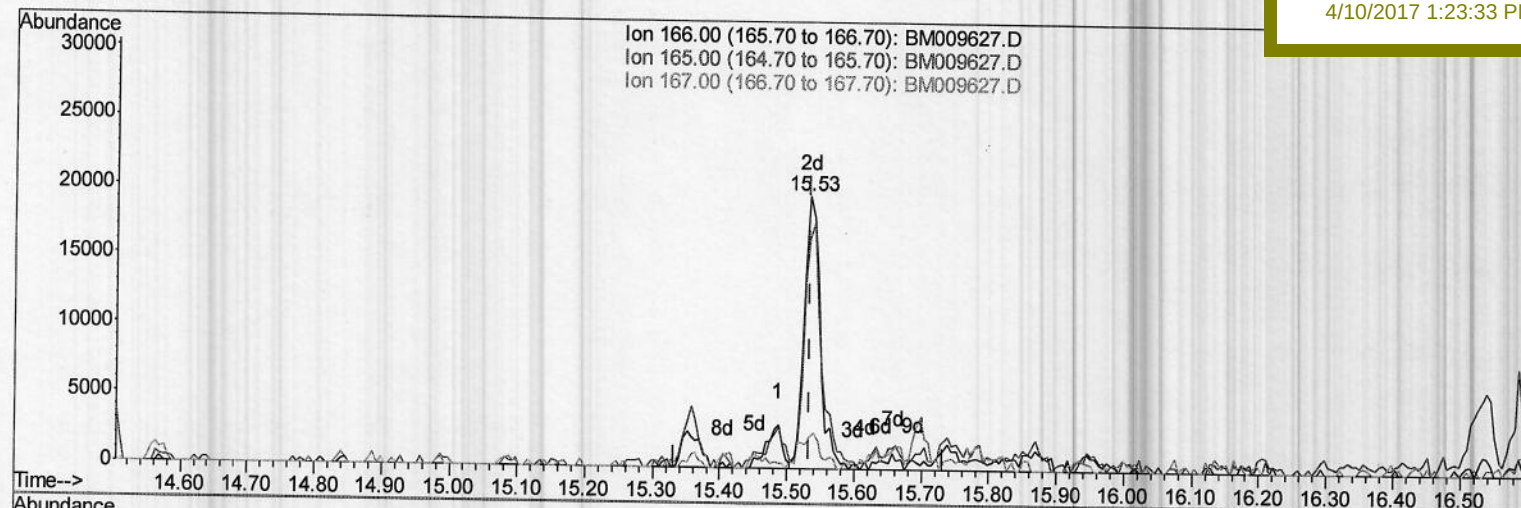
Instrument :
 BNA_M
 ClientSampleId :
 CB377

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:33 PM

Quant Time: Apr 07 14:38:04 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 166.00 (165.70 to 166.70): BM009627.D
 Ion 165.00 (164.70 to 165.70): BM009627.D
 Ion 167.00 (166.70 to 167.70): BM009627.D



TIC: BM009627.D

(11) Fluorene

15.533min (+0.000) 1.15ng/ul m

response 32225

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	84.05
167.00	14.50	11.53#
0.00	0.00	0.00

55
 04/10/2017

Quantitation Report (Qedit)

