

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (QT Reviewed)

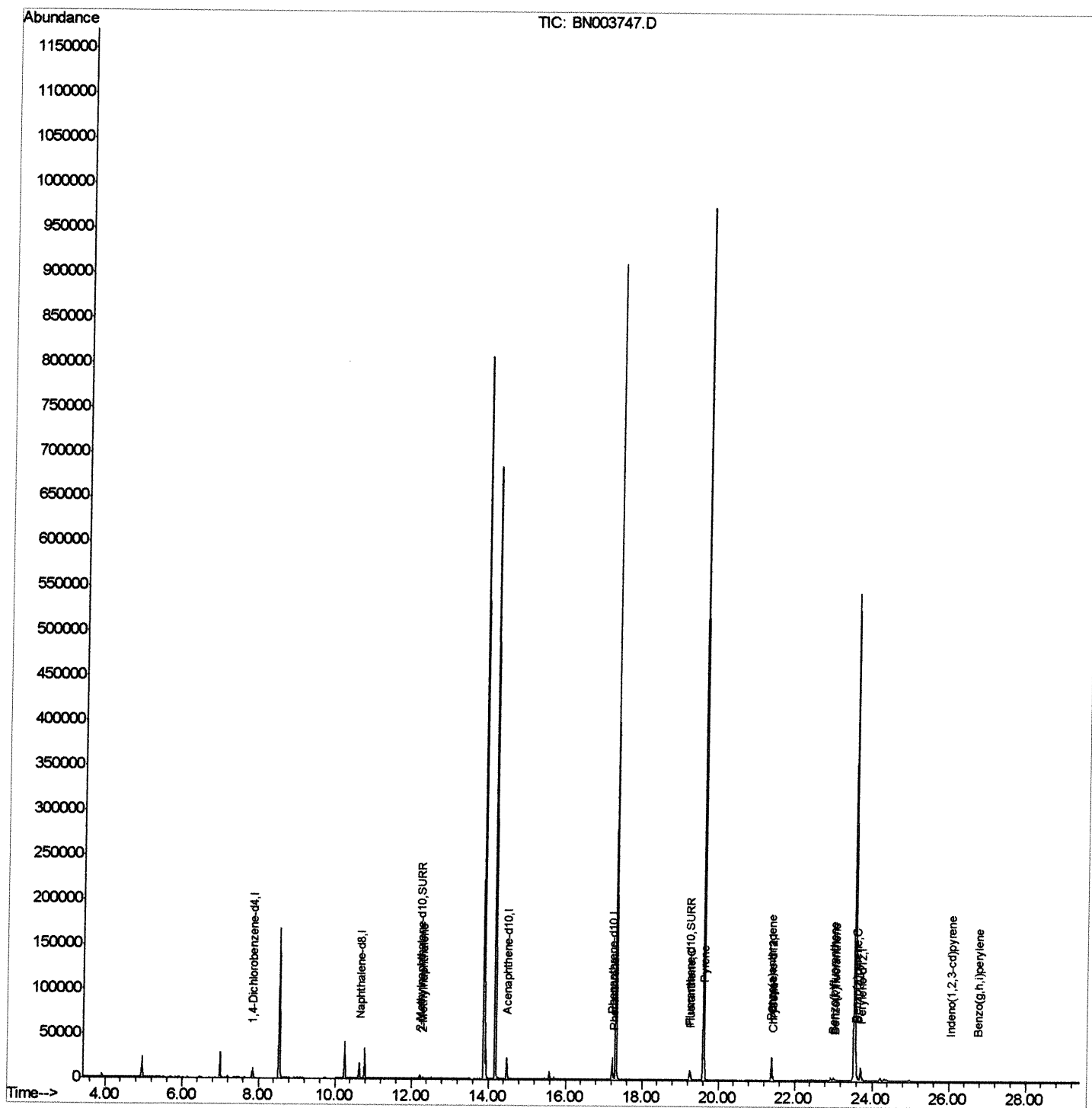
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:44:28 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

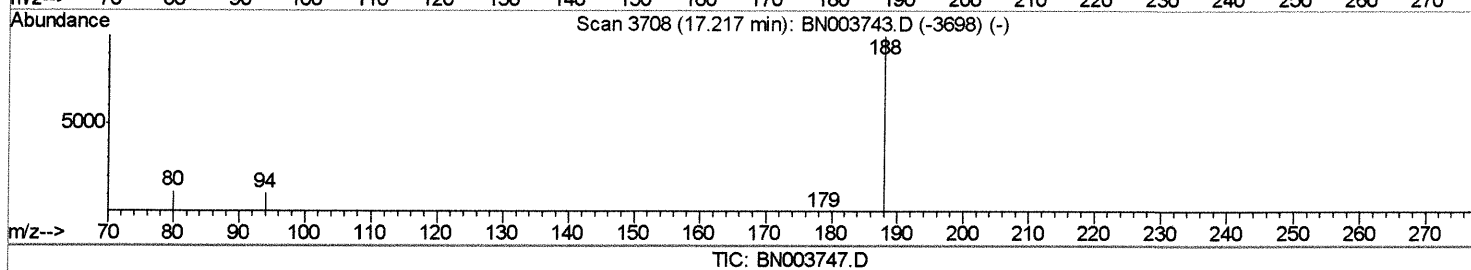
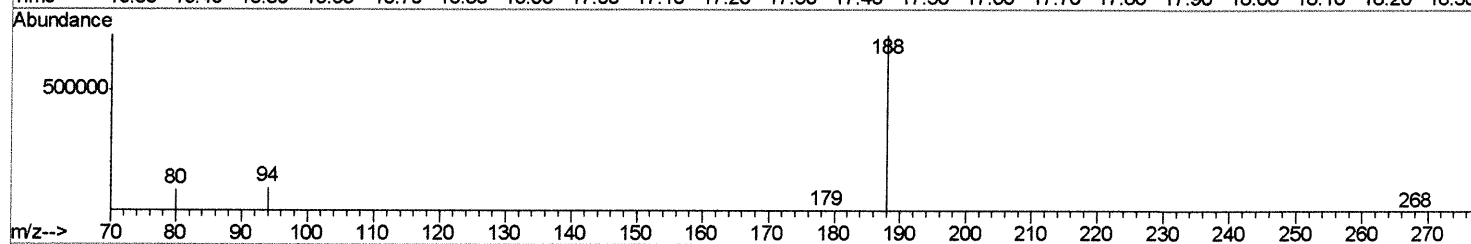
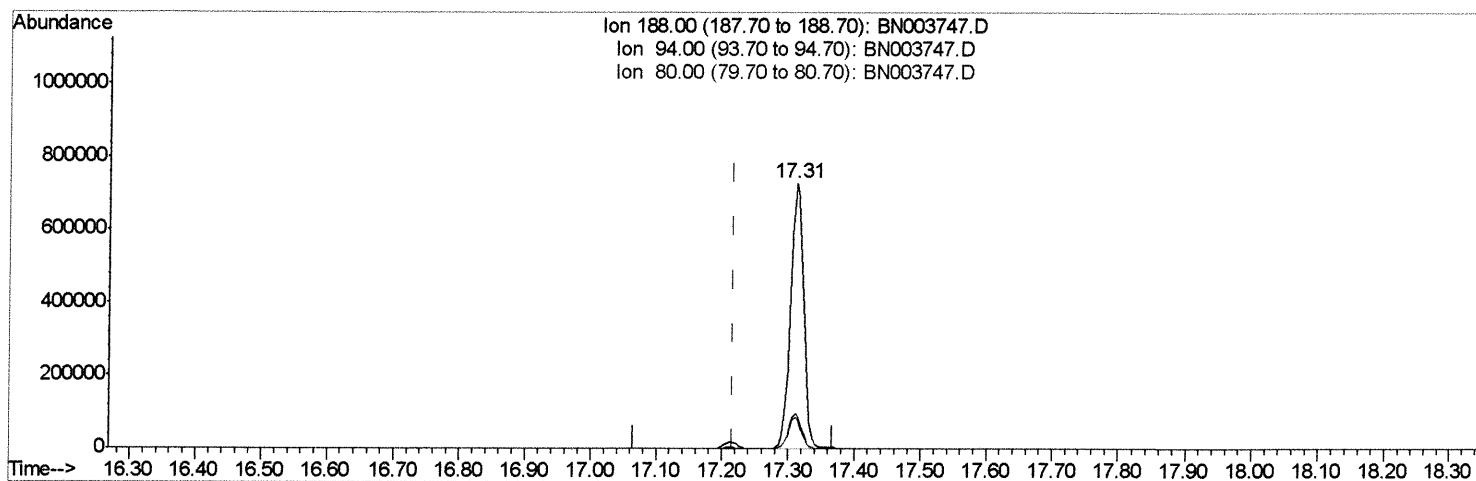
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:12:40 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.310min (+0.093) 0.40ng/ul

response 992944

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.37#
80.00	11.60	12.01
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

