

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Quantitation Report (QT Reviewed)

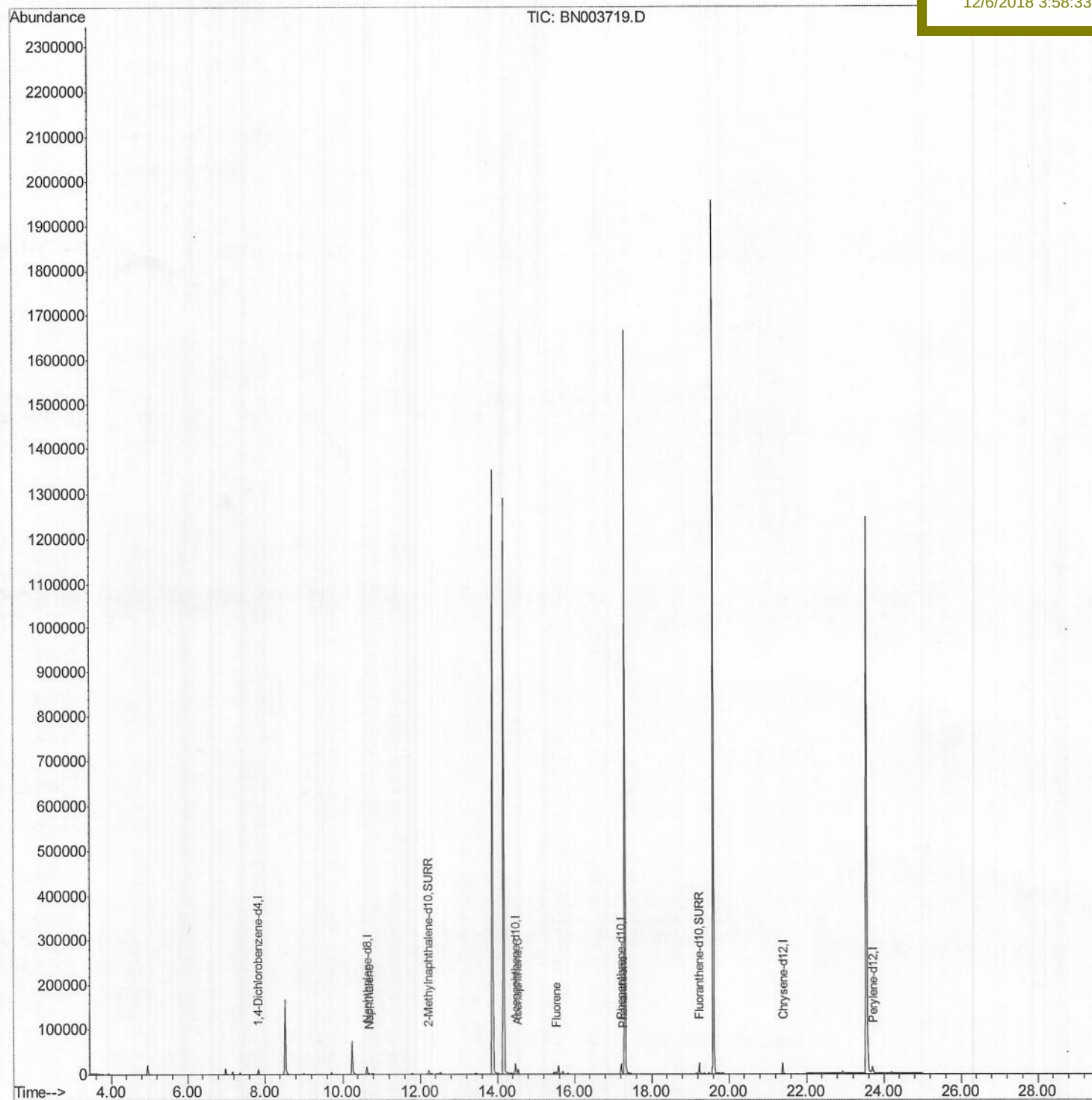
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 14 06:21:57 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

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

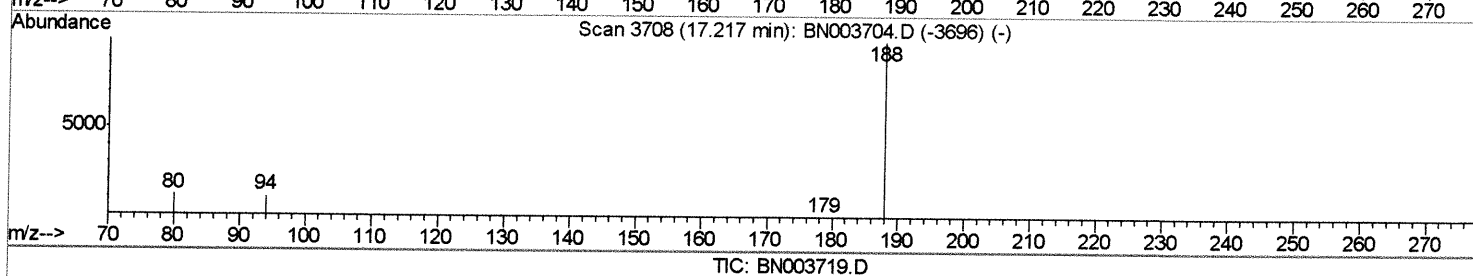
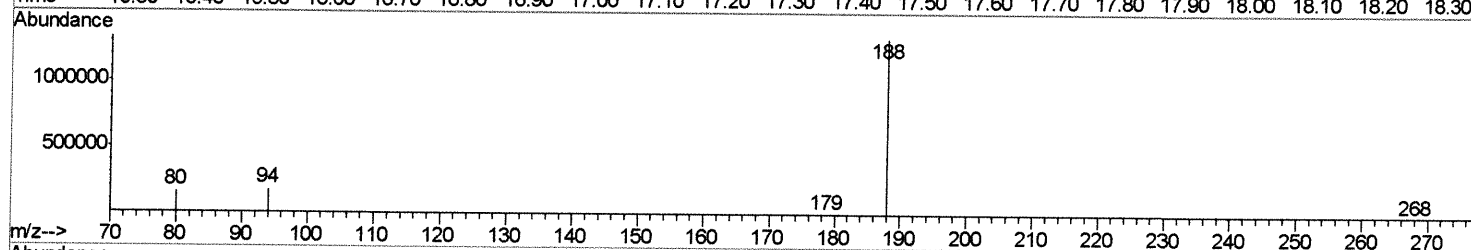
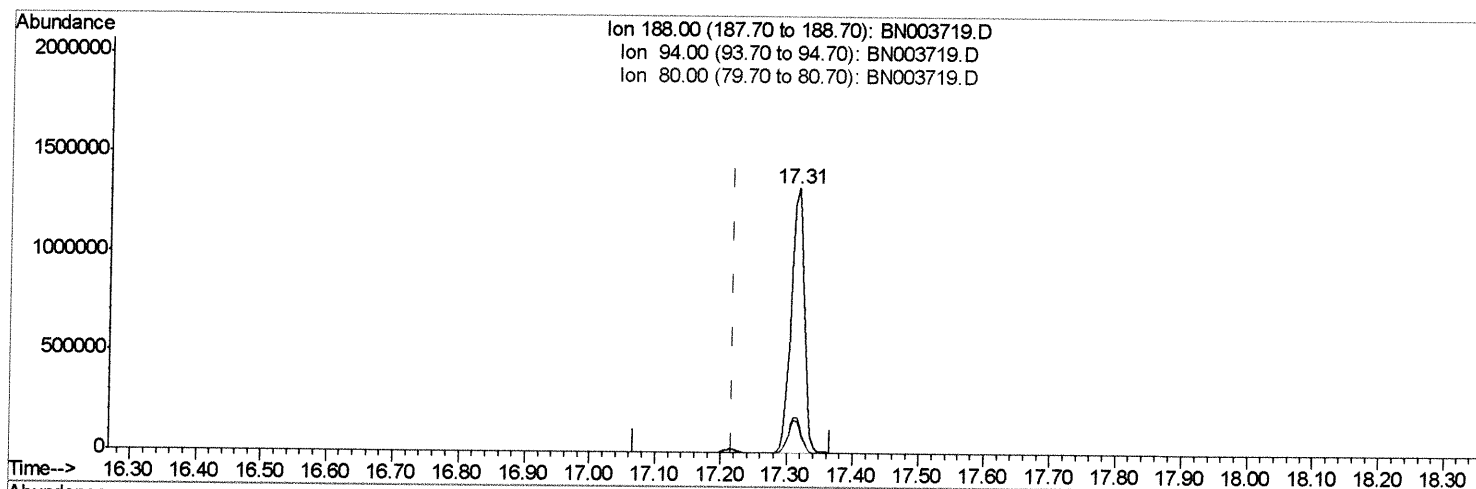
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 02:57:05 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



