

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\

Quantitation Report (QT Reviewed)

Data File : BN005678.D

Acq On : 14 May 2019 06:37

Operator : JU/SJ

Sample : K2692-19

Misc :

ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

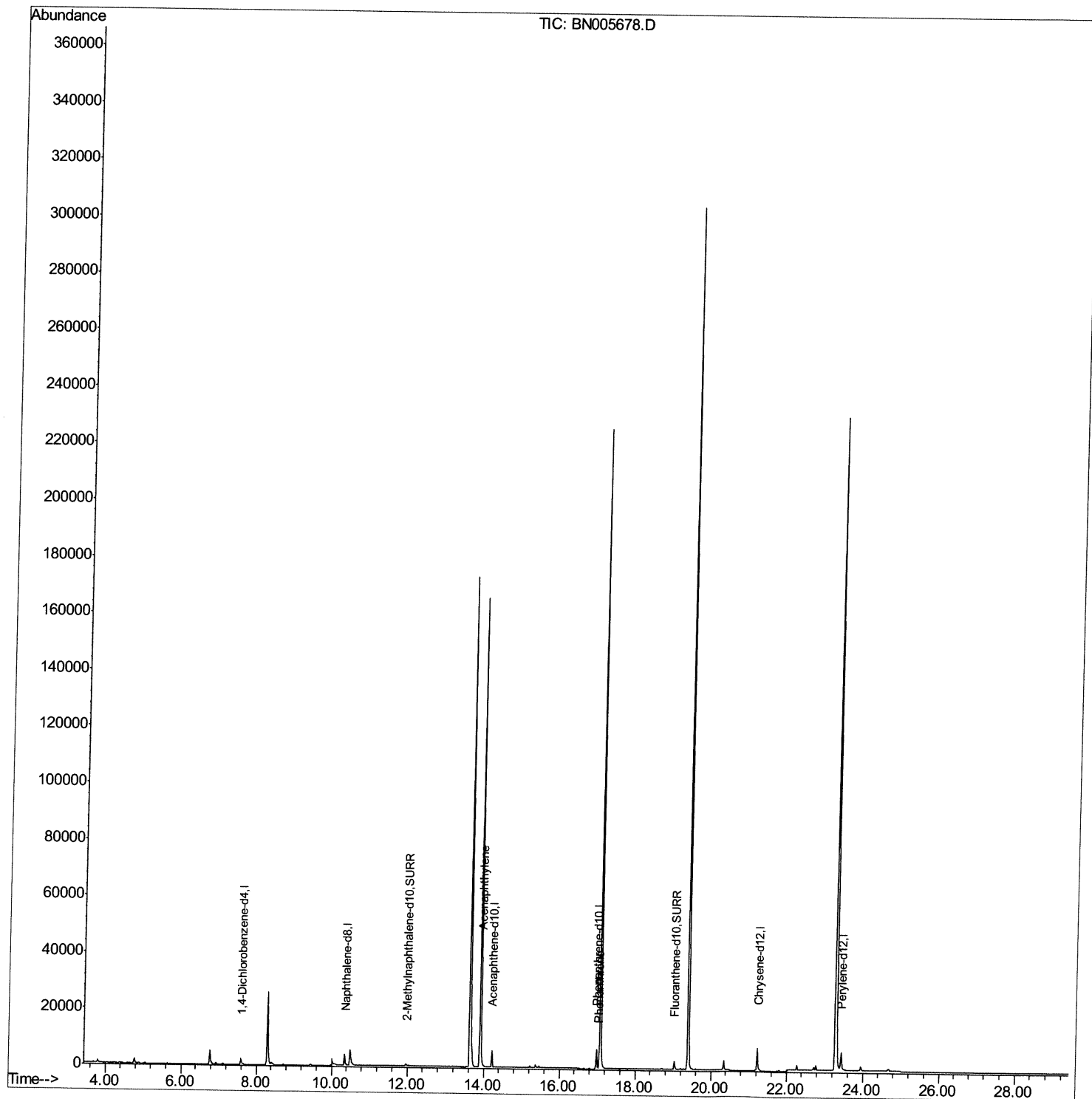
Quant Time: May 14 07:50:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 14 07:15:06 2019

Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

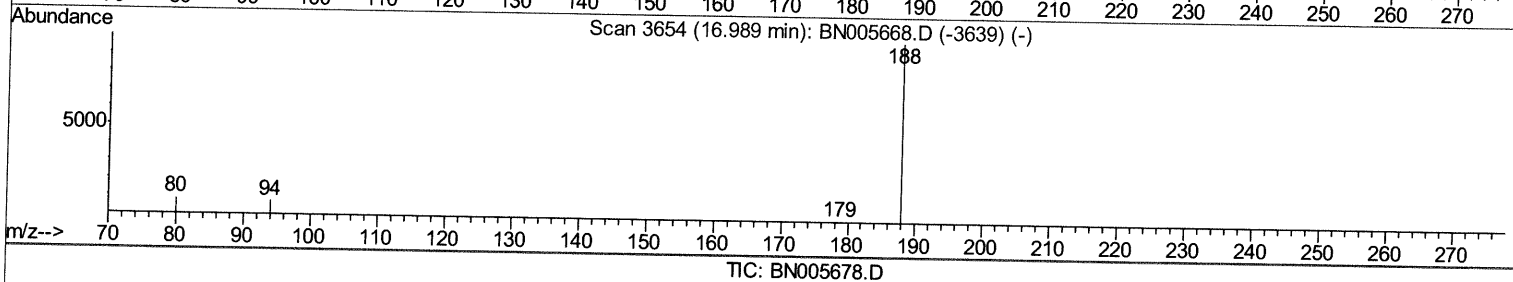
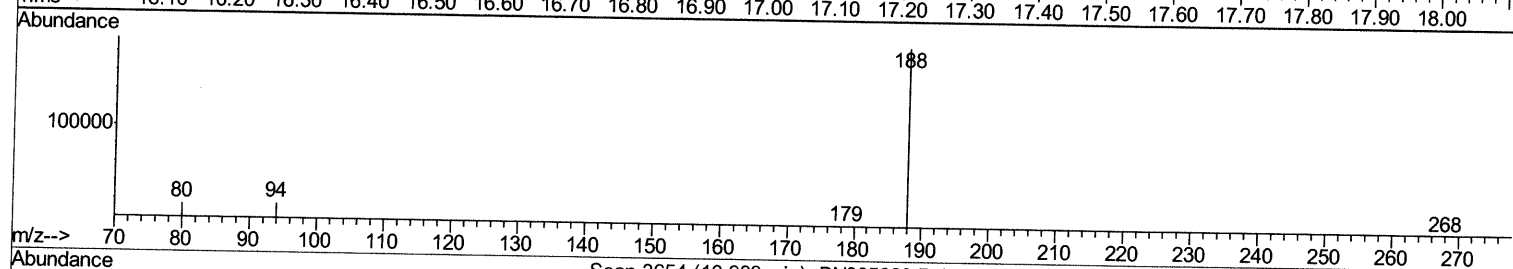
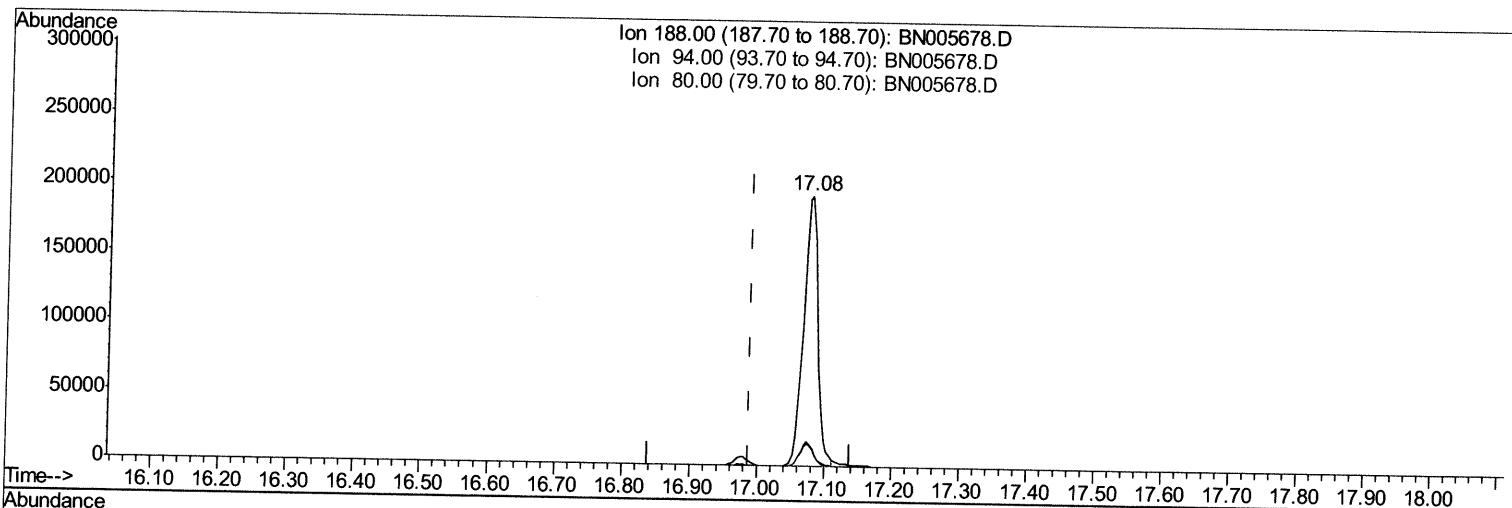
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:18:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.078min (+0.088) 0.40ng/ul

response 291632

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.42
80.00	9.80	7.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

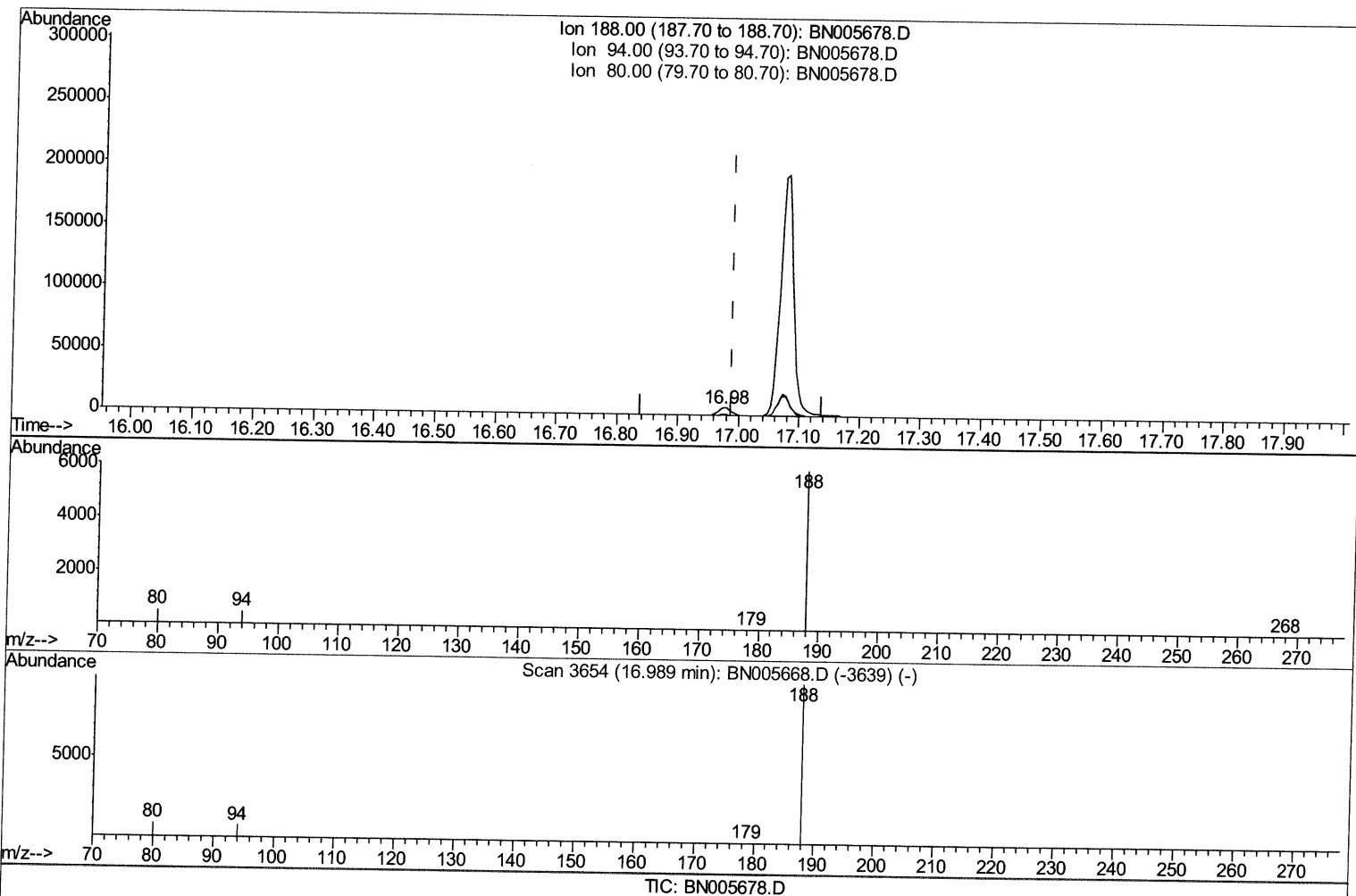
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:18:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.976min (-0.013) 0.40ng/ul m ⁵⁰05/24/19