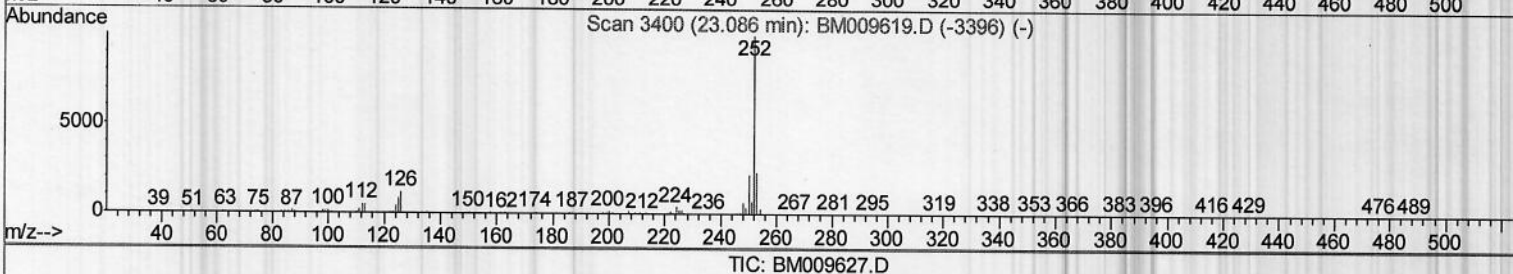
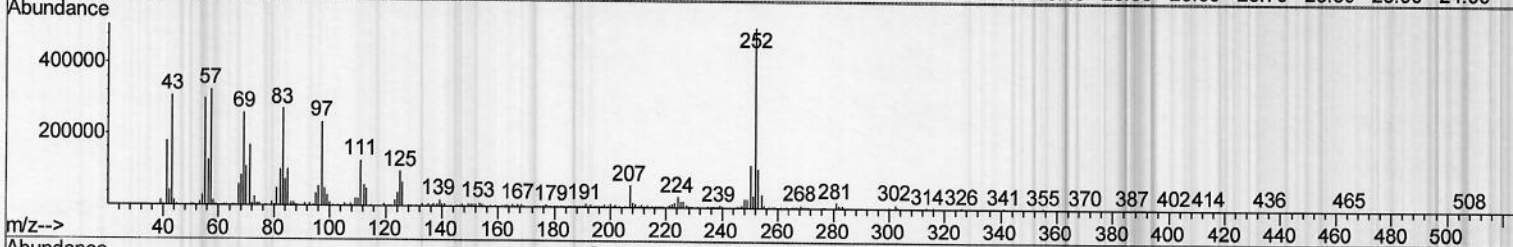
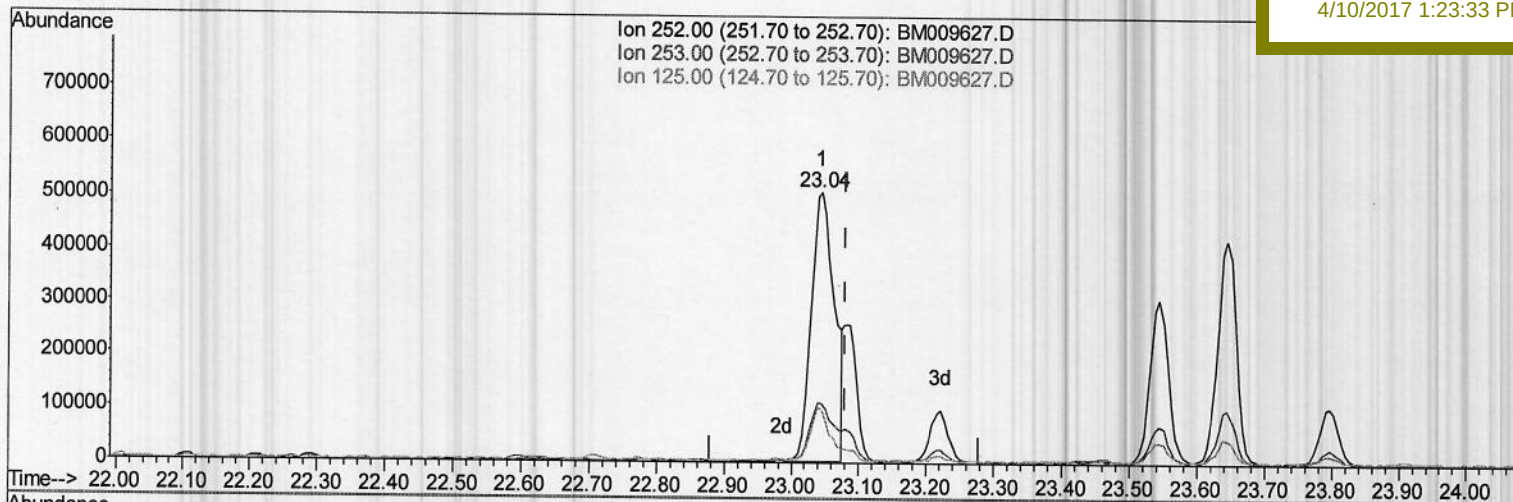
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009627.D
 Acq On : 07 Apr 2017 14:02
 Operator : SJ/MA
 Sample : I2526-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 14:38:04 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 :
 CB377

