

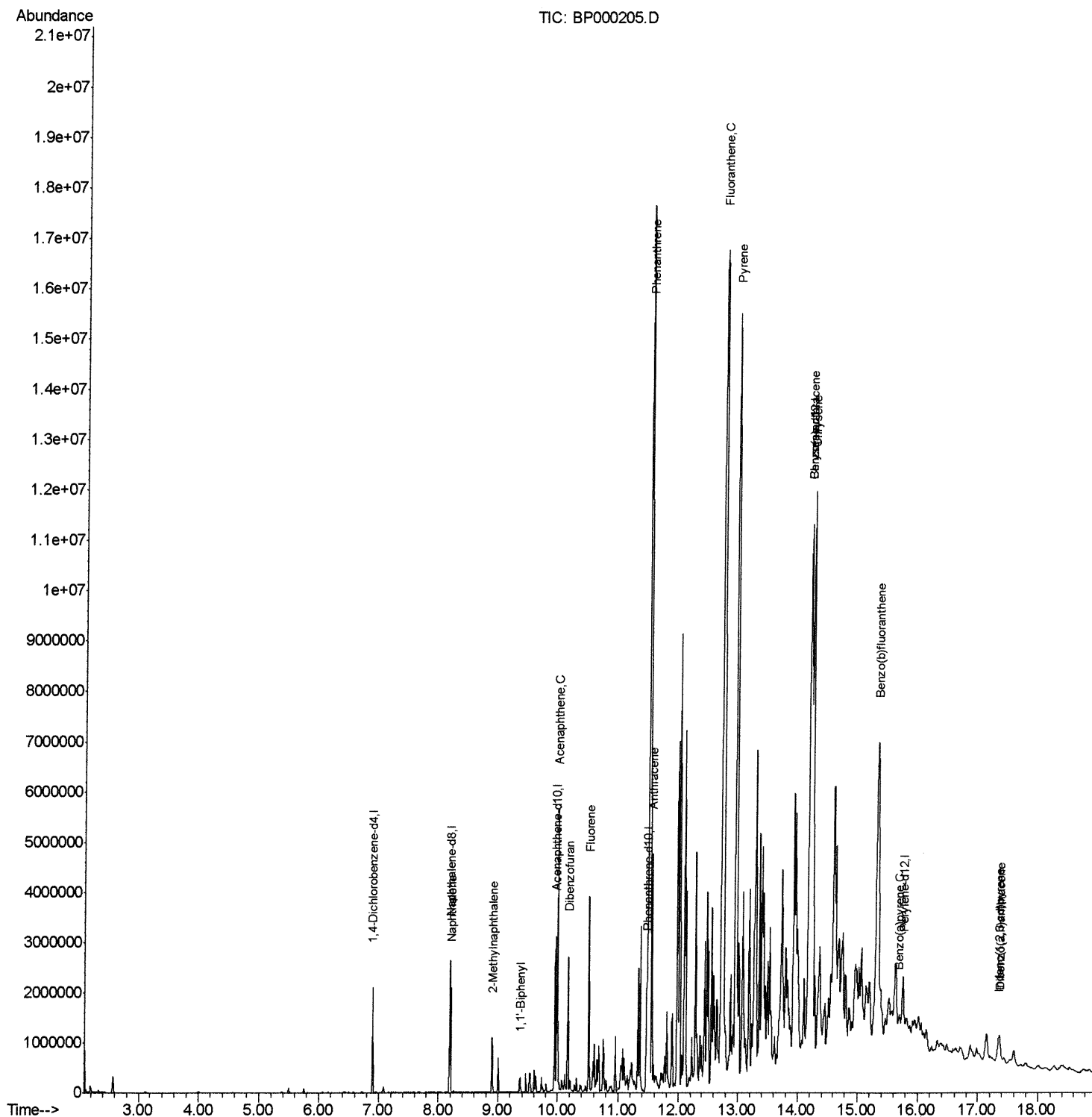
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D27

Manual Integrations
APPROVED

mohammad
9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:47:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000204.D
 Acq On : 11 Sep 2019 15:31
 Operator : HP/JU
 Sample : K4634-07
 Misc : GCMS CONFIRMATION
 ALS Vial : 40 Sample Multiplier: 1

