

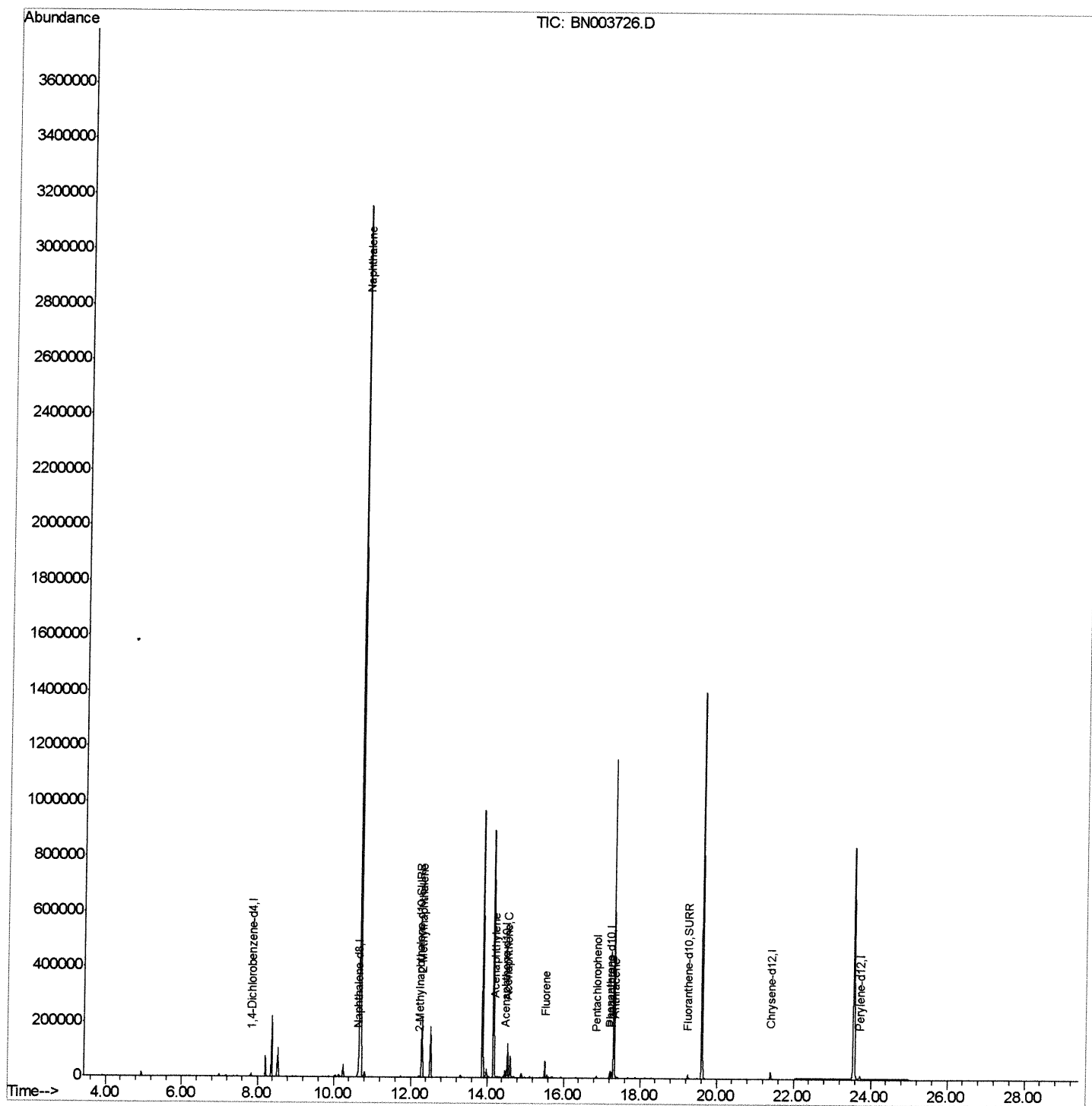
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:58:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

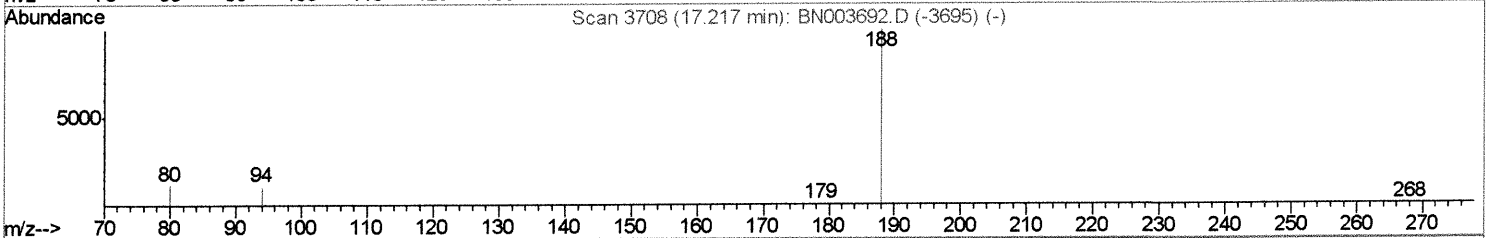
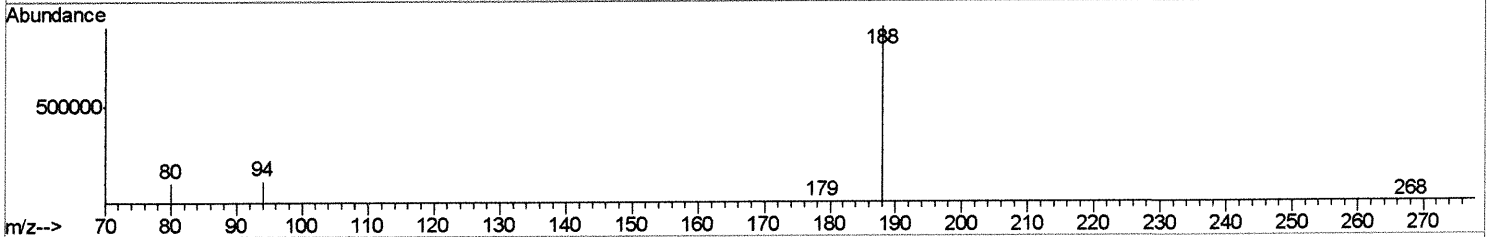
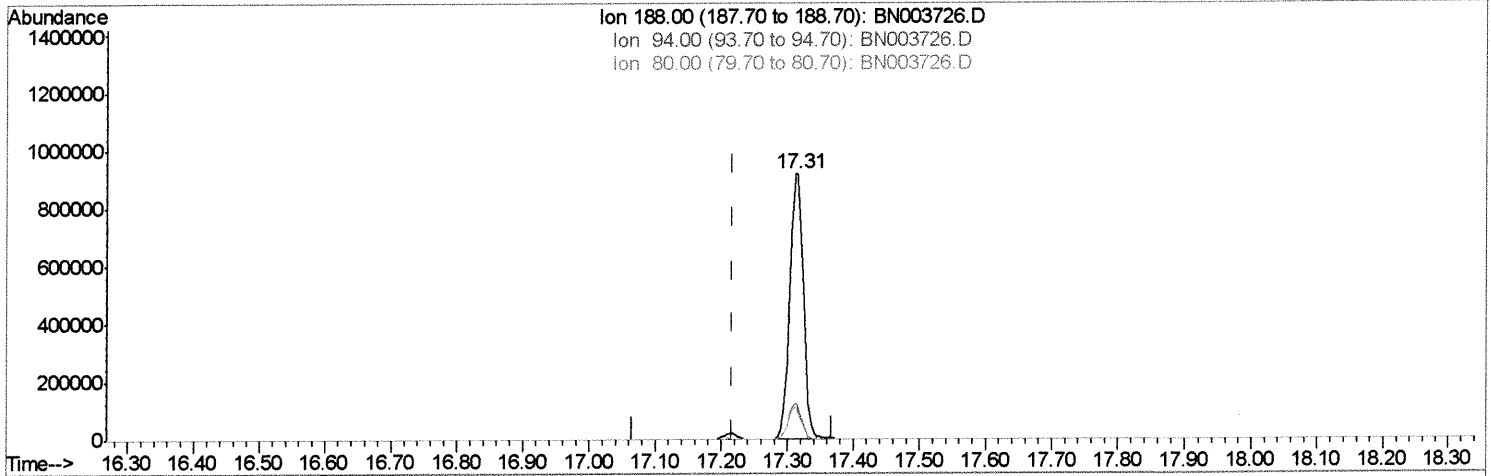
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:43:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 1307551

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.68#
80.00	11.60	11.25
0.00	0.00	0.00

Quantitation Report (Qedit)