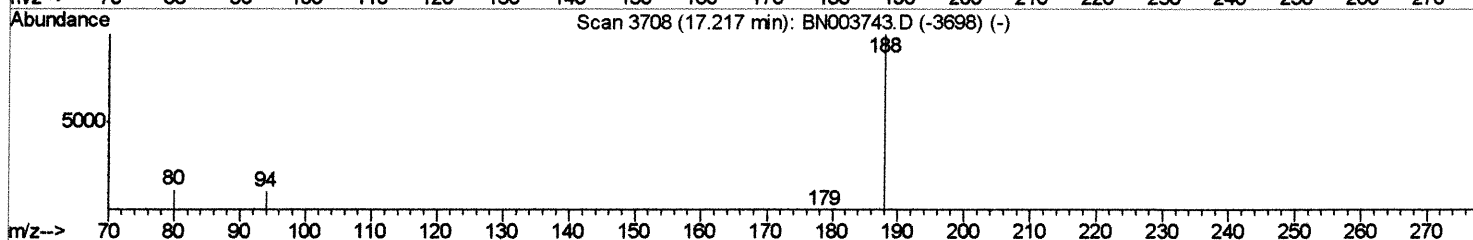
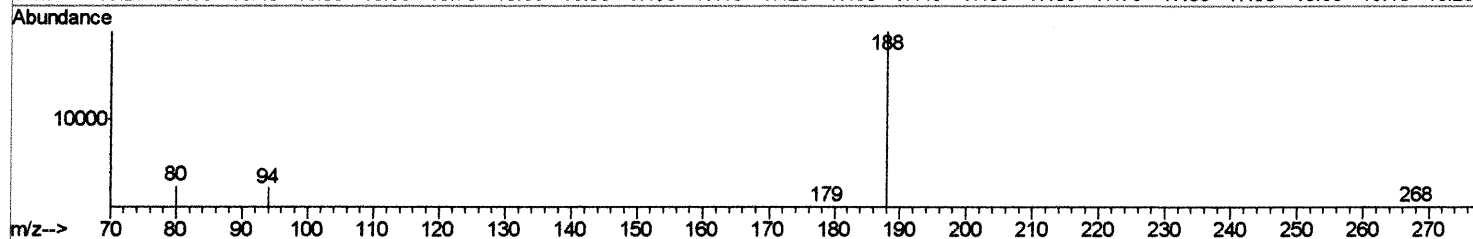
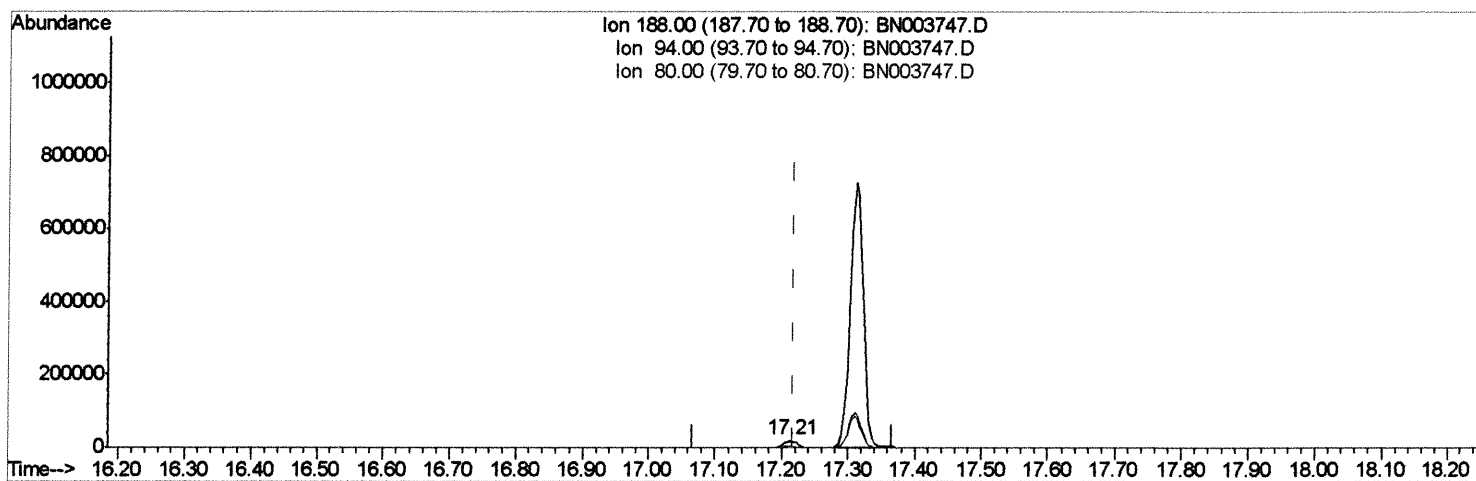
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:12:40 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 27834

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.14
80.00	11.60	12.07
0.00	0.00	0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

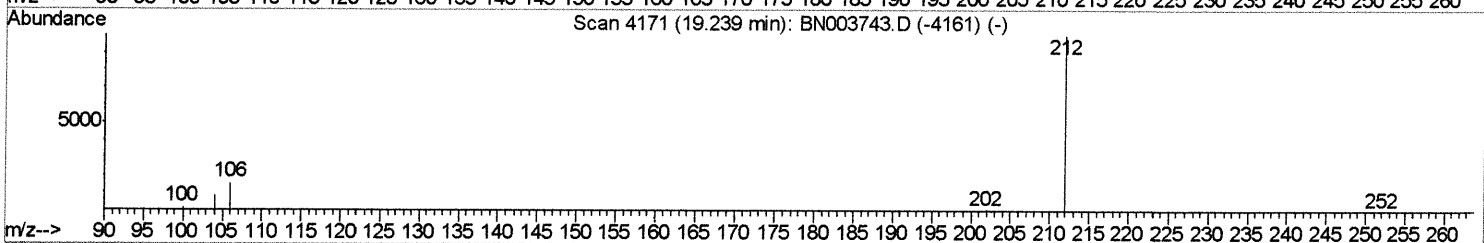
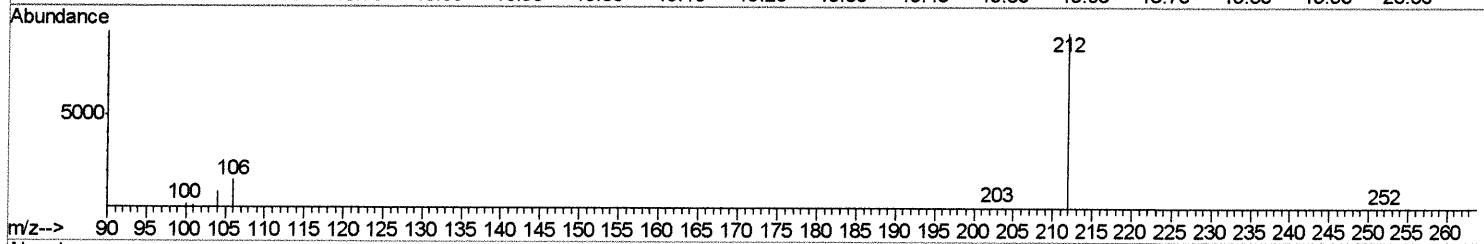
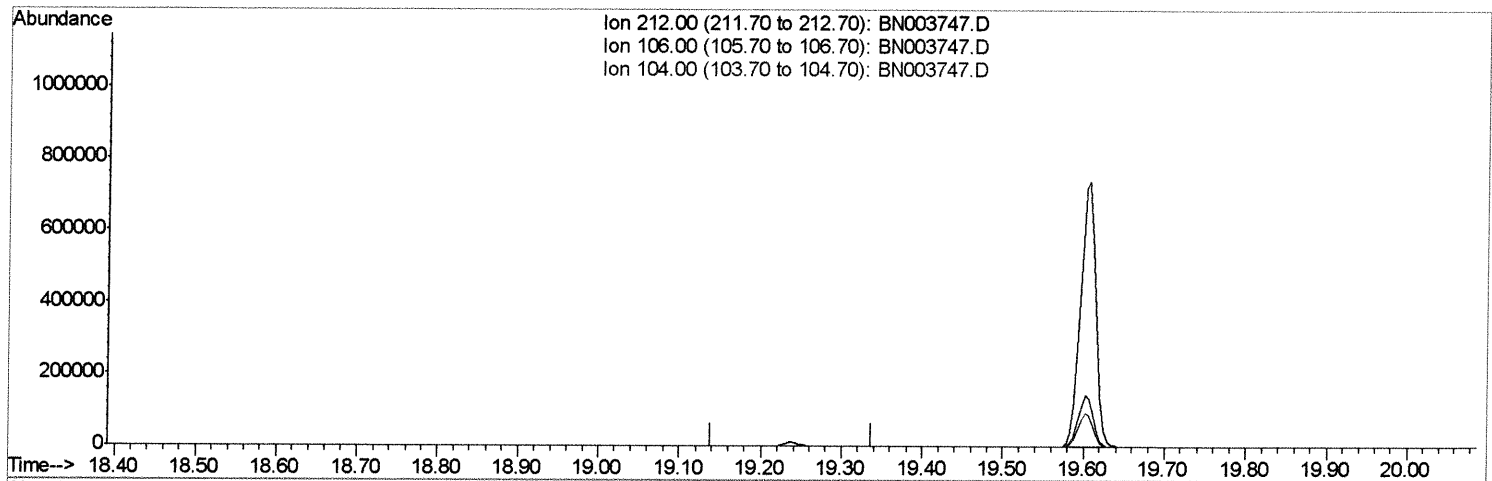
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:41:58 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

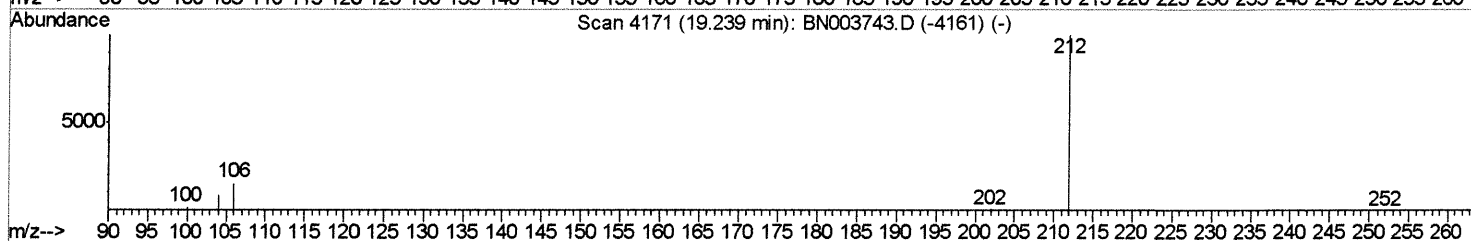
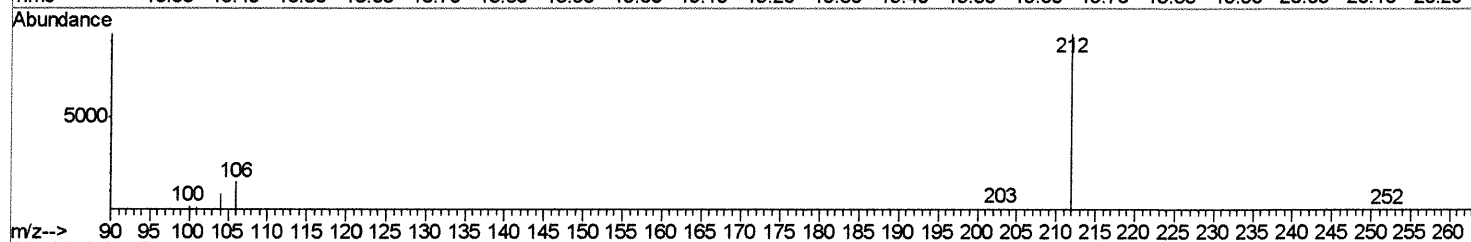
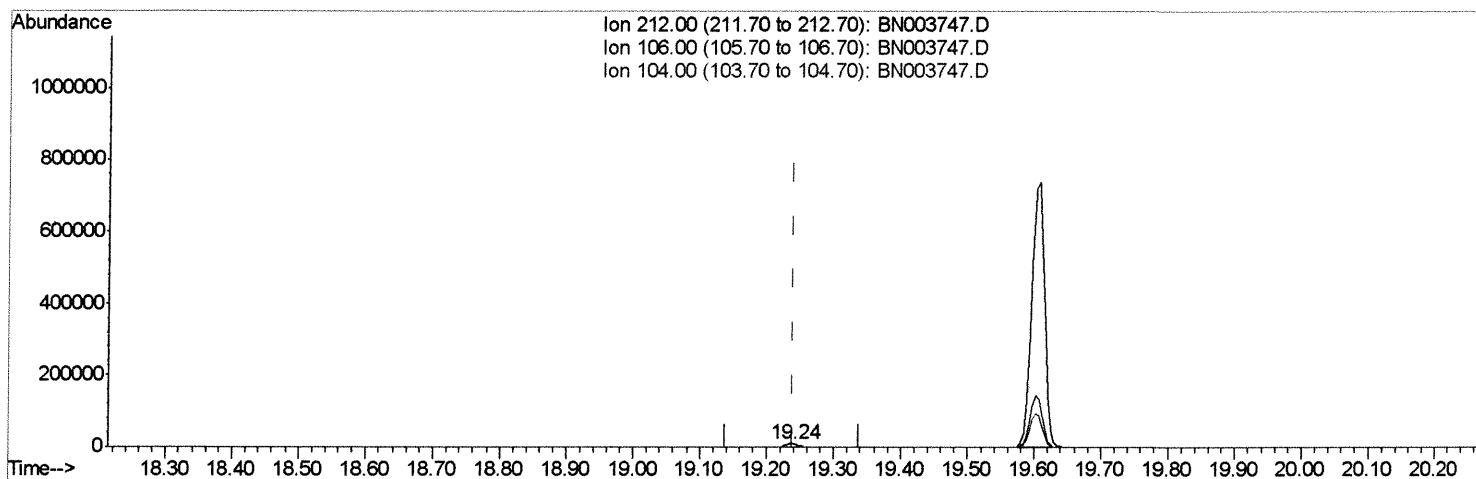
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:41:58 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(14) Fluoranthene-d10 (SURR)