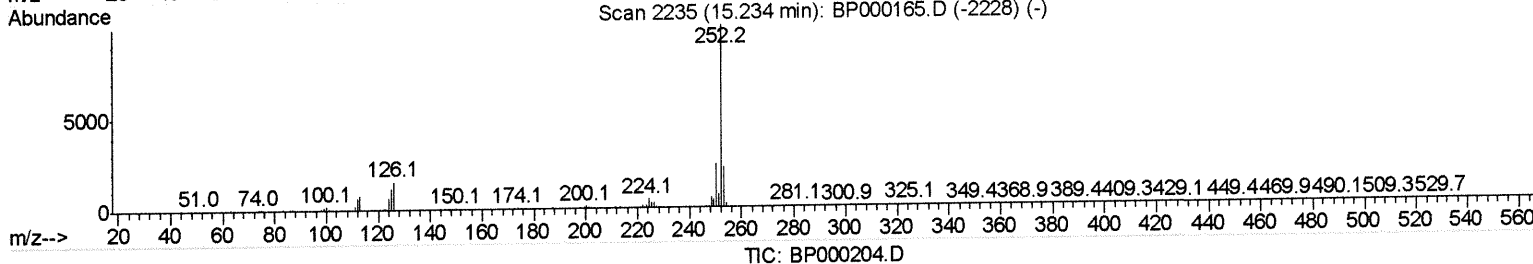
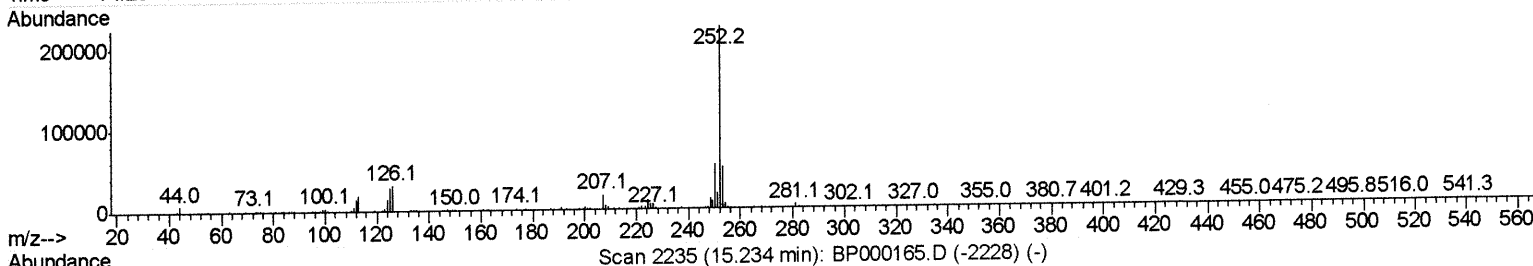
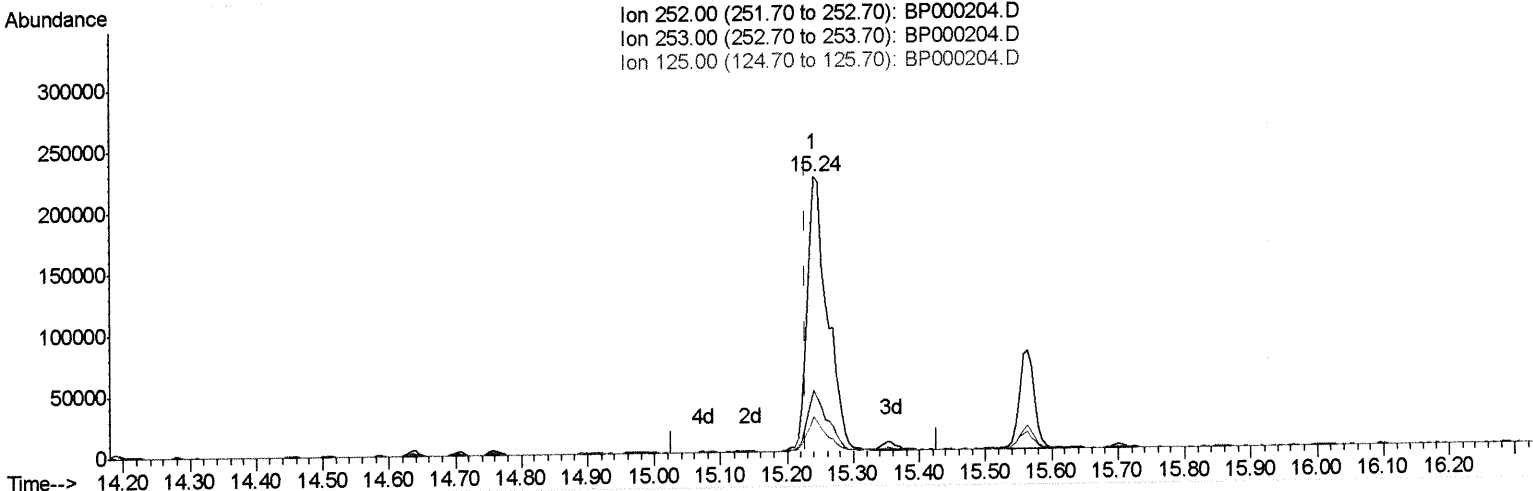
Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:15:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BP000204.D
 Ion 253.00 (252.70 to 253.70): BP000204.D
 Ion 125.00 (124.70 to 125.70): BP000204.D



(88) Benzo(b)fluoranthene
 15.239min (+0.012) 6.90ng/ul
 response 482098

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.34
125.00	12.40	12.55
0.00	0.00	0.00