(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 1865317

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.15#
80.00	11.60	11.77
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

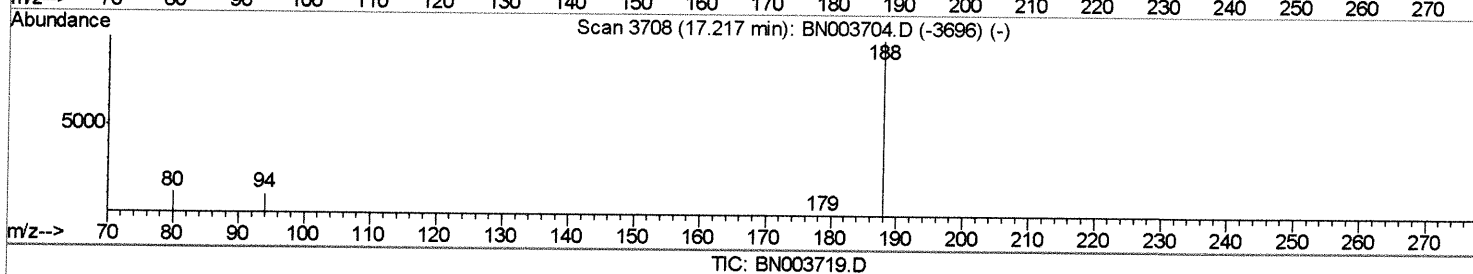
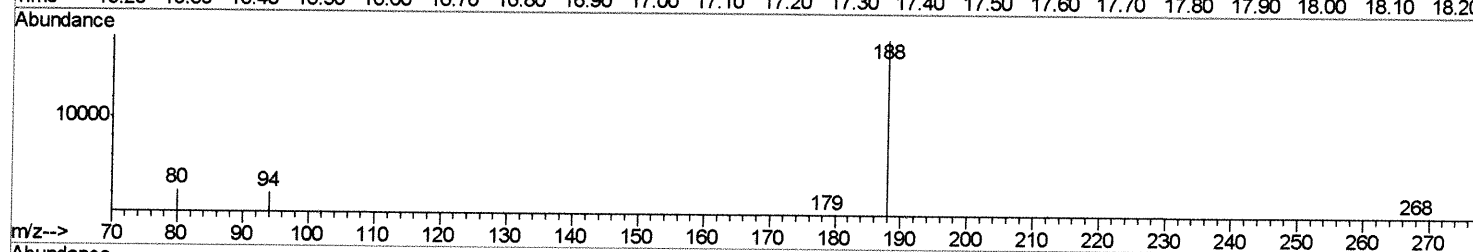
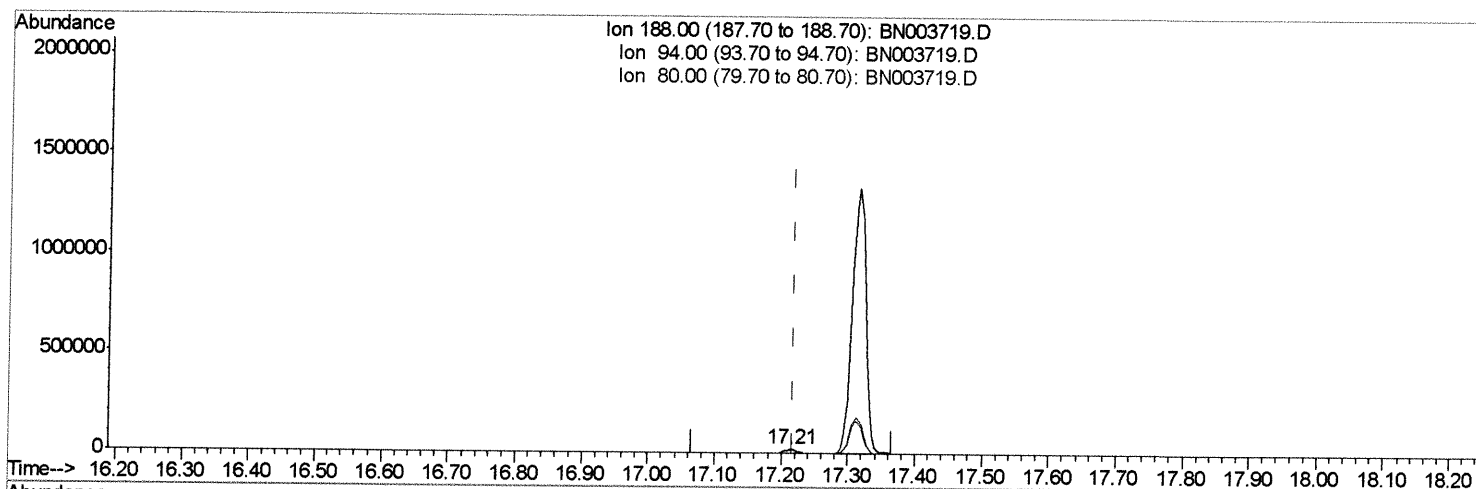
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 02:57:05 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



(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

SJ
12/11/18

response 24910

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.34
80.00	11.60	12.76
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