19.239min (+0.000) 0.16ng/ul m

response 12702

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

> $\frac{53}{1211118}$

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

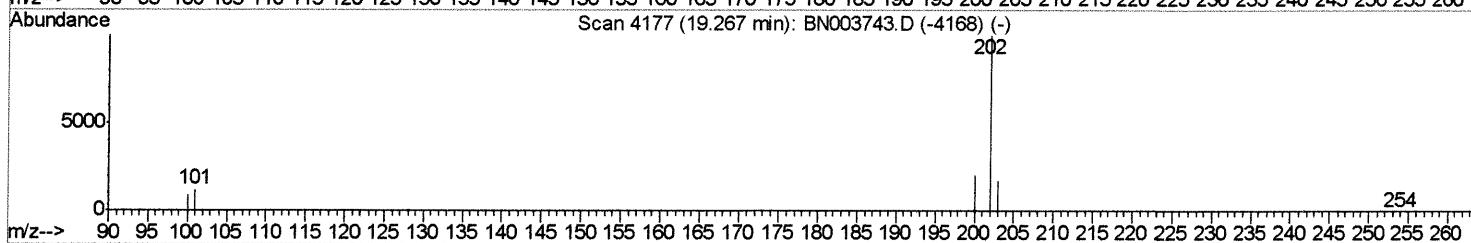
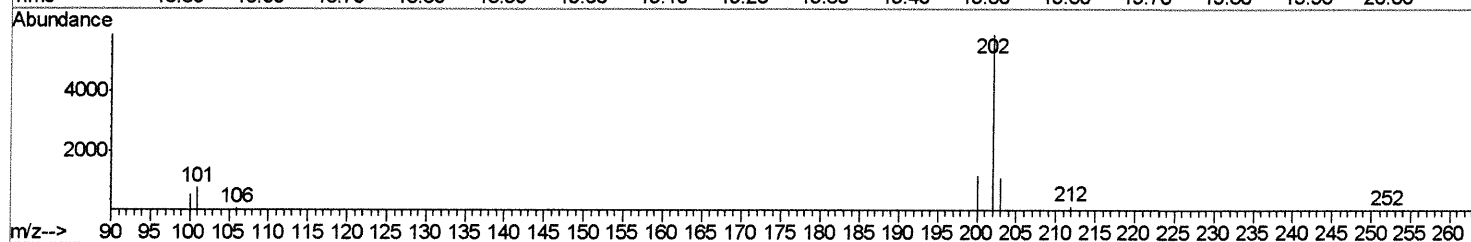
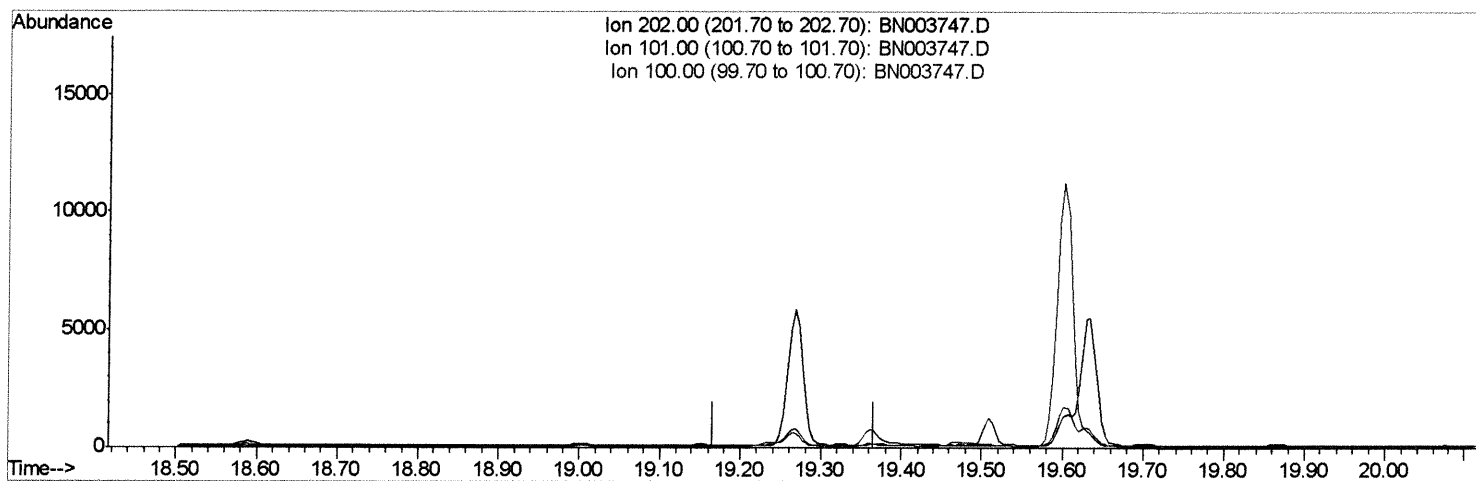
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:41:58 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(15) Fluoranthene (C)

19.267min (-19.267) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.70	0.00
100.00	8.10	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

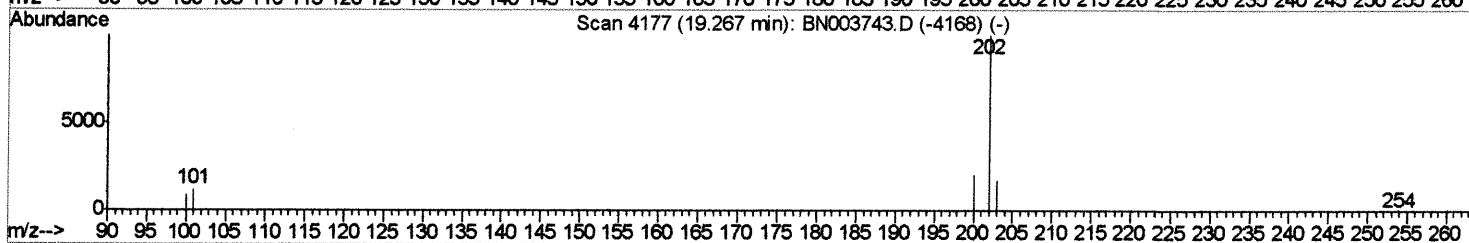
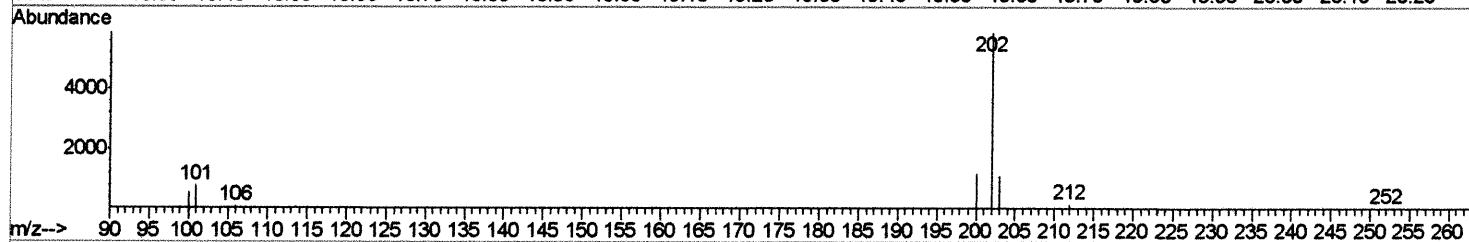
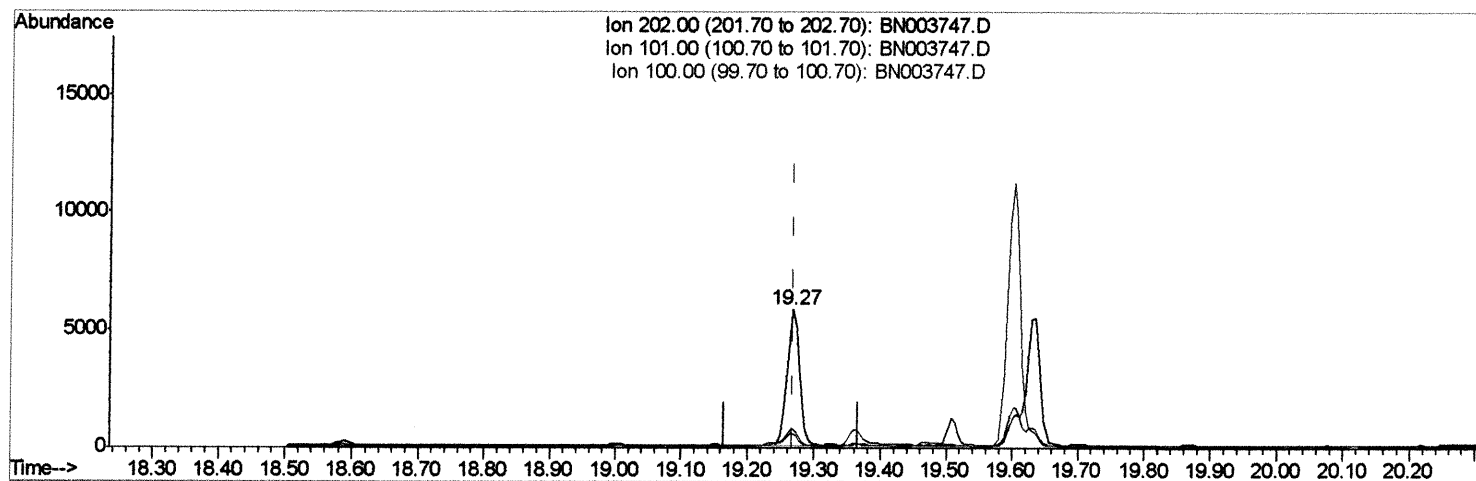
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:41:58 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(15) Fluoranthene (C)