response 8627

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.55
80.00	9.80	8.99
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

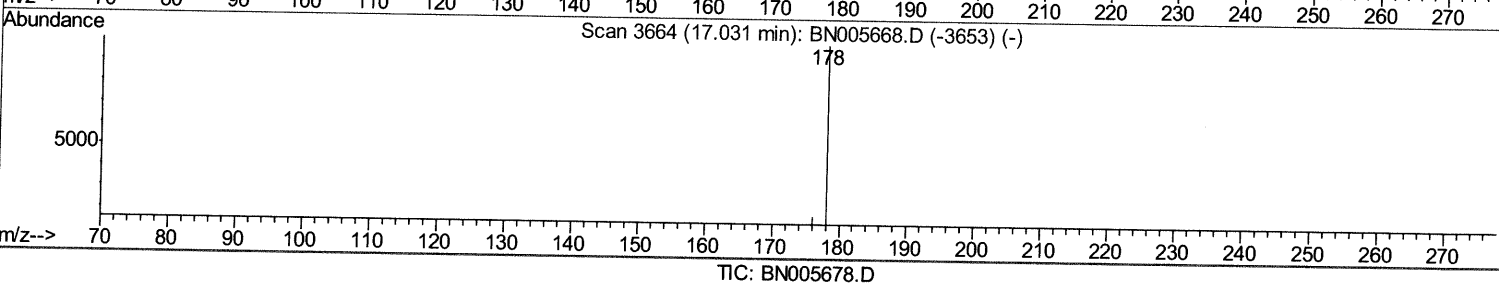
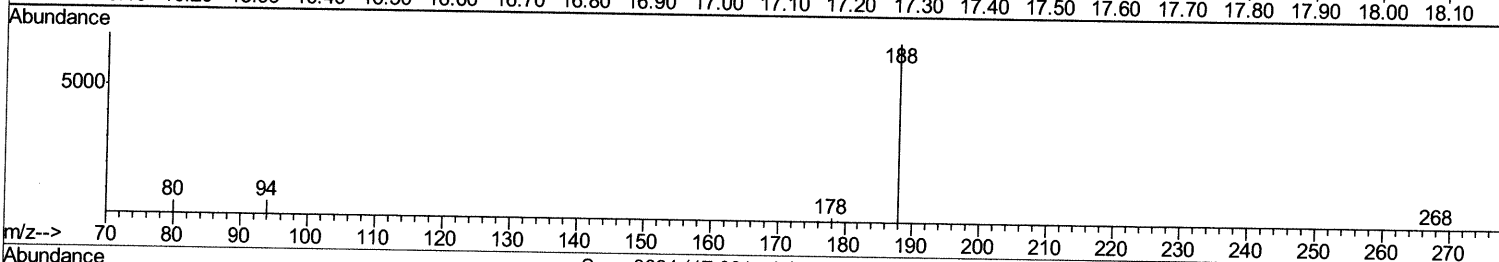
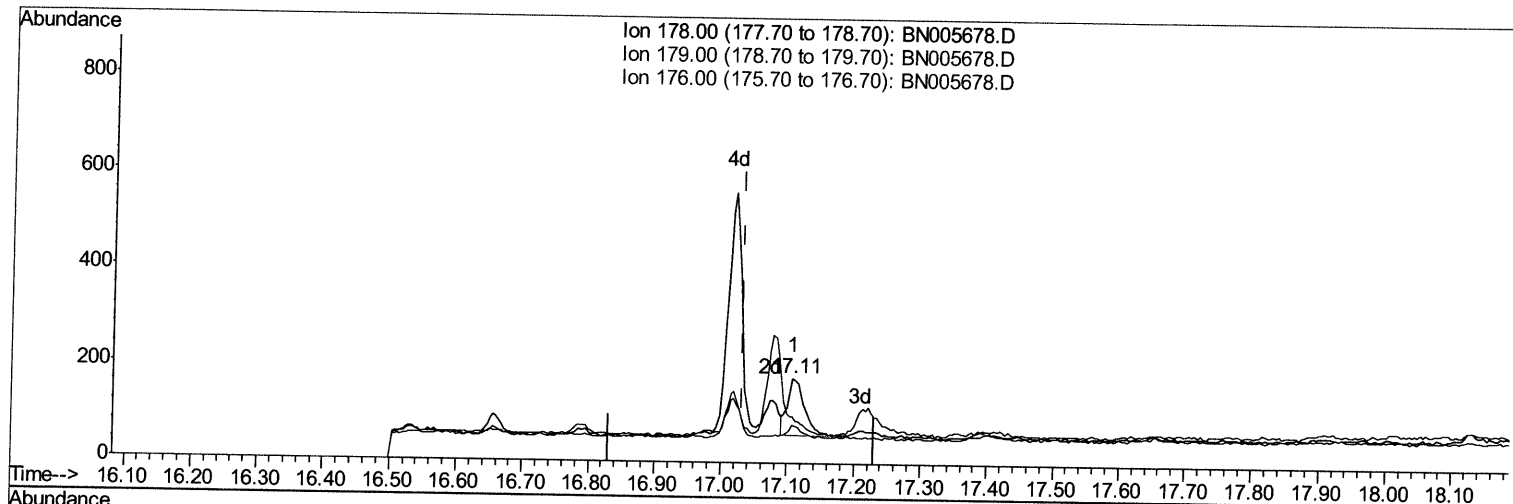
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