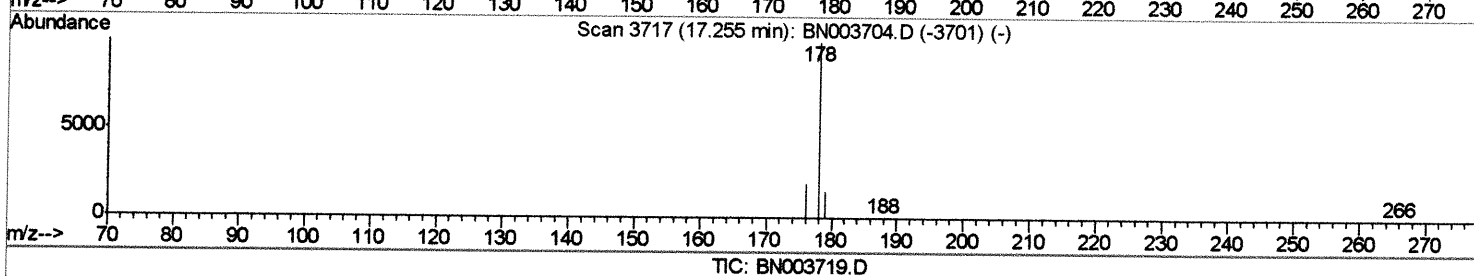
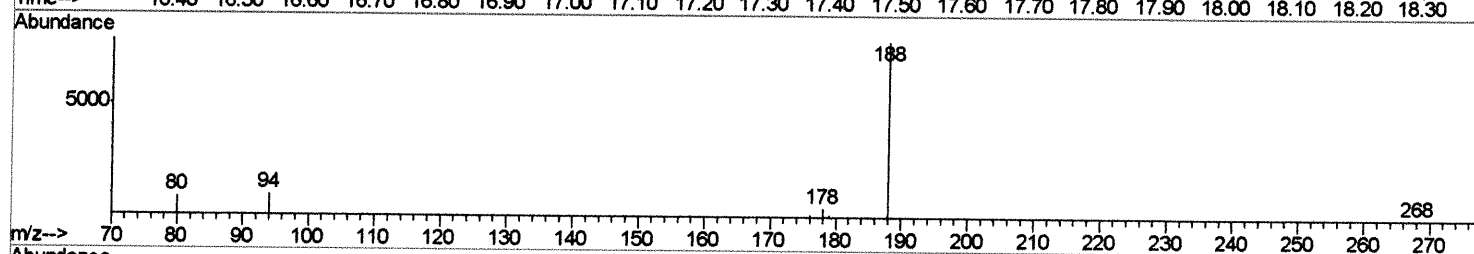
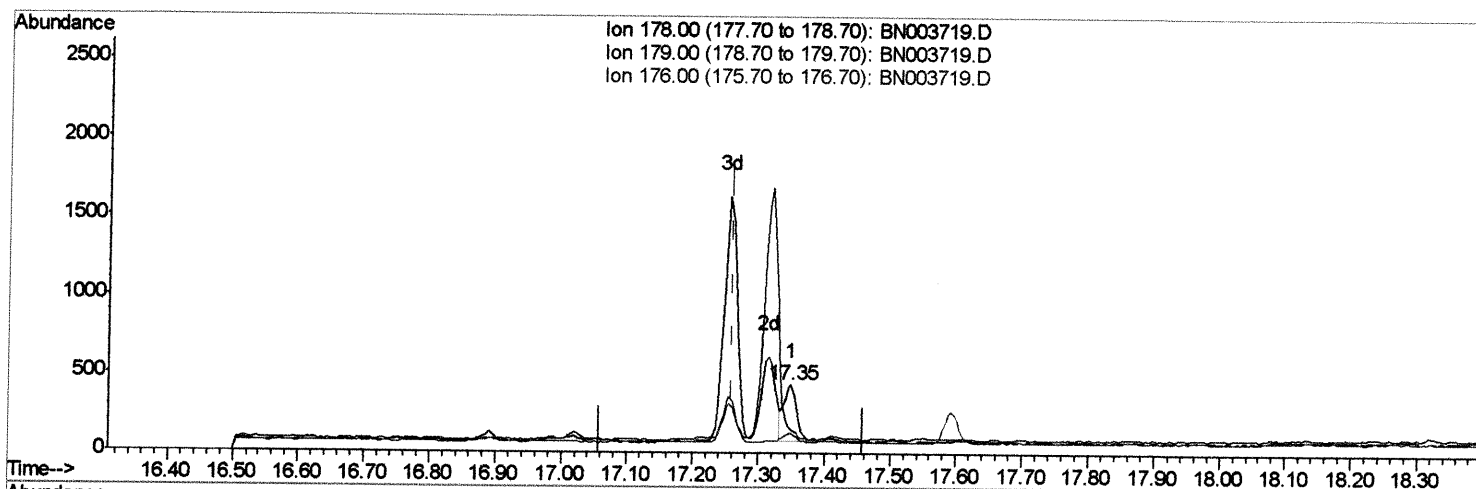
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:09:50 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



(12) Phenanthrene

17.348min (+0.089) 0.01ng/ul

response 486

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	34.55#
176.00	18.70	29.96#
0.00	0.00	0.00

