

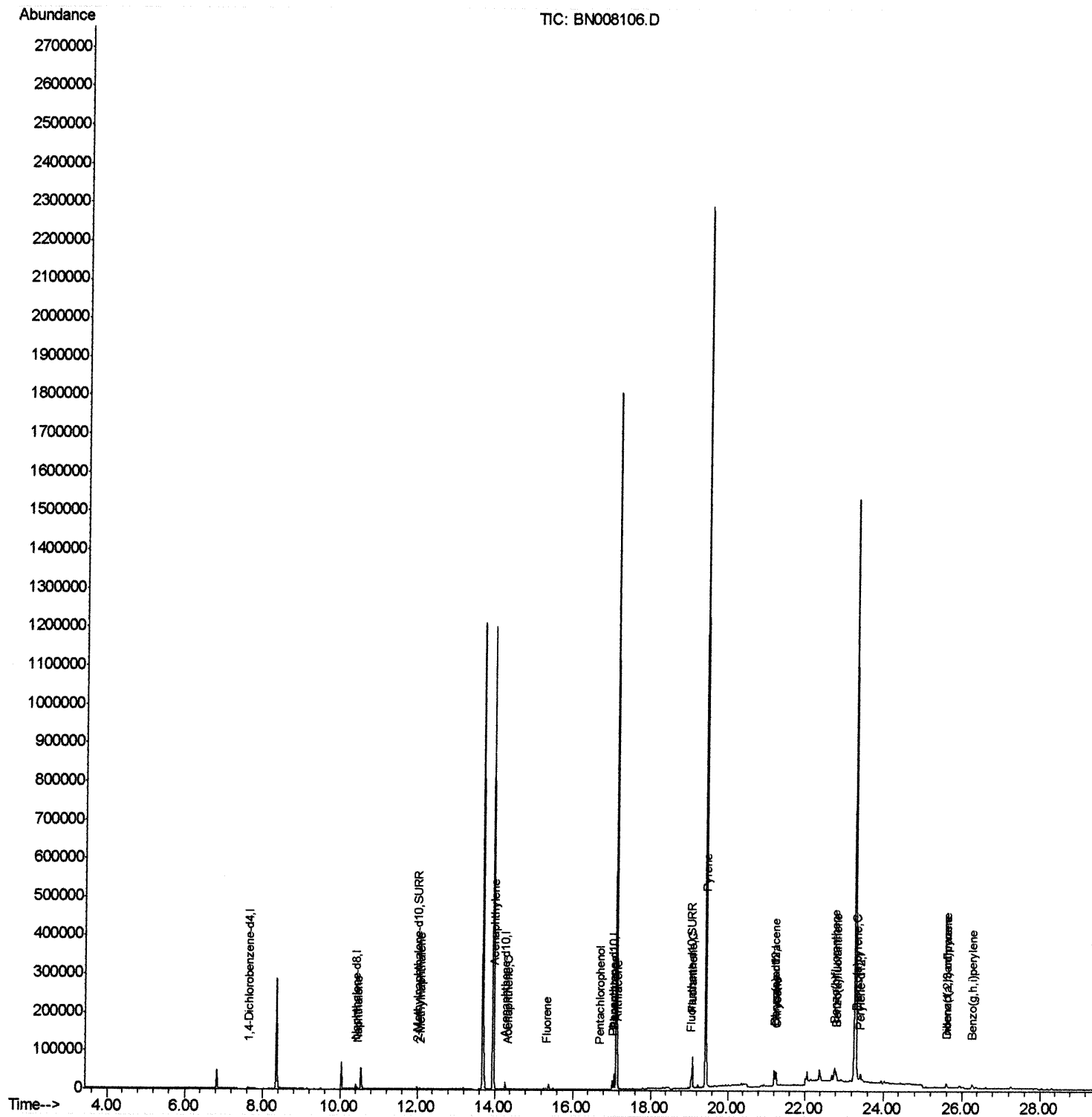
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:44:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

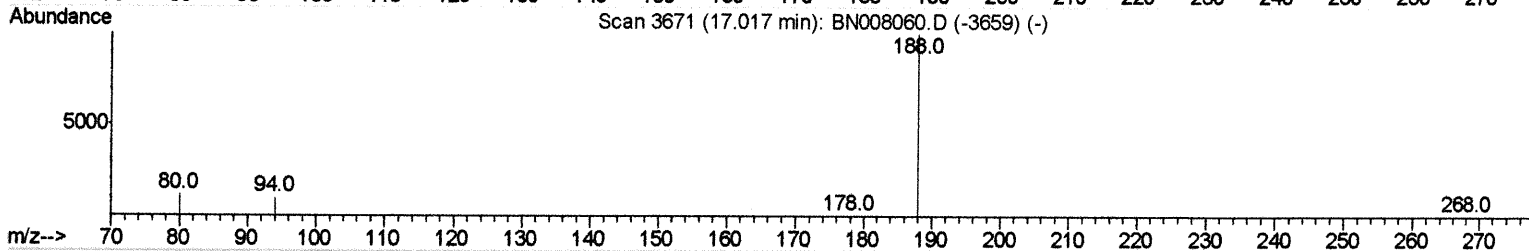
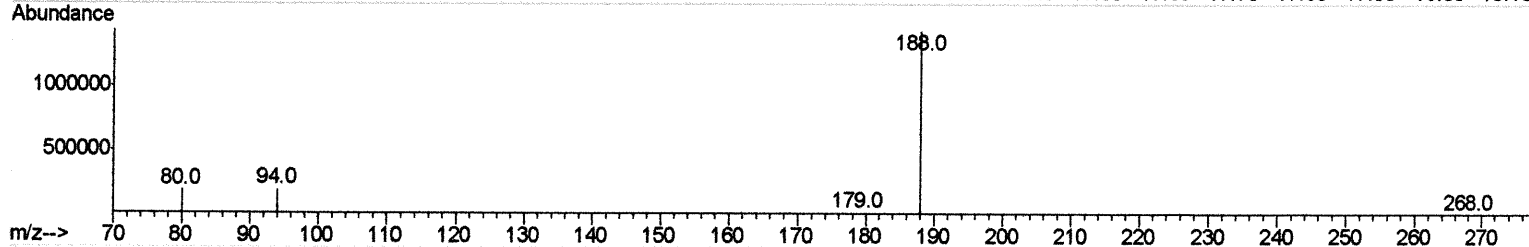
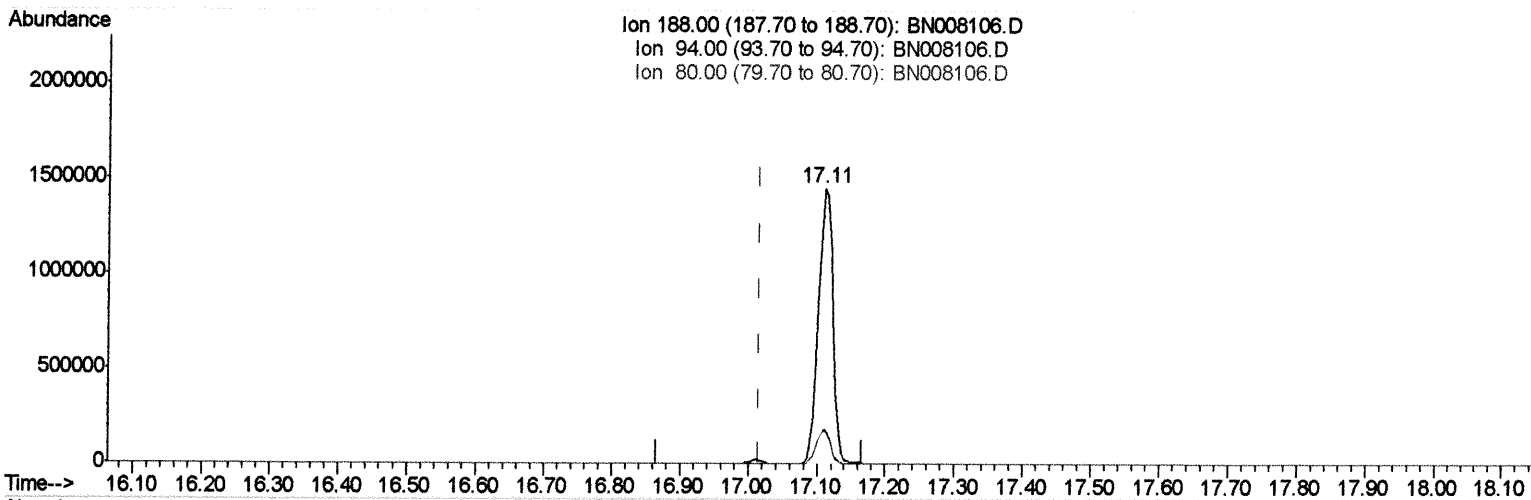
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 12 21:40:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008106.D

(10) Phenanthrene-d10 (I)
 17.110min (+0.093) 0.40ng/ul
 response 2102122

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.58
80.00	12.60	12.23
0.00	0.00	0.00

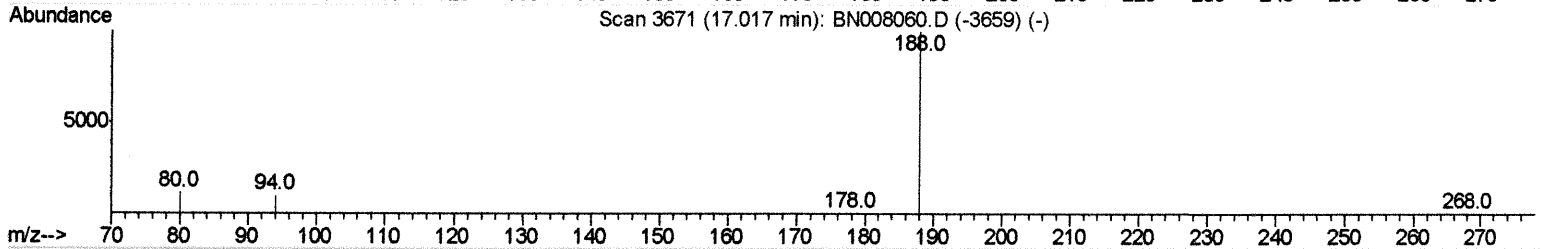
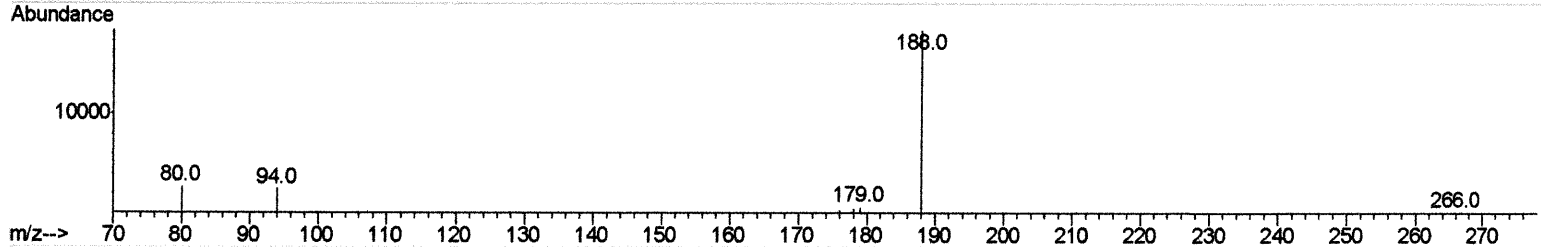
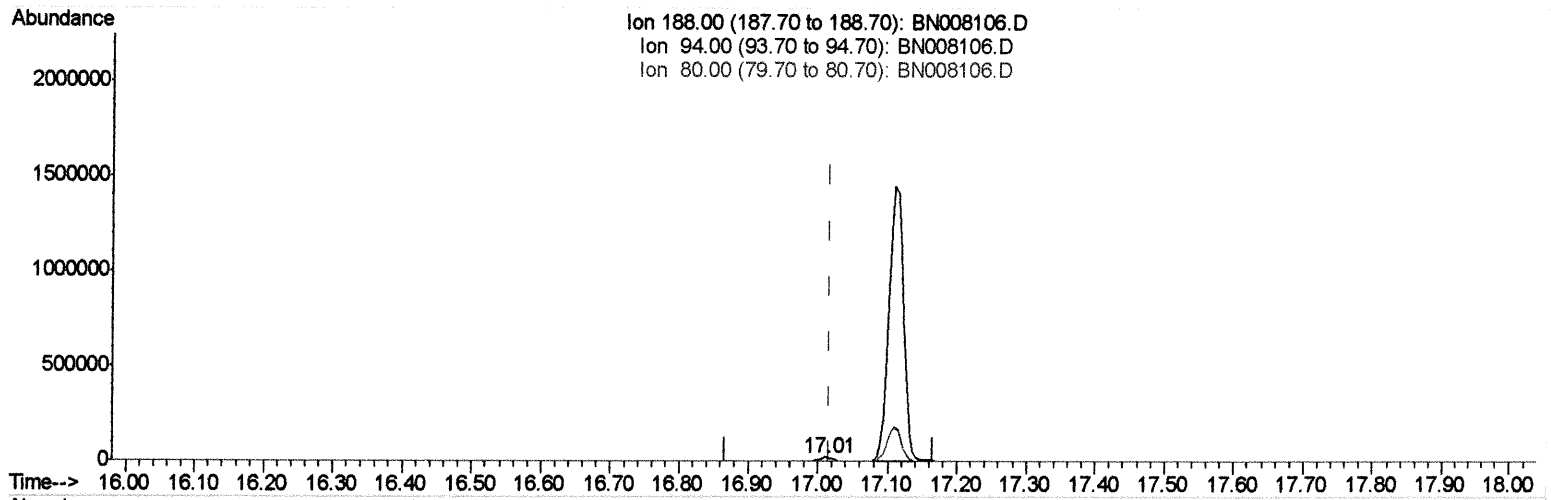
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 12 21:40:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.013min (-0.004) 0.40ng/ul m

JU 10/16/19

response 24899

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.56#
80.00	12.60	14.66
0.00	0.00	0.00