TIC: BN005678.D

(12) Phenanthrene

17.107min (+0.076) 0.01ng/ul

response 213

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	54.24#
176.00	19.10	44.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

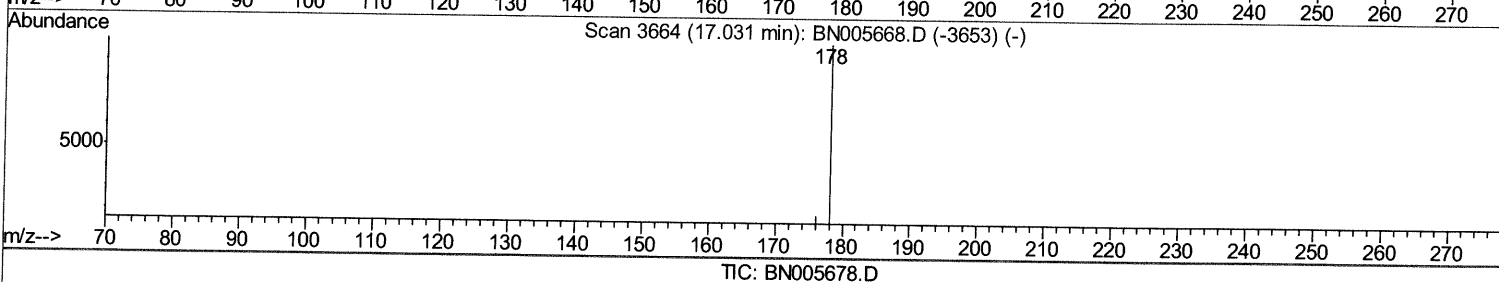
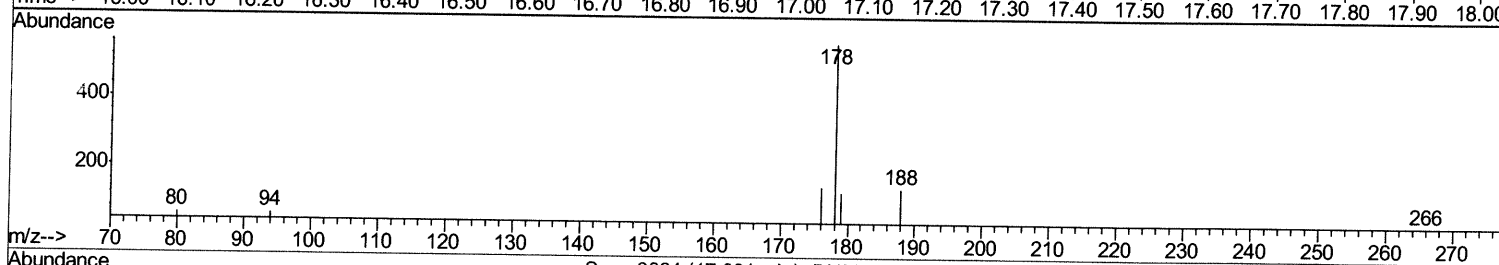
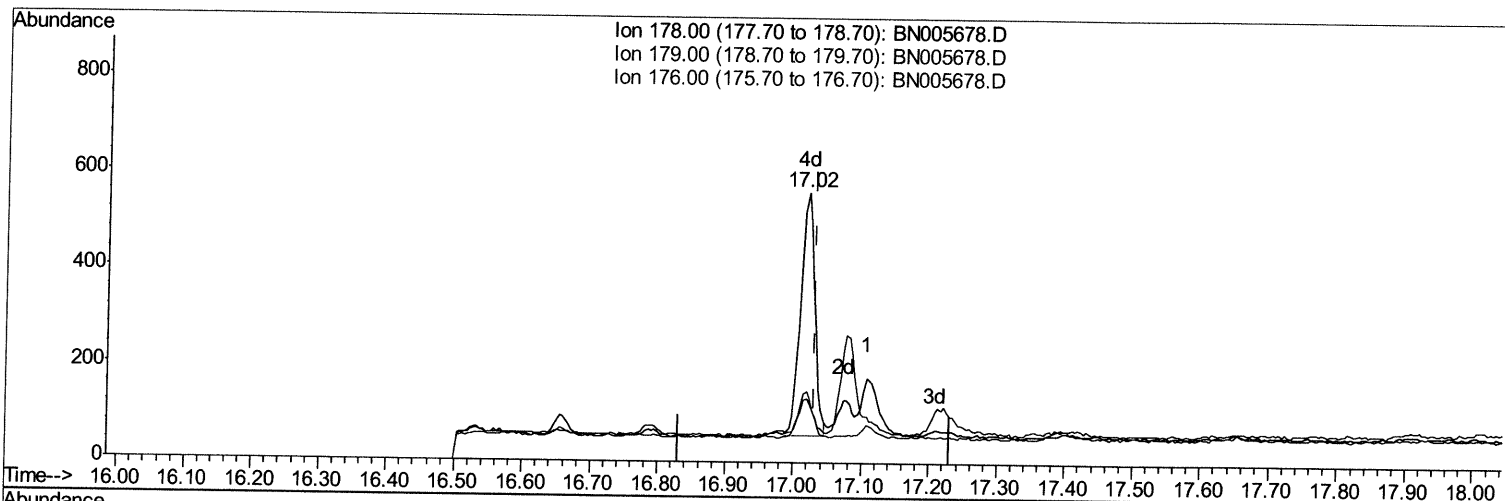
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(12) Phenanthrene