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:33 PM



(25) Benzo(k)fluoranthene

23.045min (-0.035) 21.79ng/ul

response 1213077

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.47
125.00	11.00	18.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

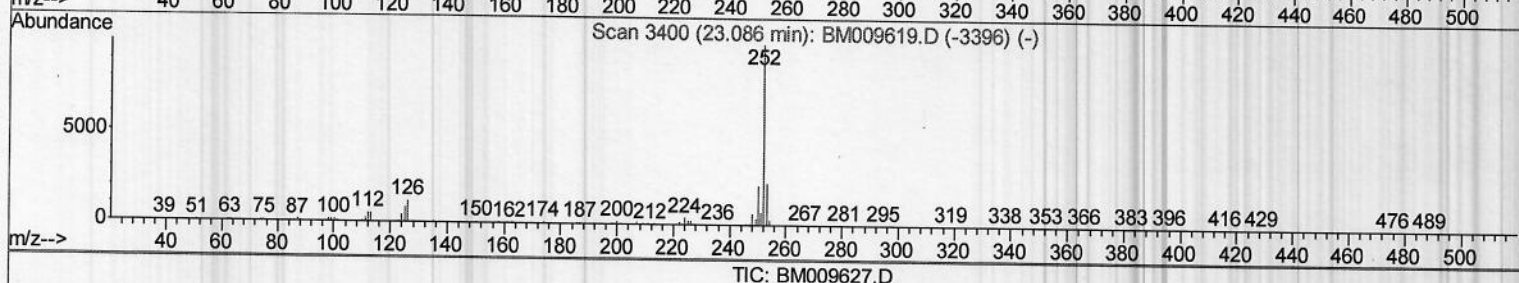
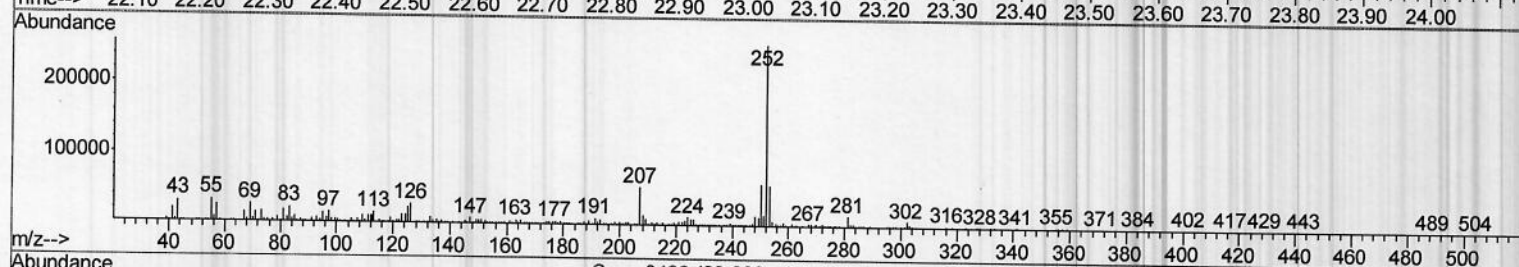
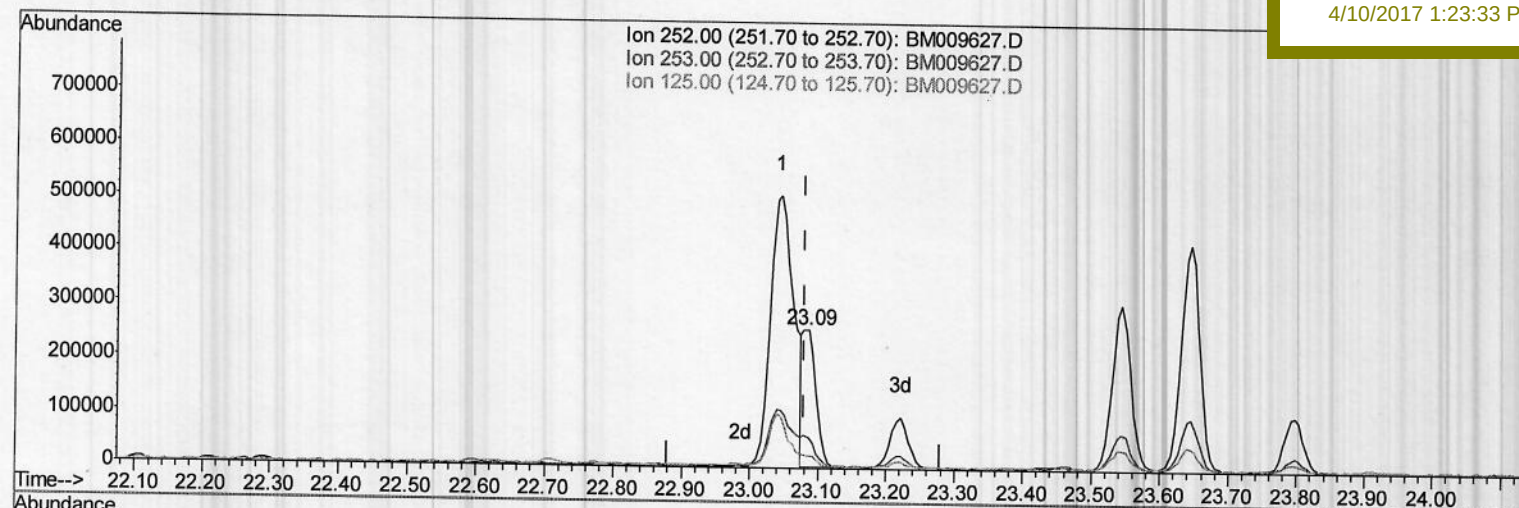
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009627.D
 Acq On : 07 Apr 2017 14:02
 Operator : SJ/MA
 Sample : I2526-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB377