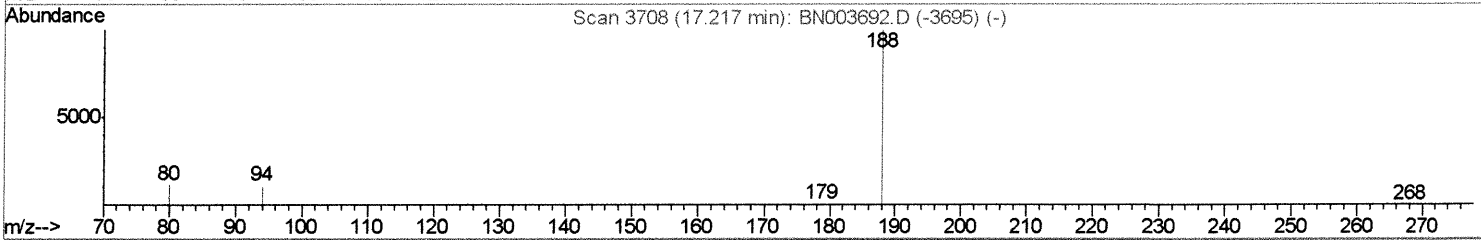
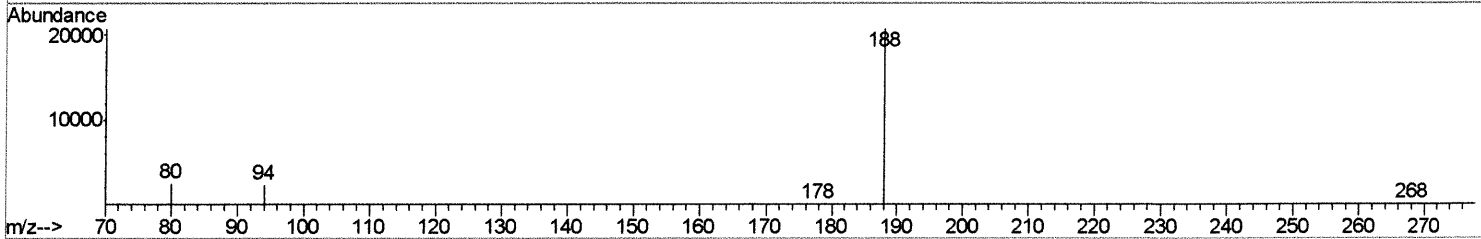
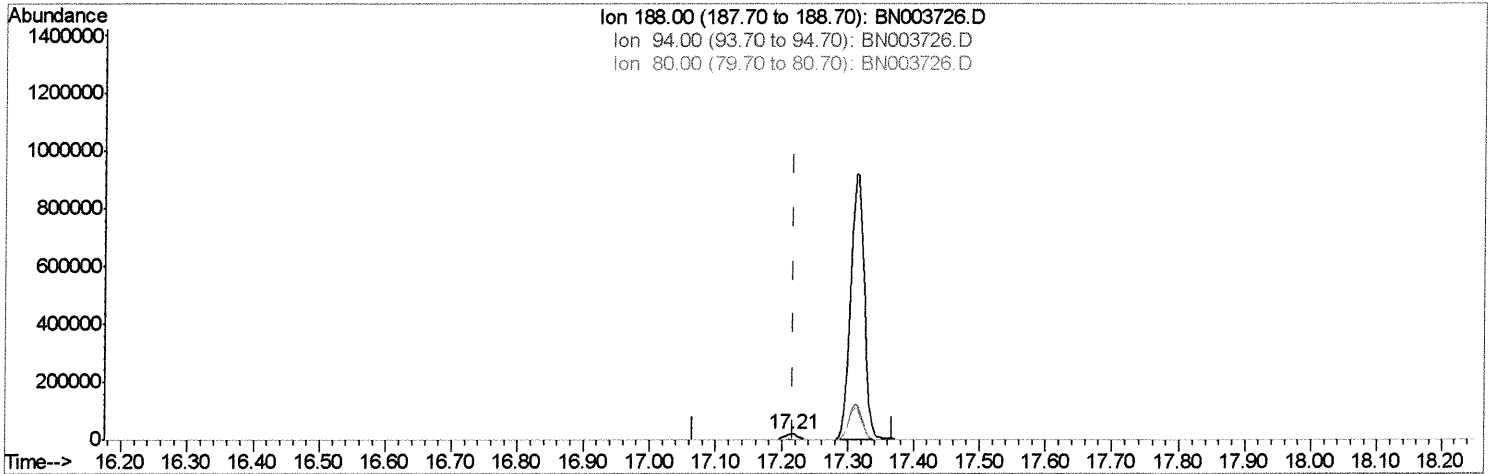
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:43:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 29195

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.24
80.00	11.60	12.22
0.00	0.00	0.00

SJ
 12/11/18

Quantitation Report (Qedit)

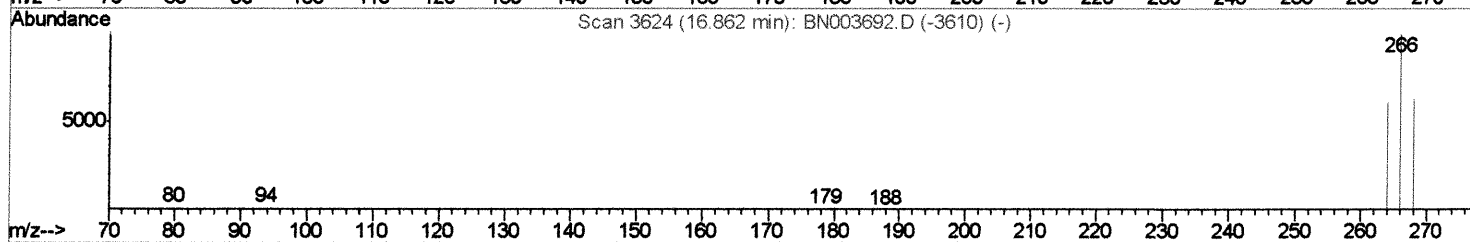
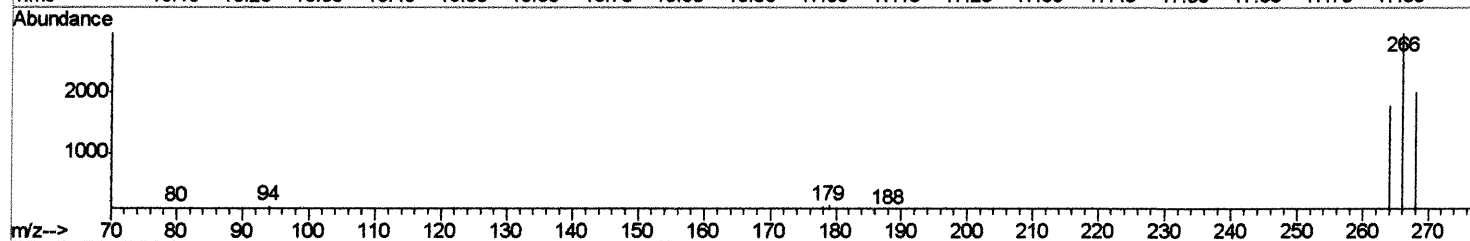
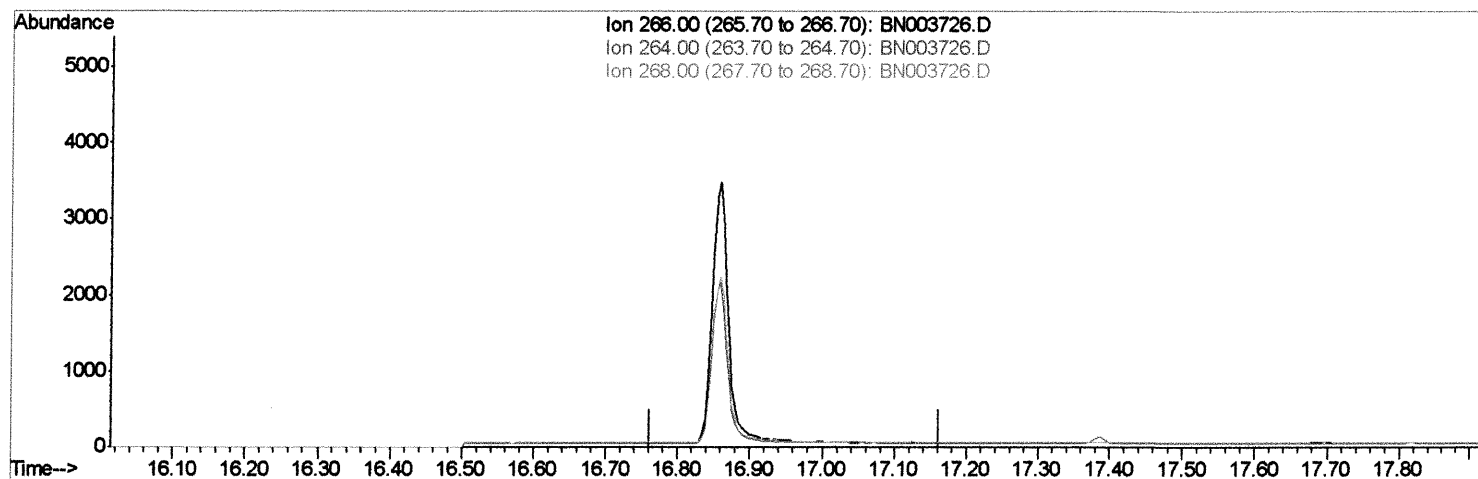
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



TIC: BN003726.D

(11) Pentachlorophenol

16.862min (-16.862) 0.00ng/ui

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	61.80	0.00#
268.00	64.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