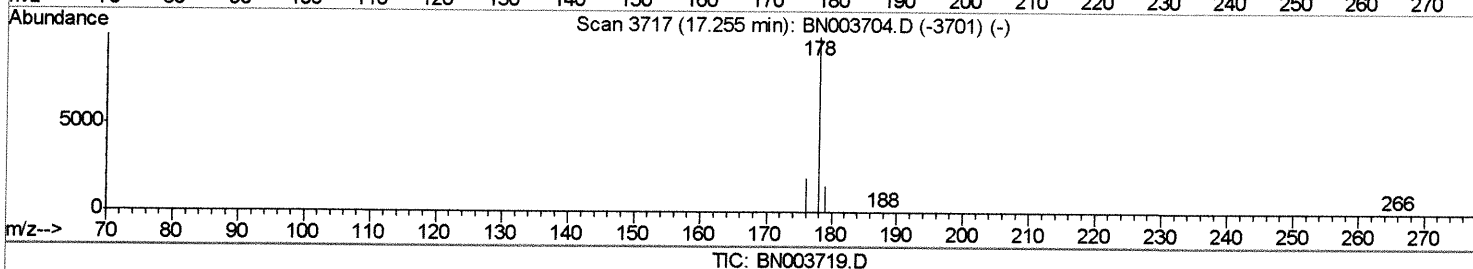
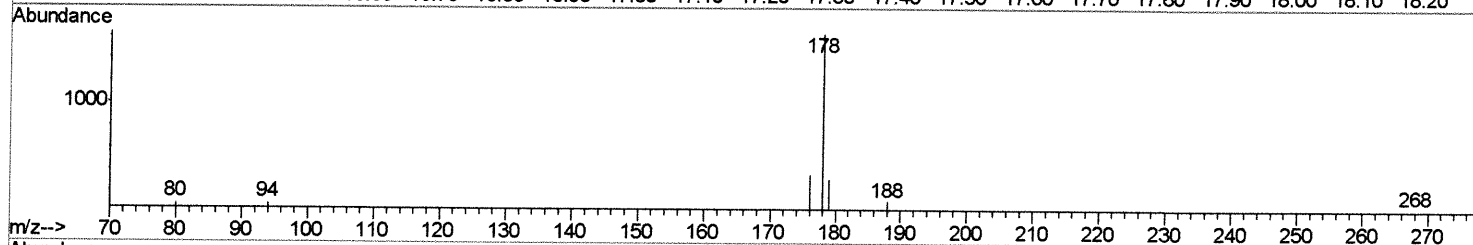
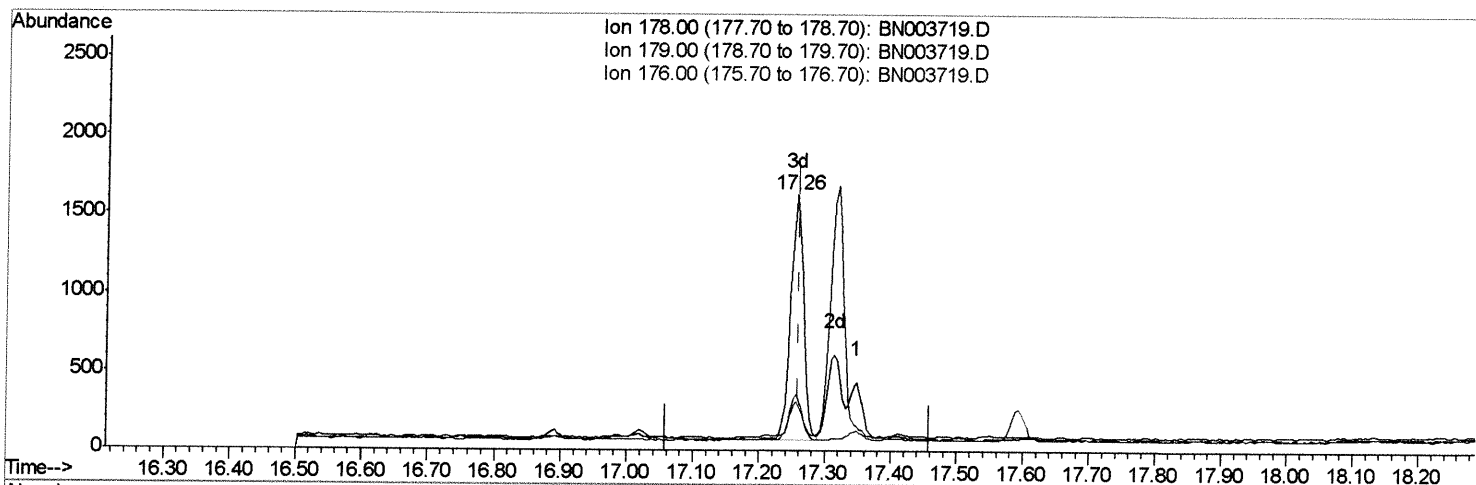
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
 Quantitation Report (Qedit)
 Data File : BN003719.D
 Acq On : 05 Dec 2018 20:10
 Operator : JU/SJ
 Sample : J6170-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9M08

Manual Integrations
 APPROVED

mohammad
 12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:09:50 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



(12) Phenanthrene

17.255min (-0.004) 0.03ng/ul m

response 2133

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	19.35#
176.00	18.70	21.92
0.00	0.00	0.00

SS
 12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

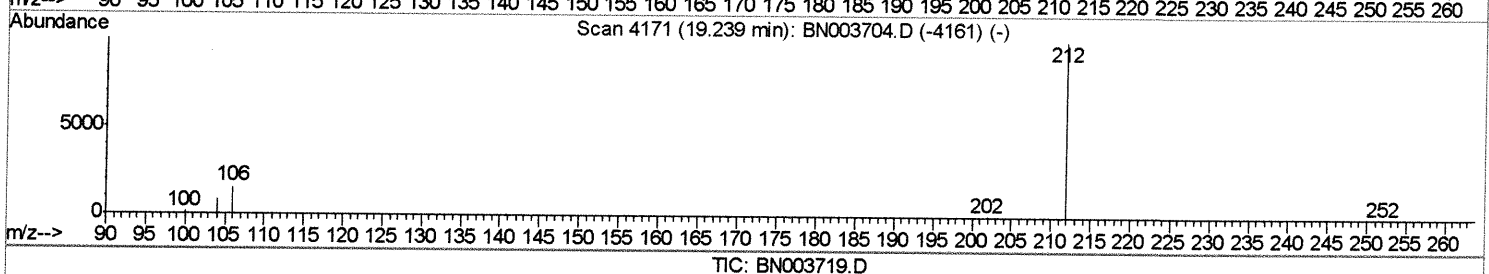
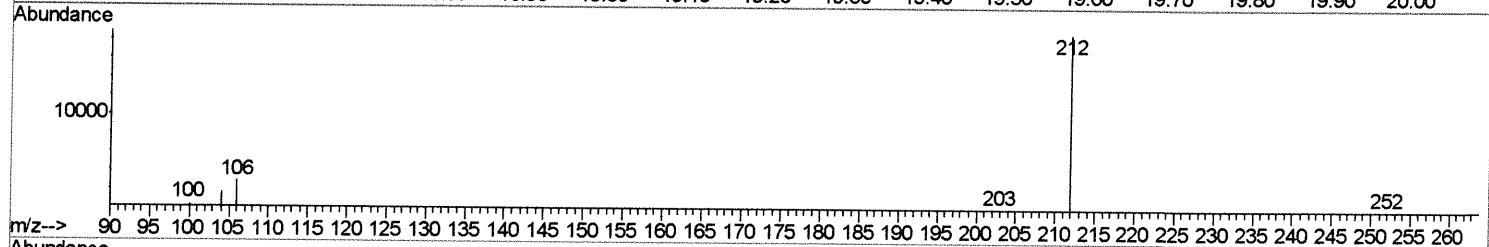
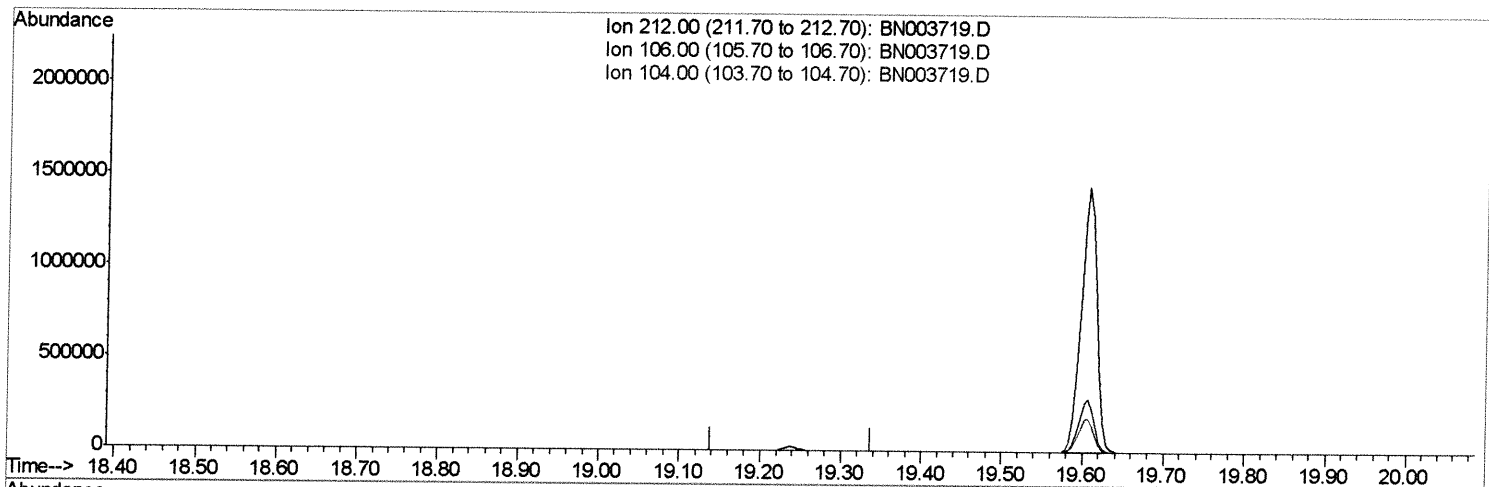
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:09:50 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 (SURRE)