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:33 PM

Quant Time: Apr 07 14:38:04 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

23.086min (+0.006) 5.97ng/ul m

response 332114

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.76
125.00	11.00	9.23
0.00	0.00	0.00

SJ
 04/10/2017

Quantitation Report (Qedit)

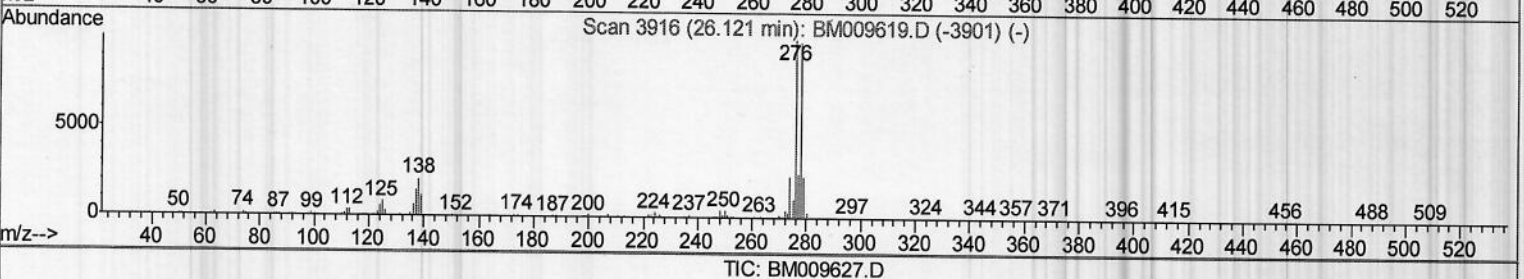
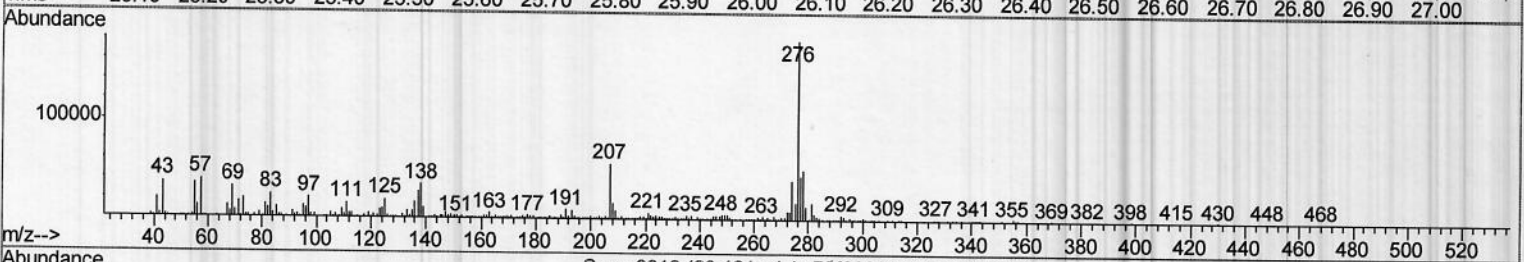
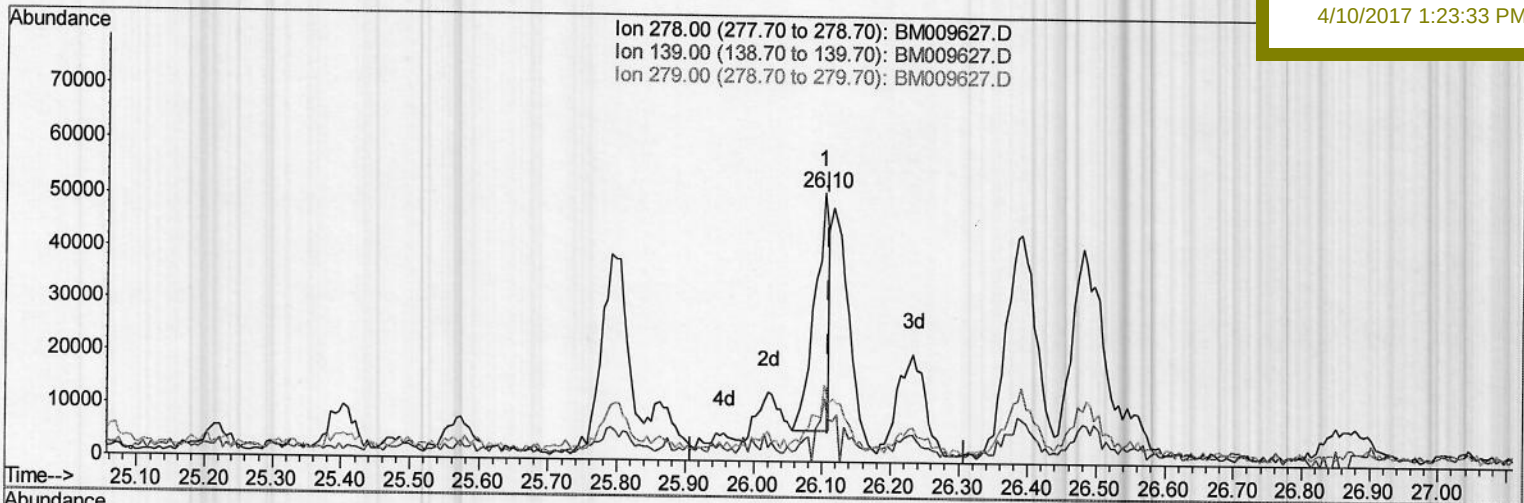
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009627.D
 Acq On : 07 Apr 2017 14:02
 Operator : SJ/MA
 Sample : I2526-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 14:38:04 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 :
 CB377