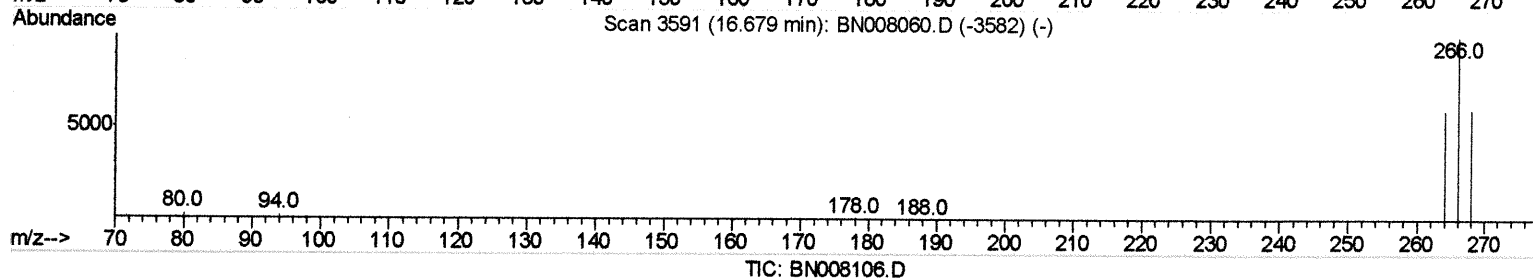
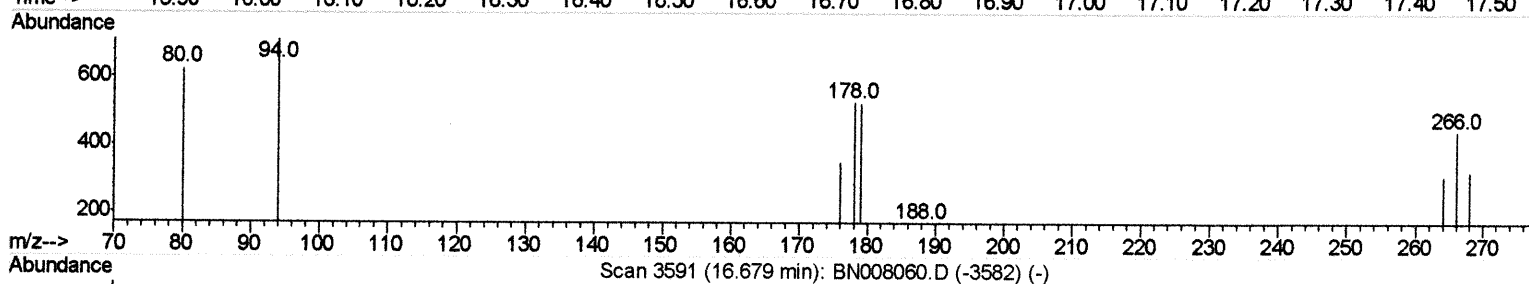
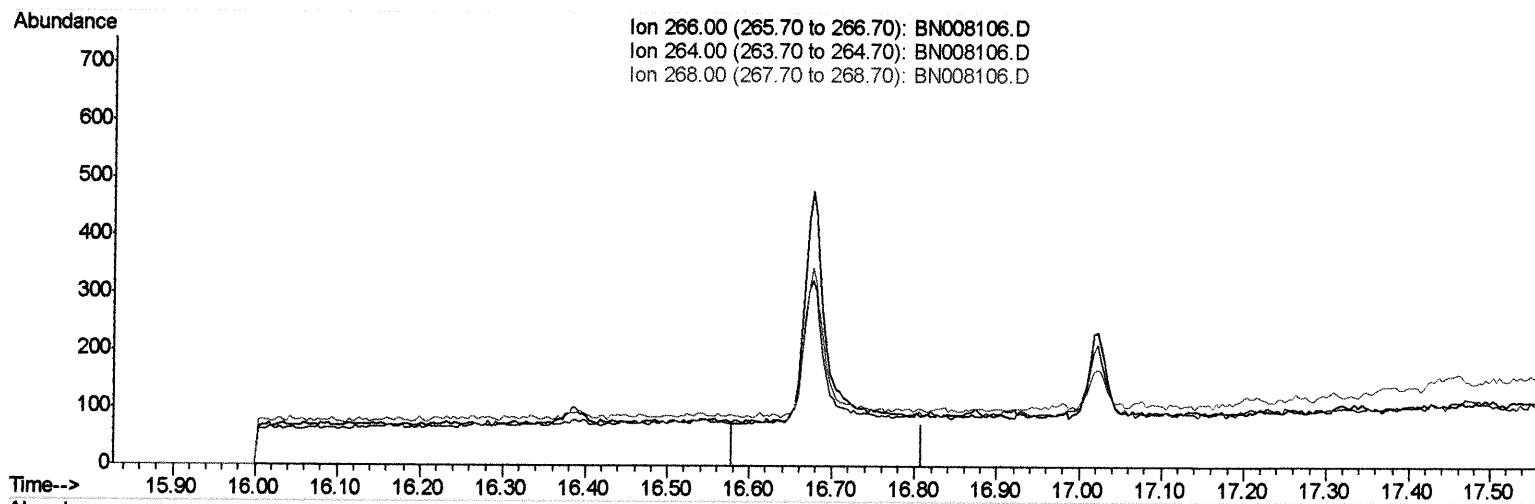
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(11) Pentachlorophenol

16.679min (-16.679) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	62.60	0.00#
268.00	64.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

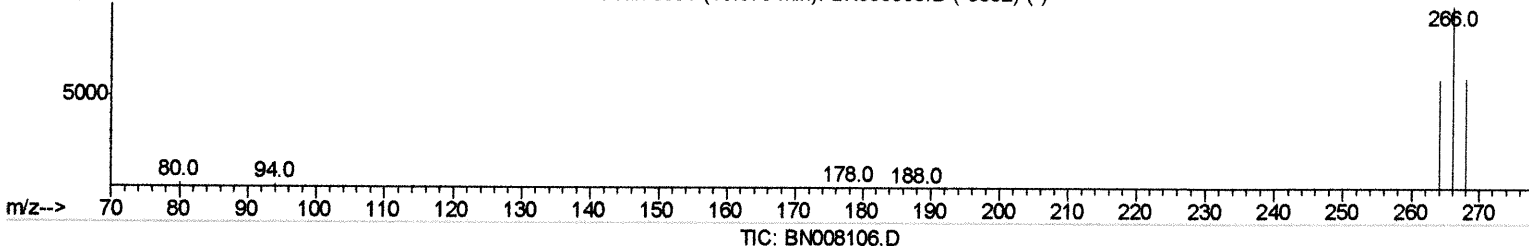
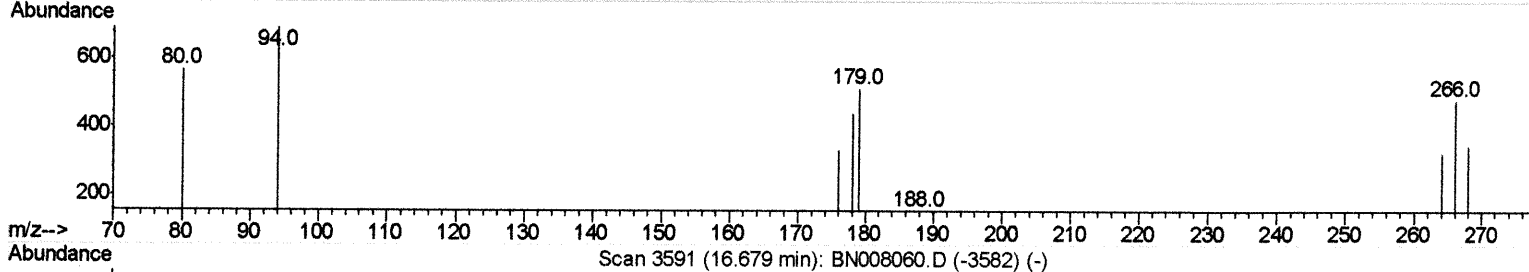
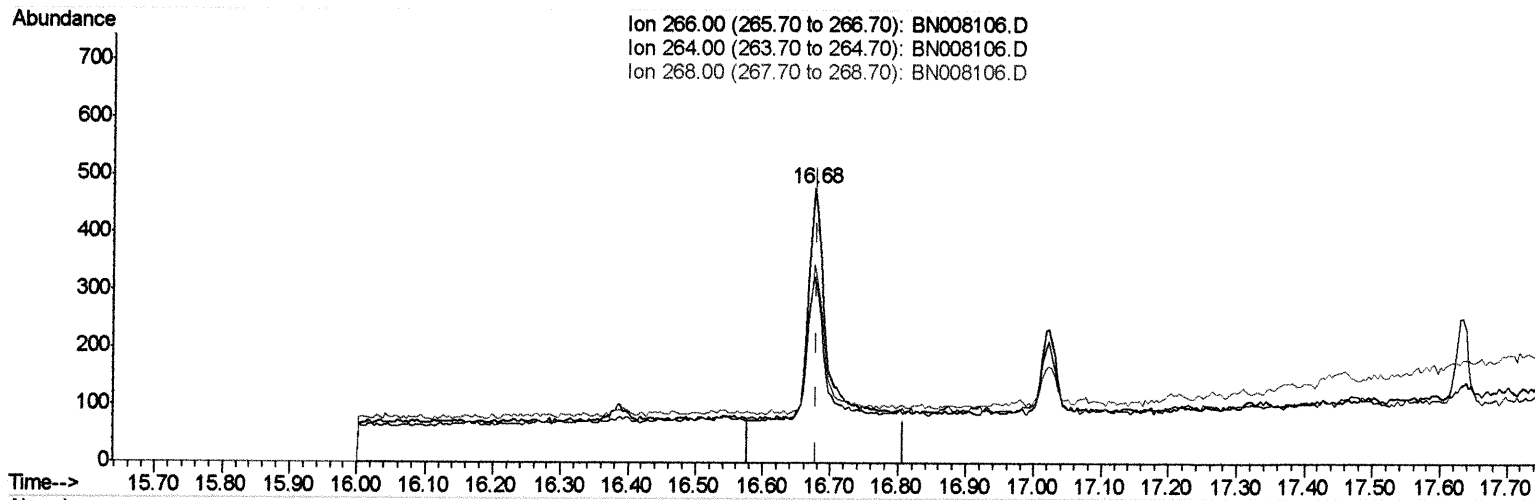
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.675min (-0.004) 0.11ng/ul m

JU 10/16/19

response 688

Ion	Exp%	Act%
266.00	100	100
264.00	62.60	0.00#
268.00	64.90	0.00#
0.00	0.00	0.00

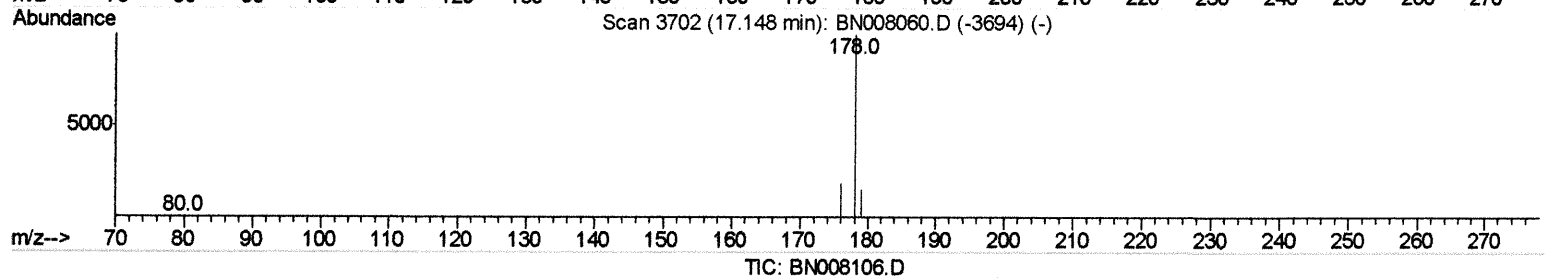
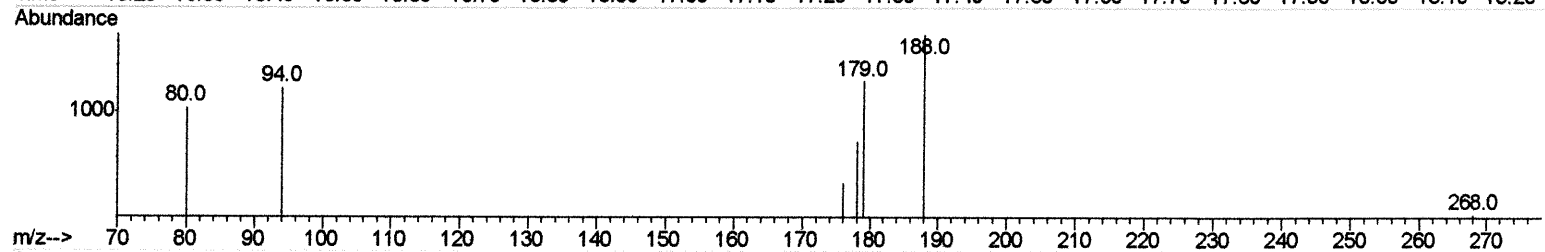
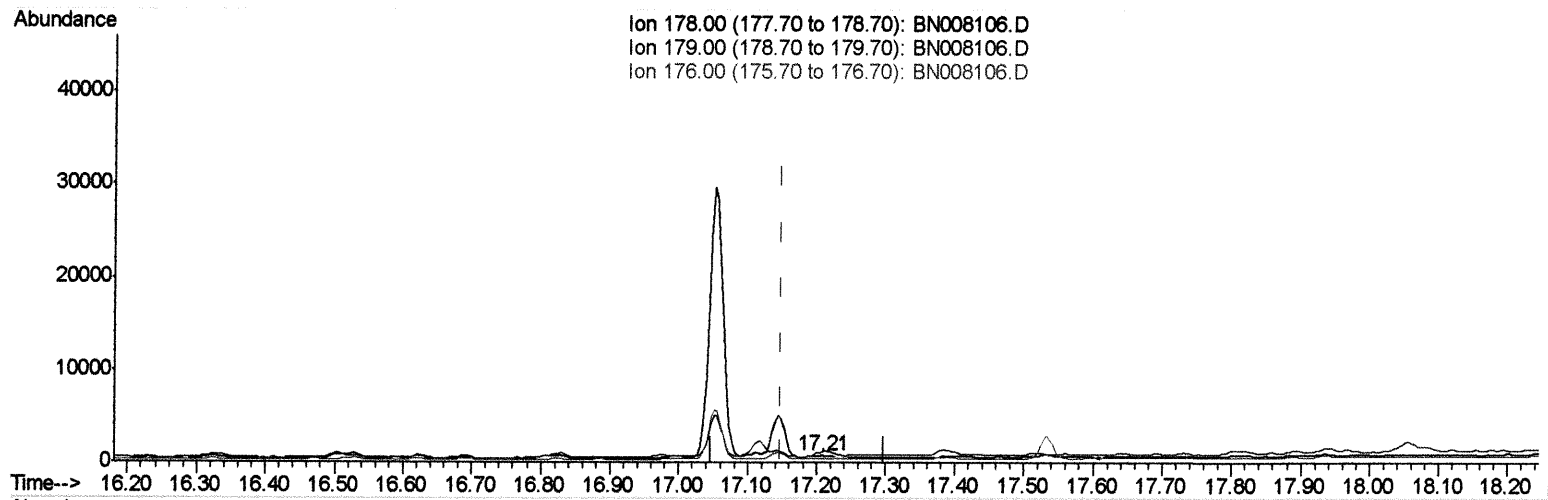
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(13) Anthracene