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\BN120518\
Quantitation Report (Qedit)

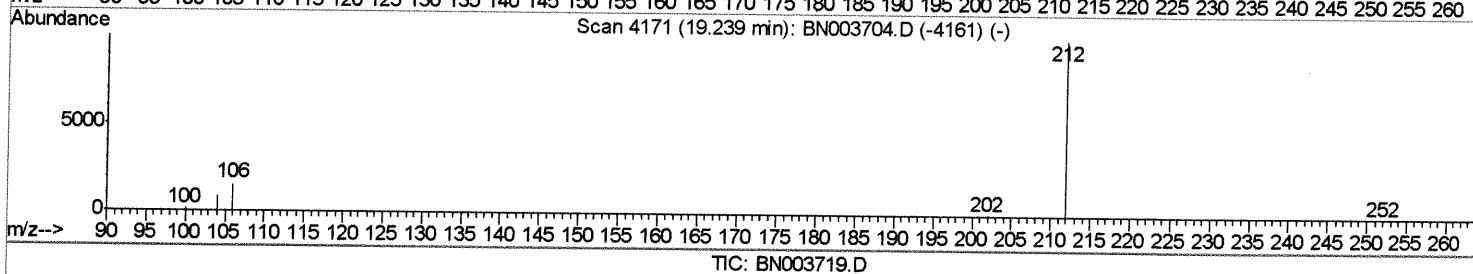
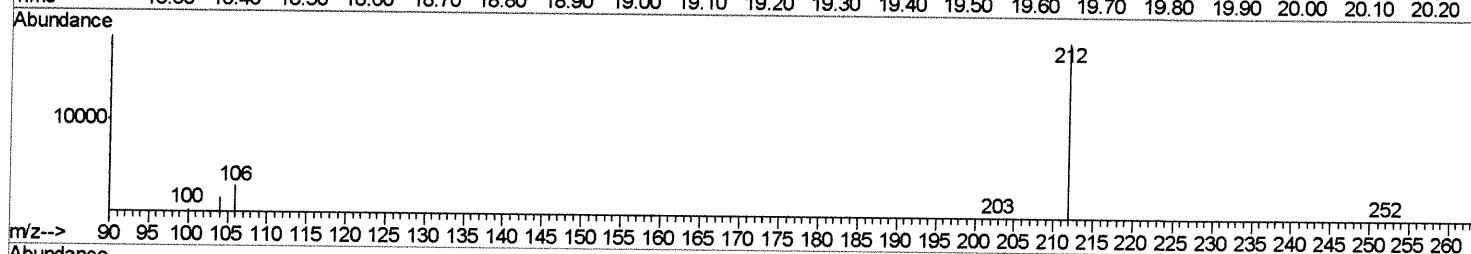
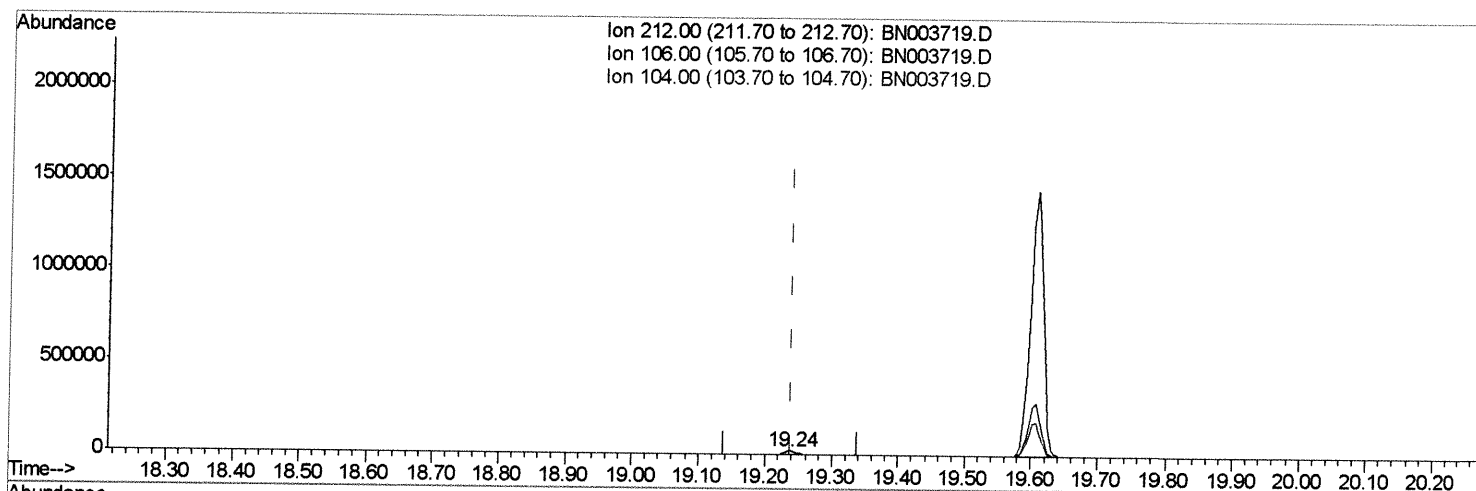
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:09:50 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) 0.34ng/ul m