19.267min (+0.000) 0.07ng/ul m

response 7558

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	13.91
100.00	8.10	10.11
0.00	0.00	0.00

> 55
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

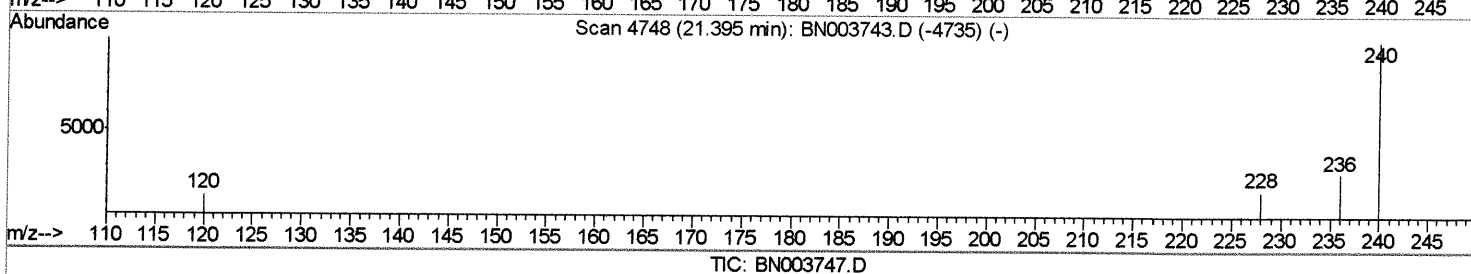
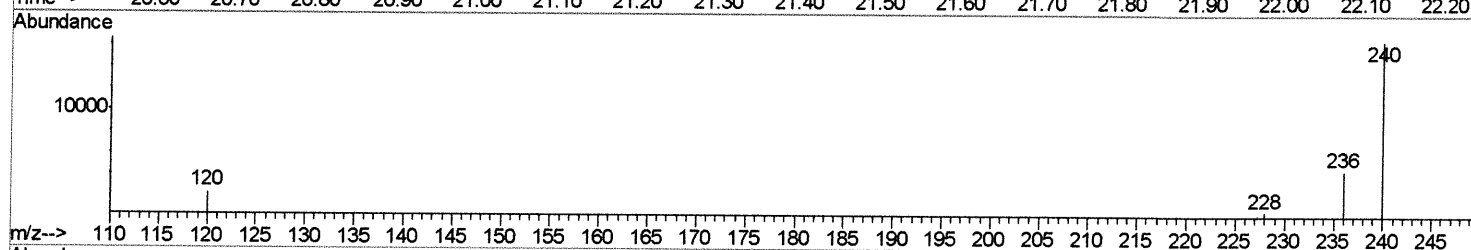
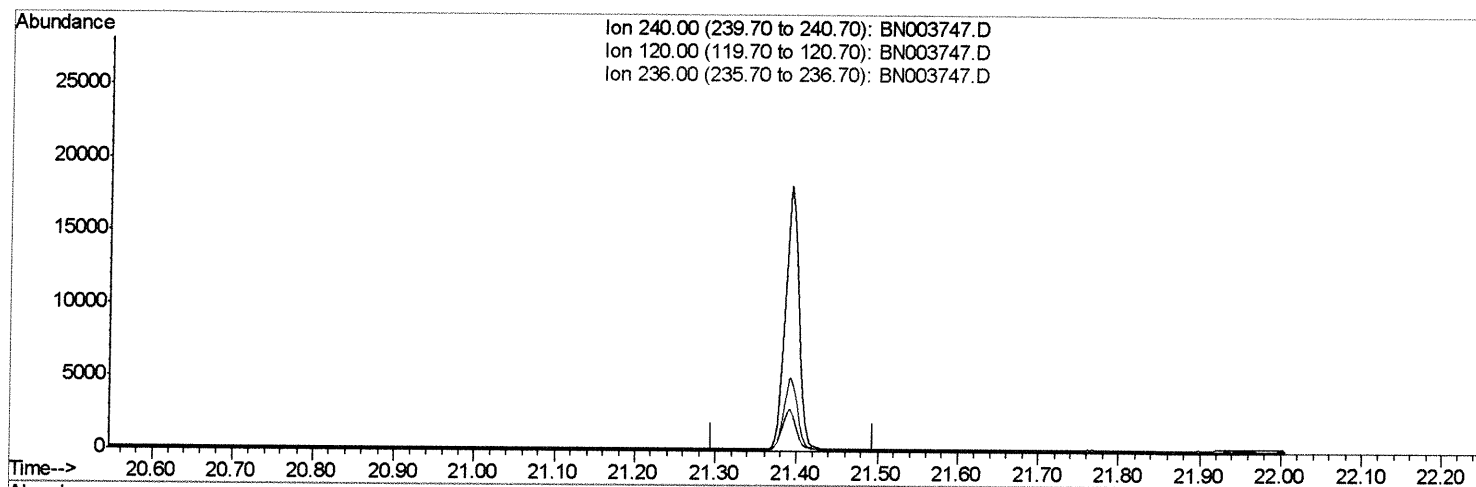
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:41:58 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(16) Chrysene-d12 (I)

21.395min (-21.395) 0.00ng/ui

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

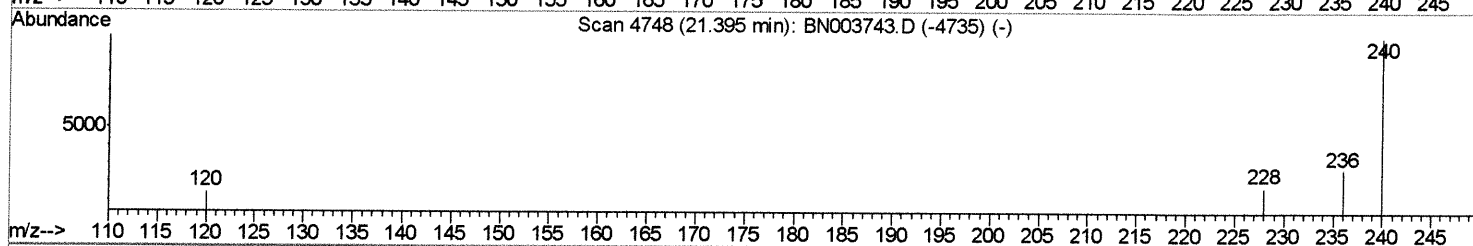
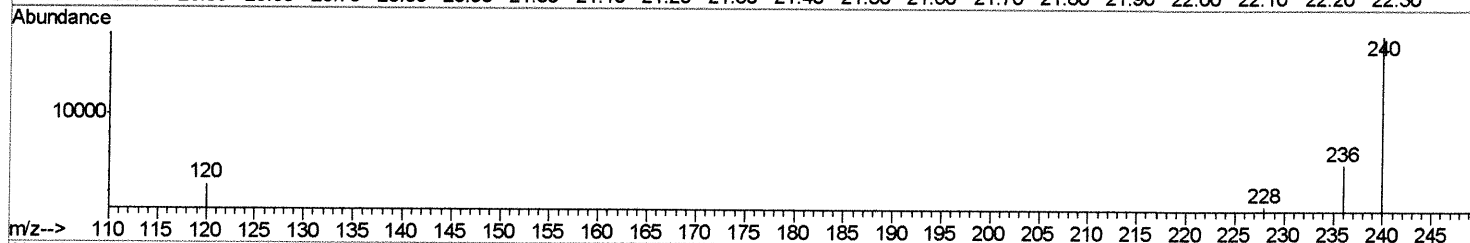
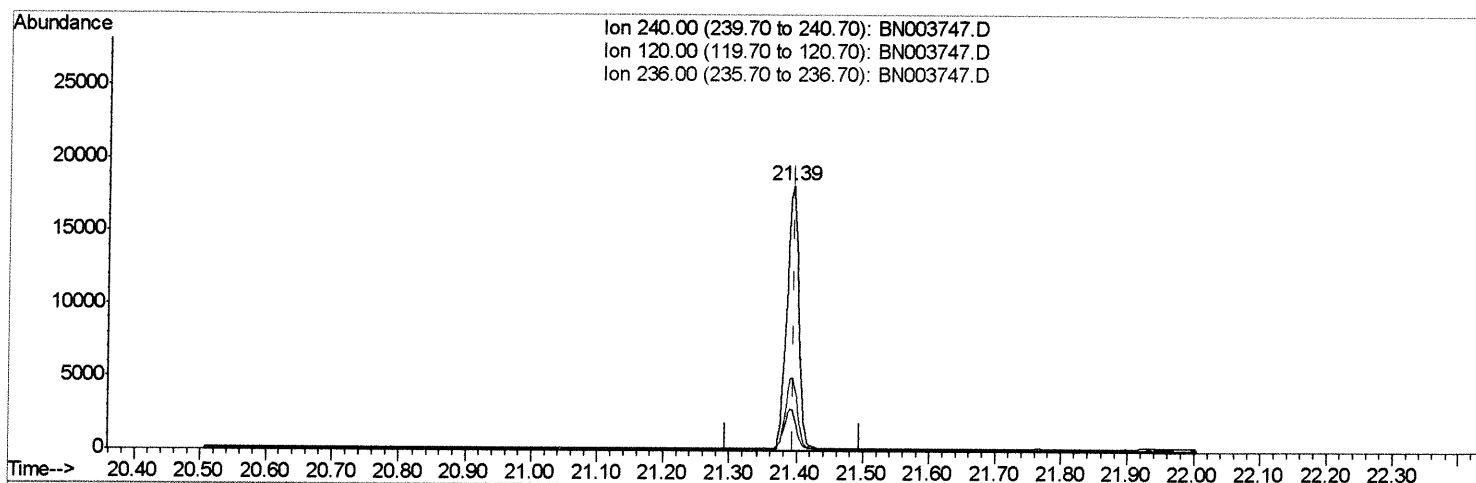
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
 Quantitation Report (Qedit)
 Data File : BN003747.D
 Acq On : 07 Dec 2018 01:50
 Operator : JU/SJ
 Sample : J6227-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E80

Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:41:58 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 : Fri Dec 07 04:08:50 2018
 Response via : Initial Calibration



TIC: BN003747.D

(16) Chrysene-d12 (I)

21.393min (-0.003) 0.40ng/ul m

response 22548

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.41
236.00	27.60	27.88
0.00	0.00	0.00

> SJ
 12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

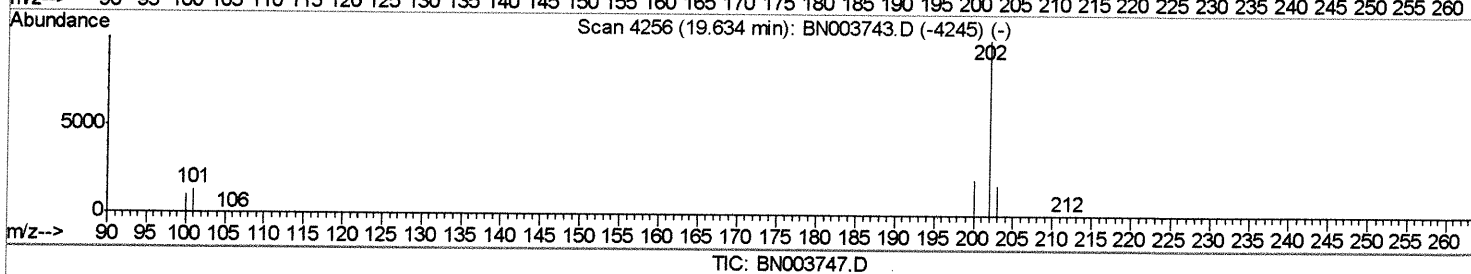
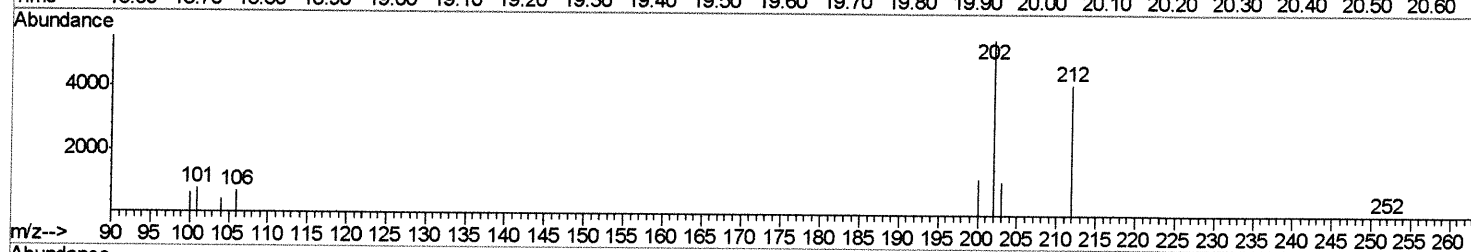
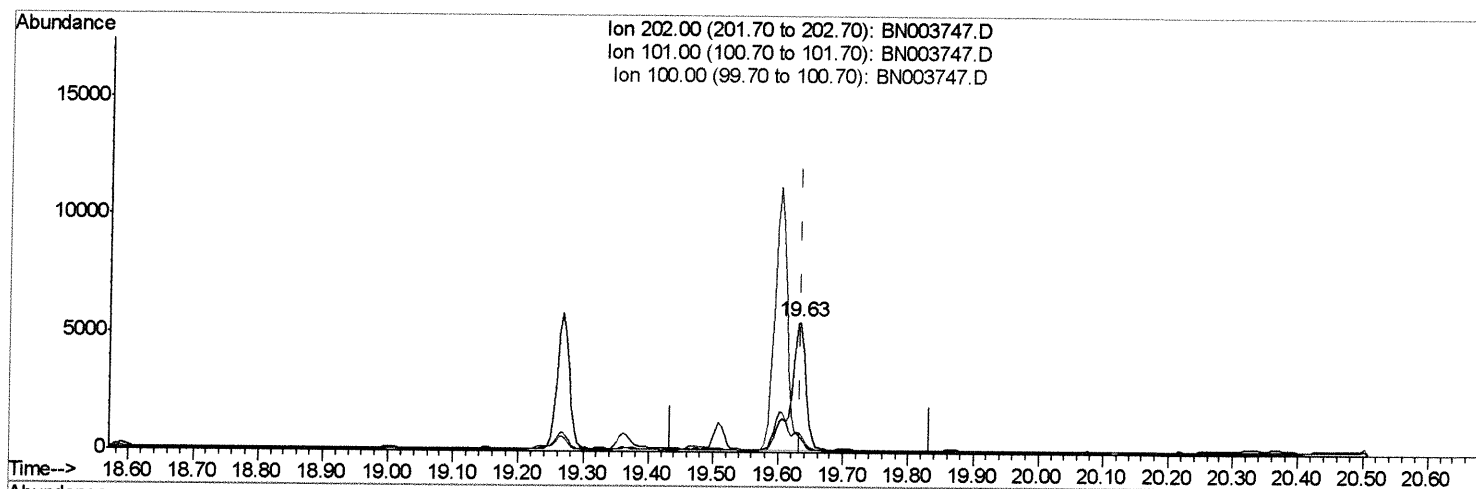
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:04 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



(17) Pyrene

19.634min (+0.000) 0.11ng/ul

response 8934

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.40
100.00	10.60	11.94
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

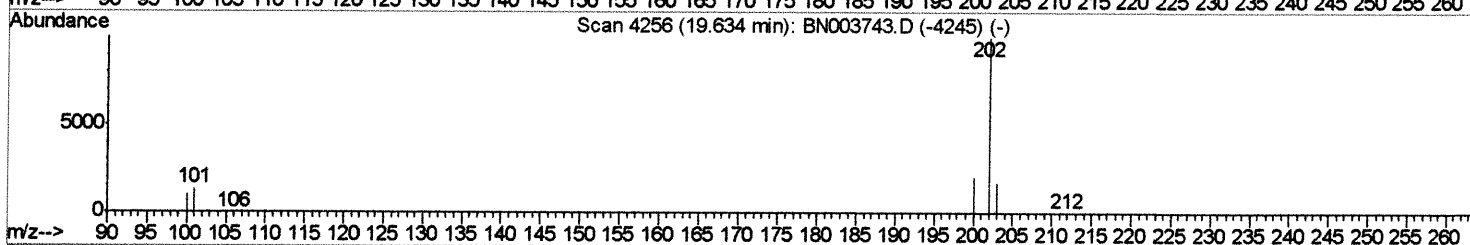
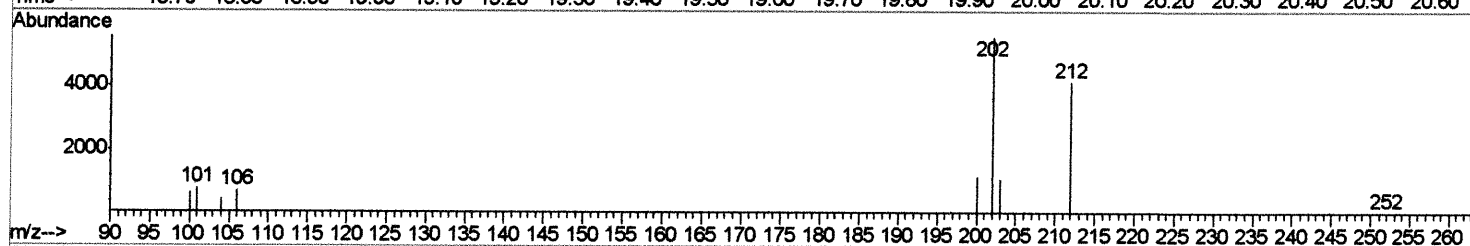
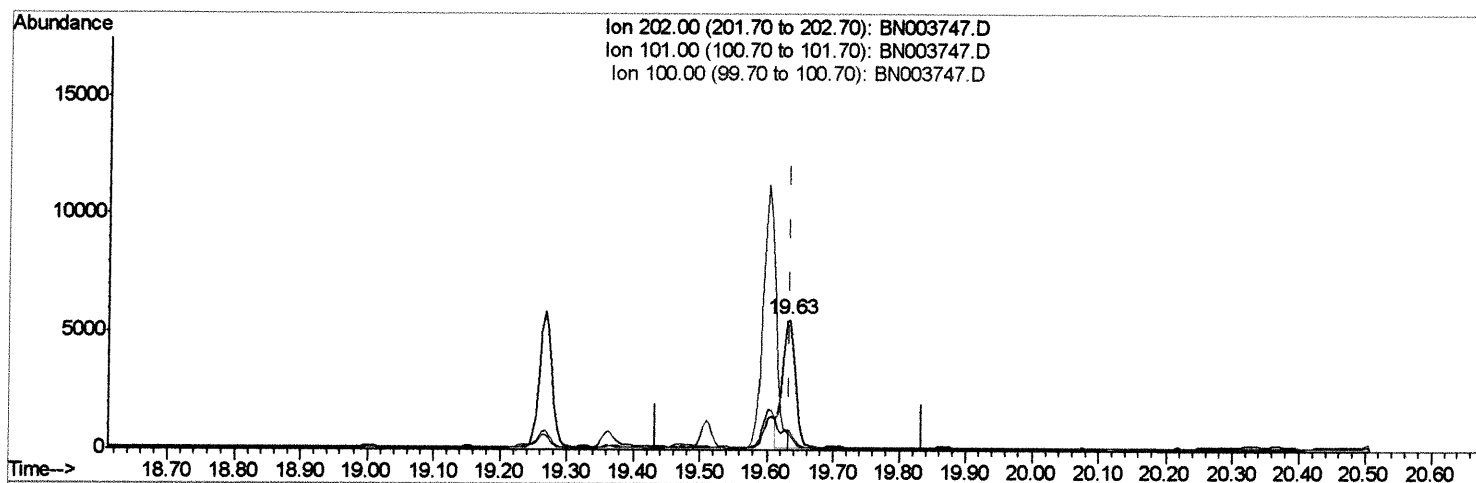
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:04 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(17) Pyrene