17.207min (+0.059) 0.01ng/ul

response 327

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	169.44#
176.00	18.80	51.88#
0.00	0.00	0.00

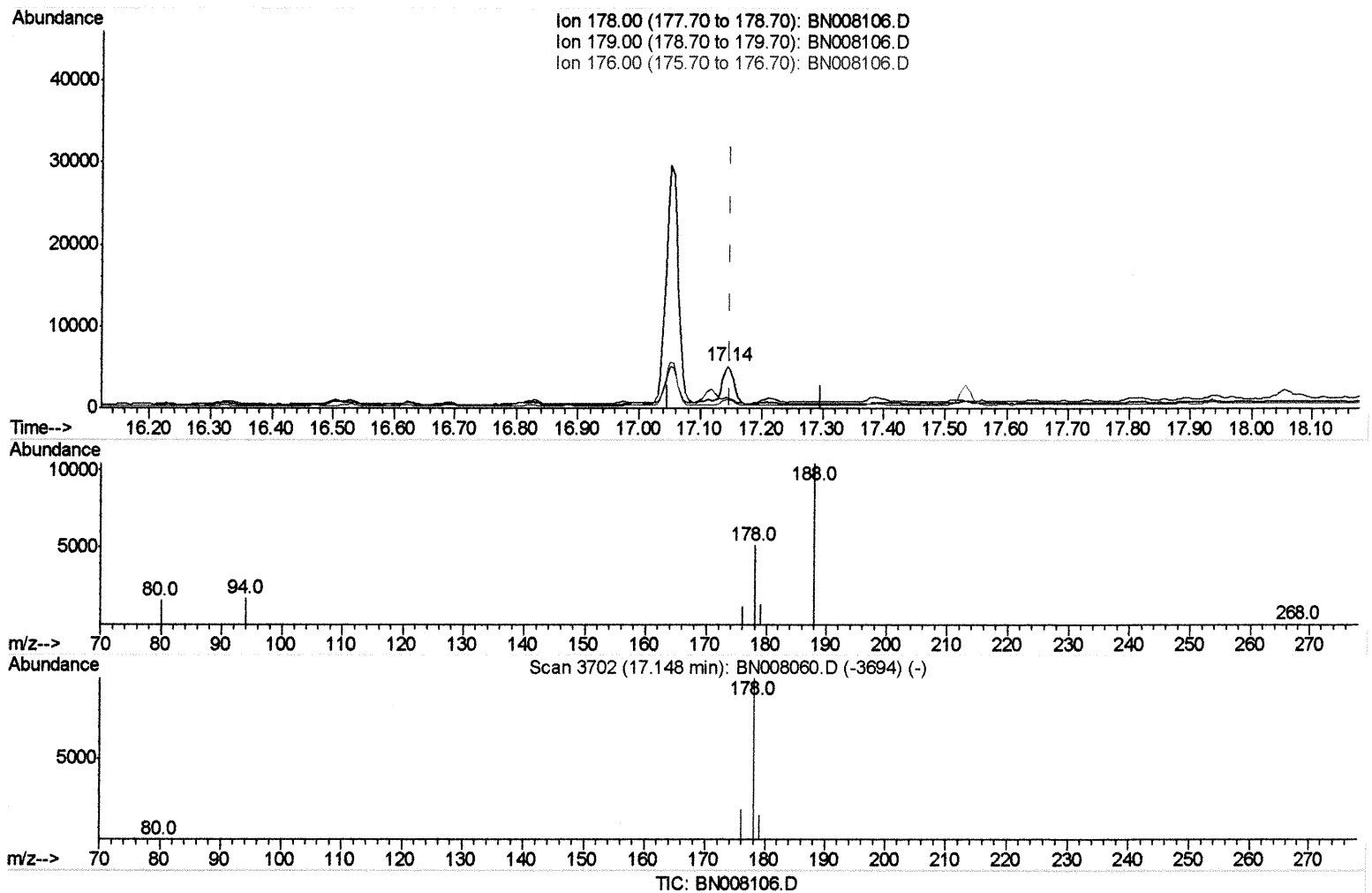
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(13) Anthracene

17.144min (-0.004) 0.09ng/ul m

210/16/19

response 6066

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	25.78#
176.00	18.80	23.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

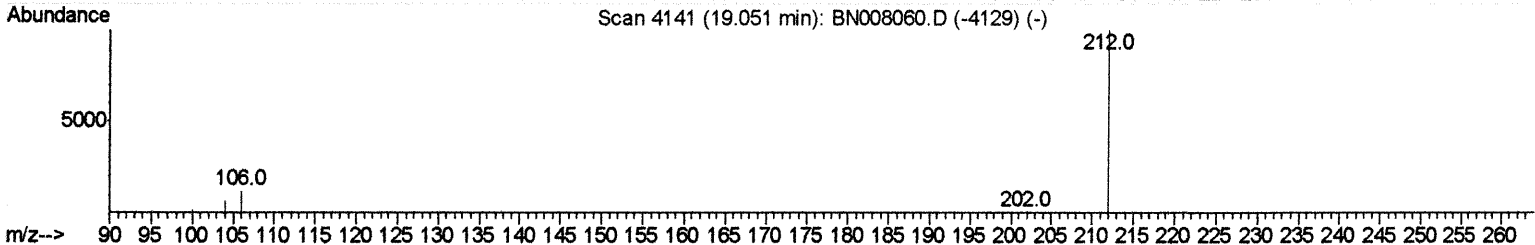
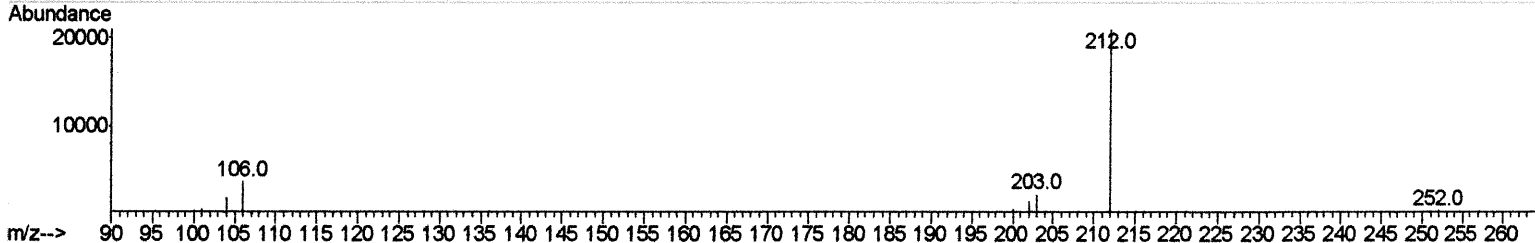
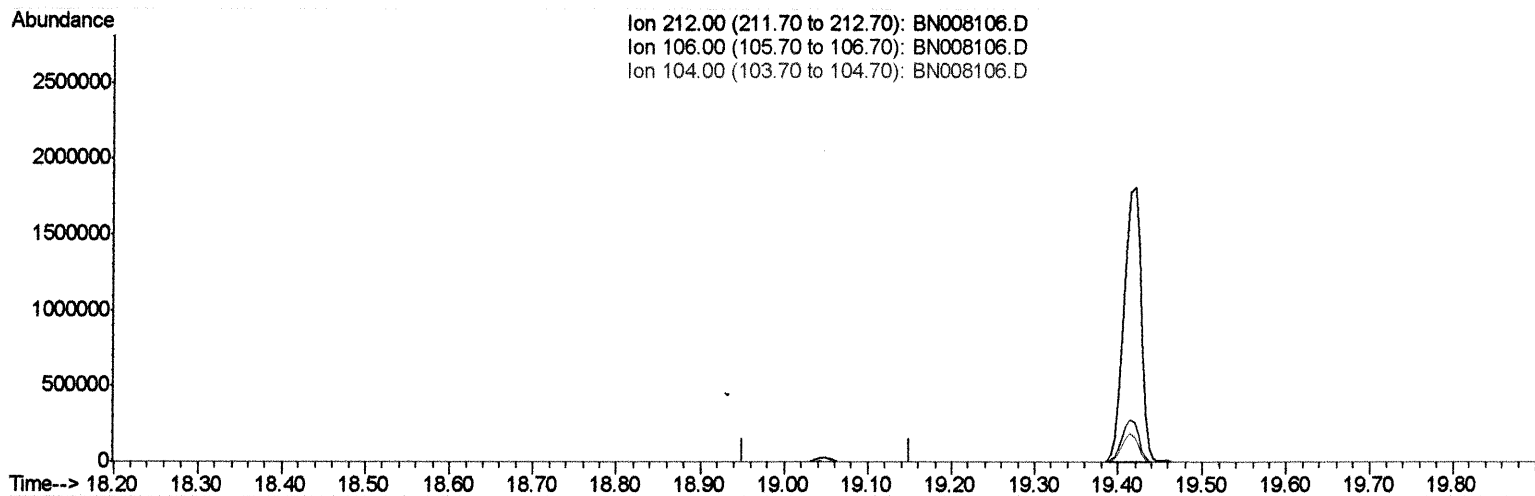
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008106.D

(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

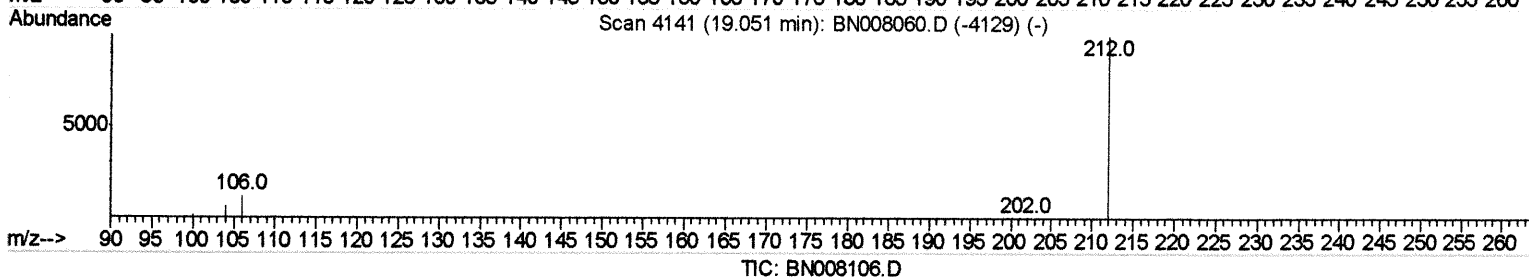
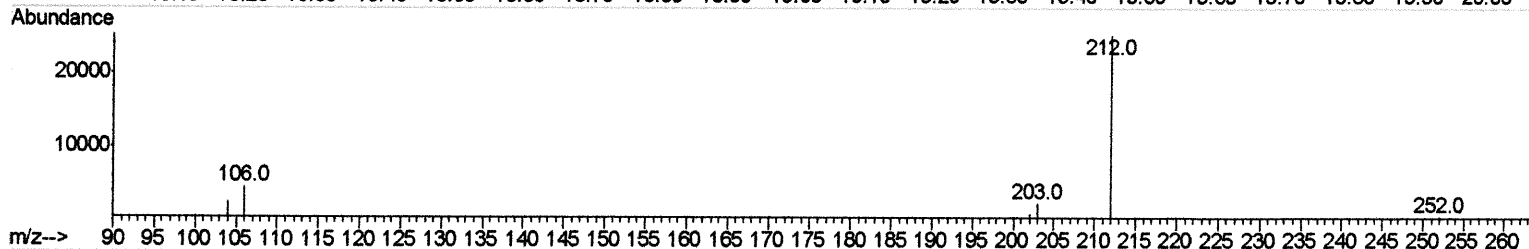
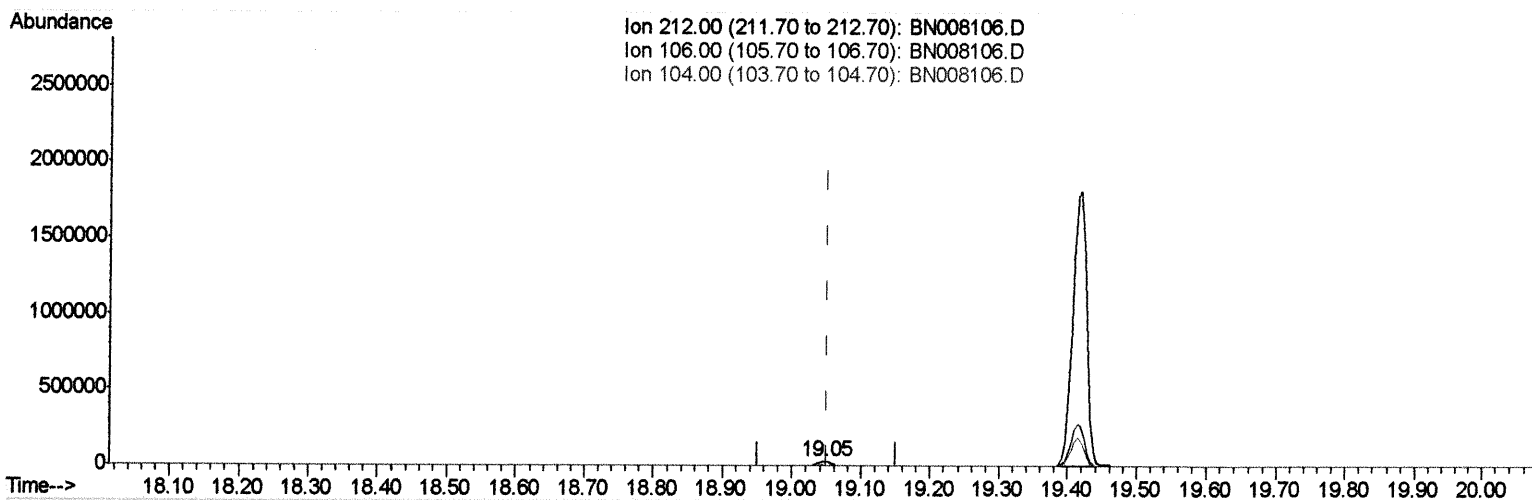
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.047min (-0.004) 0.37ng/ul m