response 24529

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

ST
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

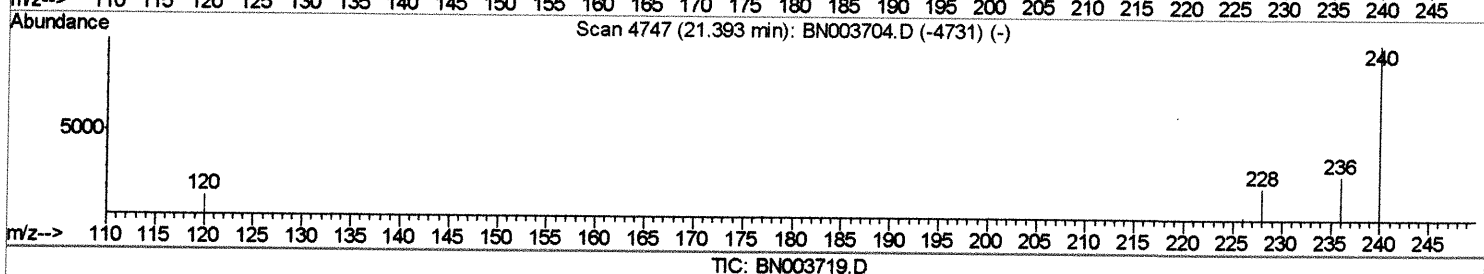
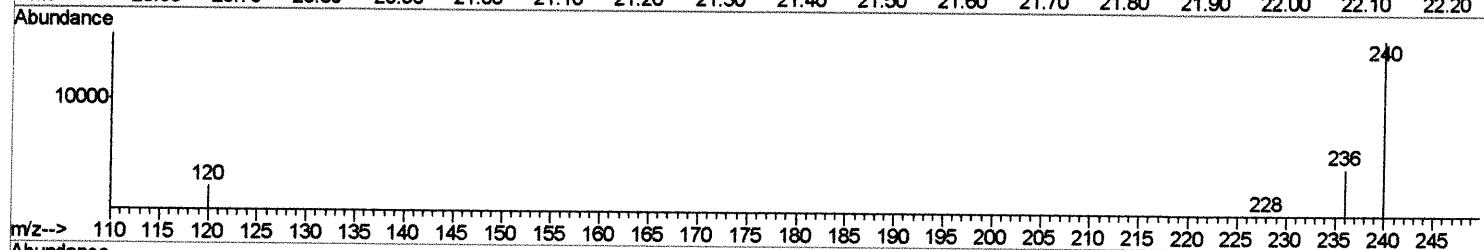
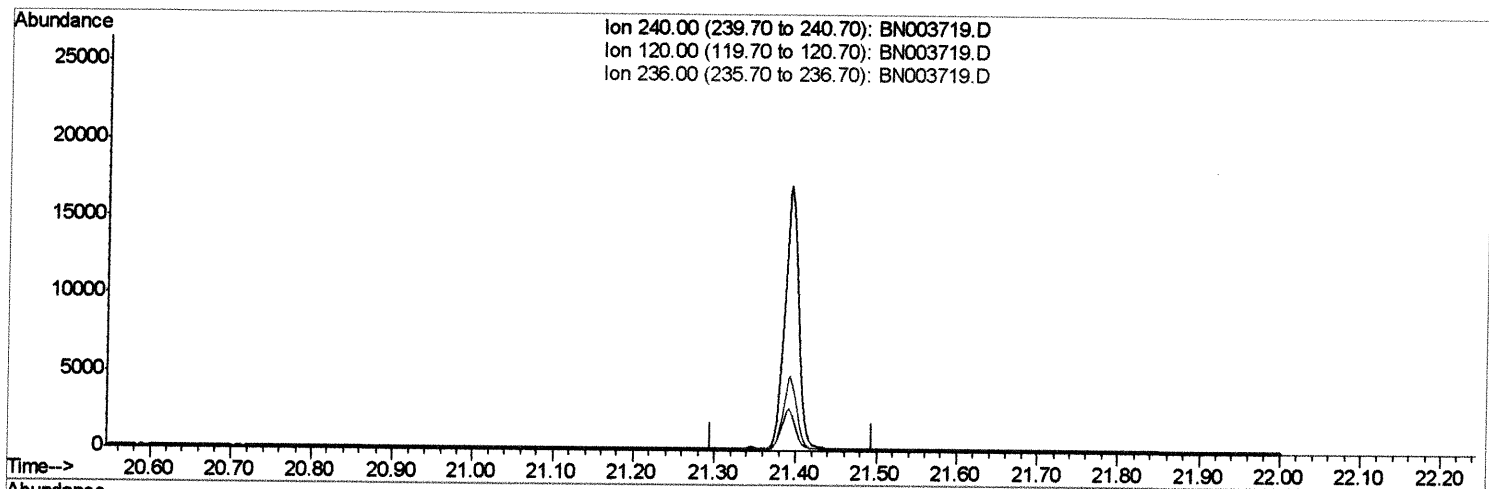
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:09:50 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: BN003719.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