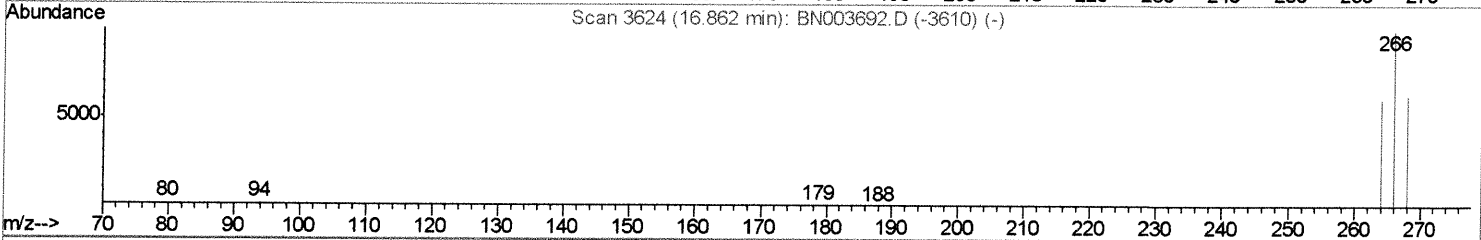
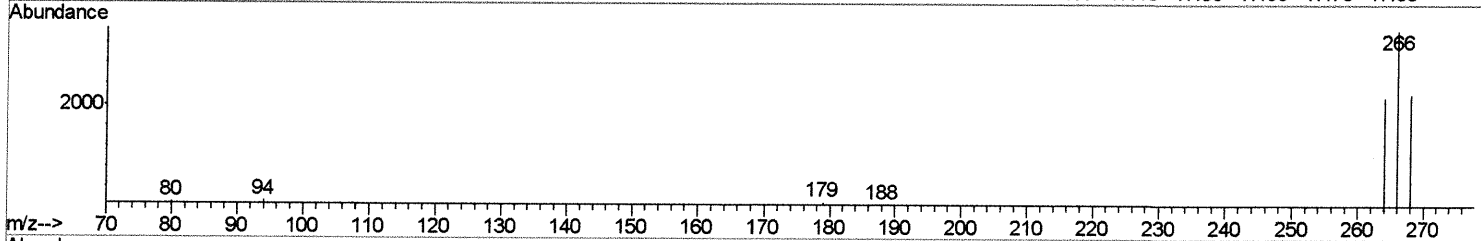
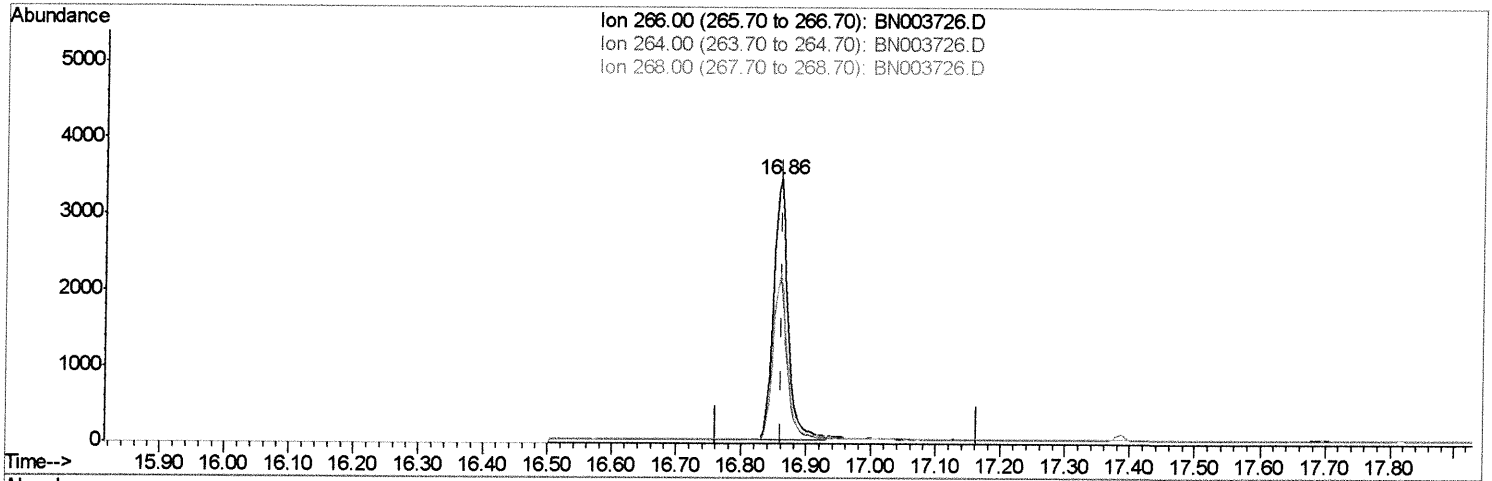
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(11) Pentachlorophenol

16.858min (-0.004) 1.02ng/ul m

response 5346

Ion Exp% Act%

266.00 100 100

264.00 61.80 0.00#

268.00 64.60 0.00#

0.00 0.00 0.00

SJ
 12/11/18

Quantitation Report (Qedit)

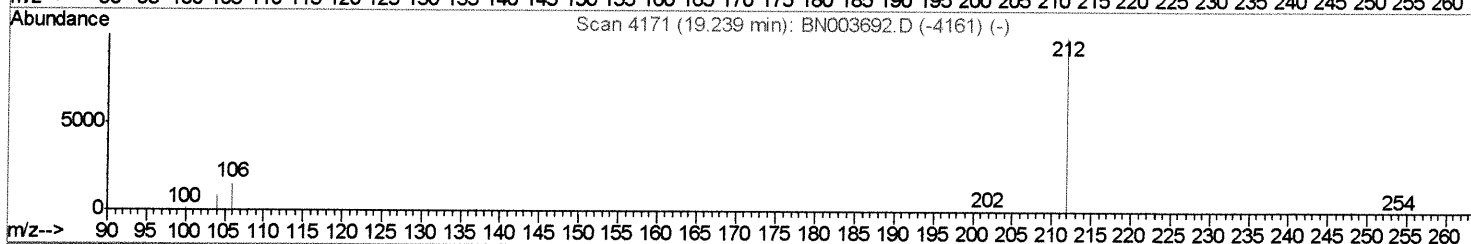
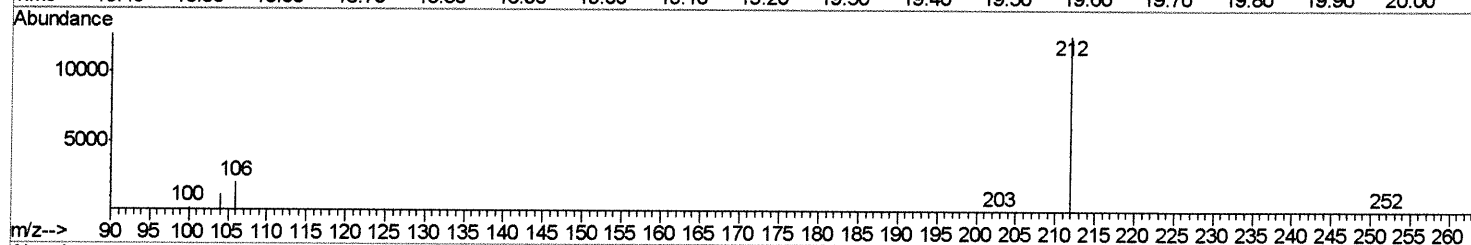
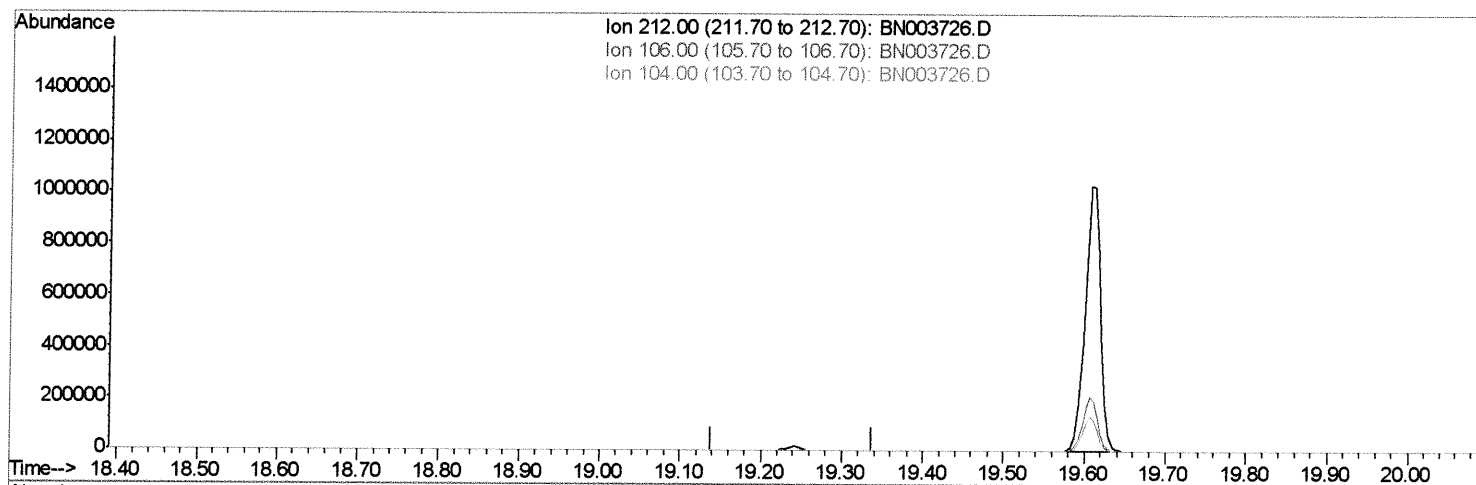
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