22/10/16/19

response 31985

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

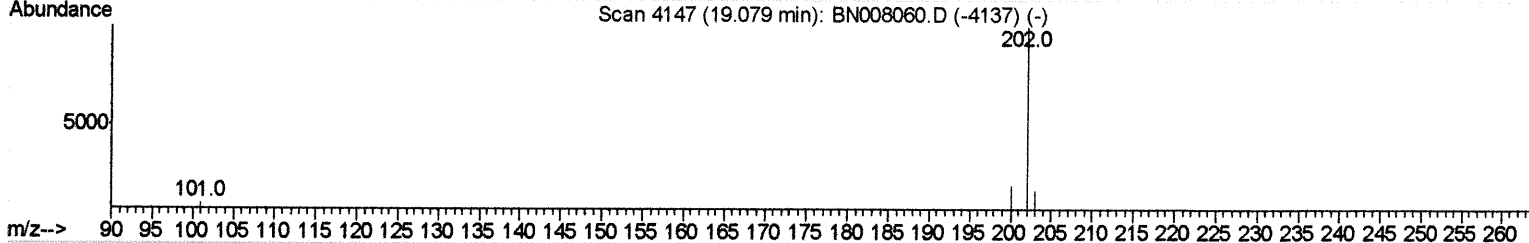
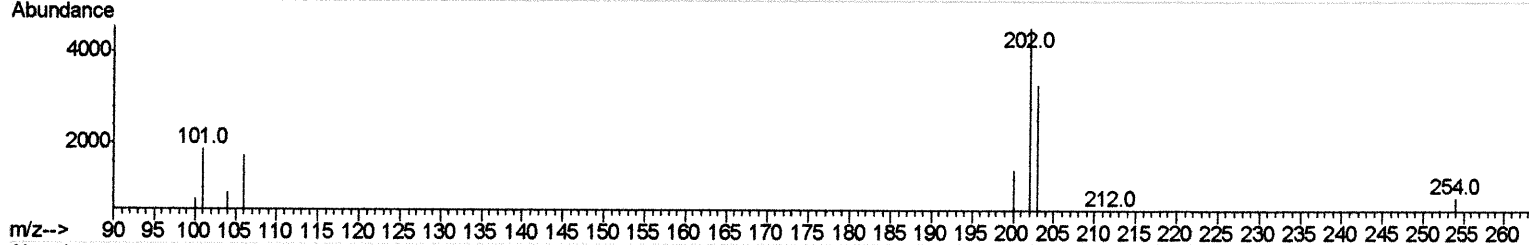
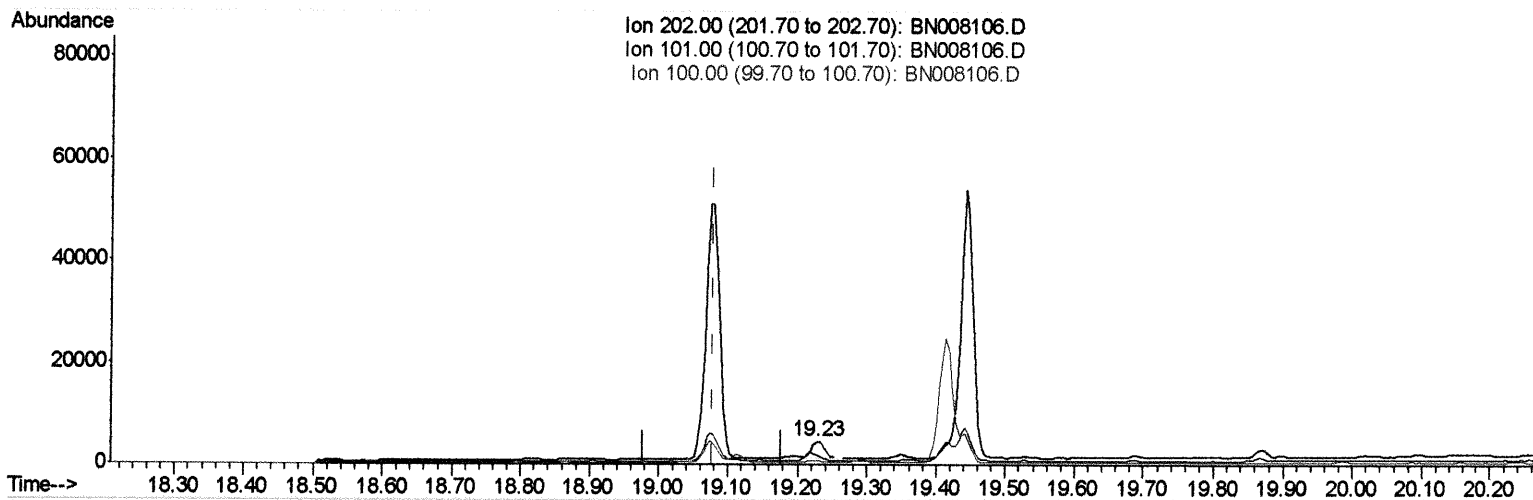
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.228min (+0.149) 0.04ng/ul

response 4221

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	41.11#
100.00	8.50	17.13
0.00	0.00	0.00

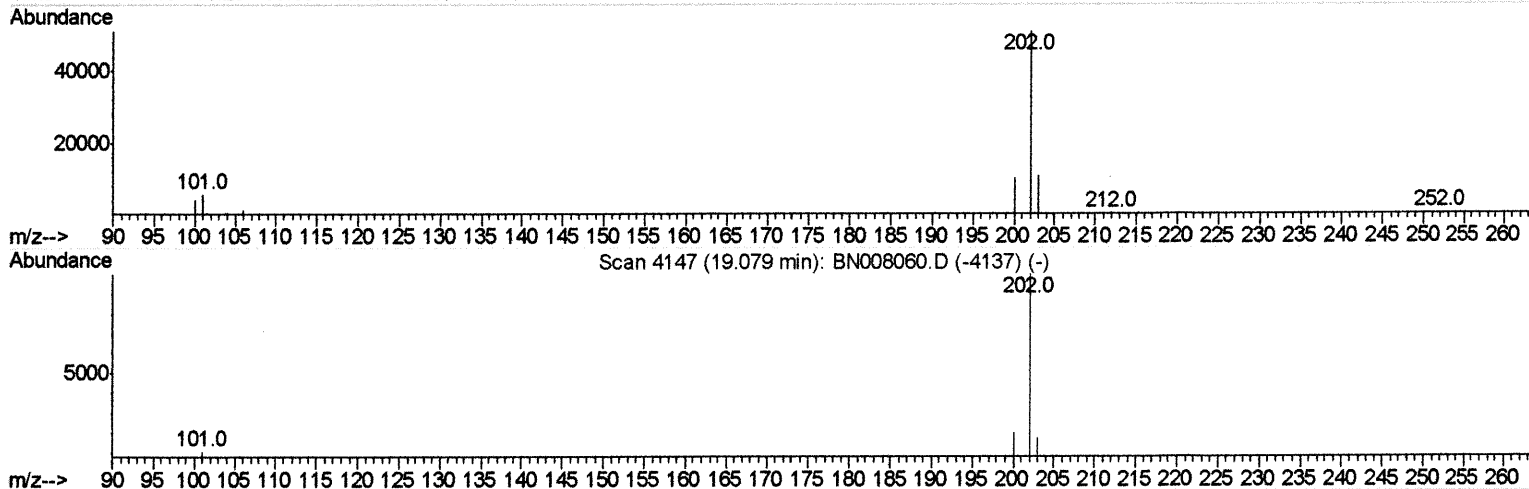
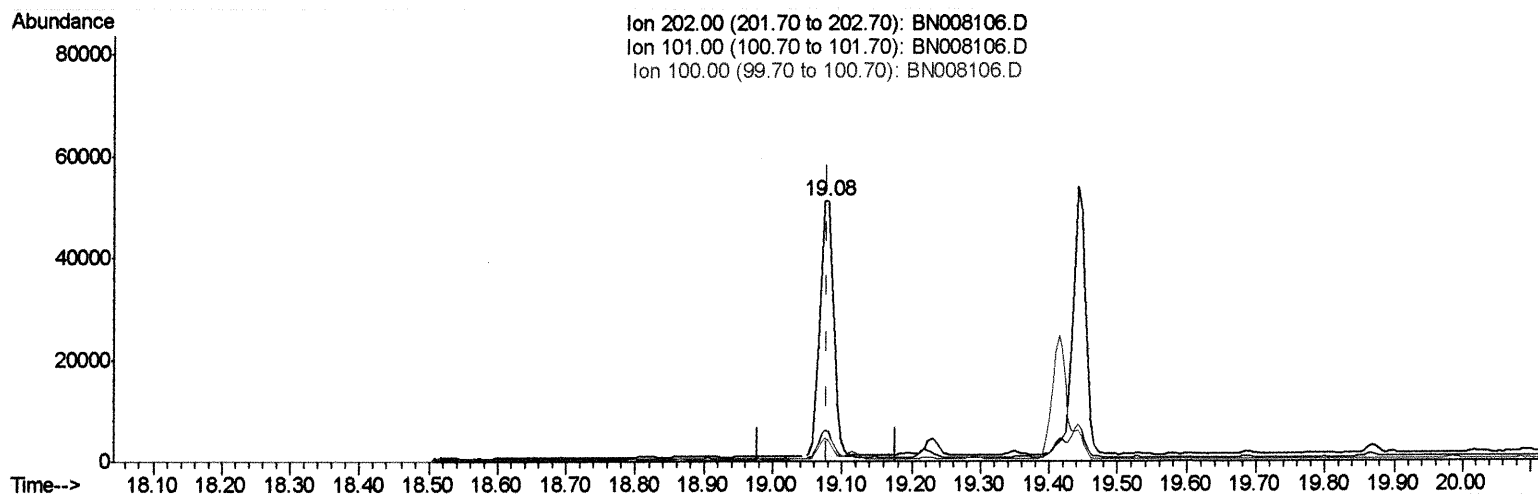
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008106.D

(15) Fluoranthene (C)

19.079min (+0.000) 0.72ng/ul m

JU 10/16/19

response 69241

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	11.44
100.00	8.50	8.20
0.00	0.00	0.00

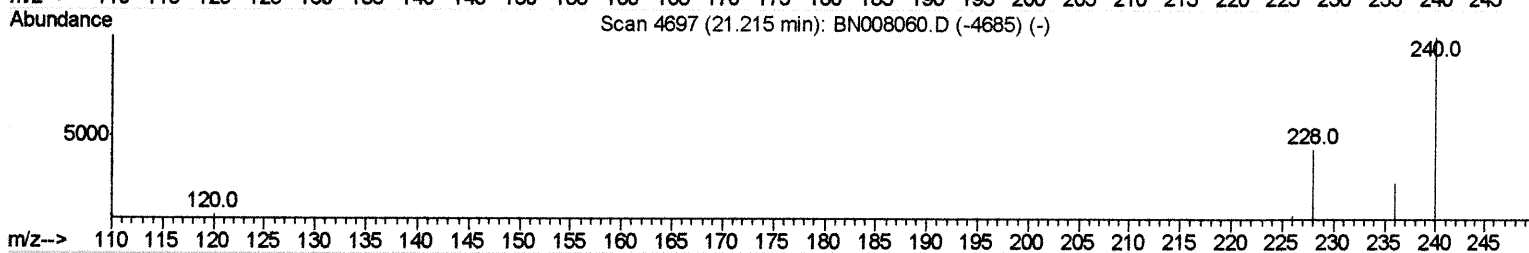
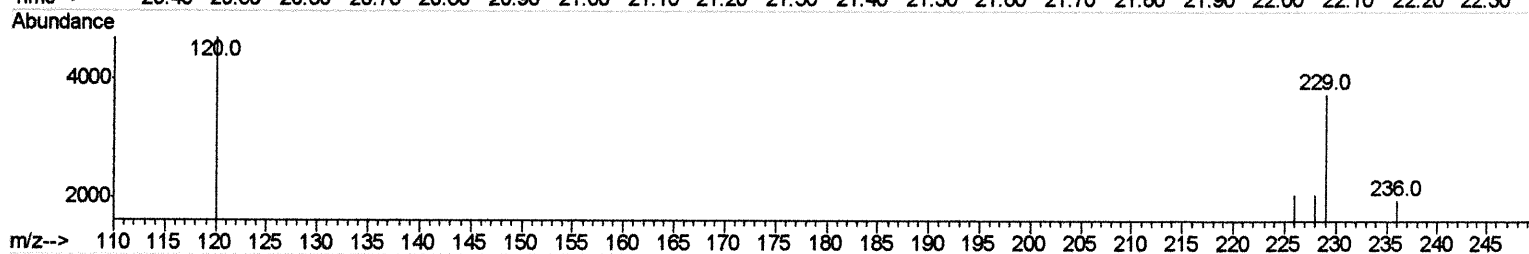
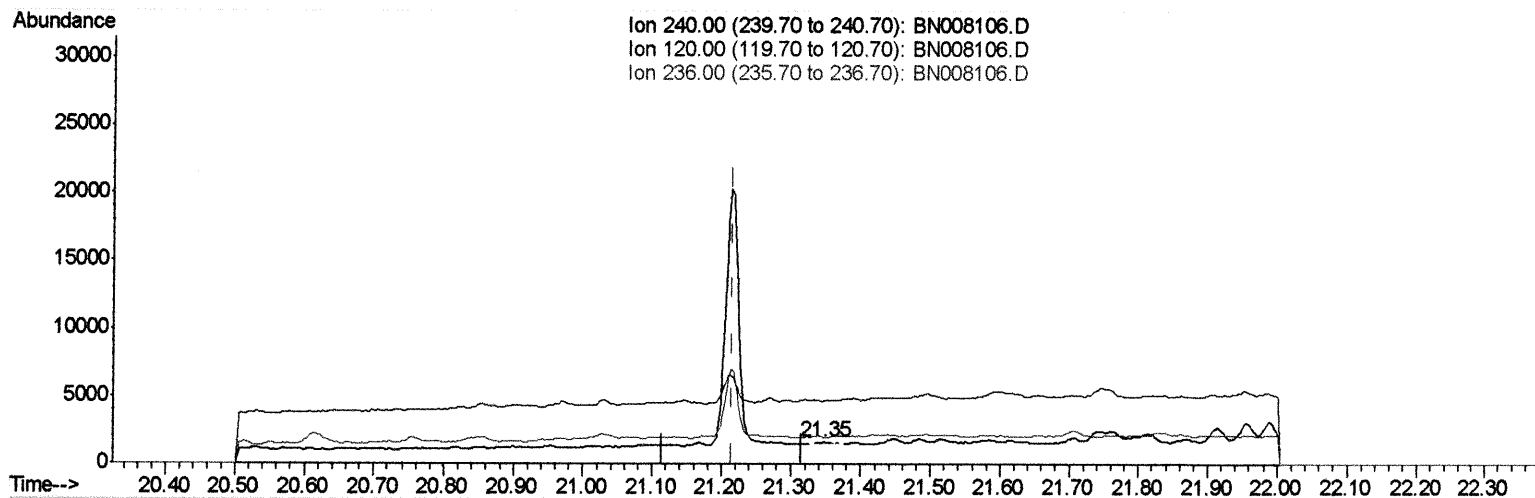
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.347min (+0.132) 0.40ng/ul

response 257

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	288.64#
236.00	28.40	121.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