17.018min (-0.013) 0.03ng/ul m ^{JU}05/24/19

response 726

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	23.84#
176.00	19.10	26.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

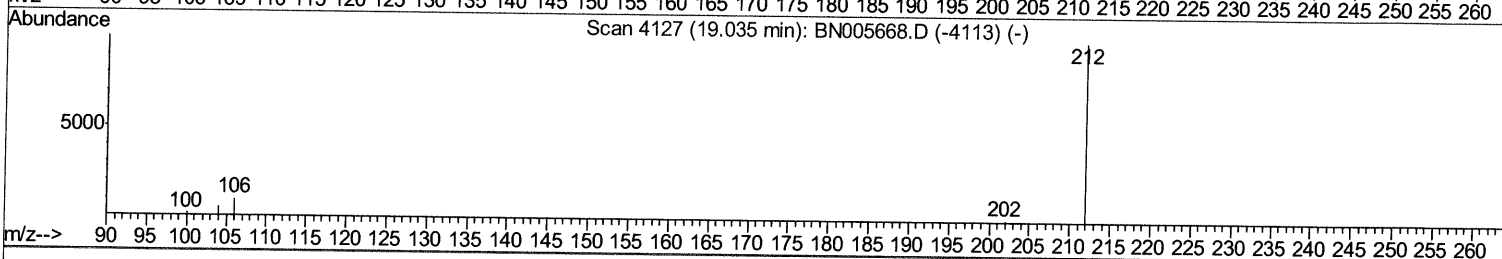
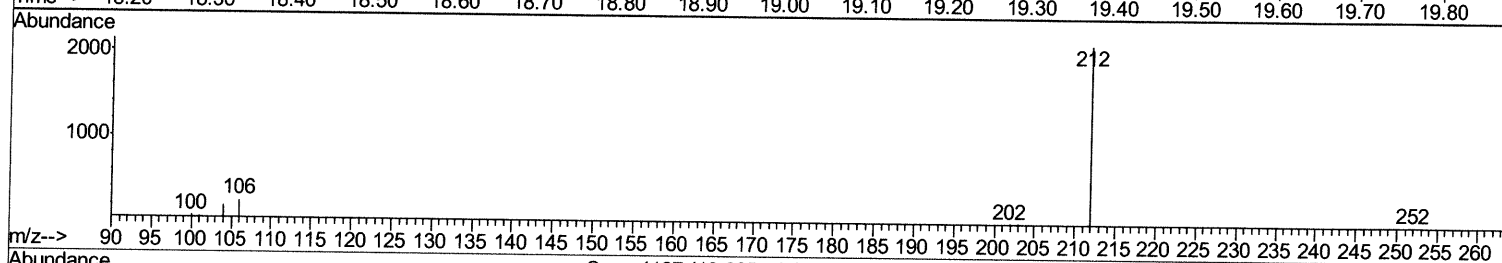
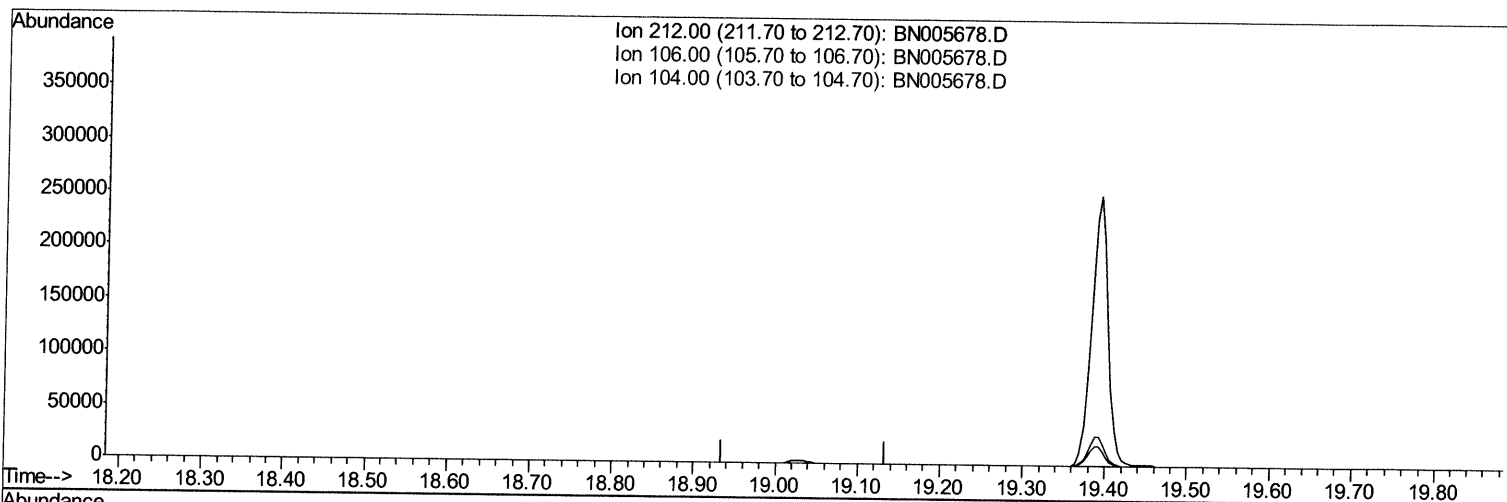
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