TIC: BN003726.D

(14) Fluoranthene-d10 (SURR)

19.239min (-19.239) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

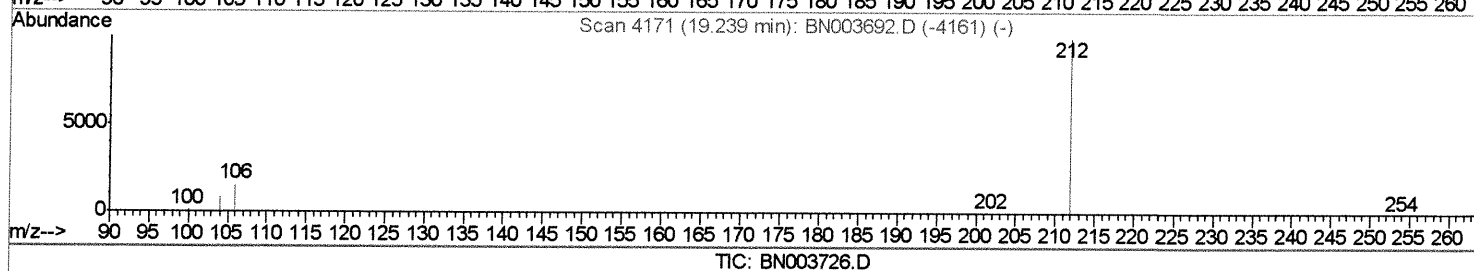
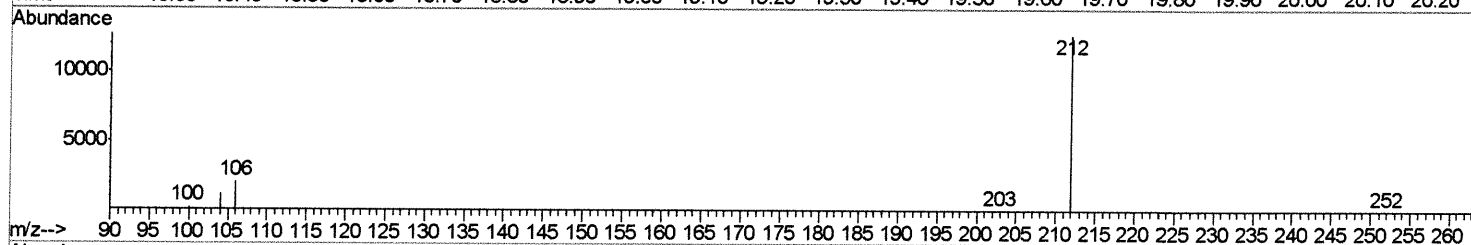
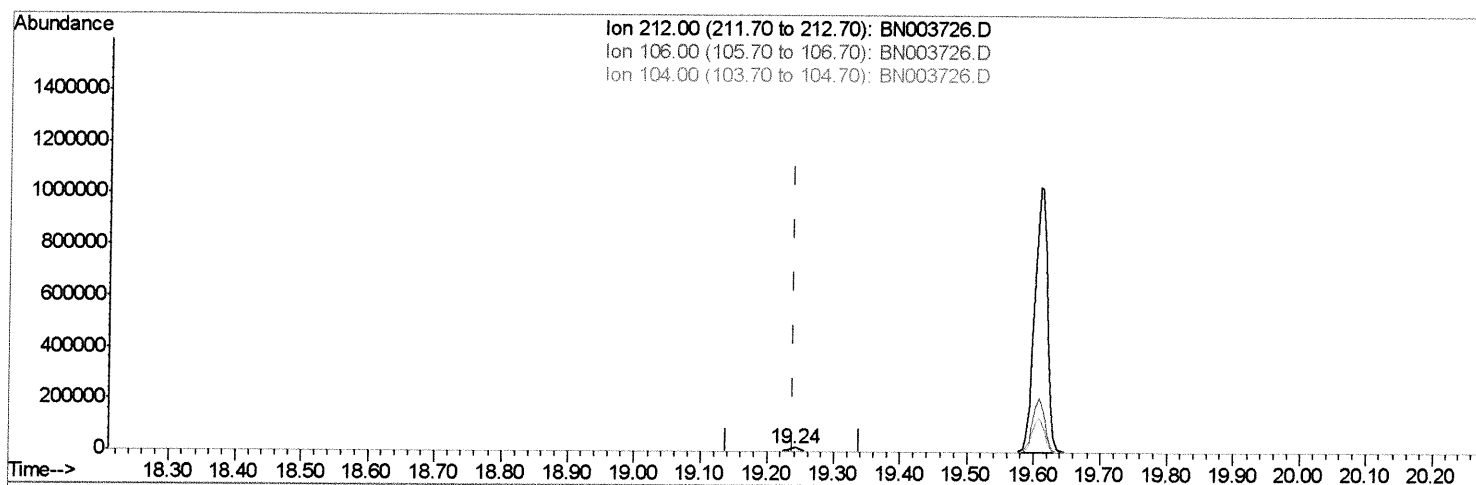
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.239min (+0.000) 0.20ng/ul m

response 17133

Ion	Exp%	Act%
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212.00	100	100
--------	-----	-----

106.00	14.20	0.00#
--------	-------	-------

104.00	8.00	0.00#
--------	------	-------

0.00	0.00	0.00
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Quantitation Report (Qedit)

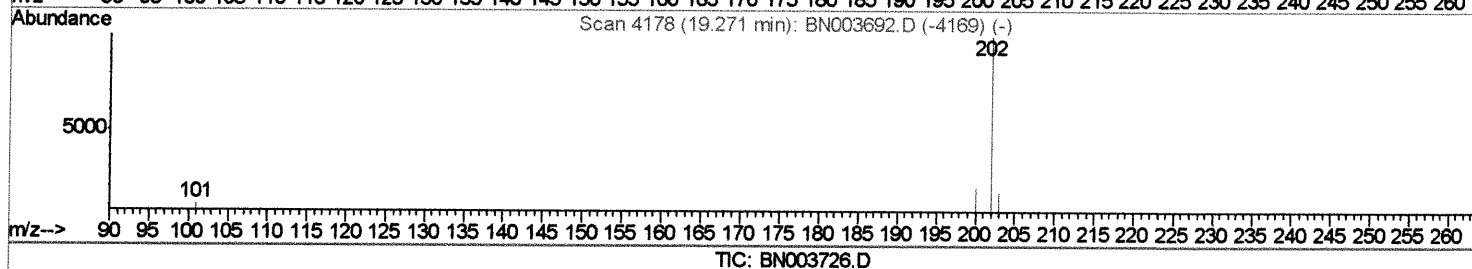
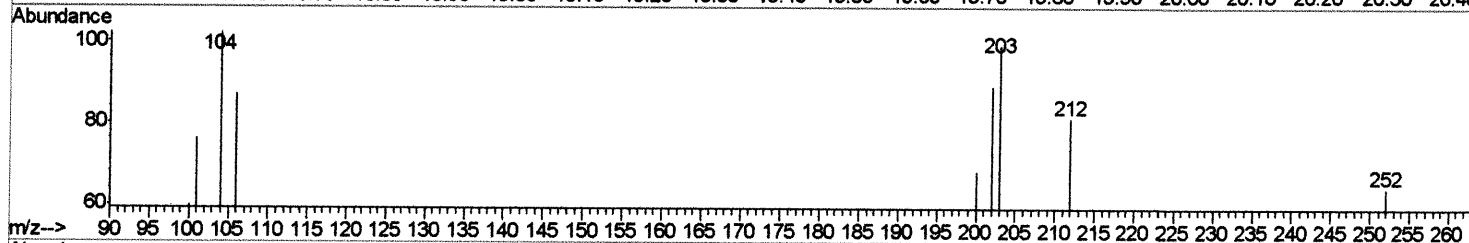
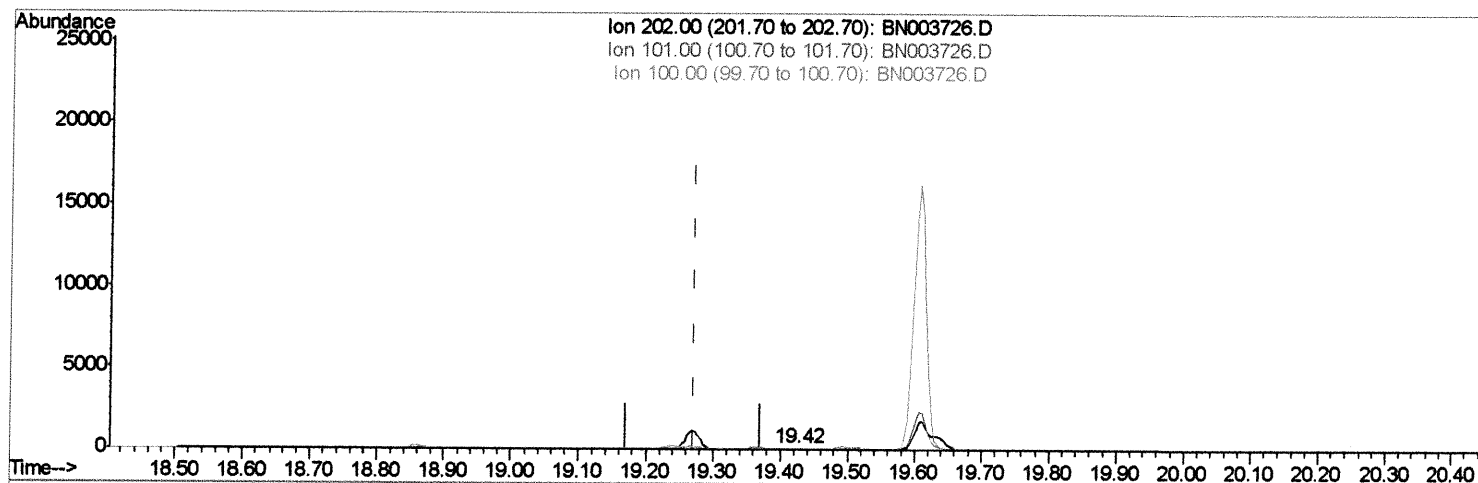
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.425min (+0.154) 0.00ng/ul