Quantitation Report (Qedit)

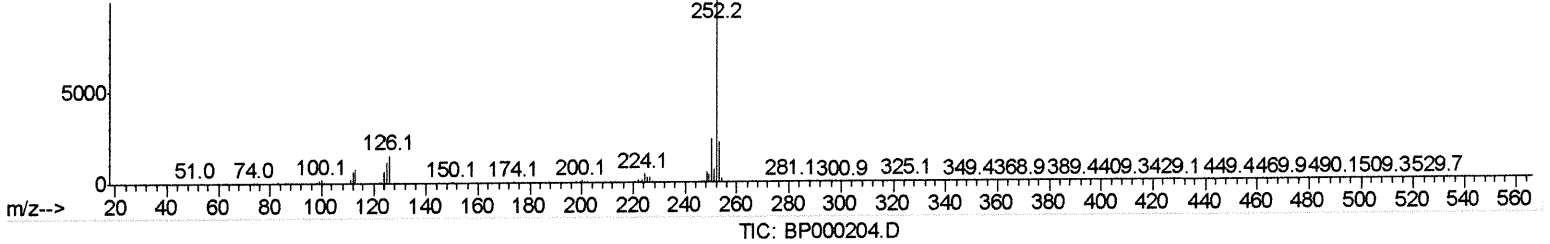
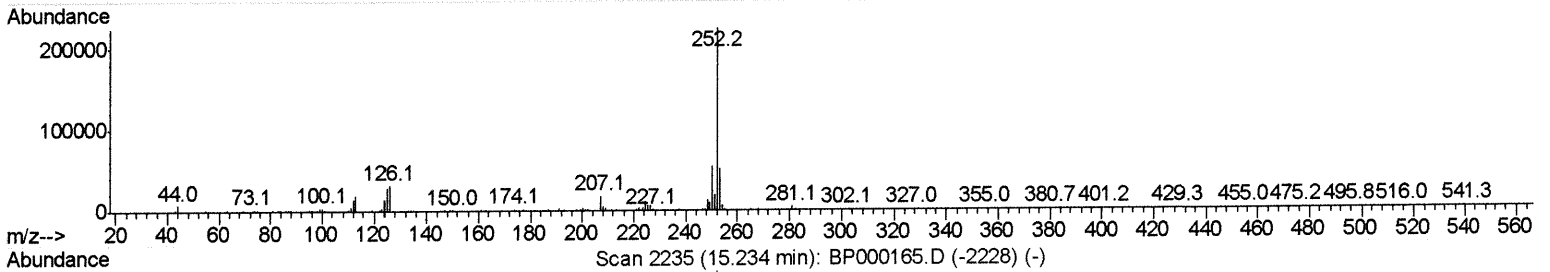
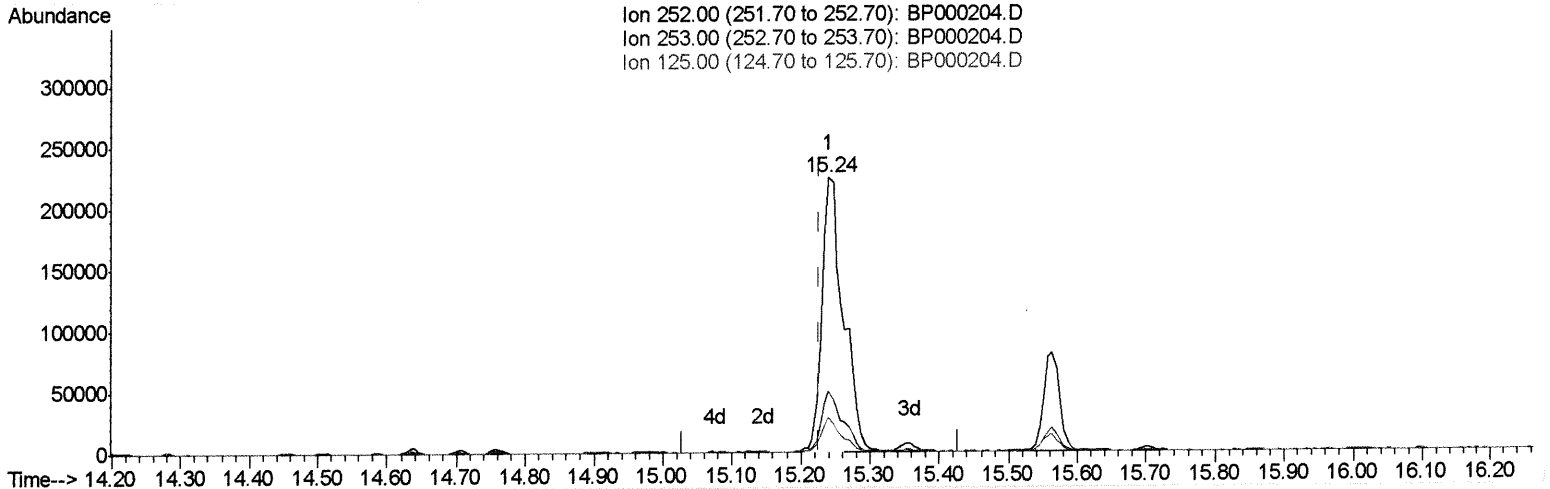
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000204.D
 Acq On : 11 Sep 2019 15:31
 Operator : HP/JU
 Sample : K4634-07
 Misc : GCMS CONFIRMATION
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:15:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(88) Benzo(b)fluoranthene