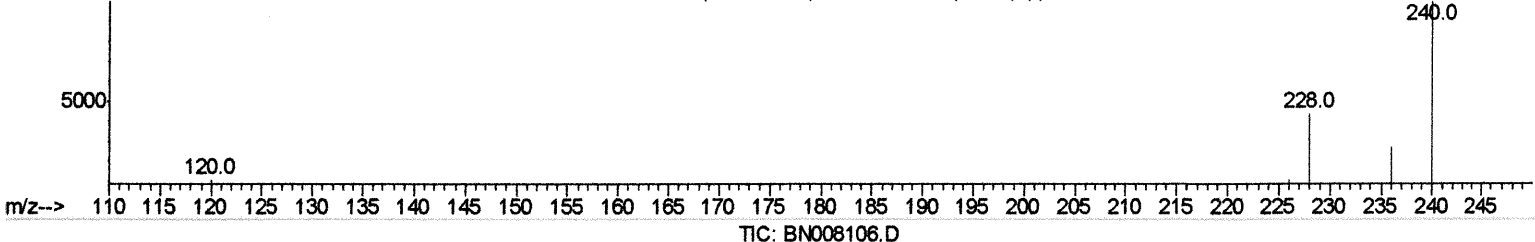
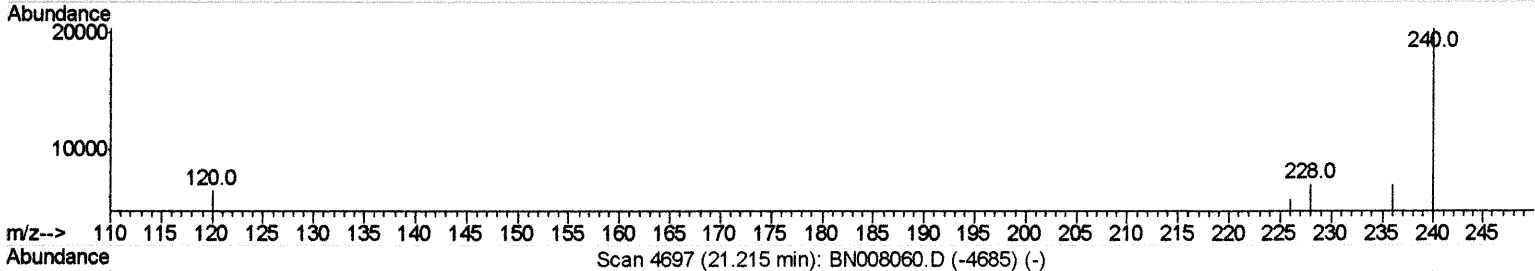
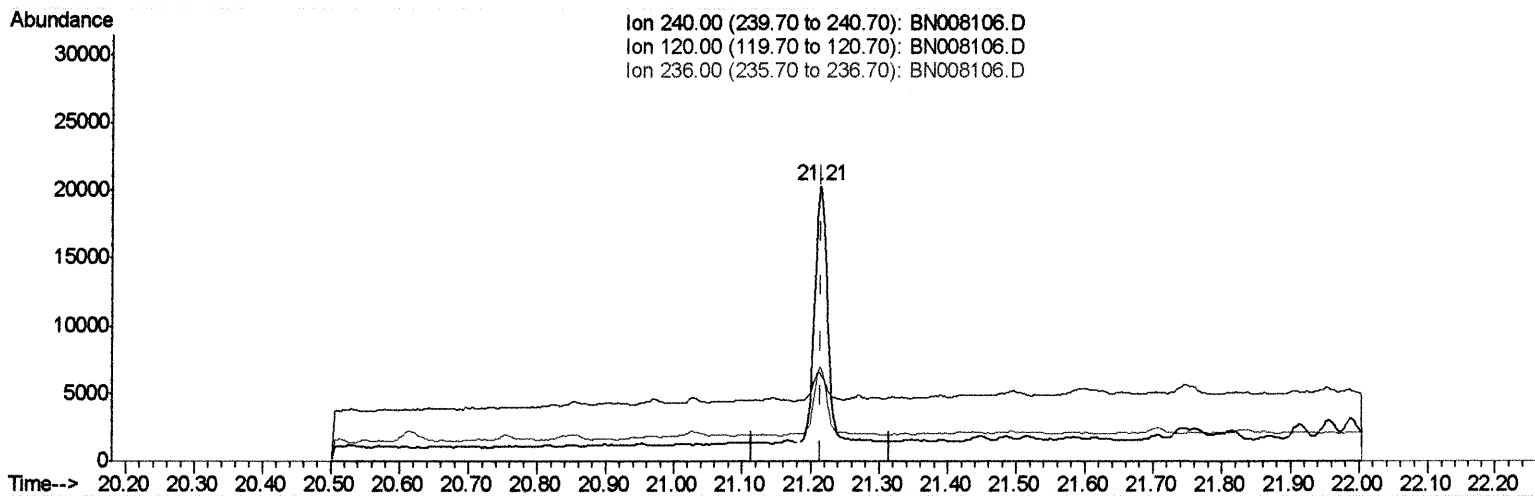
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.213min (-0.003) 0.40ng/ul m *JU 10/16/19*

response 24566

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	32.40#
236.00	28.40	34.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

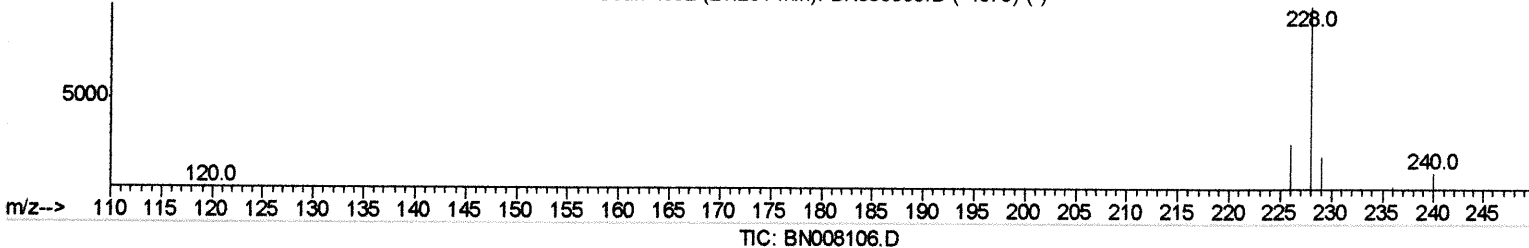
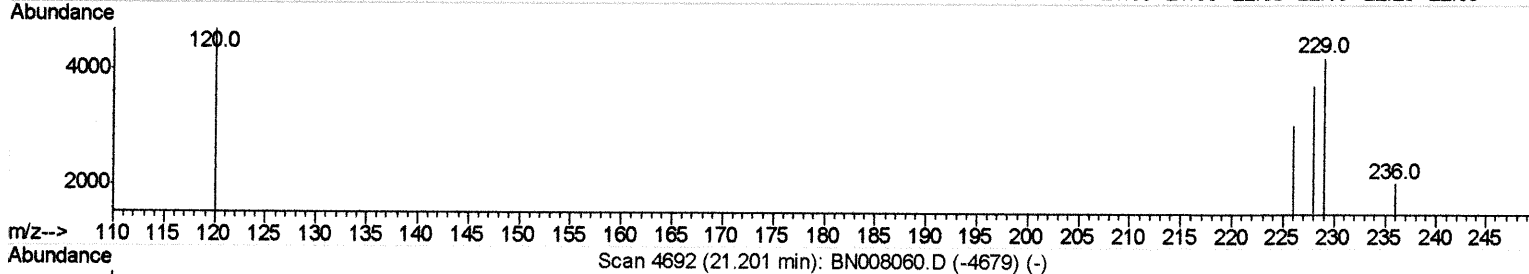
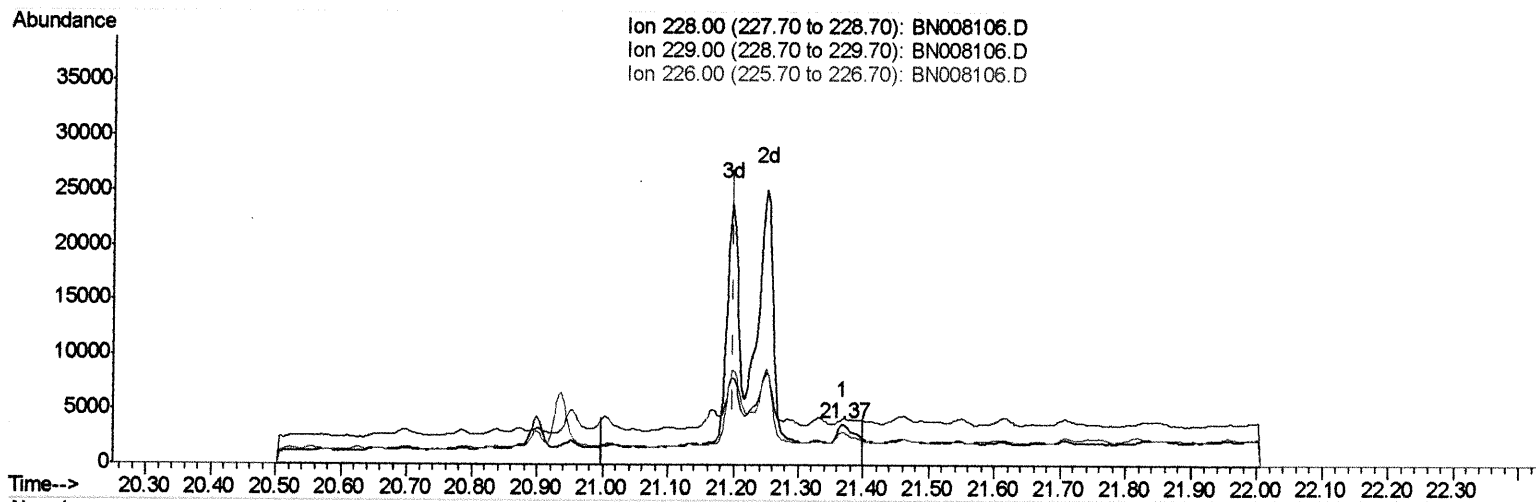
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.367min (+0.167) 0.03ng/ul

response 2963

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	112.75#
226.00	26.70	81.56#
0.00	0.00	0.00

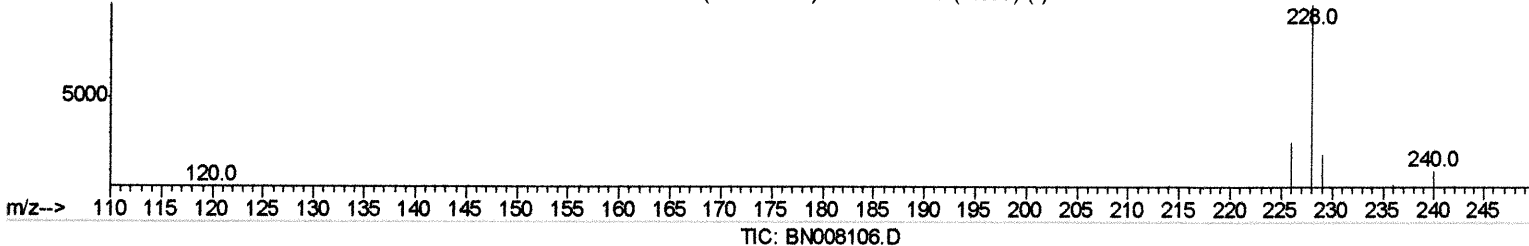
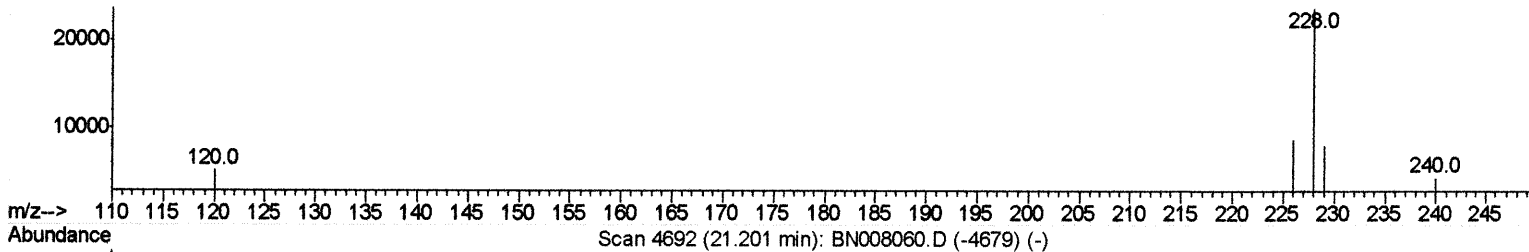
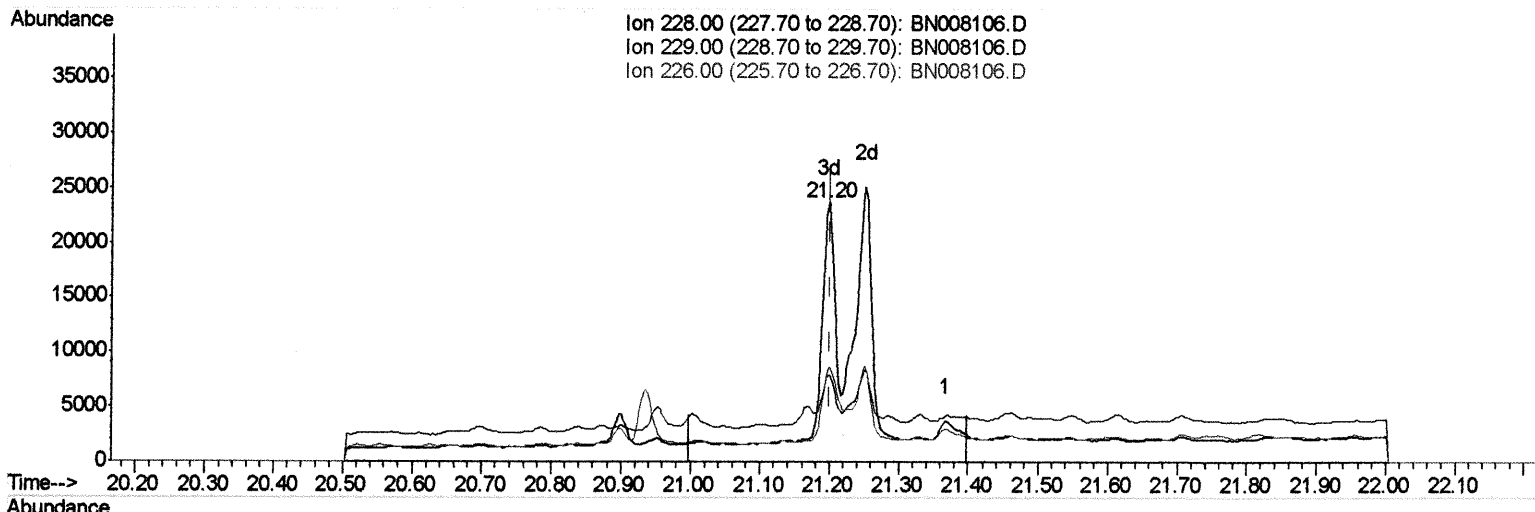
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.198min (-0.003) 0.31ng/ul m *PL 10/16/19*

response 27586

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	33.90#
226.00	26.70	36.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