response 23

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	85.39#
100.00	8.10	67.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

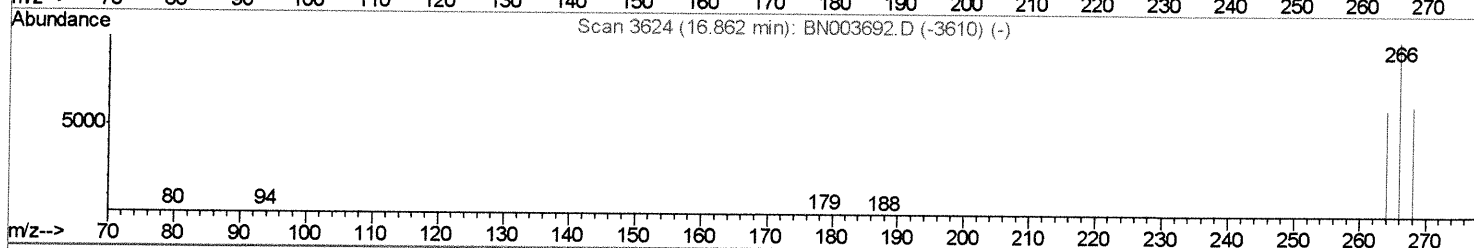
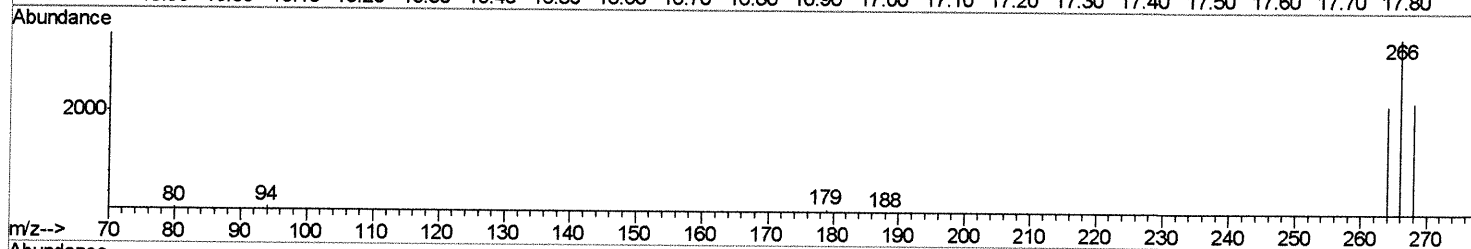
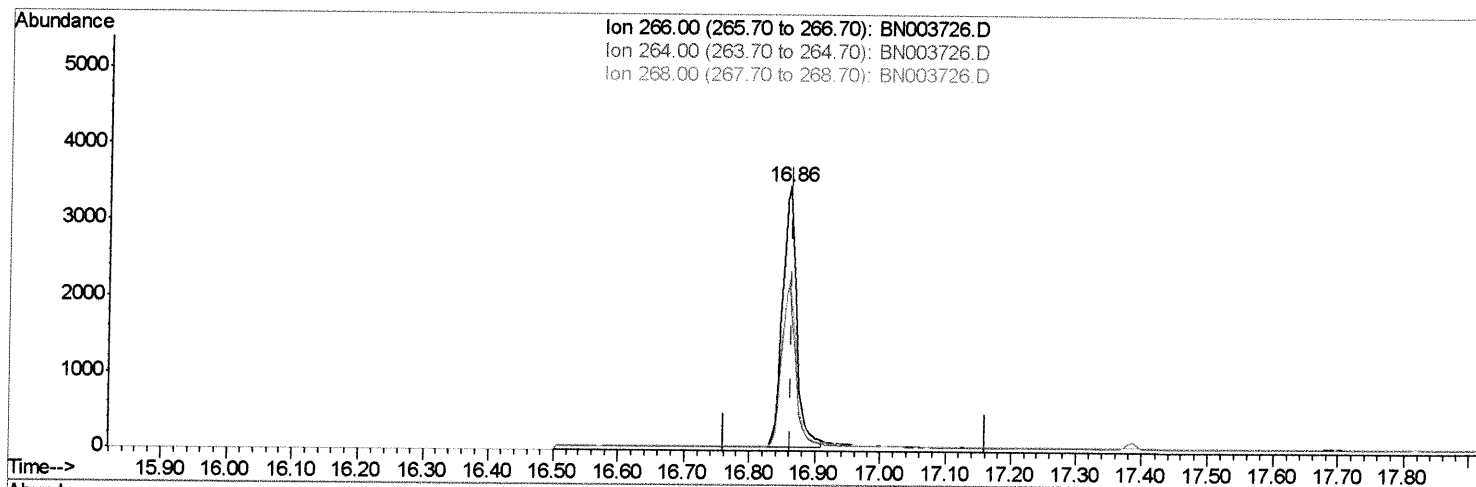
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(11) Pentachlorophenol

16.858min (-0.004) 1.00ng/ul m

response 5248

Ion	Exp%	Act%
266.00	100	100
264.00	61.80	0.00#
268.00	64.60	0.00#
0.00	0.00	0.00

> SJ
 12/11/18

Quantitation Report (Qedit)

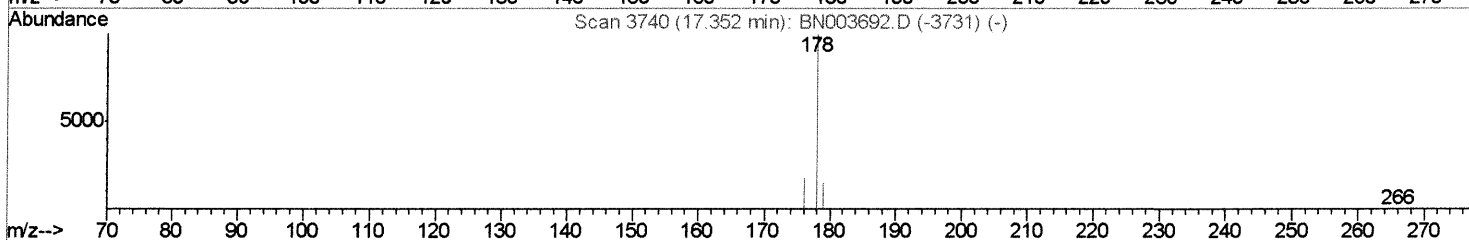
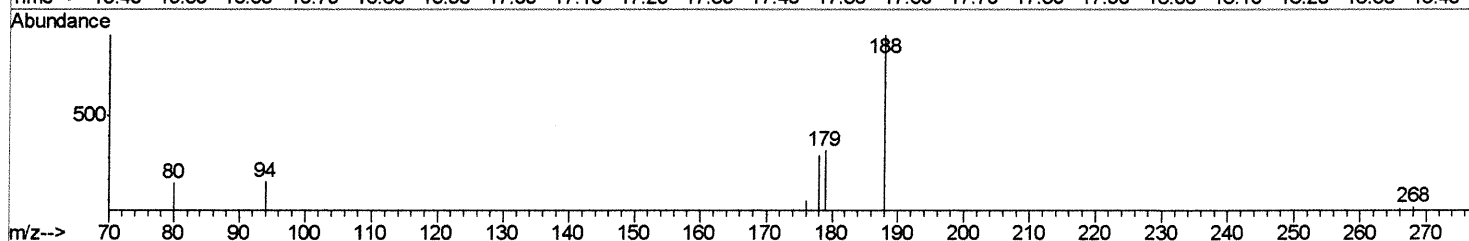
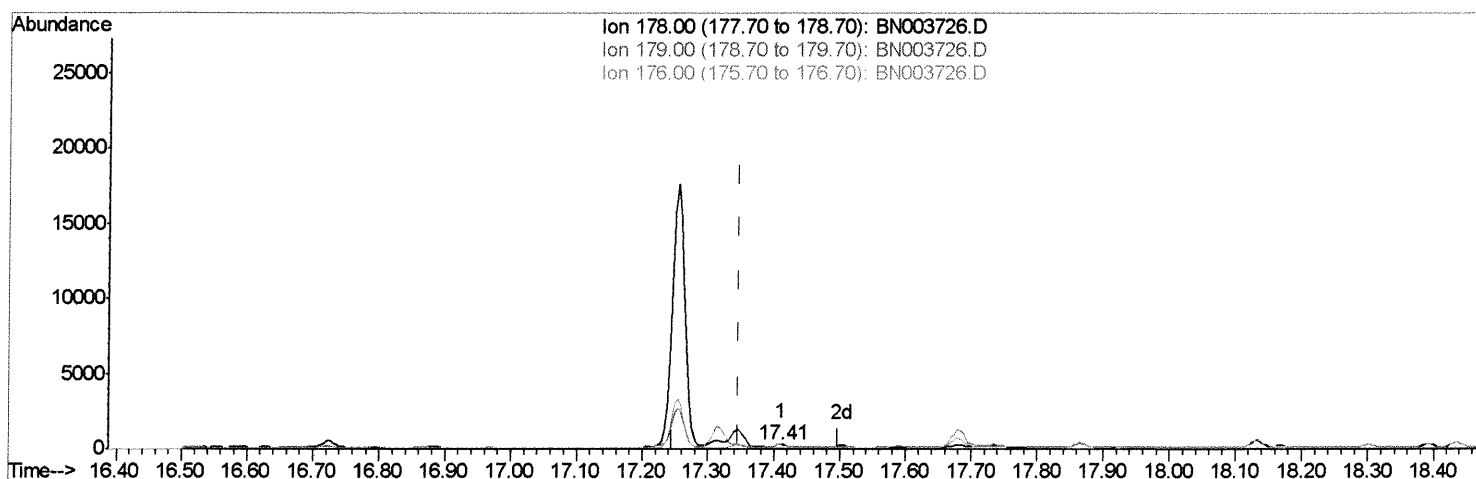
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