15.239min (+0.012) 5.76ng/ul m *JU 09/13/19*

response 402309

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.34
125.00	12.40	12.55
0.00	0.00	0.00

Quantitation Report (Qedit)

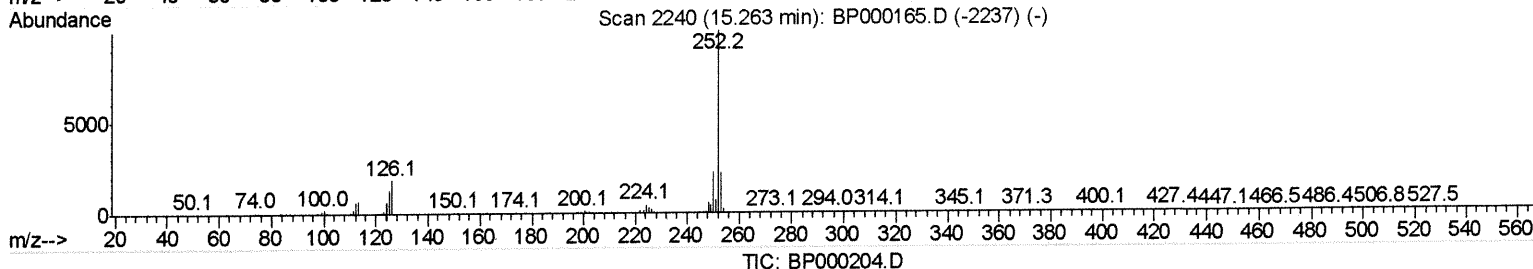
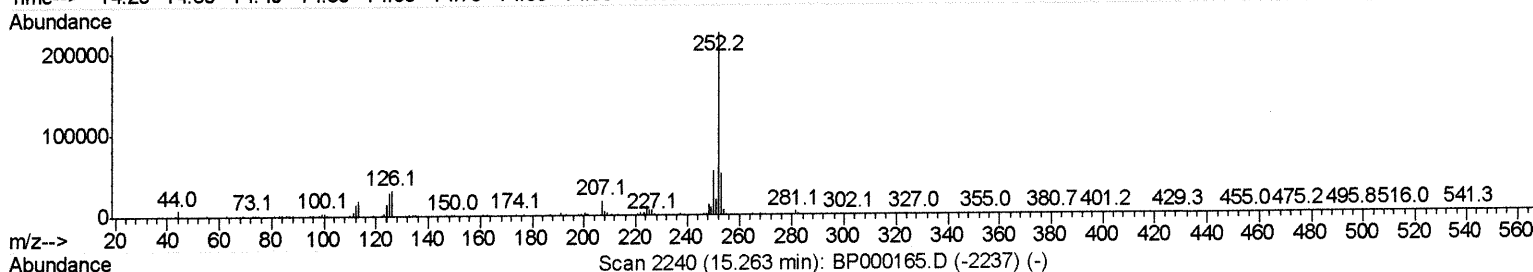
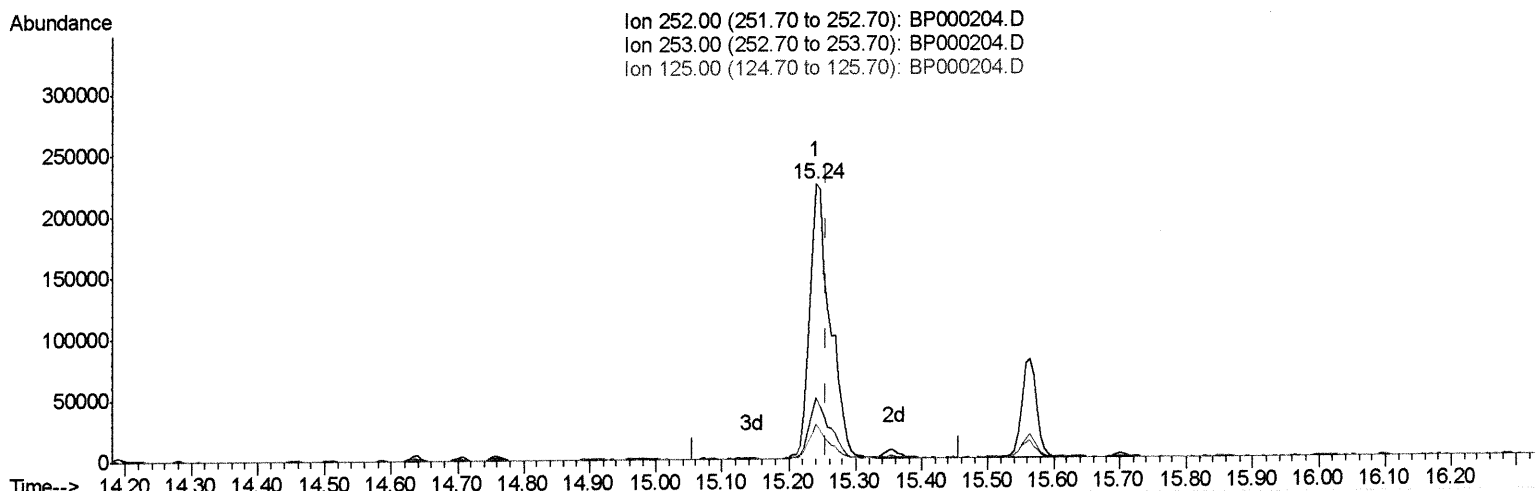
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000204.D
 Acq On : 11 Sep 2019 15:31
 Operator : HP/JU
 Sample : K4634-07
 Misc : GCMS CONFIRMATION
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual Integrations
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mohammad
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Quant Time: Sep 12 02:15:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
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 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