19.634min (+0.000) 0.09ng/ul m

response 7406

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	14.40
100.00	10.60	11.94
0.00	0.00	0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

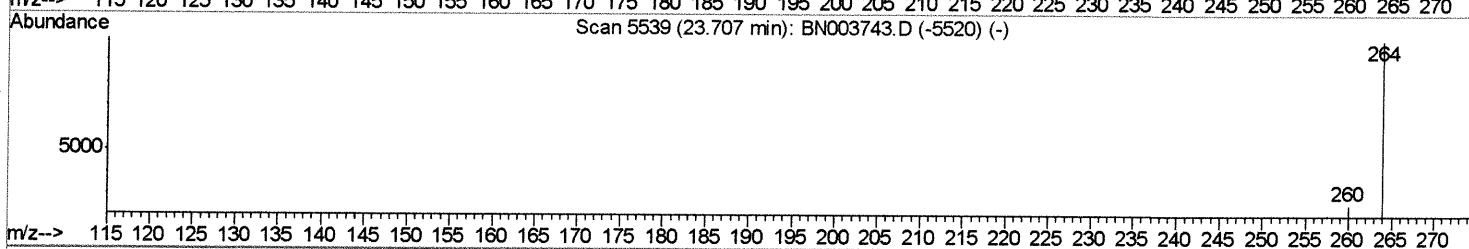
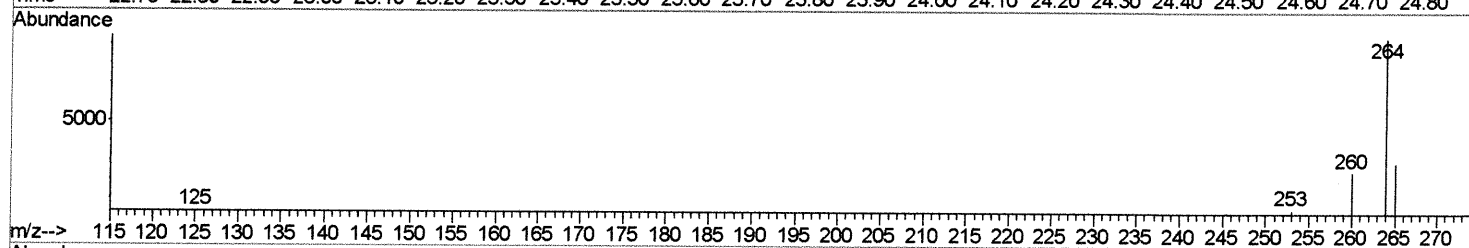
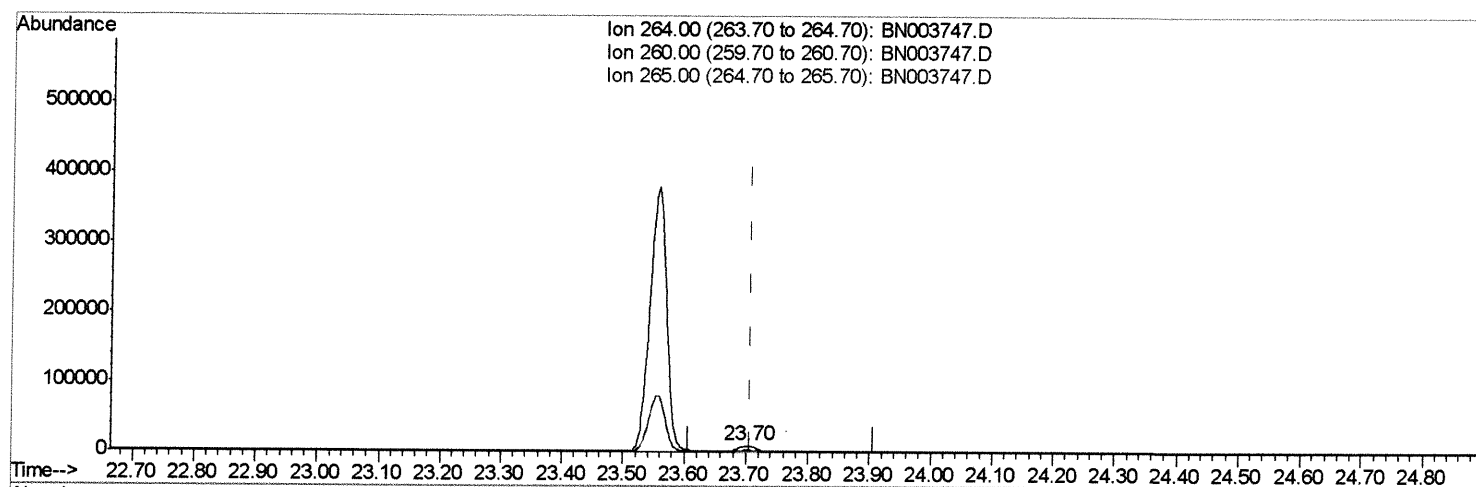
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:04 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(20) Perylene-d12 (I)

23.702min (-0.006) 0.40ng/ul

response 20466

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.00
265.00	33.50	30.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

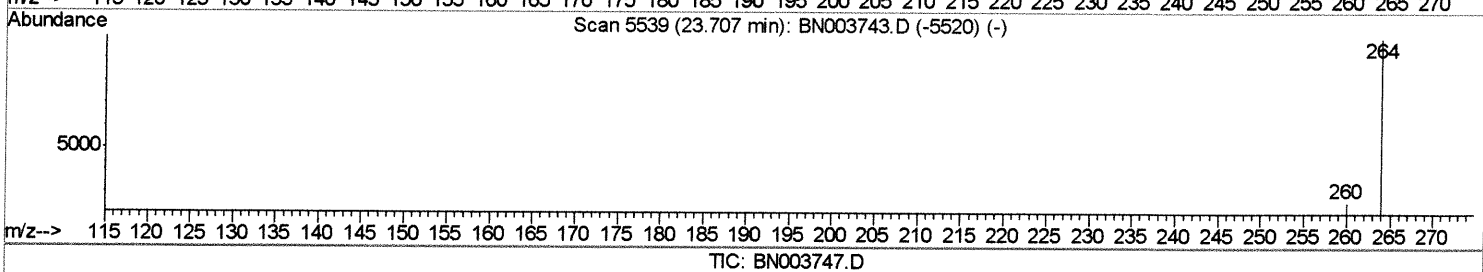
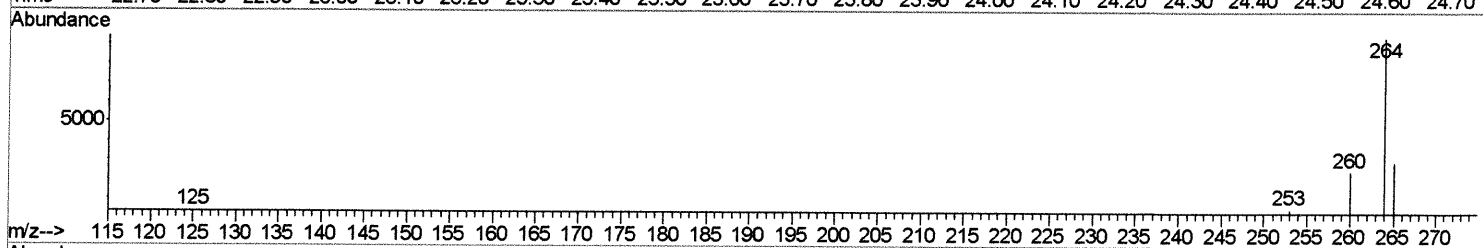
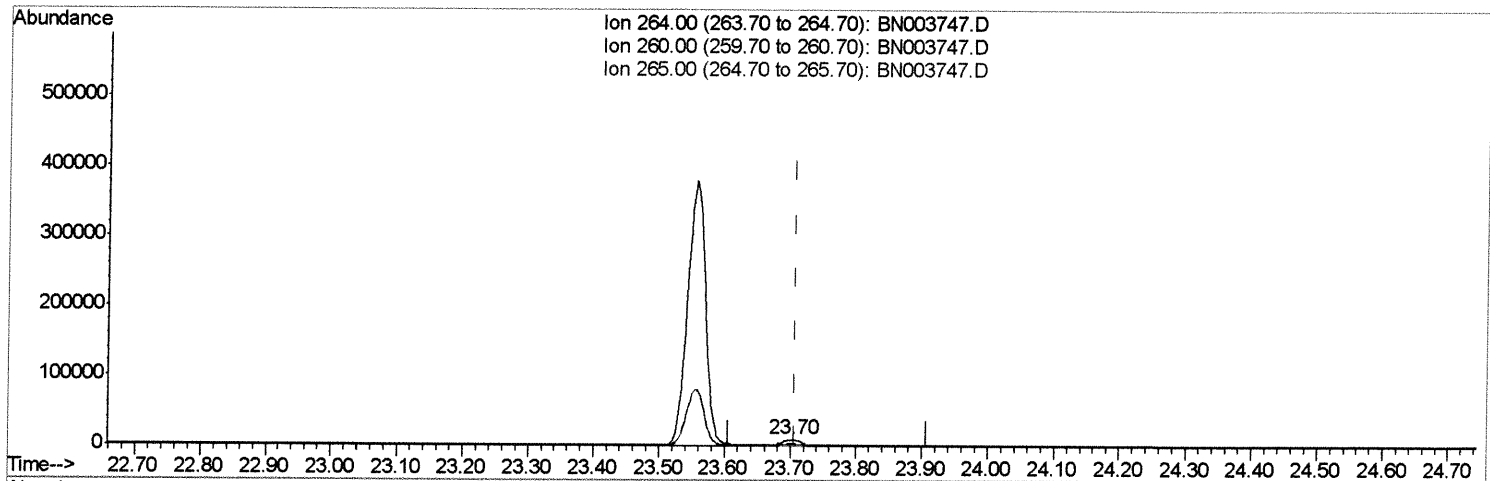
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:04 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(20) Perylene-d12 (I)

23.702min (-0.006) 0.40ng/ul m

response 17031

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.00
265.00	33.50	30.95
0.00	0.00	0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