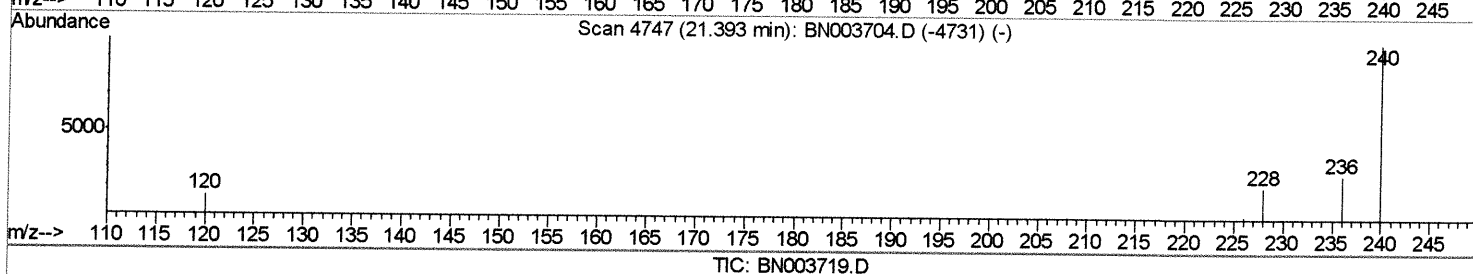
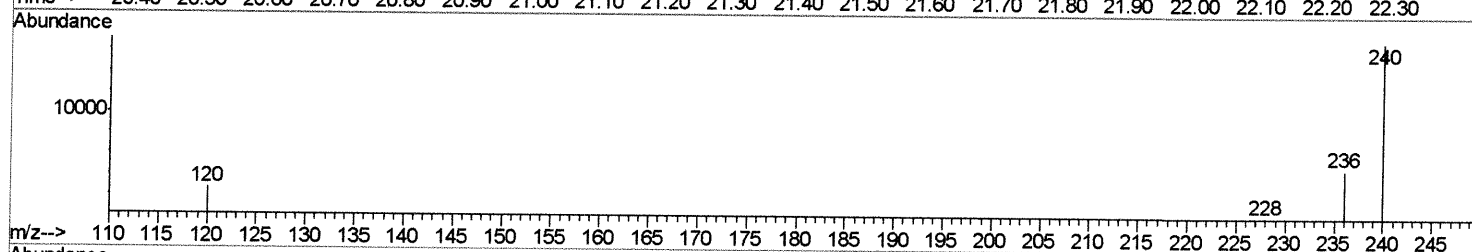
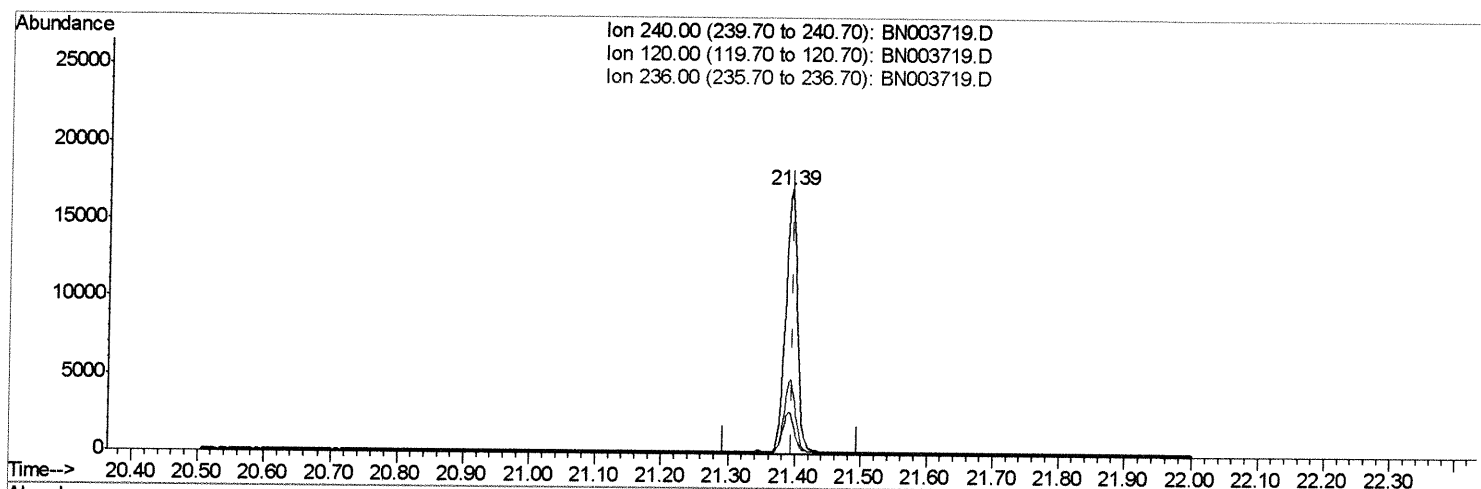
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:09:50 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: BN003719.D

(16) Chrysene-d12 (I)

21.393min (-0.003) 0.40ng/ul m

response 21200

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.37
236.00	27.60	28.14
0.00	0.00	0.00

ST
12/11/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

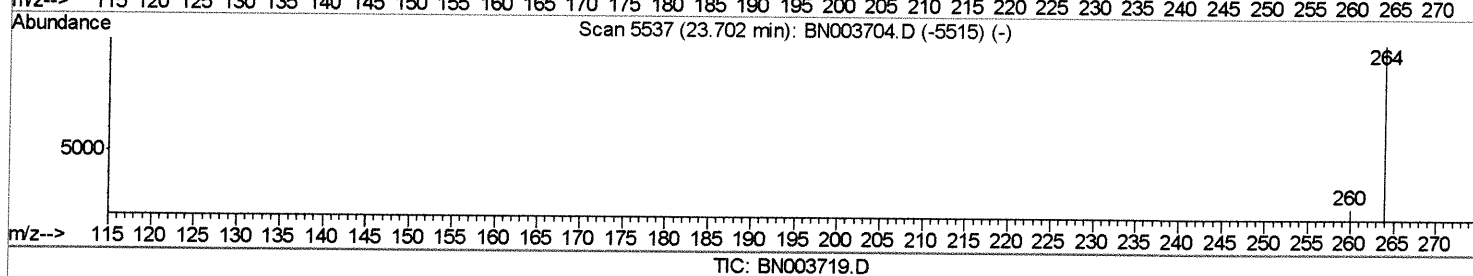
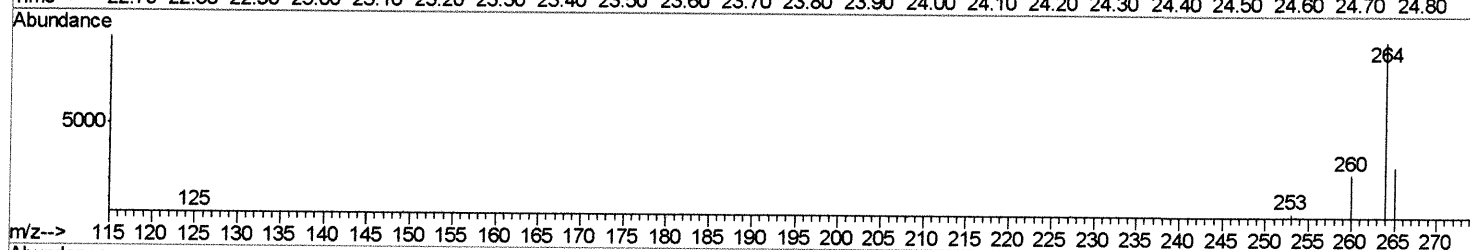
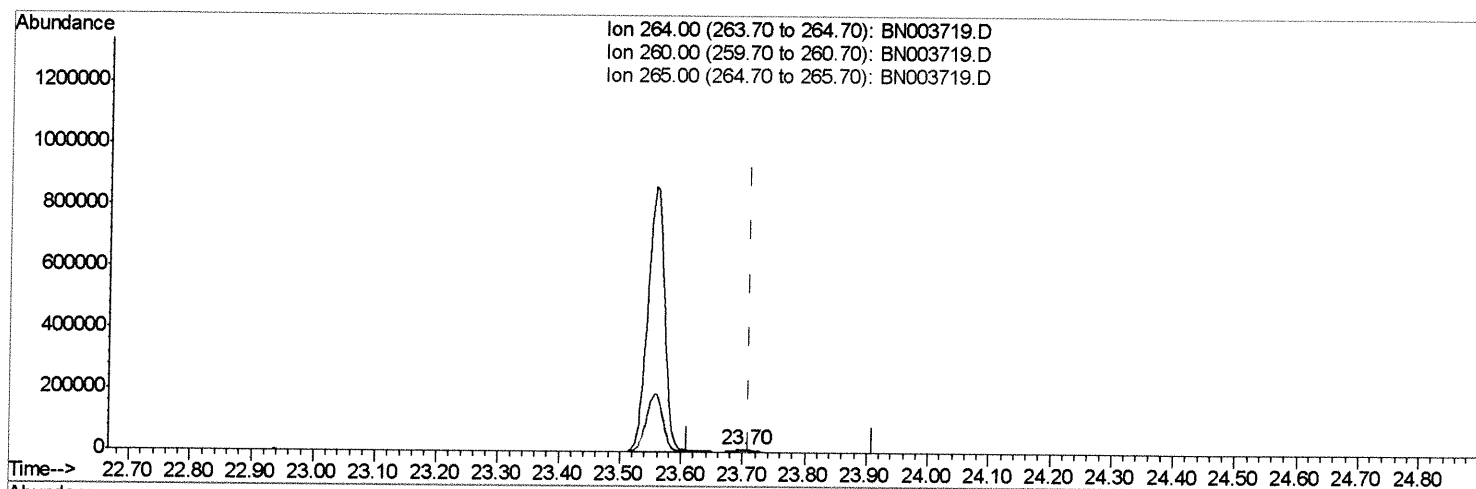
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:10:59 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: BN003719.D