15.239min (-0.018) 7.32ng/ul

response 482098

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.34
125.00	12.70	12.55
0.00	0.00	0.00

Quantitation Report (Qedit)

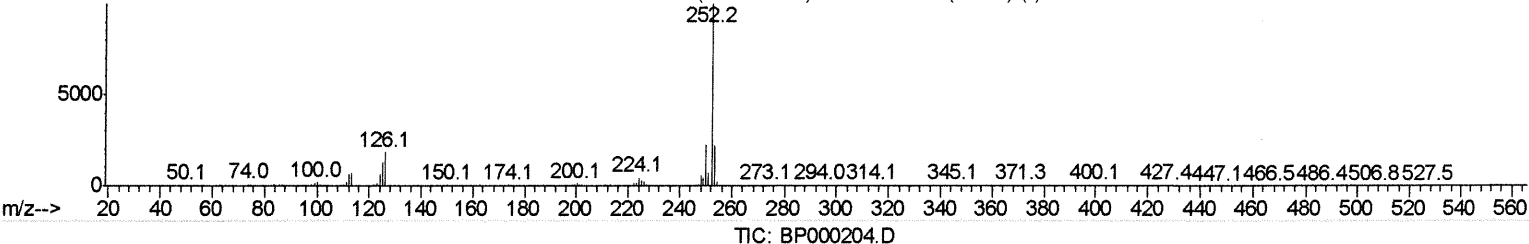
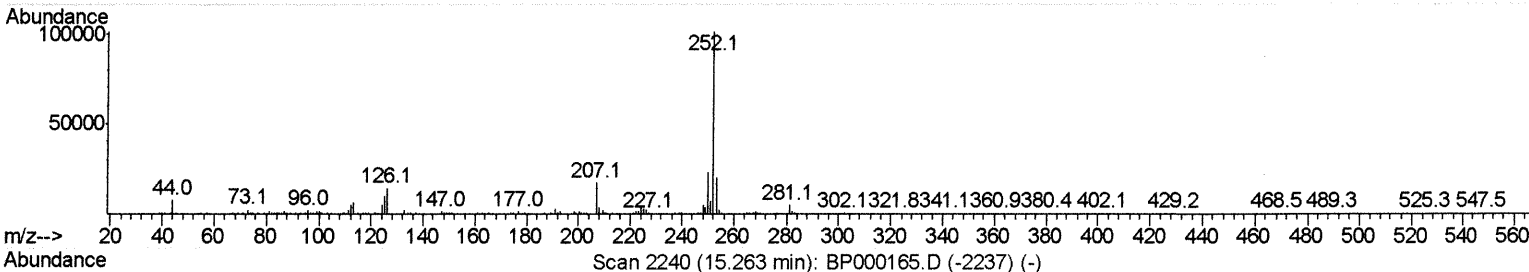
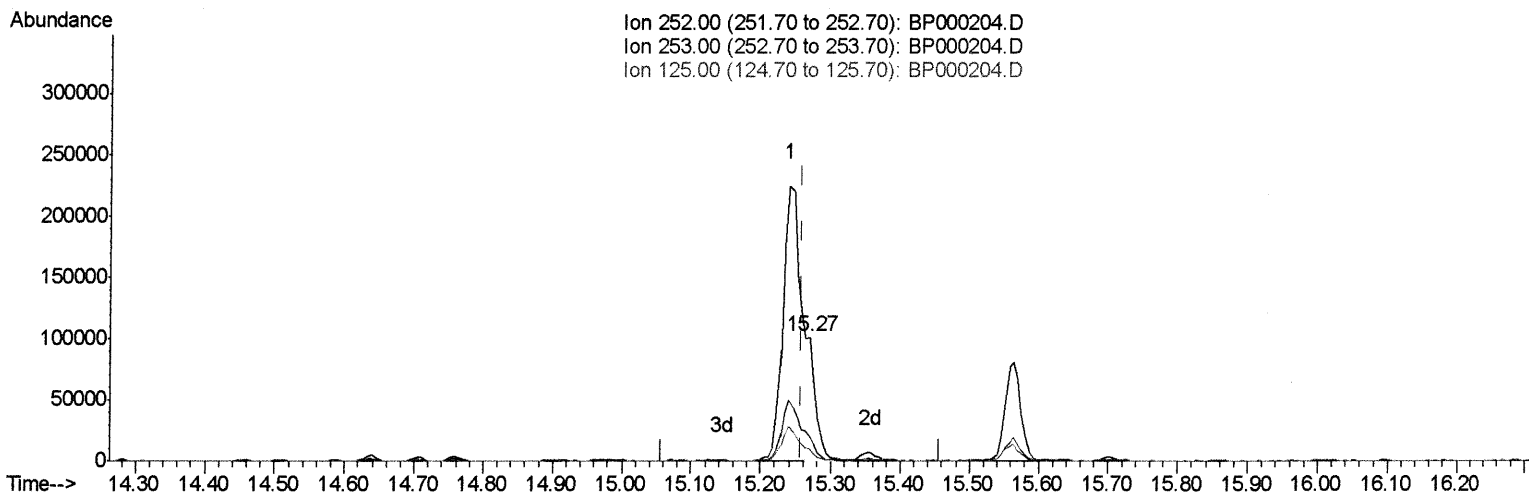
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000204.D
 Acq On : 11 Sep 2019 15:31
 Operator : HP/JU
 Sample : K4634-07
 Misc : GCMS CONFIRMATION
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:15:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