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:33 PM



(29) Dibenzo(a,h)anthracene

26.103min (-0.006) 1.30ng/ul

response 68557

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	23.22#
279.00	25.80	28.07
0.00	0.00	0.00

Quantitation Report (Qedit)

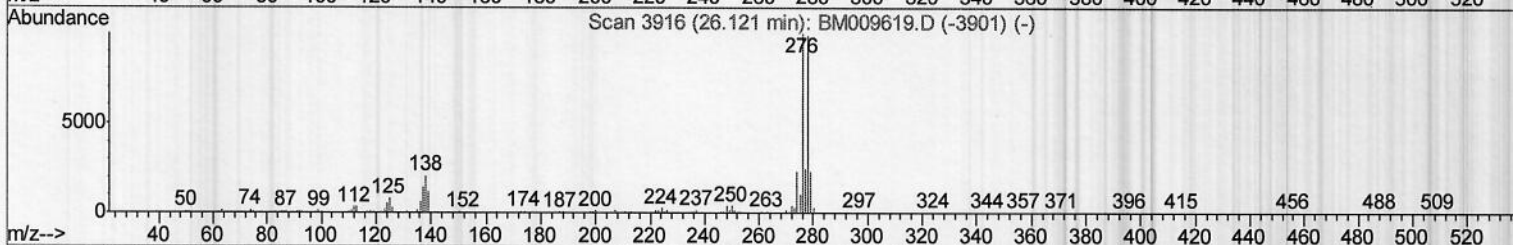
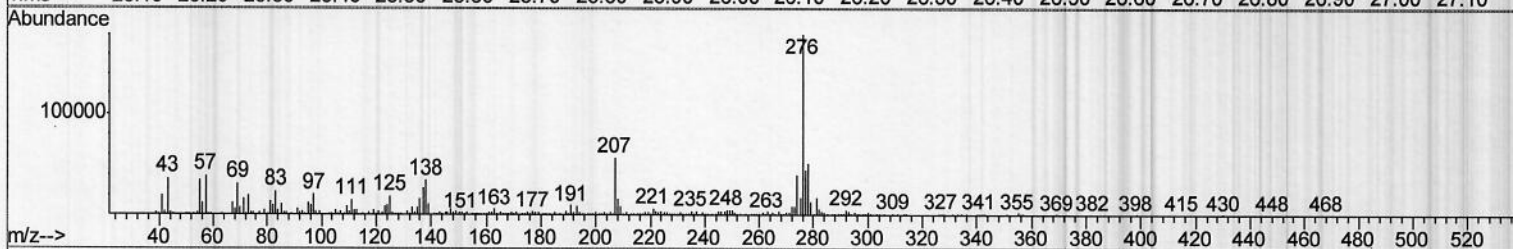
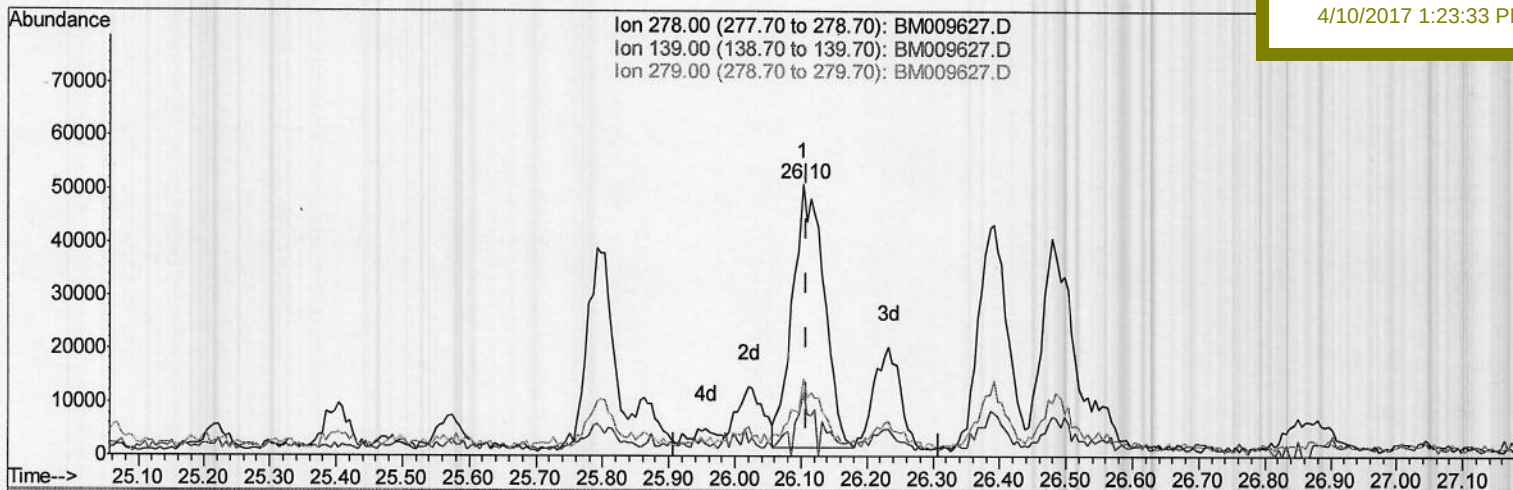
Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009627.D
 Acq On : 07 Apr 2017 14:02
 Operator : SJ/MA
 Sample : I2526-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 14:38:04 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 :
 CB377