TIC: BN003726.D

(13) Anthracene

17.411min (+0.064) 0.00ng/ui

response 308

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	107.44#
176.00	18.50	29.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

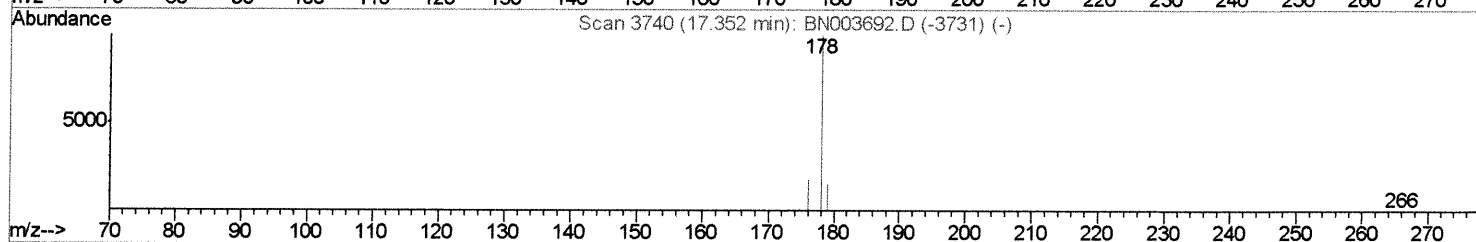
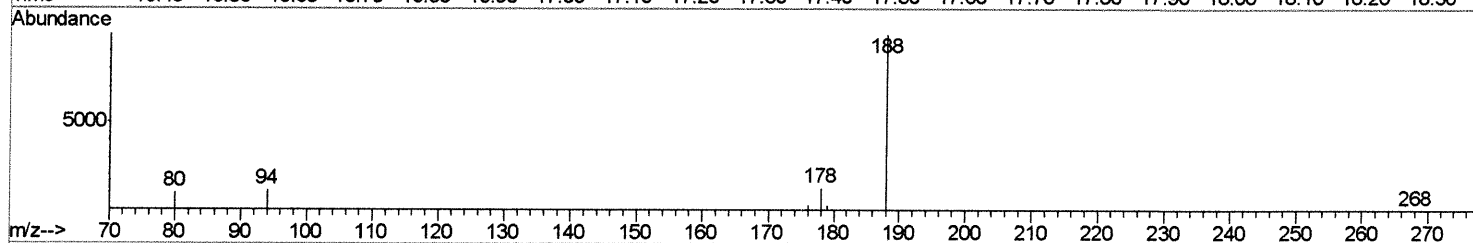
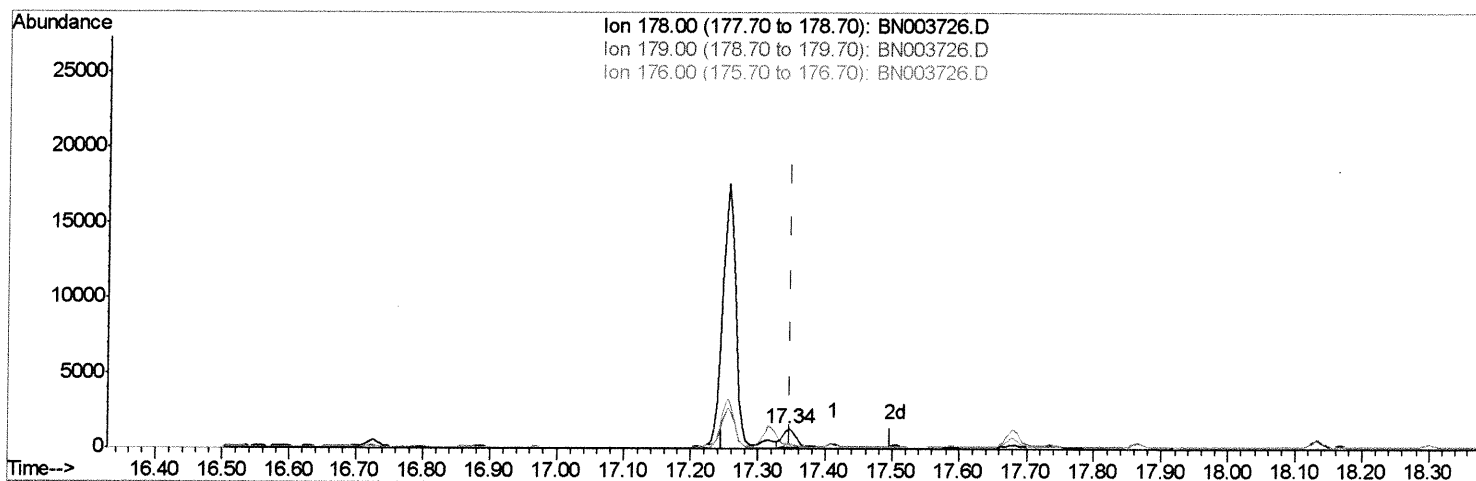
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(13) Anthracene

17.344min (-0.004) 0.02ng/ul m

response 1865

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	24.73#
176.00	18.50	23.04#
0.00	0.00	0.00

SJ
 12/11/18

Quantitation Report (Qedit)