15.269min (+0.012) 1.22ng/ul m

response 80387

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	19.94
125.00	12.70	9.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

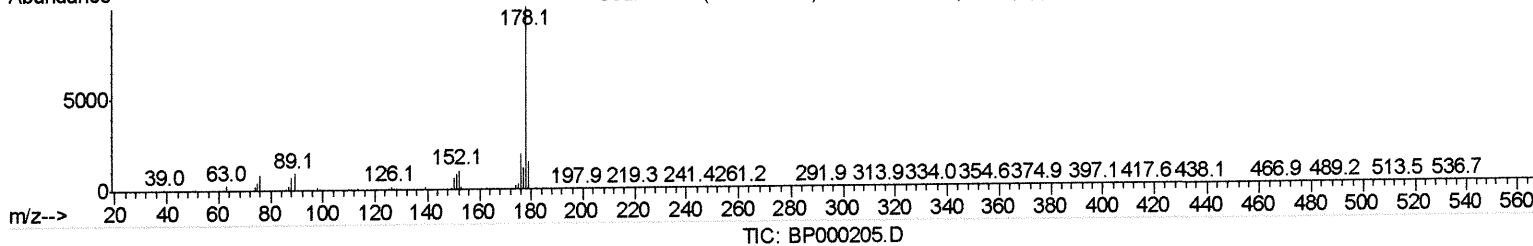
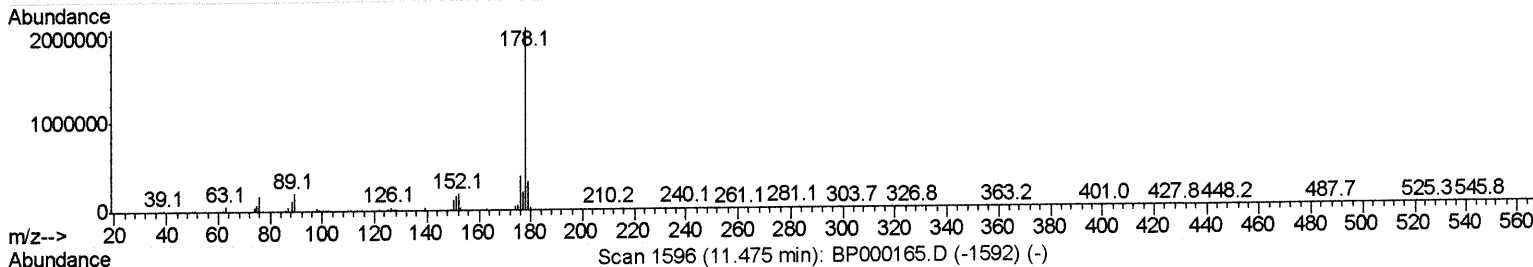
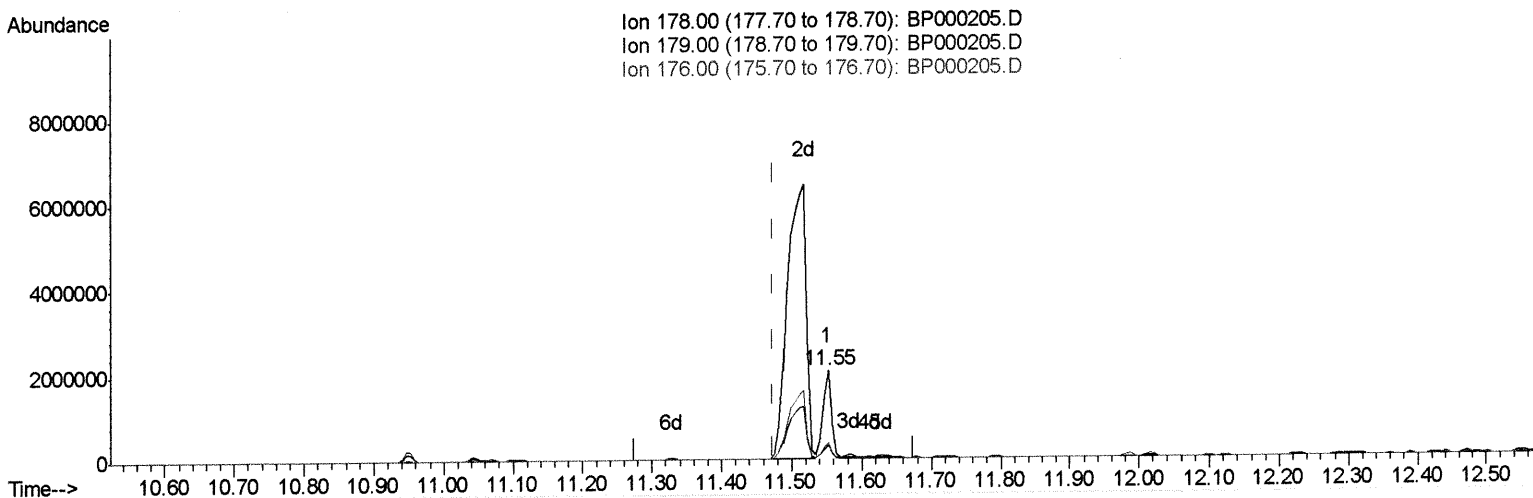
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D27