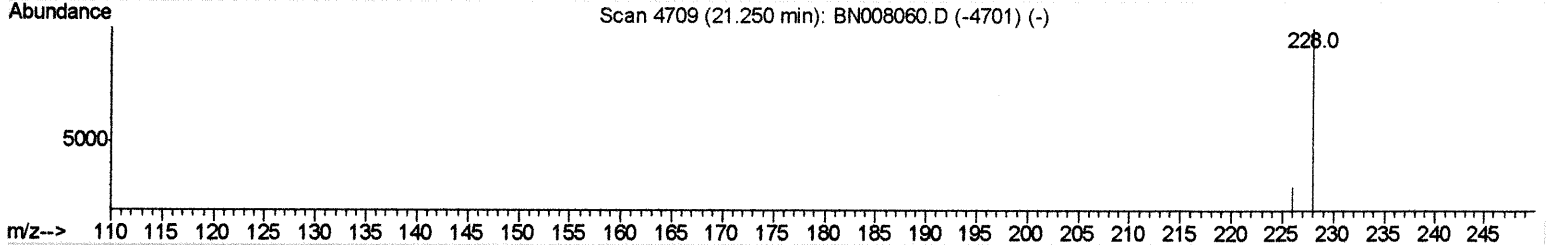
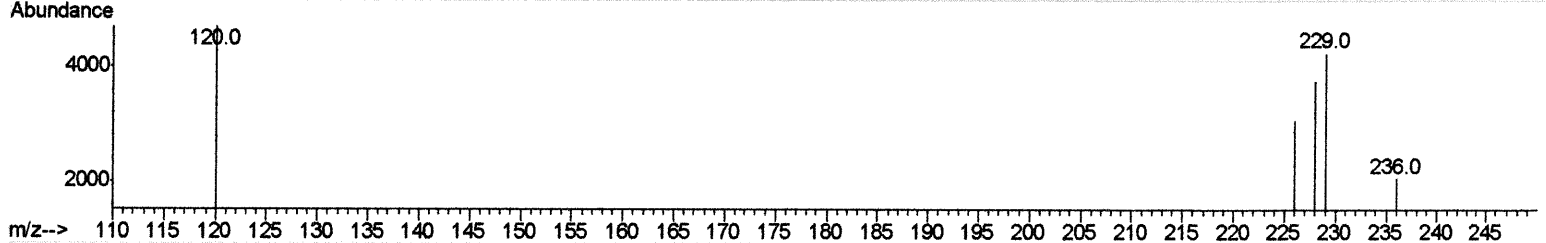
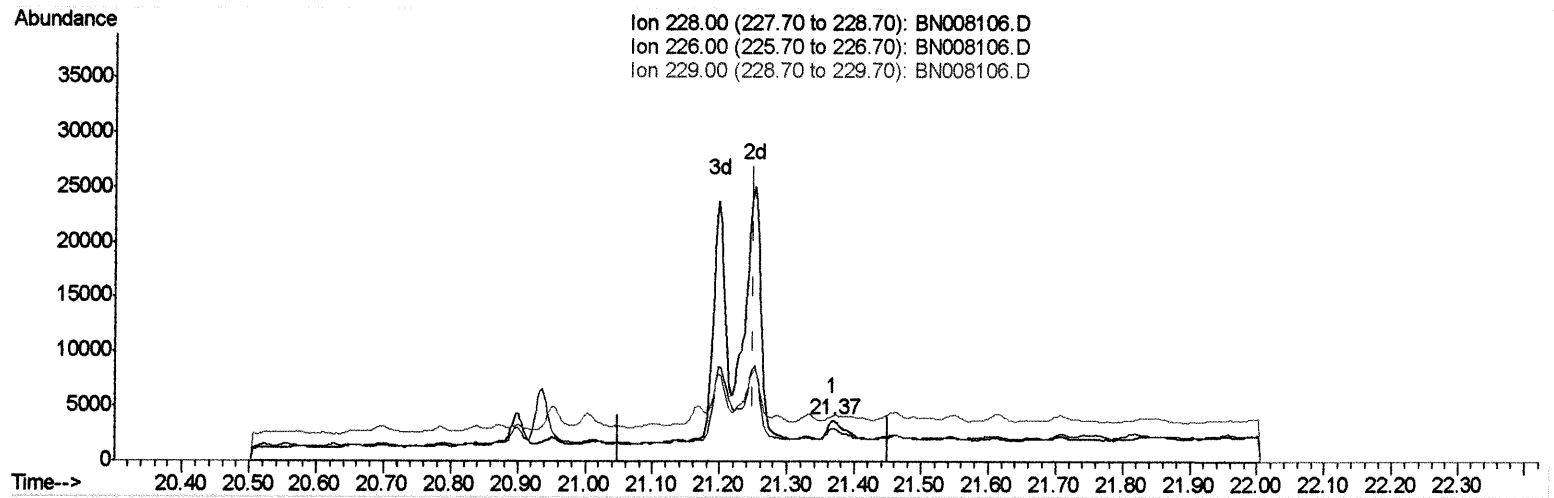
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



TIC: BN008106.D

(19) Chrysene

21.367min (+0.117) 0.03ng/ul

response 3030

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	81.56#
229.00	20.20	112.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

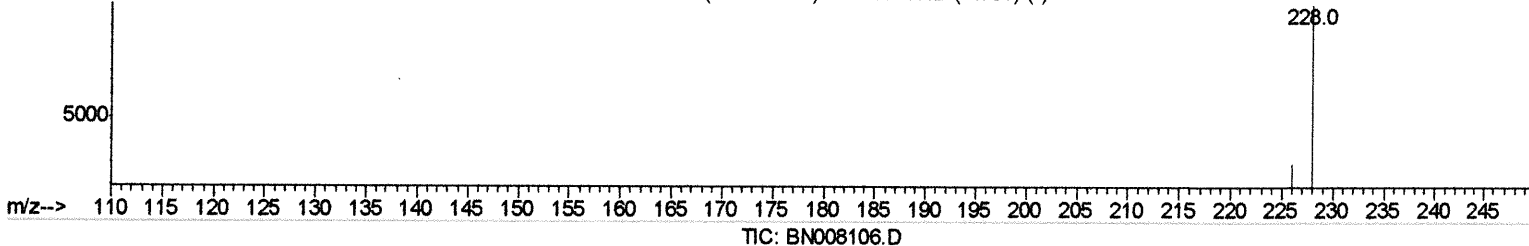
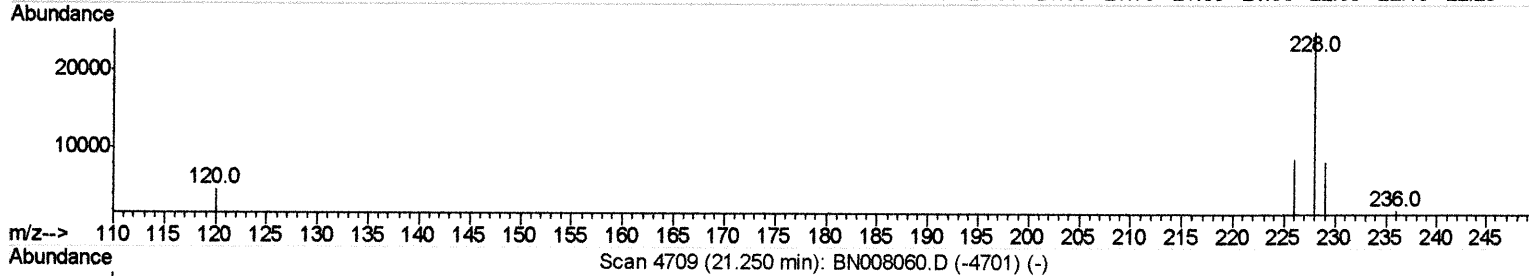
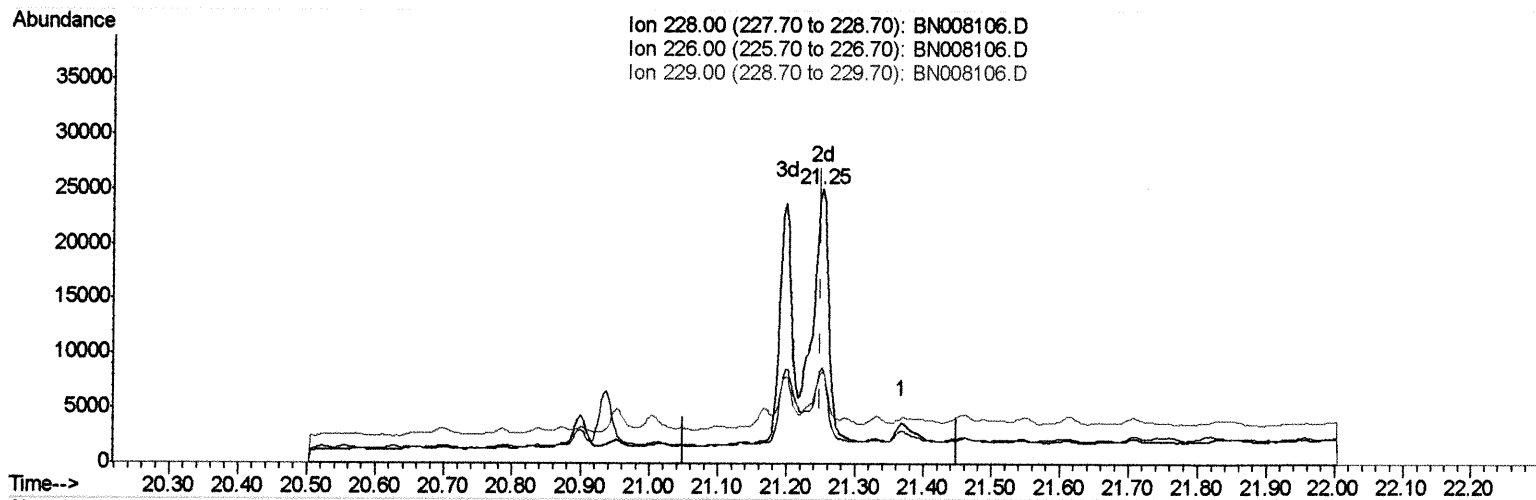
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(19) Chrysene

21.251min (+0.000) 0.33ng/ul m

ju 10/16/19

response 36563

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	35.12
229.00	20.20	33.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

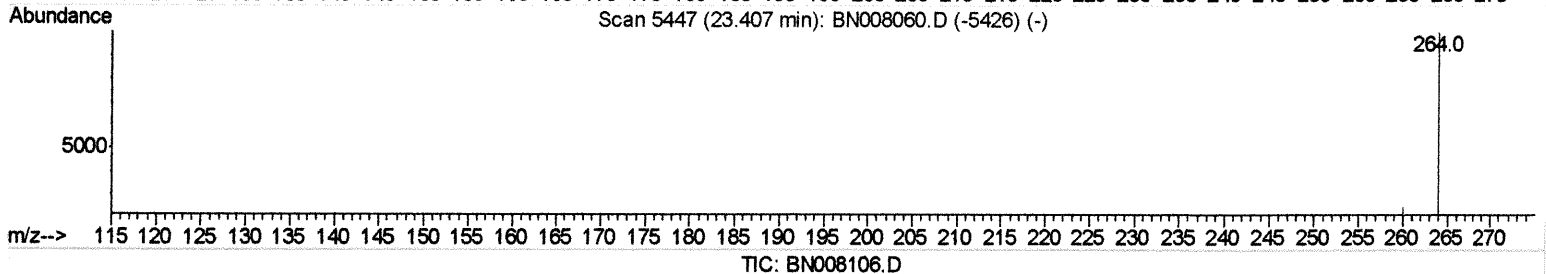
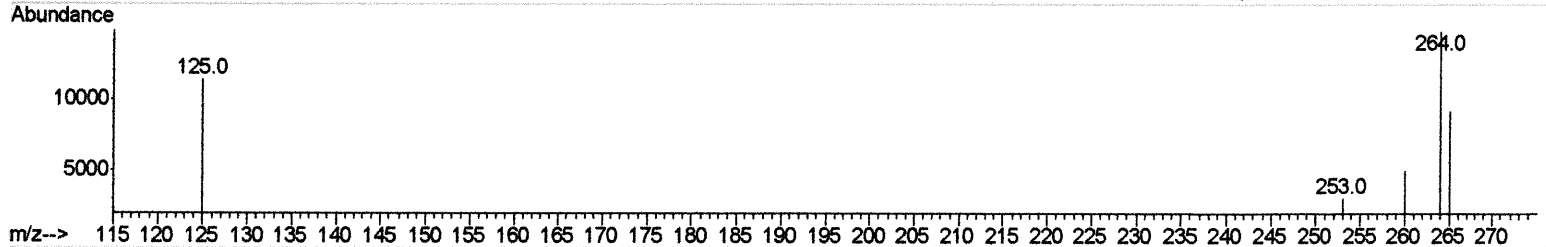
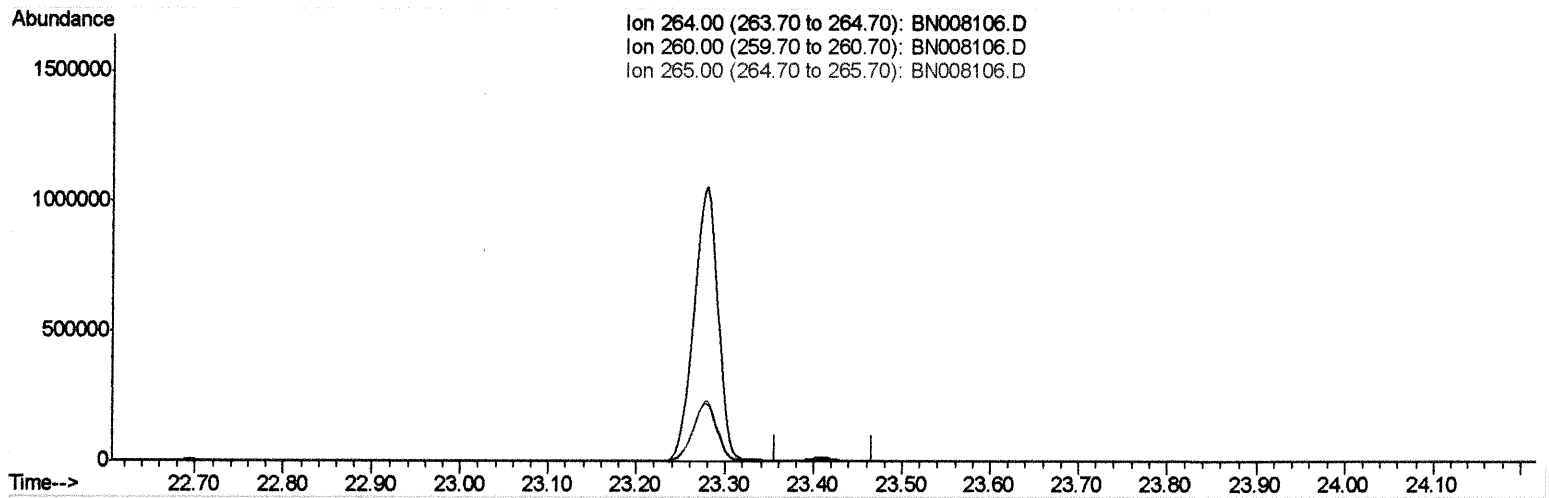
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
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Quant Time: Oct 13 02:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.407min (-23.407) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	74.00	0.00#
0.00	0.00	0.00