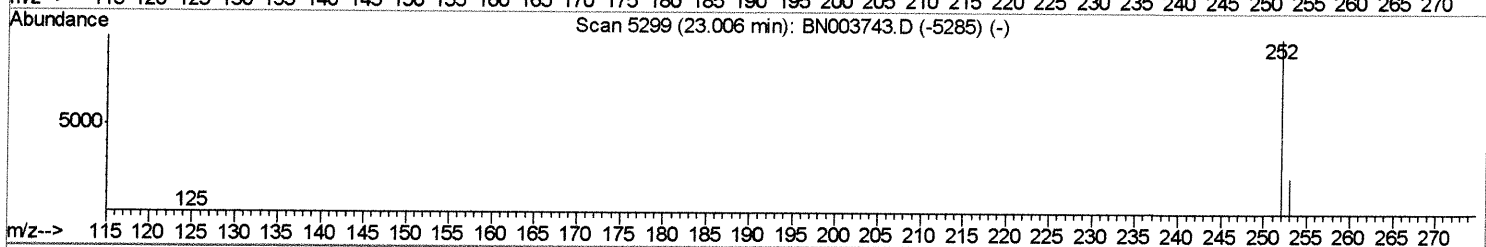
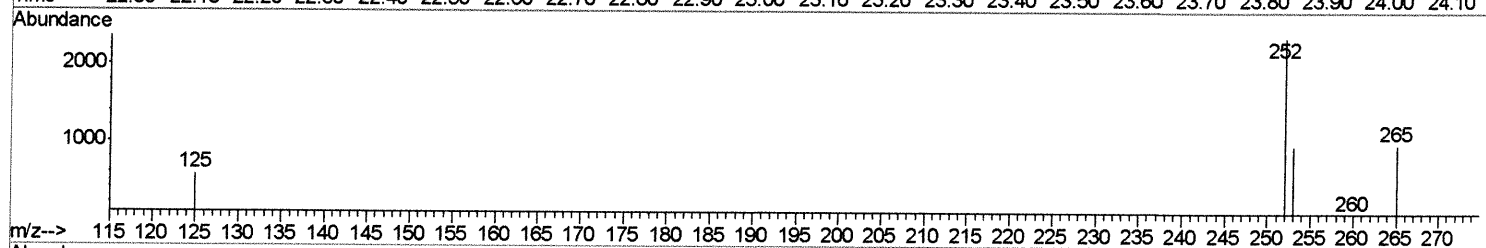
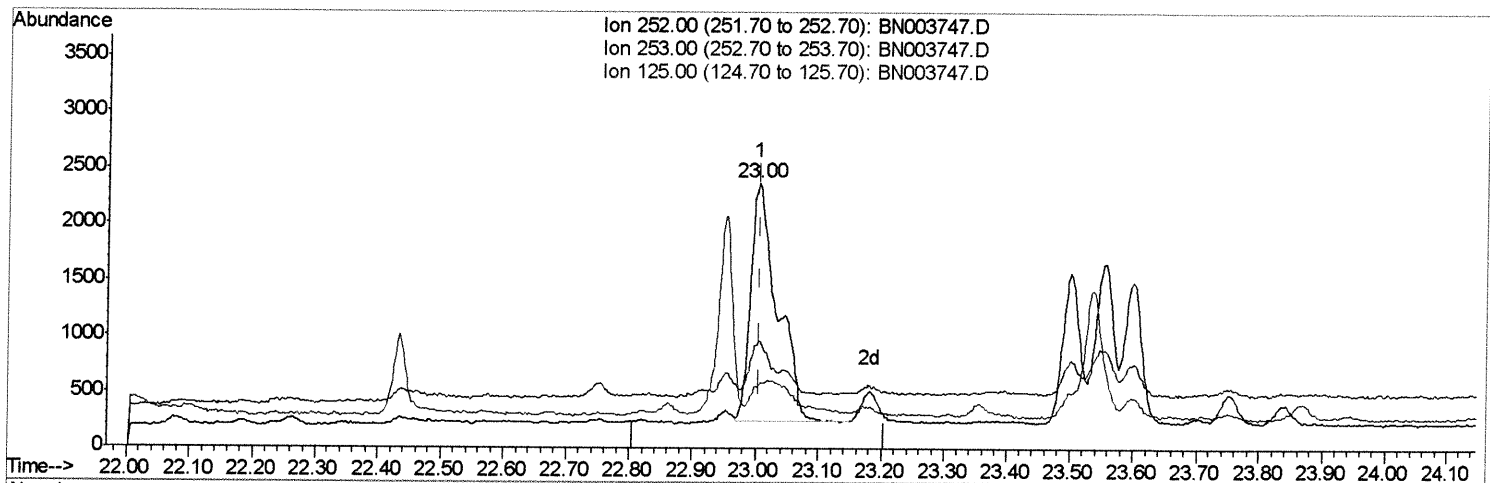
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:46 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(21) Benzo(b)fluoranthene

23.003min (-0.003) 0.09ng/ul

response 6183

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	40.50
125.00	11.20	23.82#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

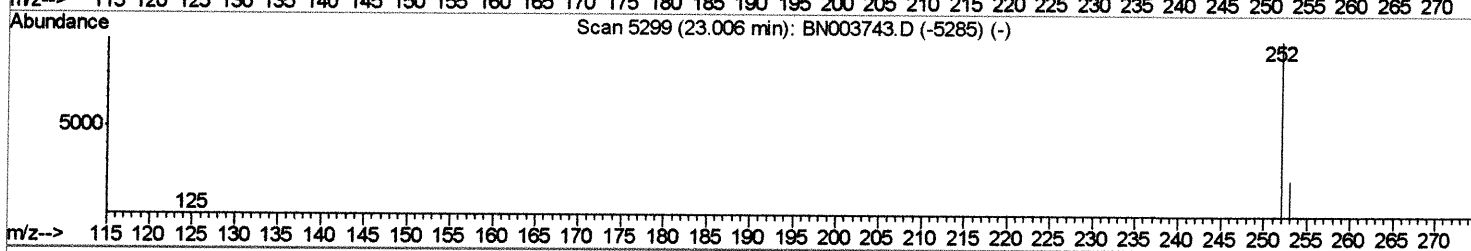
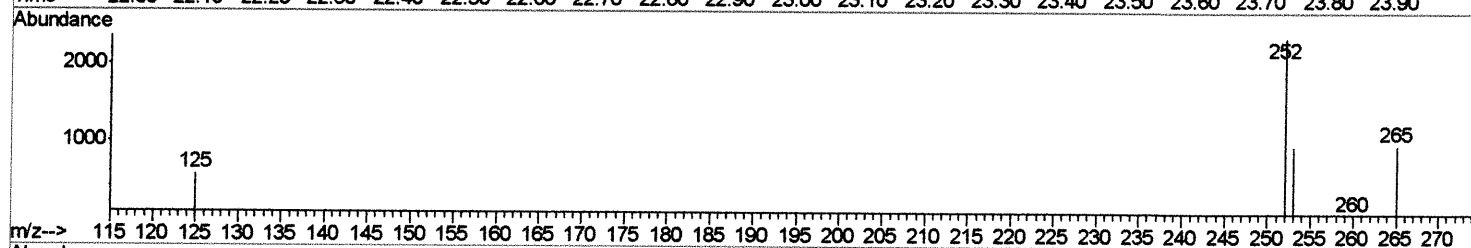
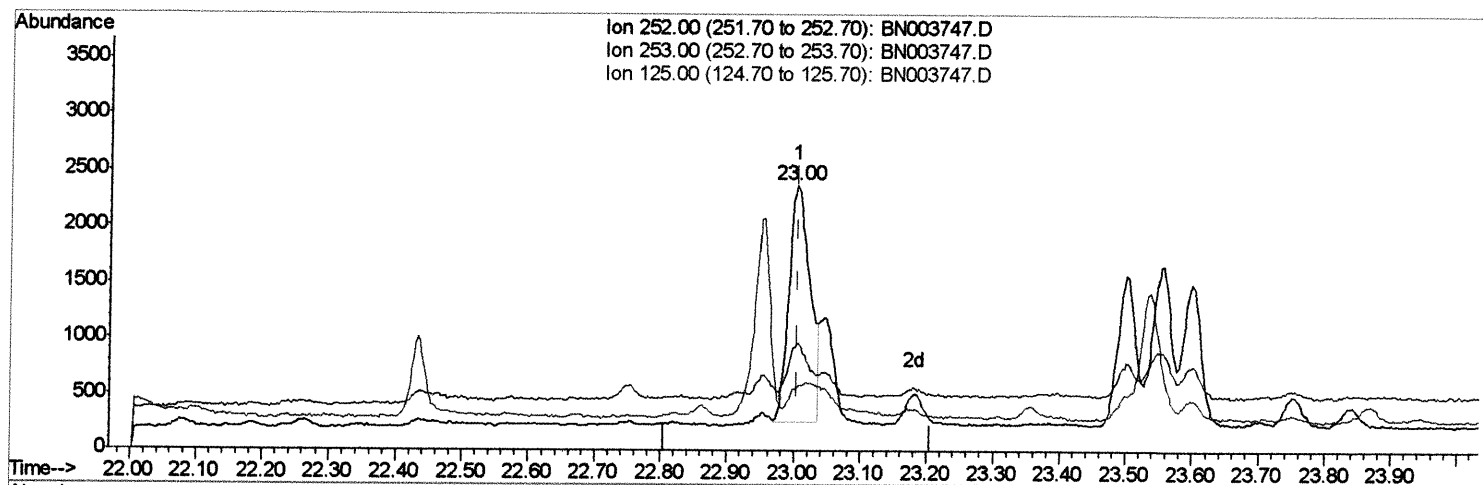
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:46 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(21) Benzo(b)fluoranthene