Manual Integrations
APPROVED

mohammad
9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:15:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



(70) Phenanthrene

11.552min (+0.077) 26.56ng/ul

response 1746137

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	15.90
176.00	19.60	18.71
0.00	0.00	0.00

Quantitation Report (Qedit)

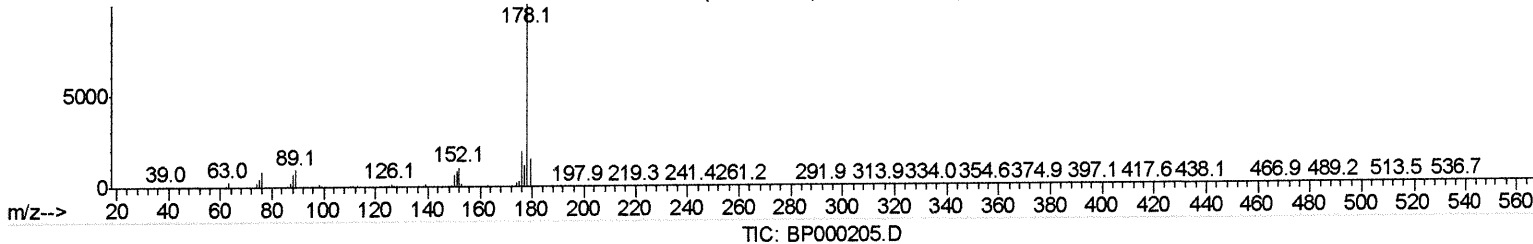
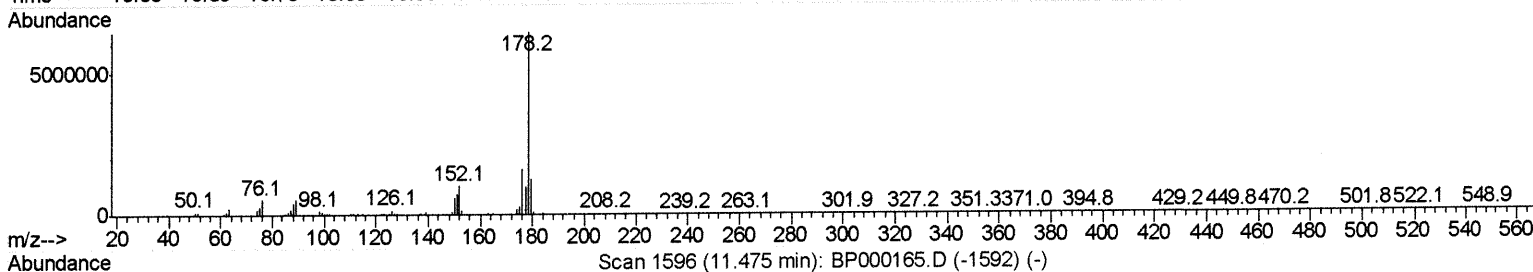
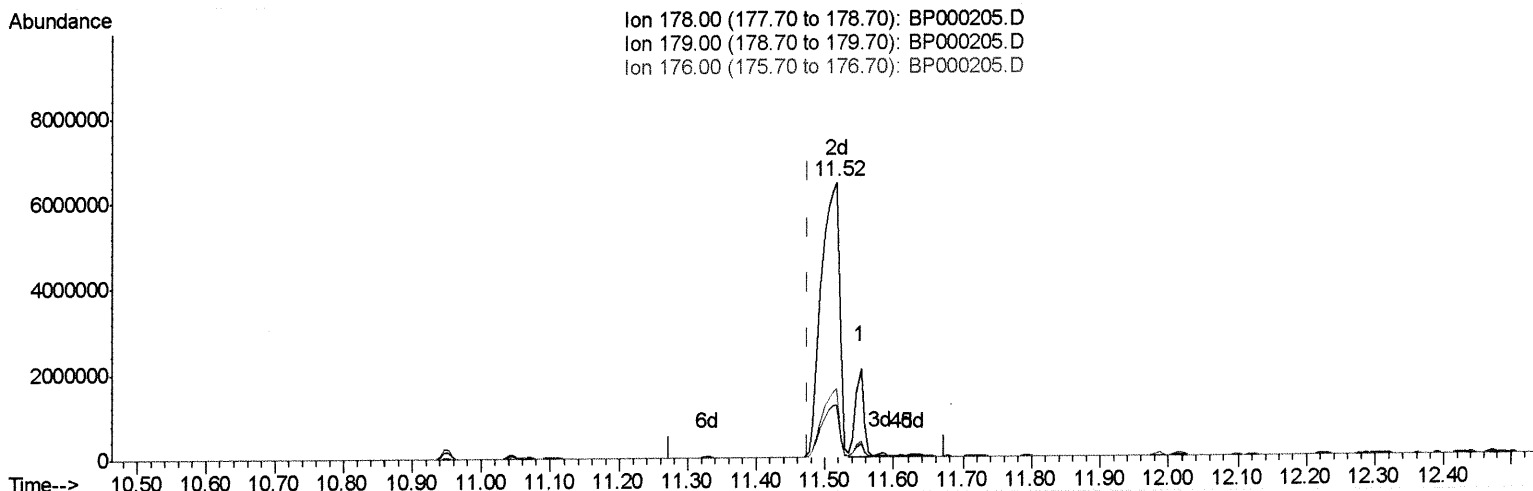
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000205.D
 Acq On : 11 Sep 2019 17:38
 Operator : HP/JU
 Sample : K4634-09
 Misc : GCMS CONFIRMATION
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:15:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration



(70) Phenanthrene

11.516min (+0.042) 181.41ng/ul m *JU 09/13/19*

response 11926974

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	19.24#
176.00	19.60	24.98#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000205.D
 Acq On : 11 Sep 2019 17:38
 Operator : HP/JU
 Sample : K4634-09
 Misc : GCMS CONFIRMATION
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual Integrations
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mohammad