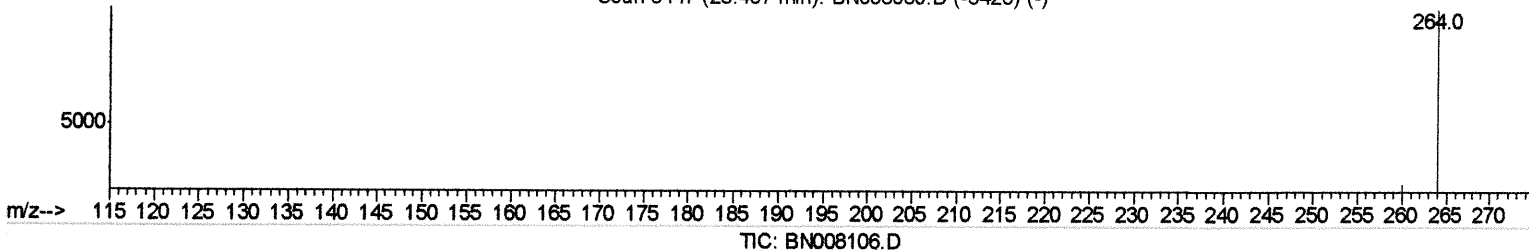
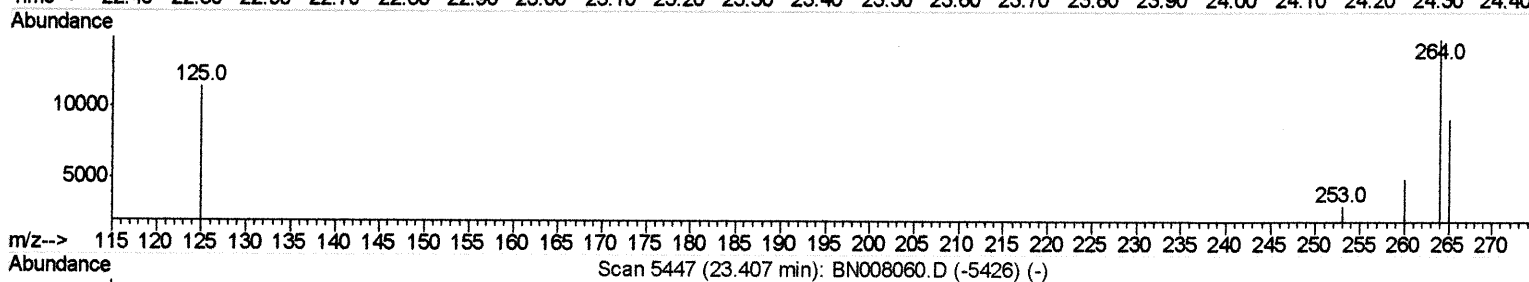
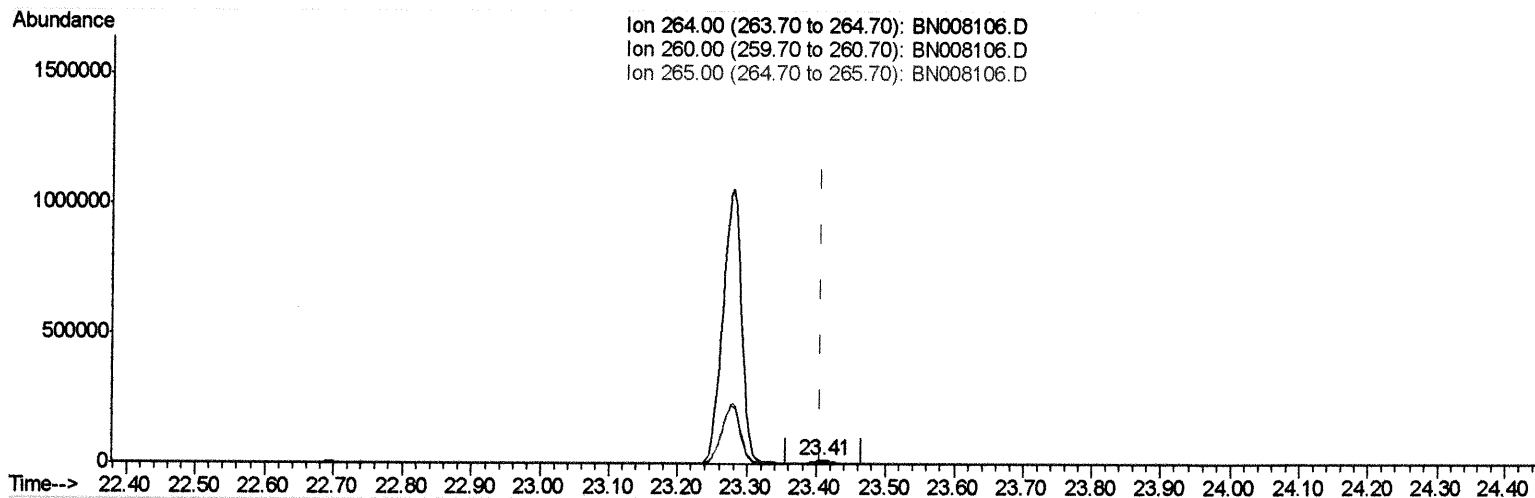
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.407min (+0.000) 0.40ng/ul m *Pu 10/16/19*

response 18634

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	34.15#
265.00	74.00	62.14
0.00	0.00	0.00

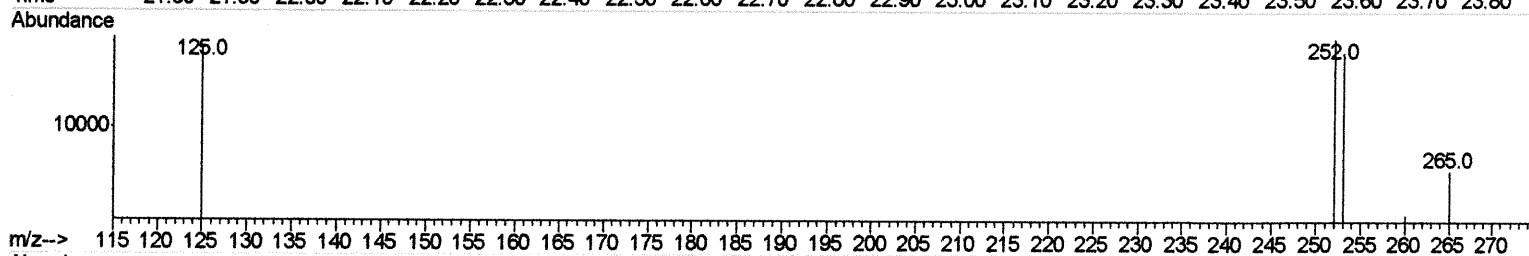
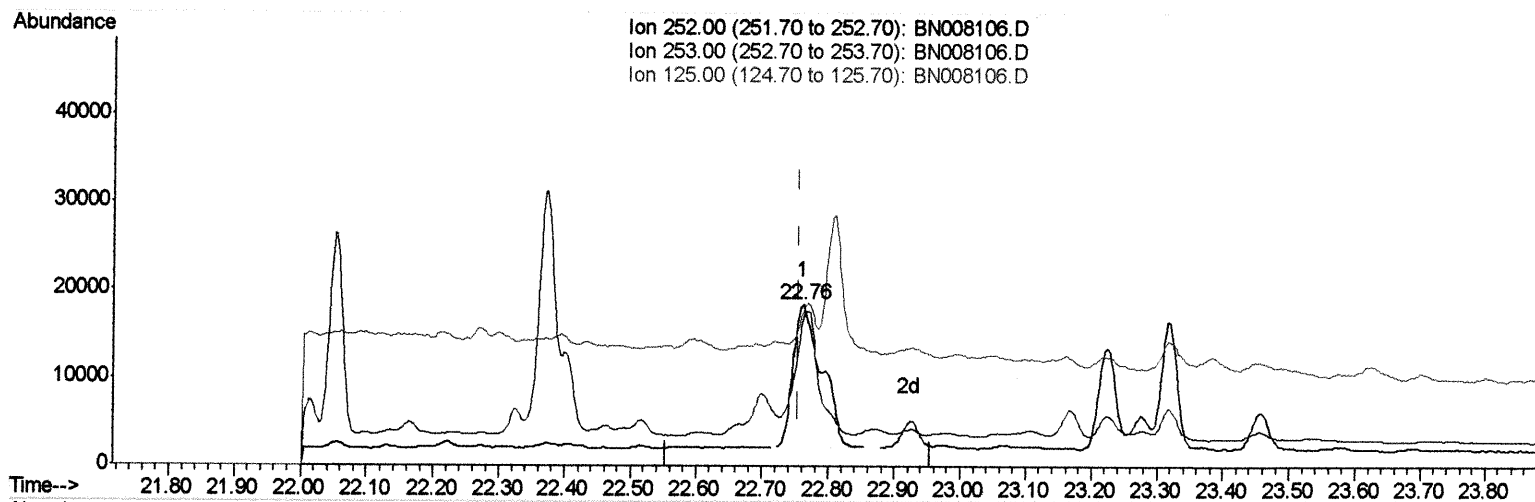
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

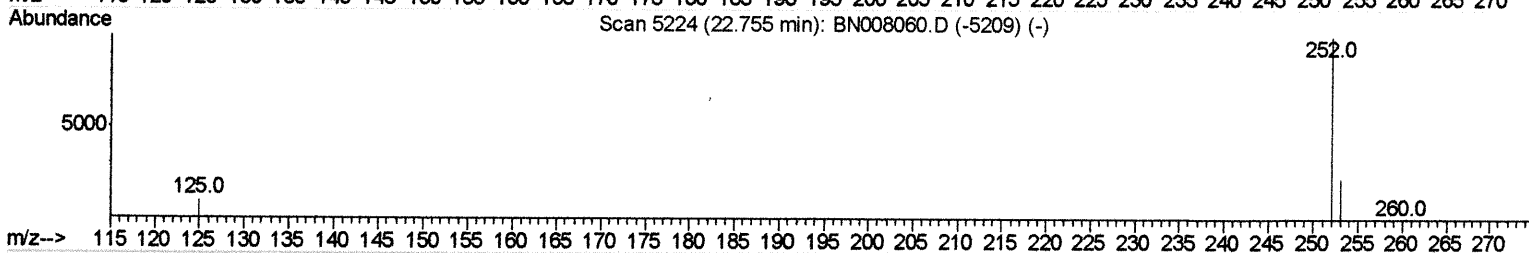
Manual Integrations
APPROVED

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10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:43:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Scan 5224 (22.755 min): BN008060.D (-5209) (-)



TIC: BN008106.D

(21) Benzo(b)fluoranthene

22.761min (+0.006) 0.80ng/ul

response 48287

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	92.97#
125.00	16.20	95.62#
0.00	0.00	0.00