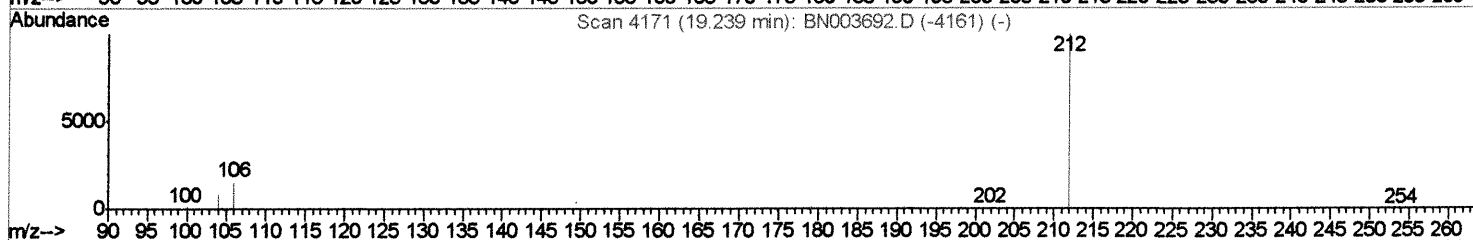
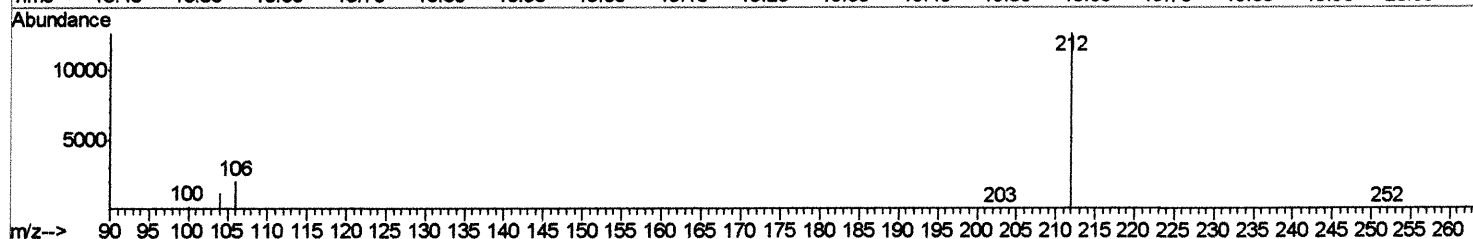
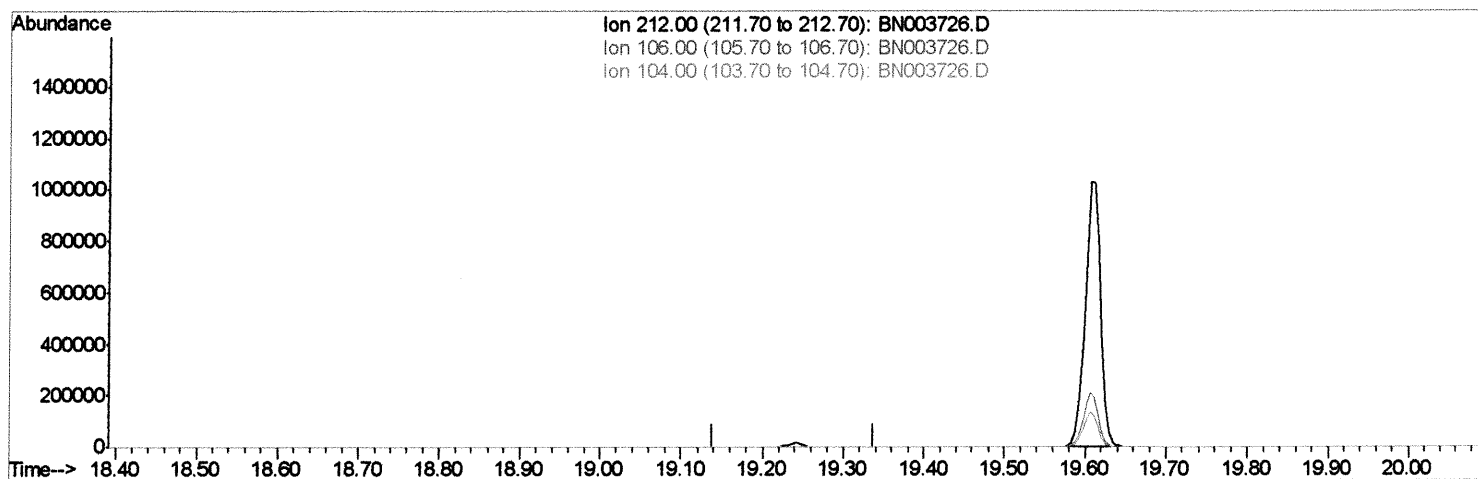
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003726.D
Acq On : 06 Dec 2018 09:43
Operator : JU/SJ
Sample : J6170-07DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9J04DL

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration



TIC: BN003726.D

(14) Fluoranthene-d10 (SURR)

19.239min (-19.239) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

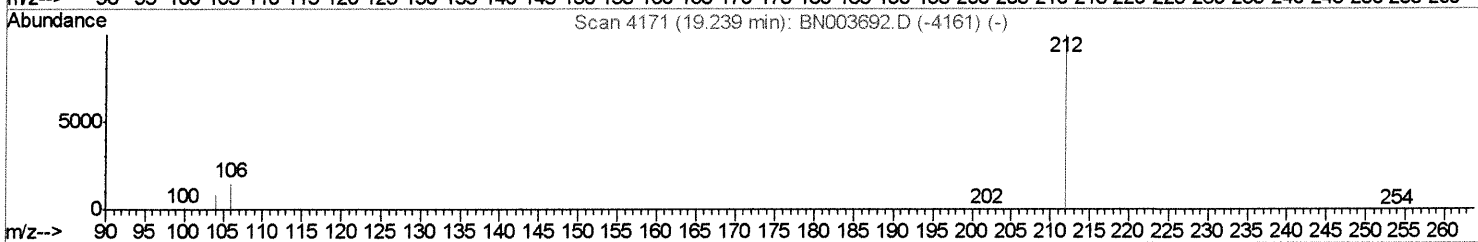
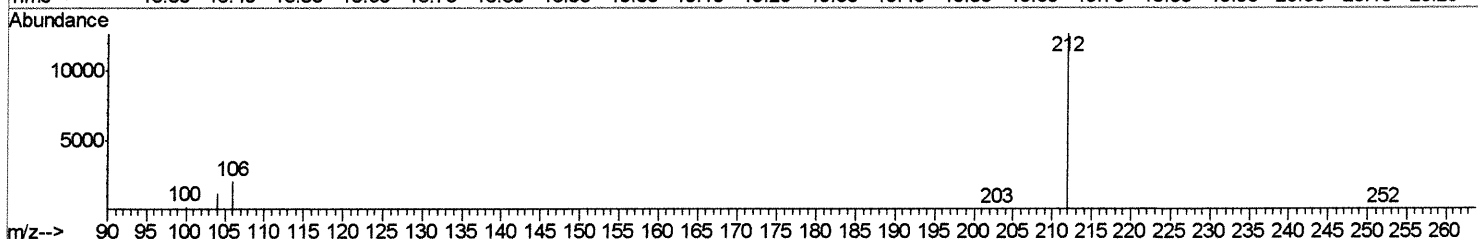
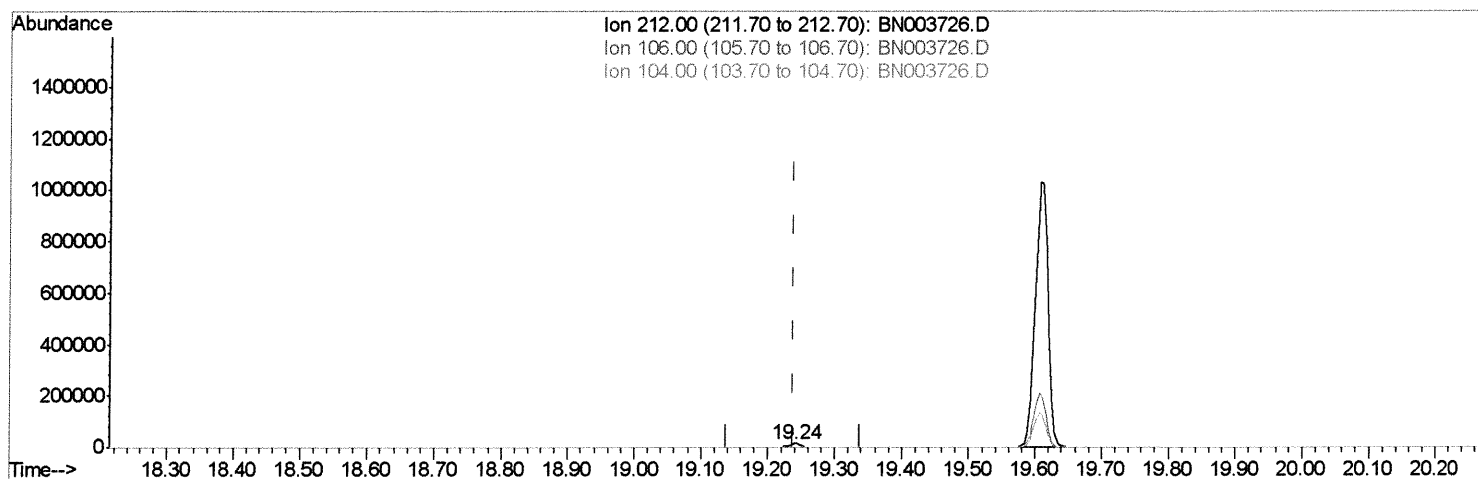
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(14) Fluoranthene-d10 (SURR)

19.239min (+0.000) 0.20ng/ul m

response 17063

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

SS
 12/11/18

Quantitation Report (Qedit)