23.003min (-0.003) 0.07ng/ul m

response 4689

Ion Exp% Act%

252.00 100 100

253.00 23.00 40.50

125.00 11.20 23.82#

0.00 0.00 0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

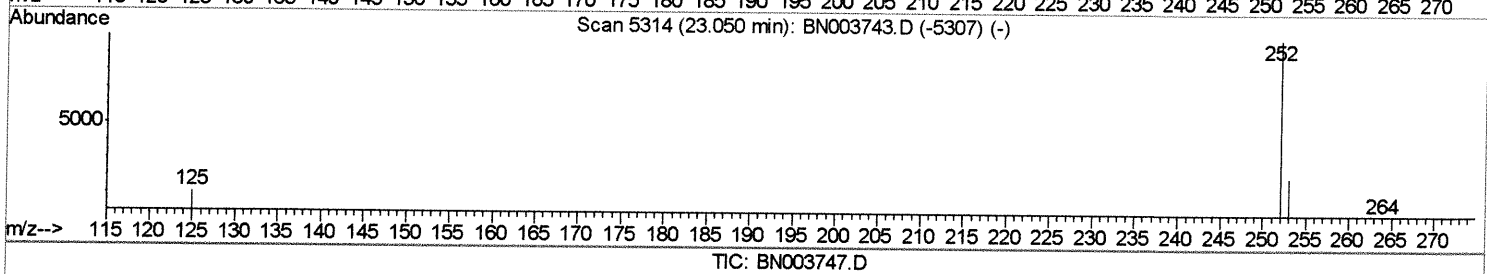
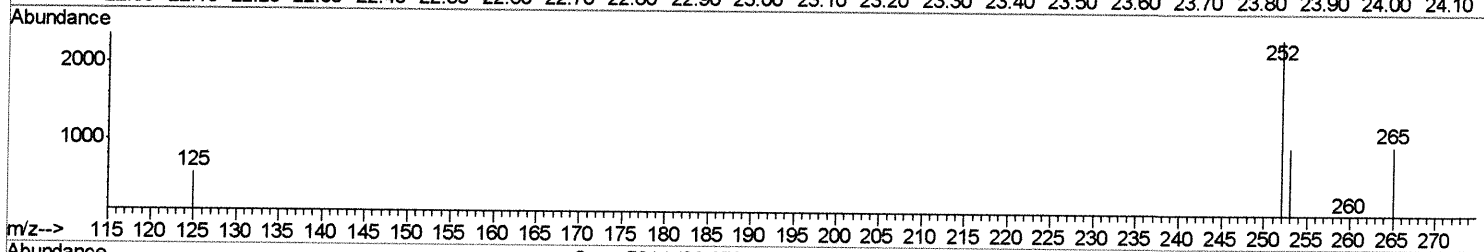
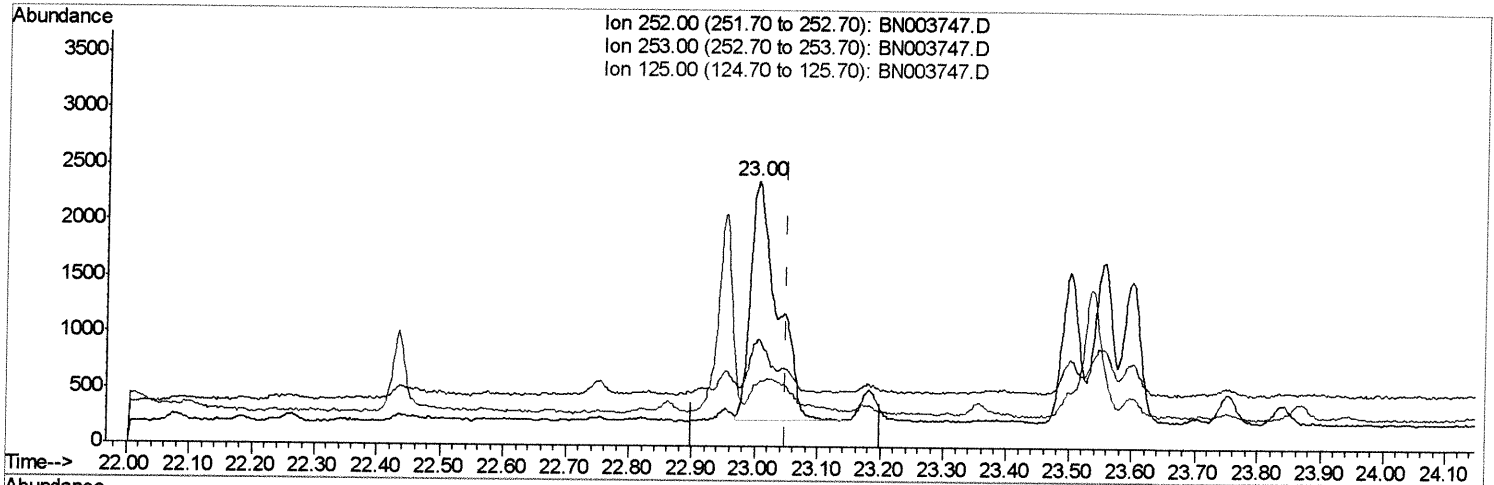
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:46 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
23.003min (-0.047) 0.09ng/ul
response 6210
Ion Exp% Act%
252.00 100 100
253.00 23.10 40.50#
125.00 11.30 23.82#
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
Quantitation Report (Qedit)

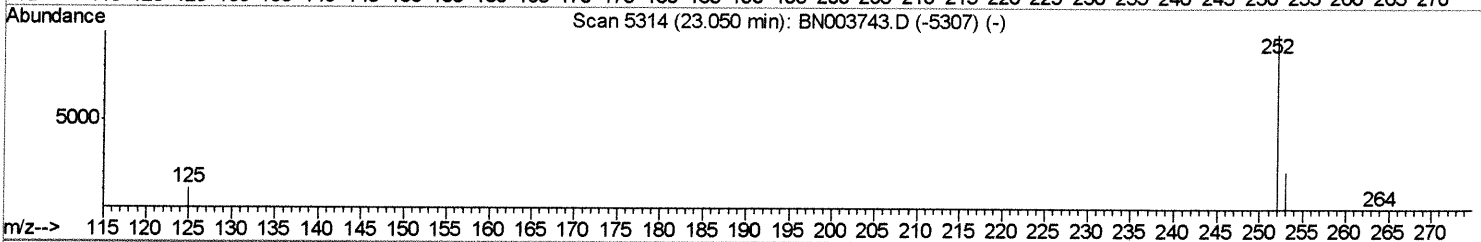
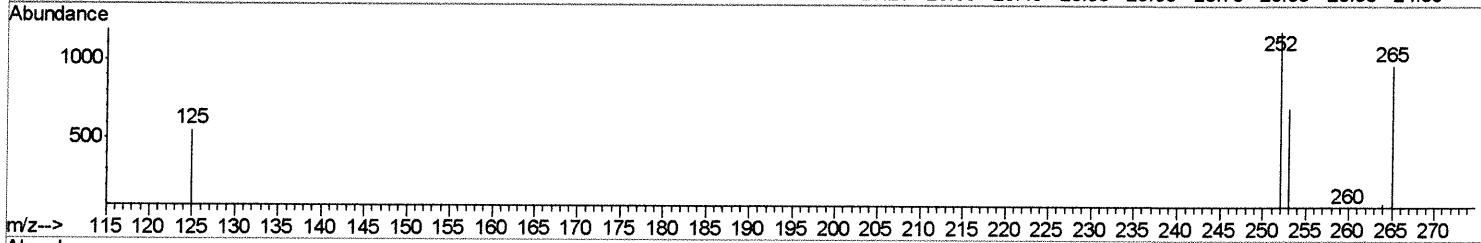
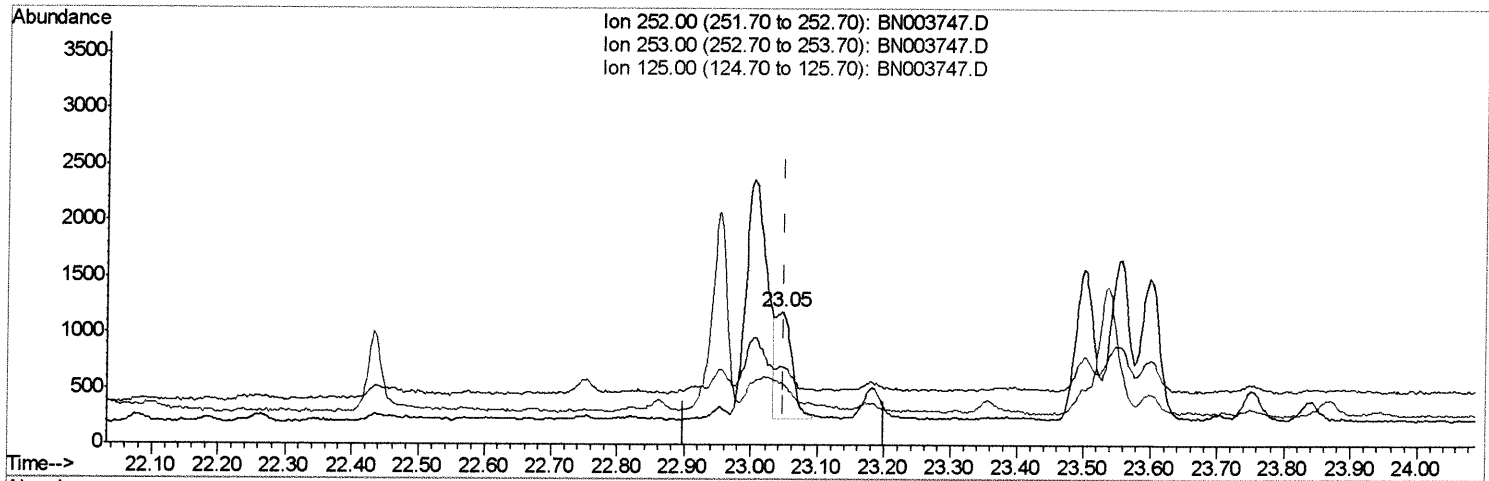
Data File : BN003747.D
Acq On : 07 Dec 2018 01:50
Operator : JU/SJ
Sample : J6227-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E80

Manual Integrations
APPROVED

mohammad
12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:43:46 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 : Fri Dec 07 04:08:50 2018
Response via : Initial Calibration



TIC: BN003747.D

(22) Benzo(k)fluoranthene

23.047min (-0.003) 0.02ng/ul m

response 1603

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	59.14#
125.00	11.30	46.42#
0.00	0.00	0.00

> SJ
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120618\
 Quantitation Report (QT Reviewed)
 Data File : BN003747.D
 Acq On : 07 Dec 2018 01:50
 Operator : JU/SJ
 Sample : J6227-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E80

Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:20:45 PM

Quant Time: Dec 07 04:44:28 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 : Fri Dec 07 04:08:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5780	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23721	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	27834m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	22548m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	17031m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6003	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	12702m	0.16	ng/ul	0.00
Target Compounds						
					Qvalue	
5) 2-Methylnaphthalene	12.29	142	1691	0.036	ng/ul	100
12) Phenanthrene	17.25	178	6437	0.070	ng/ul	95
15) Fluoranthene	19.27	202	7558m	0.070	ng/ul	
17) Pyrene	19.63	202	7406m	0.092	ng/ul	
18) Benzo(a)anthracene	21.38	228	3483	0.049	ng/ul#	90
19) Chrysene	21.43	228	5102	0.063	ng/ul#	93
21) Benzo(b)fluoranthene	23.00	252	4689m	0.067	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	1603m	0.023	ng/ul	
23) Benzo(a)pyrene	23.60	252	2288	0.038	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	26.05	276	1767	0.025	ng/ul#	99
26) Benzo(g,h,i)perylene	26.77	276	1716	0.028	ng/ul#	70

SJ
 12/11/18

SJ
 12/11/18

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