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	284131	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1119167	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.96	164	622100	20.00	ng/ul	0.01
62) Phenanthrene-d10	11.47	188	1111762	20.00	ng/ul	0.02
78) Chrysene-d12	14.20	240	631527	20.00	ng/ul	0.06
86) Perylene-d12	15.76	264	966018	20.00	ng/ul	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl) ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	8.20	128	840871	13.793	ng/ul	99
34) 2-Methylnaphthalene	8.90	142	278870	6.698	ng/ul	99
41) 1,1'-Biphenyl	9.37	154	85286	1.664	ng/ul	98
50) Acenaphthene	9.99	153	1453407	35.367	ng/ul	98
54) Dibenzofuran	10.16	168	966495	17.142	ng/ul	99
59) Fluorene	10.51	166	1021029	23.410	ng/ul	99
70) Phenanthrene	11.52	178	11926974m→	181.408	ng/ul	99
72) Anthracene	11.55	178	1744439	26.964	ng/ul	99
77) Fluoranthene	12.75	202	15805091	238.341	ng/ul	99
80) Pyrene	12.98	202	10856689	227.861	ng/ul#	91
83) Benzo(a)anthracene	14.20	228	9256211	202.479	ng/ul	95
85) Chrysene	14.25	228	7197029	171.566	ng/ul	93
88) Benzo(b)fluoranthene	15.32	252	6967454	108.823	ng/ul	98
91) Benzo(a)pyrene	15.68	252	130868	2.179	ng/ul#	60
92) Indeno(1,2,3-cd)pyrene	17.34	276	277588	4.017	ng/ul#	80
93) Dibenzo(a,h)anthracene	17.36	278	417180	7.288	ng/ul#	91

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