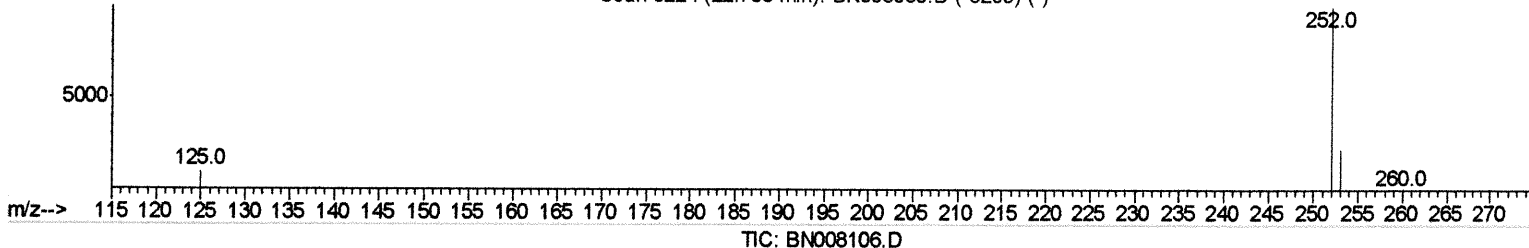
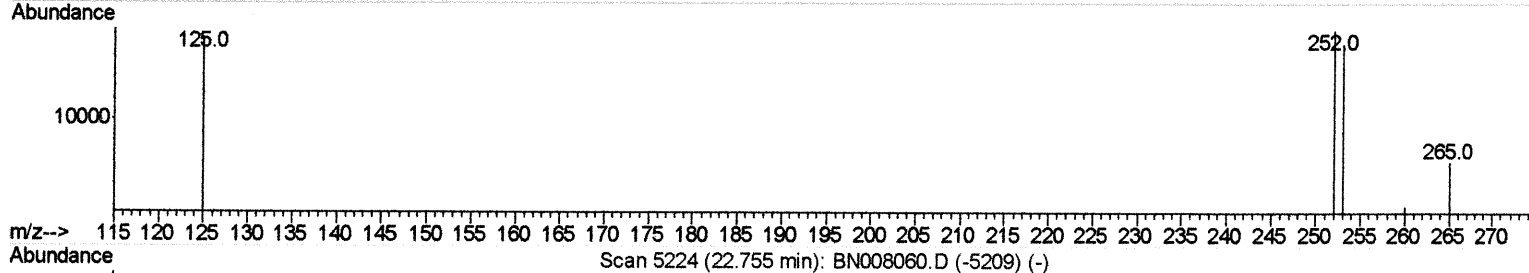
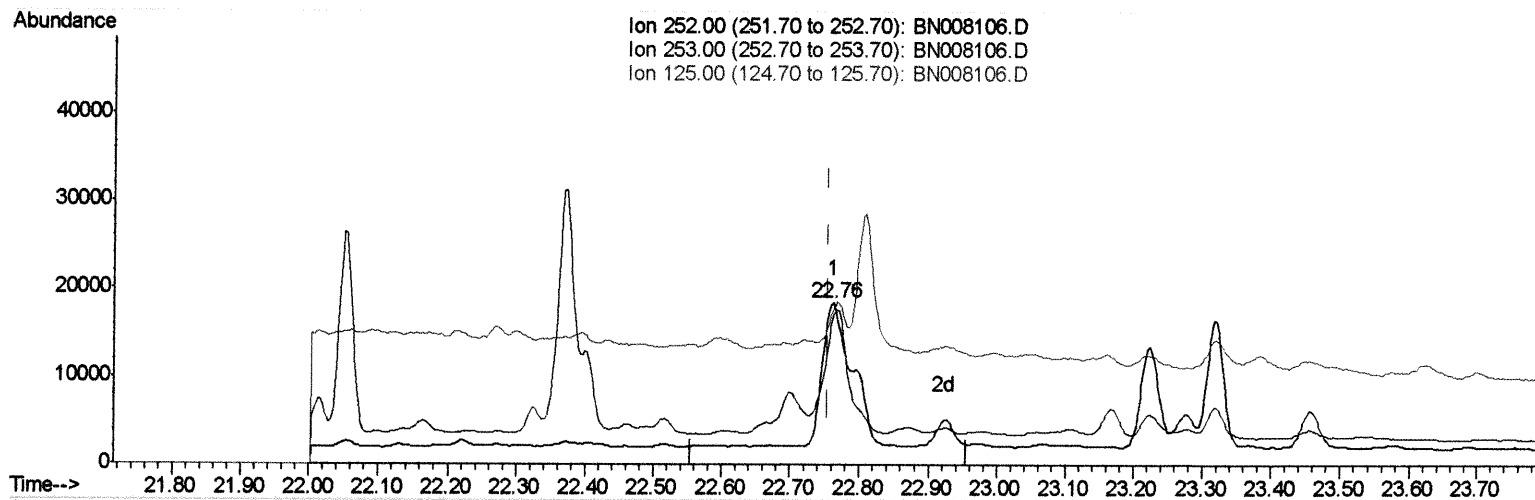
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:43:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.761min (+0.006) 0.62ng/ul m *JU 10/16/19*

response 37362

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	92.97#
125.00	16.20	95.62#
0.00	0.00	0.00

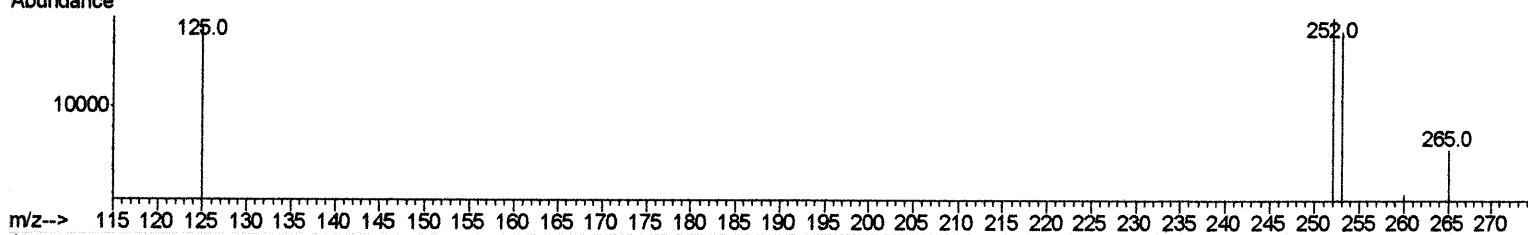
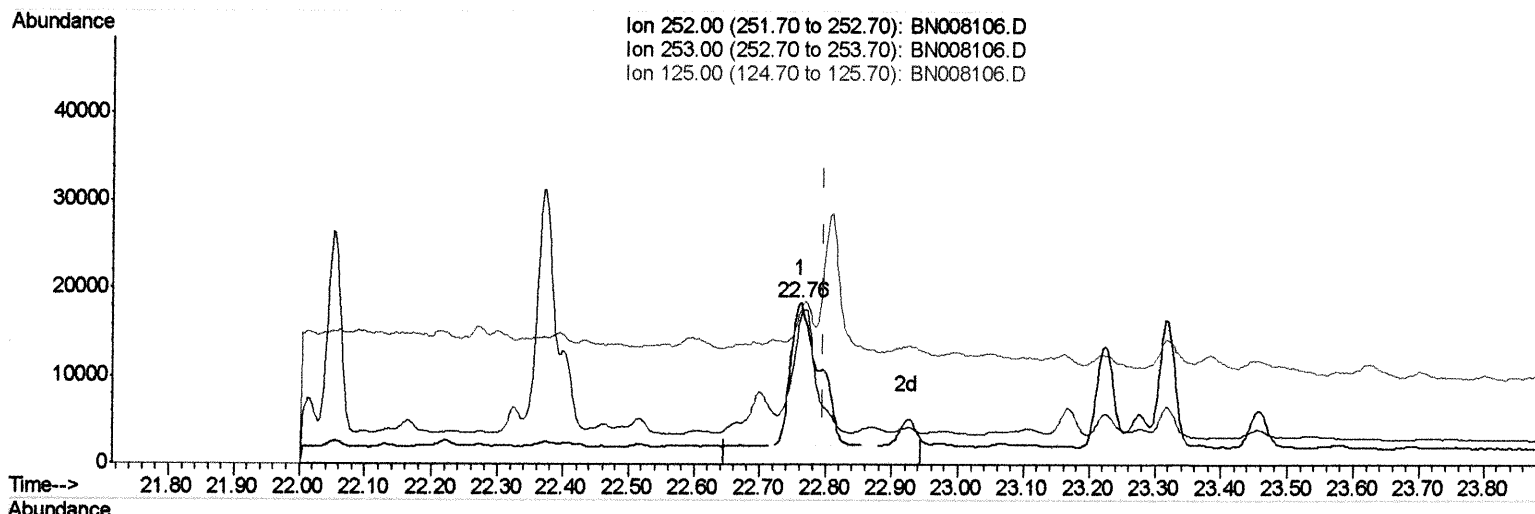
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

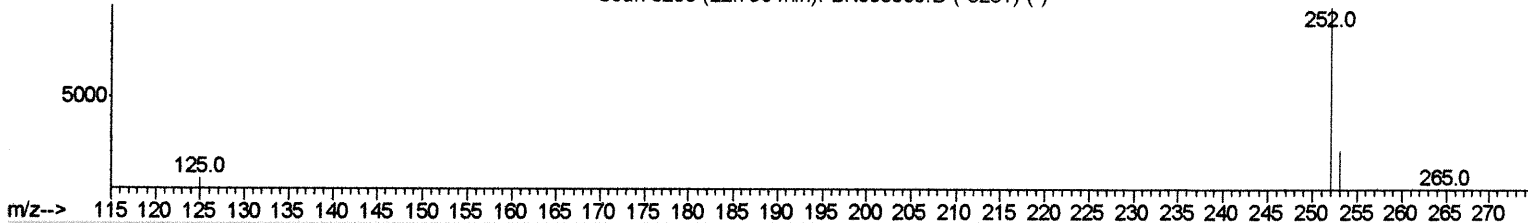
Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:43:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



Scan 5238 (22.796 min): BN008060.D (-5231) (-)



TIC: BN008106.D

(22) Benzo(k)fluoranthene

22.761min (-0.035) 0.70ng/ul

response 48287

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	92.97#
125.00	15.40	95.62#
0.00	0.00	0.00

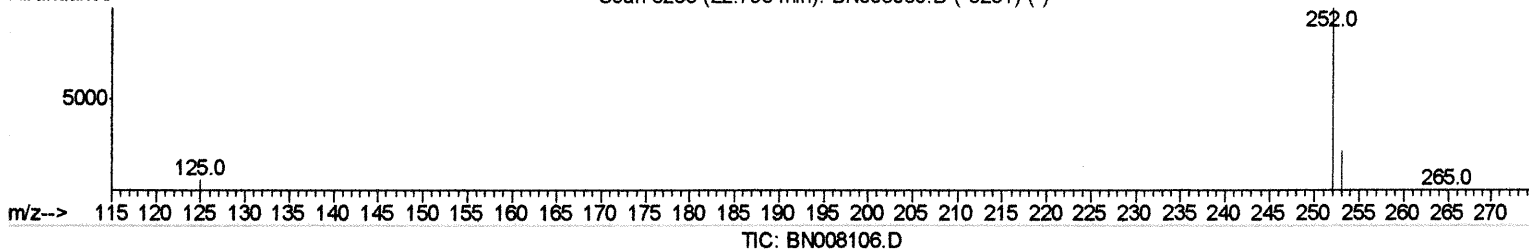
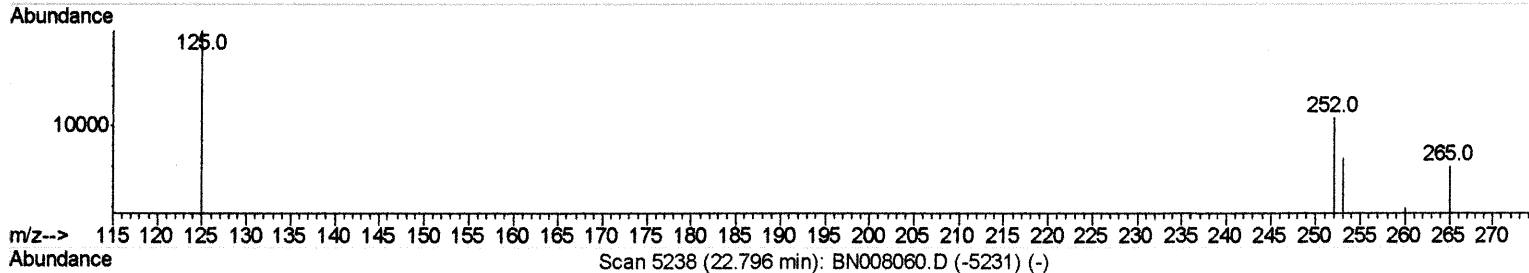
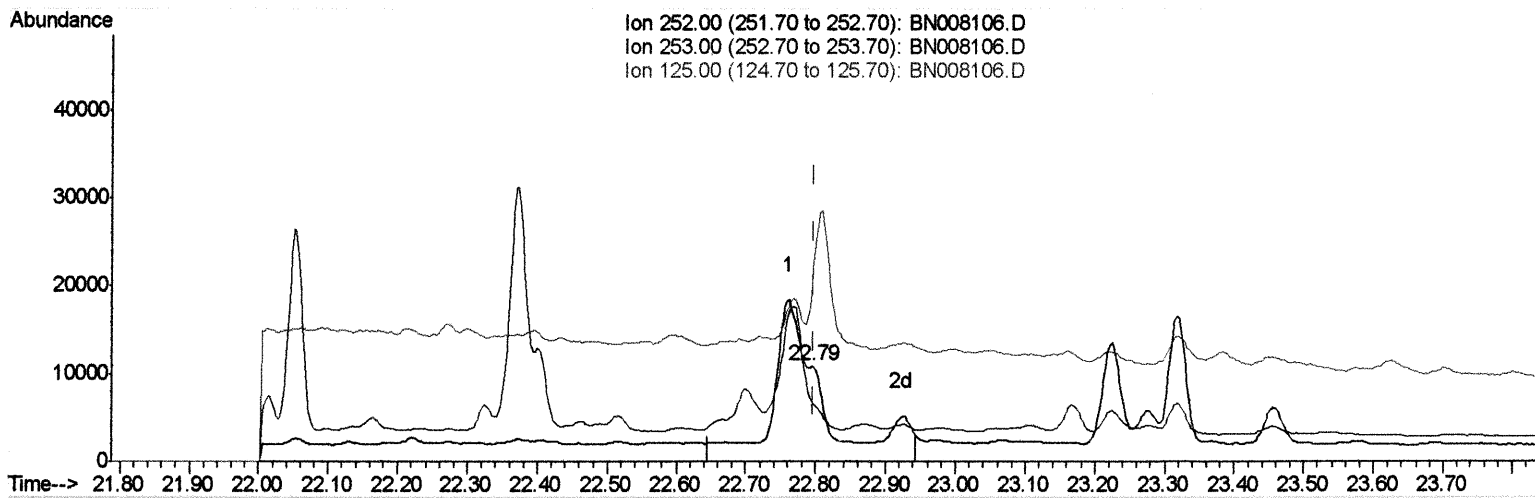
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008106.D
Acq On : 12 Oct 2019 10:34
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM91

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:43:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.794min (-0.003) 0.16ng/ul m

22 10/16/19

response 10866

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	62.61#
125.00	15.40	179.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM91

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:24 AM

Quant Time: Oct 13 02:44:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 11 19:05:54 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) 1,4-Dichlorobenzene-d4	7.63	152	3531	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	16477	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11069	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	24899m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	24566m	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	18634m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	10314	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	31985m	0.37	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.44	128	6218	0.133	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	3066	0.095	ng/ul	100
7) Acenaphthylene	13.98	152	8570	0.163	ng/ul#	94
8) Acenaphthene	14.32	153	1049	0.026	ng/ul#	91
9) Fluorene	15.32	166	2634	0.057	ng/ul#	80
11) Pentachlorophenol	16.68	266	688m	0.114	ng/ul	>
12) Phenanthrene	17.05	178	40517	0.556	ng/ul	99
13) Anthracene	17.14	178	6066m	0.095	ng/ul	}
15) Fluoranthene	19.08	202	69241m	0.719	ng/ul	}
17) Pyrene	19.44	202	69351	0.709	ng/ul	99
18) Benzo(a)anthracene	21.20	228	27586m	0.309	ng/ul	}
19) Chrysene	21.25	228	36563m	0.334	ng/ul	}
21) Benzo(b)fluoranthene	22.76	252	37362m	0.616	ng/ul	}
22) Benzo(k)fluoranthene	22.79	252	10866m	0.158	ng/ul	}
23) Benzo(a)pyrene	23.32	252	25062	0.393	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.59	276	14528	0.193	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.59	278	4137	0.070	ng/ul#	1
26) Benzo(a,h,i)perylene	26.26	276	18000	0.261	ng/ul#	68

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