TIC: BN005678.D

(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

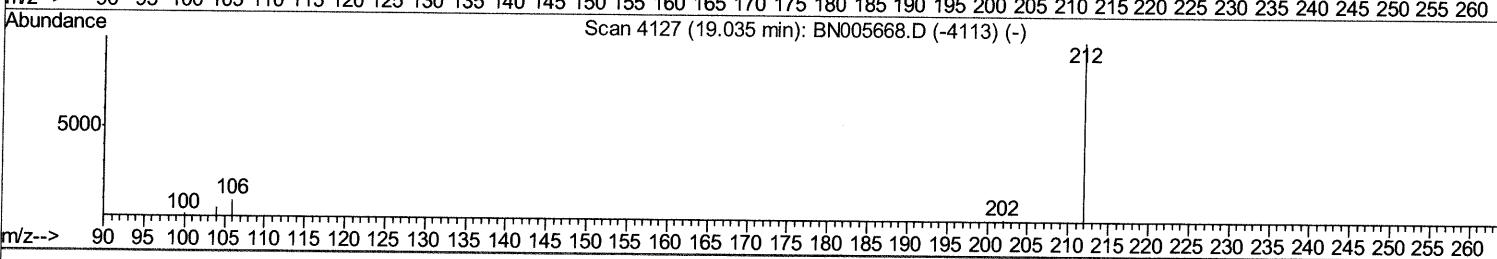
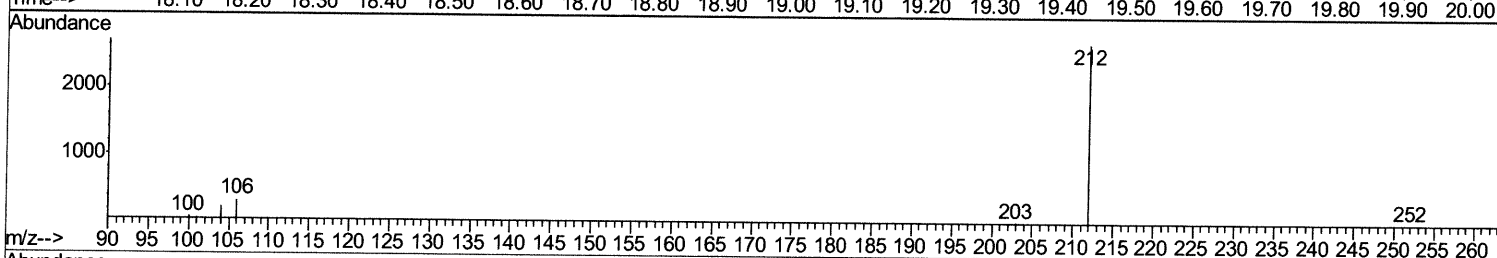
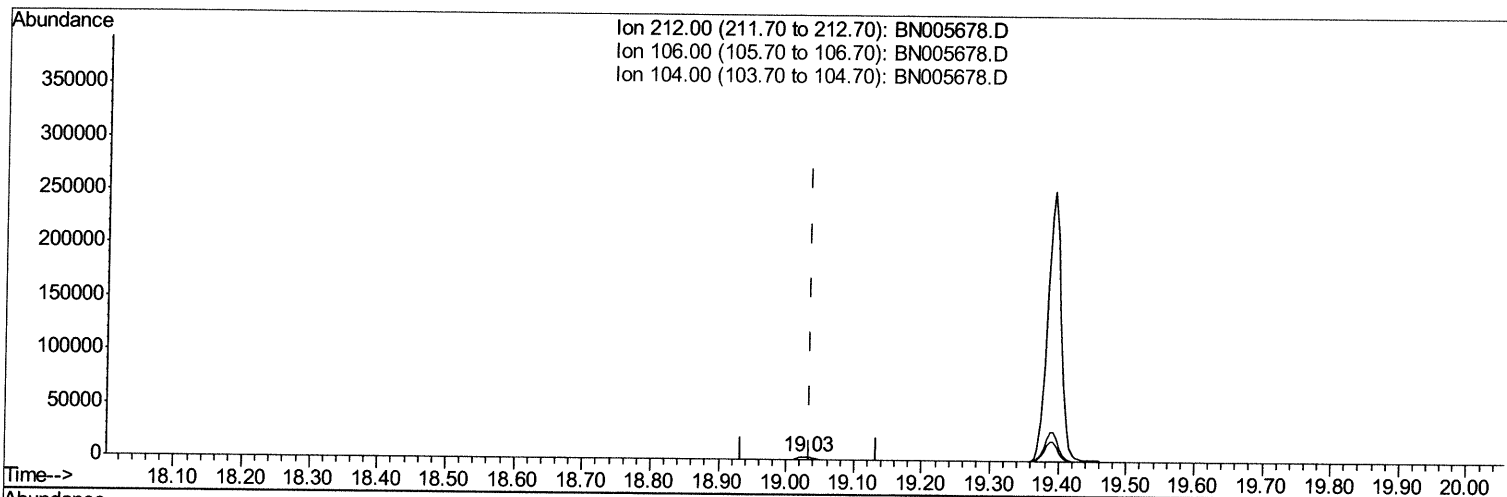
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



TIC: BN005678.D

(14) Fluoranthene-d10 (SURR)