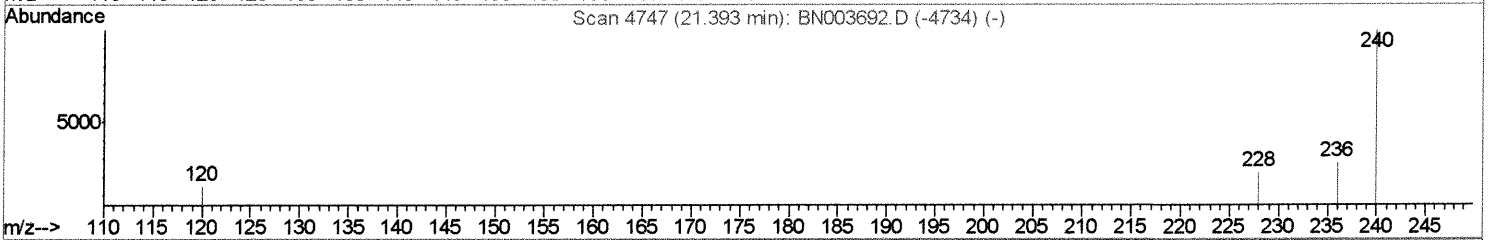
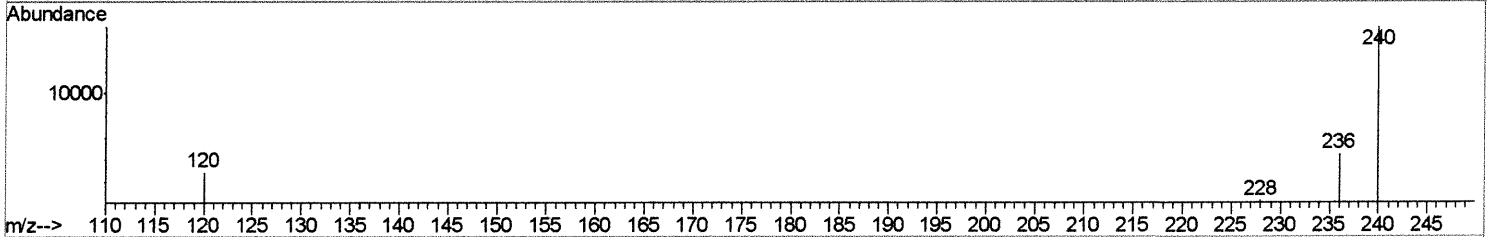
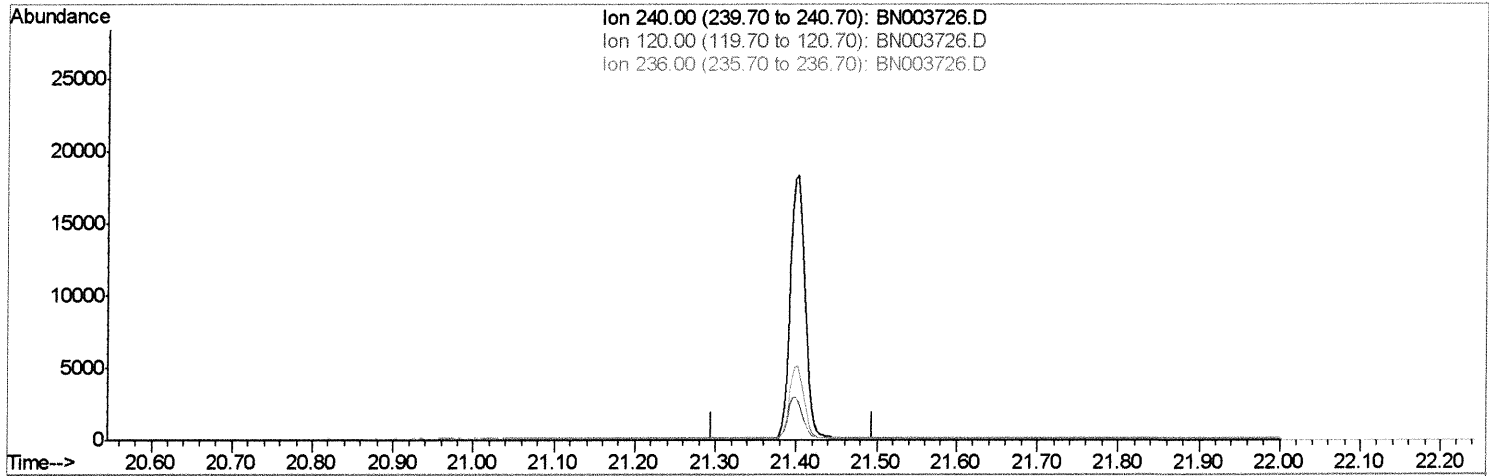
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(16) Chrysene-d12 (I)

21.395min (-21.395) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.00	0.00#
236.00	27.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

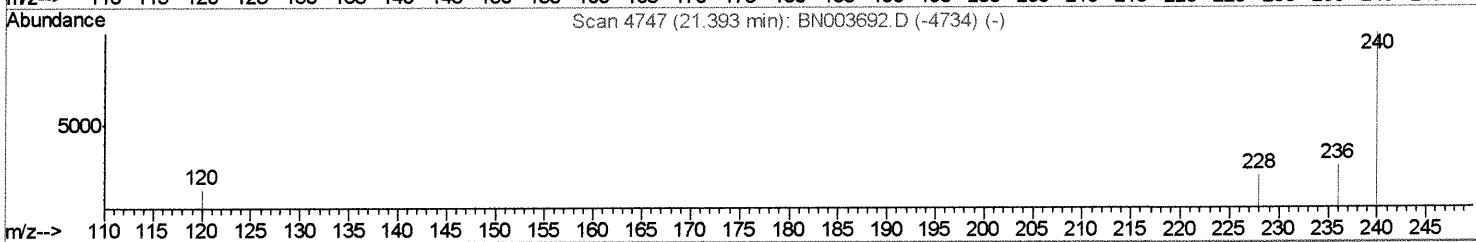
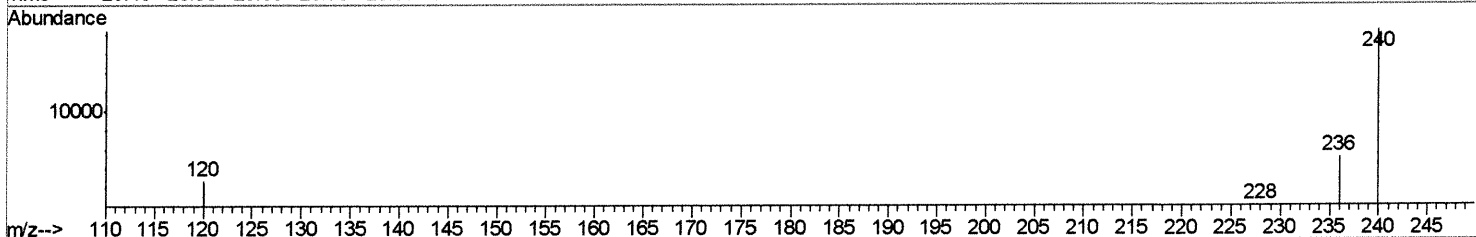
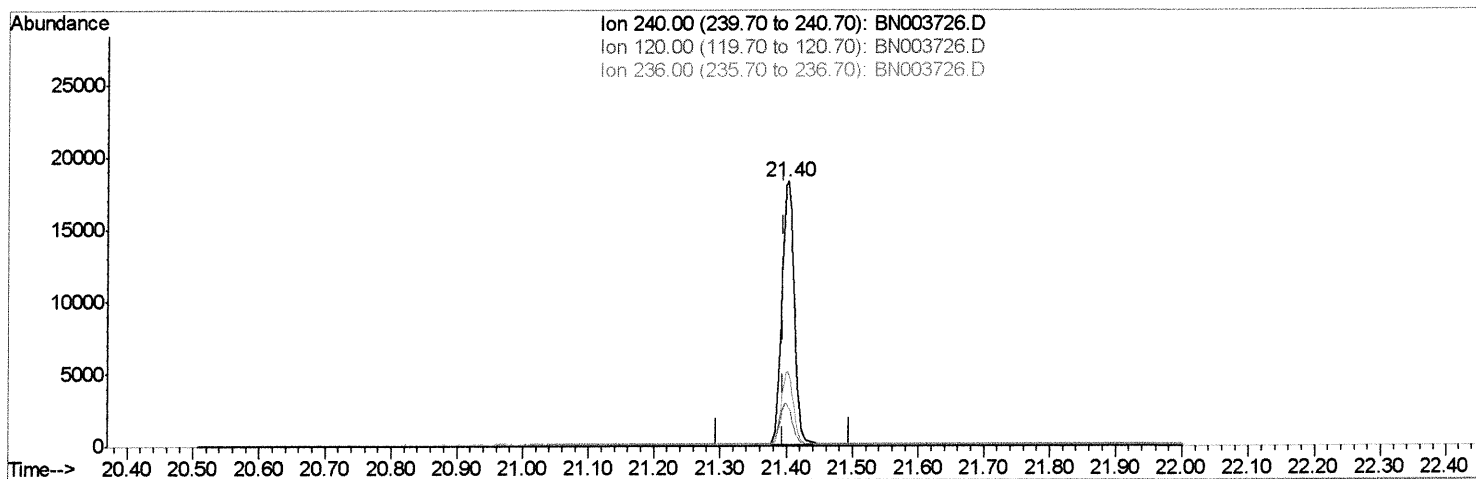
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:46:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration



TIC: BN003726.D

(16) Chrysene-d12 (I)

21.401min (+0.006) 0.40ng/ul m

response 23669

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.11
236.00	27.60	28.07
0.00	0.00	0.00

SJ
 12/11/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
 Data File : BN003726.D
 Acq On : 06 Dec 2018 09:43
 Operator : JU/SJ
 Sample : J6170-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9J04DL

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:50 PM

Quant Time: Dec 06 10:58:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	6045	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23850	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13574	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	29195m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	23669m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	23533	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	7032	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	17063m	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	4477162	66.831	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	153856	3.289	ng/ul	100
7) Acenaphthylene	14.19	152	13546	0.222	ng/ul	98
8) Acenaphthene	14.53	153	70946	1.325	ng/ul	99
9) Fluorene	15.52	166	38615	0.618	ng/ul	98
11) Pentachlorophenol	16.86	266	5248m	0.998	ng/ul	
12) Phenanthrene	17.26	178	23773	0.248	ng/ul	99
13) Anthracene	17.34	178	1865m	0.024	ng/ul	

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

ST
 12/11/18