(20) Perylene-d12 (I)

23.702min (-0.009) 0.40ng/ul

response 22209

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.16
265.00	33.50	30.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120518\
Quantitation Report (Qedit)

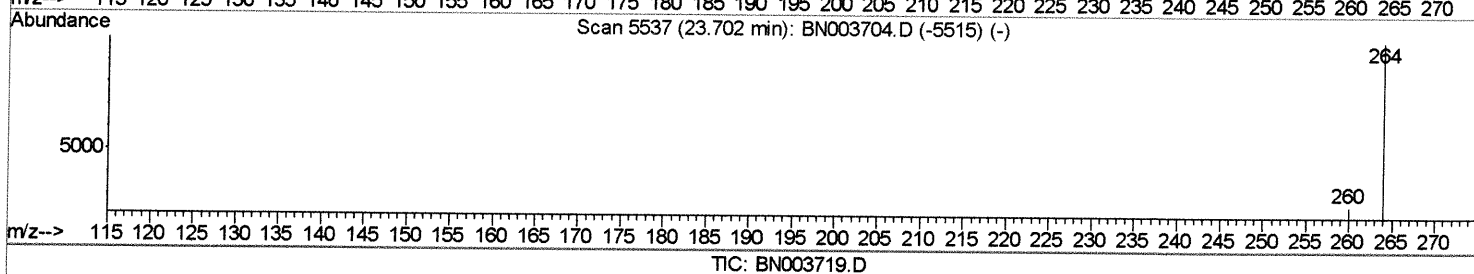
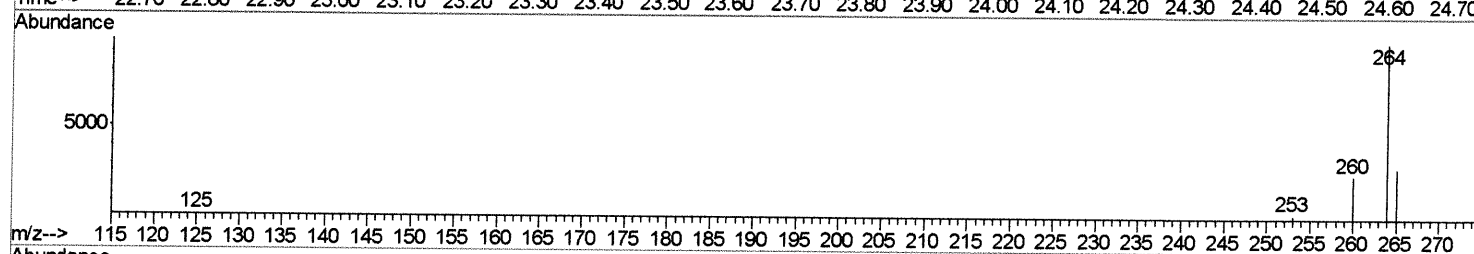
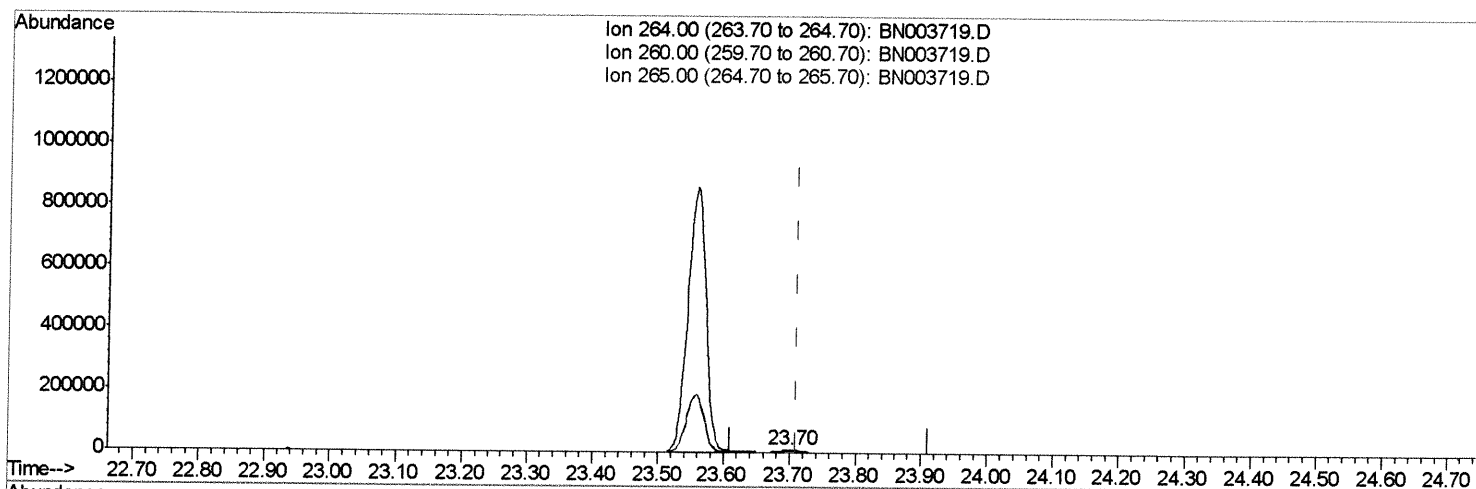
Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Quant Time: Dec 06 03:10:59 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: BN003719.D

(20) Perylene-d12 (I)

23.702min (-0.009) 0.40ng/ul m >

response 16365

Ion	Exp%	Act%
264.00	100	100
260.00	26.20	26.16
265.00	33.50	30.45
0.00	0.00	0.00

SS
12/11/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Quantitation Report (QT Reviewed)

Data File : BN003719.D
Acq On : 05 Dec 2018 20:10
Operator : JU/SJ
Sample : J6170-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M08

Quant Time: Dec 14 06:21:57 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

Manual Integrations
APPROVED

mohammad
12/6/2018 3:58:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5043	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20885	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11953	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	24910m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	21200m	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	16365m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10551	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	24529m	0.34	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.68	128	1512	0.026	ng/ul#	86
8) Acenaphthene	14.53	153	5987	0.127	ng/ul	100
9) Fluorene	15.52	166	2795	0.051	ng/ul	99
12) Phenanthrene	17.26	178	2133m	0.026	ng/ul	

SJ
12/11/18

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