19.030min (-0.005) 0.14ng/ul m *JU 05/24/19*

response 3911

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

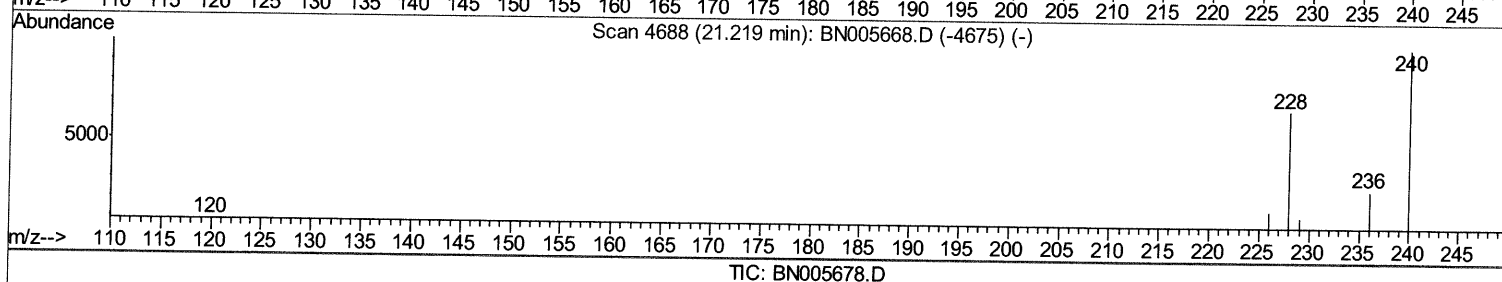
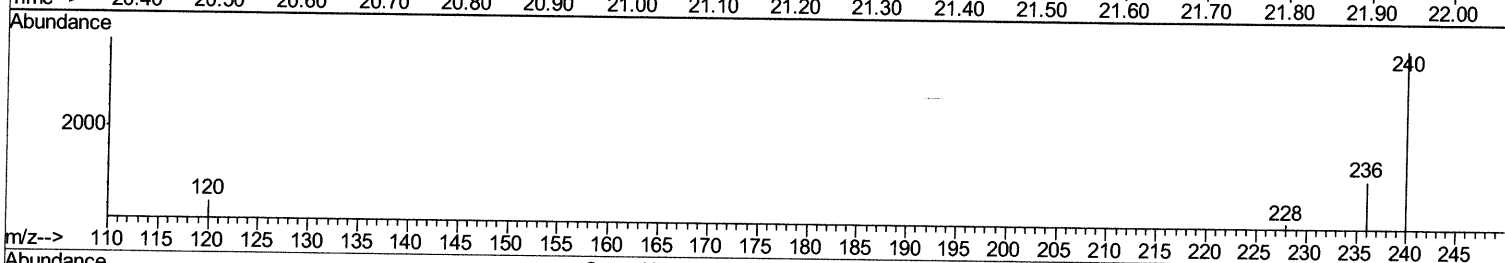
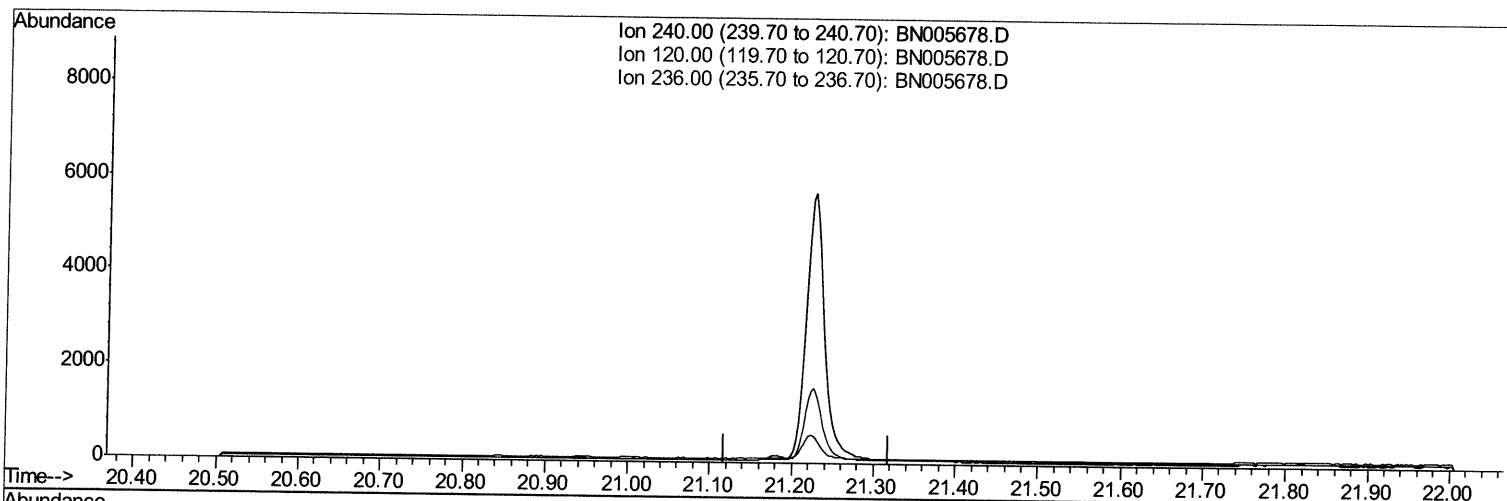
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