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:33 PM



TIC: BM009627.D

(29) Dibenzo(a,h)anthracene

26.103min (-0.006) 3.09ng/ul m

response 163443

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	23.22#
279.00	25.80	28.07
0.00	0.00	0.00

SJ
 04/10/2017

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040817\
 Data File : BM009627.D
 Acq On : 07 Apr 2017 14:02
 Operator : SJ/MA
 Sample : I2526-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB377

Manual Integrations
 APPROVED

mohammad
 4/10/2017 1:23:33 PM

Quant Time: Apr 07 14:40:50 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	152881	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	590993	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	337676	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	773959	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	976368	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	944630	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	167371	18.42	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	977247	29.53	ng/ul	0.00
10) Fluorene-d10	15.48	176	700017	29.41	ng/ul	0.00
15) Anthracene-d10	17.33	188	1169927	31.59	ng/ul	0.00
19) Pyrene-d10	19.63	212	1408187	35.10	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1391483	33.36	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.69	128	59040	1.95	ng/ul	Qvalue 96
5) 2-Methylnaphthalene	12.30	142	38713	1.75	ng/ul	93
8) Acenaphthylene	14.21	152	90214	2.72	ng/ul	98
11) Fluorene	15.53	166	32225m	1.15	ng/ul	
14) Phenanthrene	17.28	178	666383	15.31	ng/ul	97
16) Anthracene	17.37	178	169509	3.77	ng/ul	98
17) Fluoranthene	19.29	202	1402347	25.88	ng/ul	98
20) Pyrene	19.66	202	1382853	26.01	ng/ul	94
21) Benzo(a)anthracene	21.40	228	819587	14.85	ng/ul	99
22) Chrysene	21.46	228	824572	16.30	ng/ul	95
24) Benzo(b)fluoranthene	23.04	252	1213077	20.76	ng/ul#	92
25) Benzo(k)fluoranthene	23.09	252	332114m	5.97	ng/ul	
27) Benzo(a)pyrene	23.64	252	793323	14.28	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	26.11	276	594980	9.55	ng/ul	96
29) Dibenzo(a,h)anthracene	26.10	278	163443m	3.09	ng/ul	
30) Benzo(g,h,i)perylene	26.85	276	548378	10.68	ng/ul#	93

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

SJ
 04/10/2017

SJ
 04/10/2017