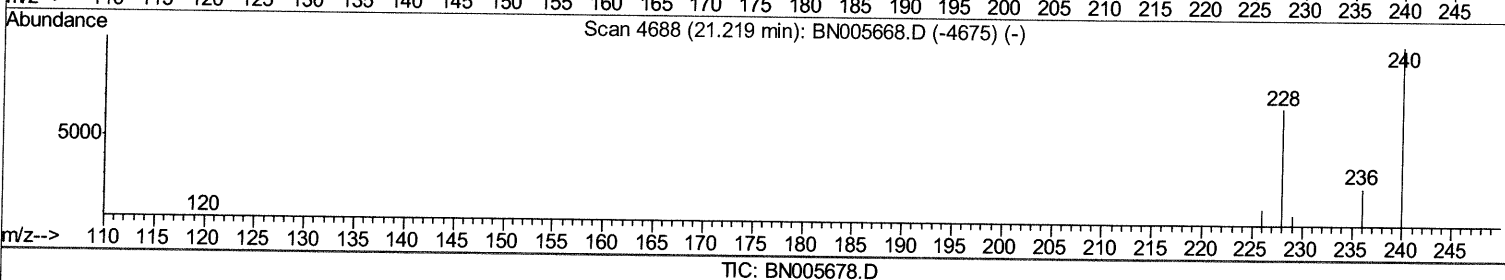
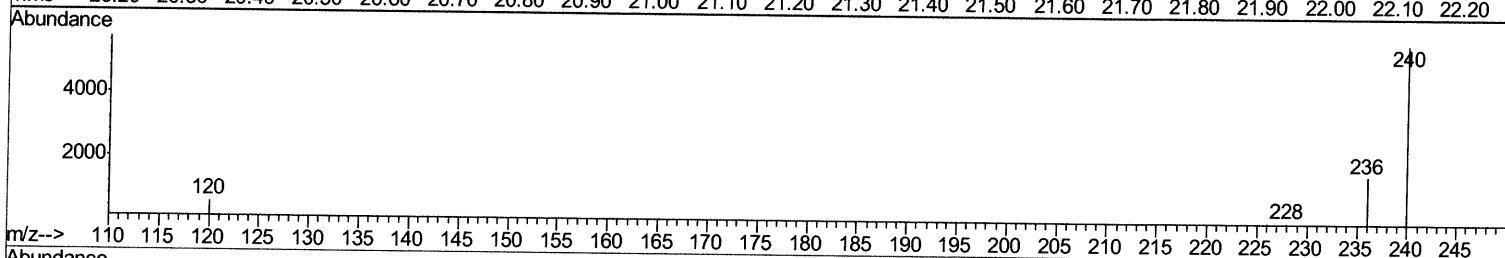
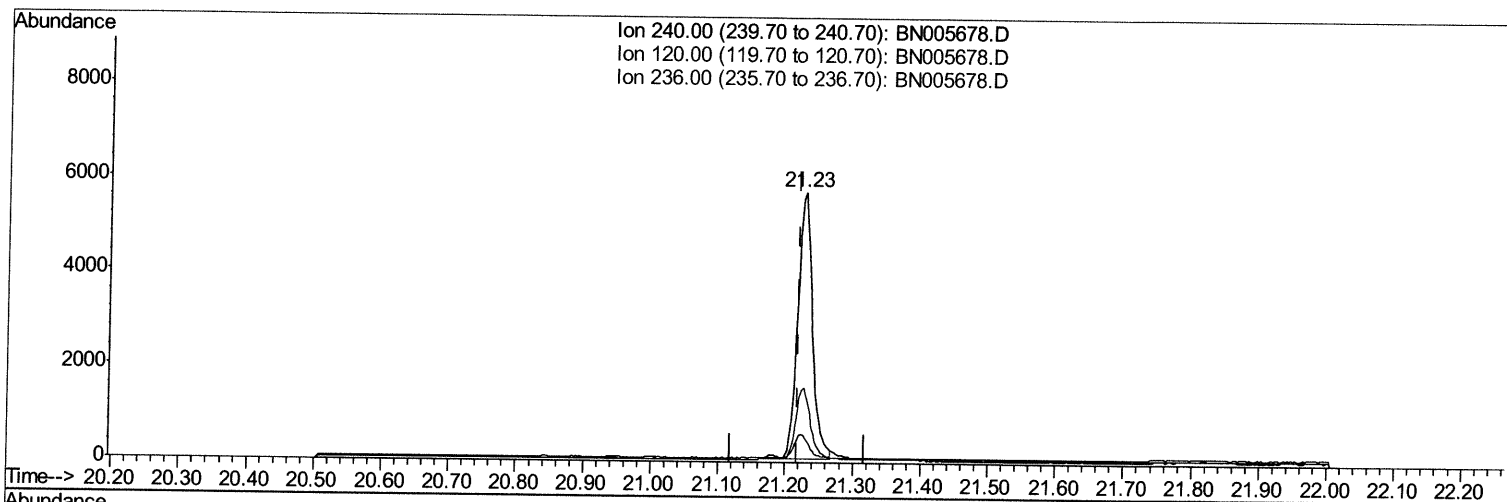
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.226min (+0.007) 0.40ng/ul m *JU 05/24/19*

response 8458

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	10.23
236.00	28.00	27.88
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

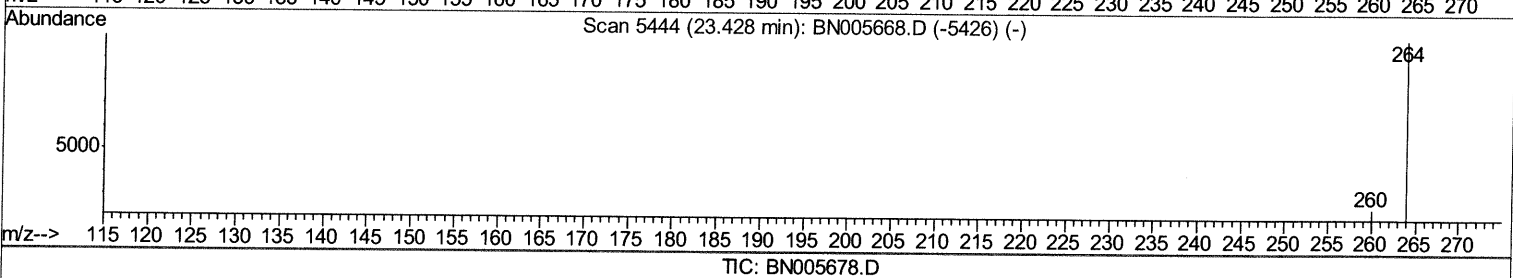
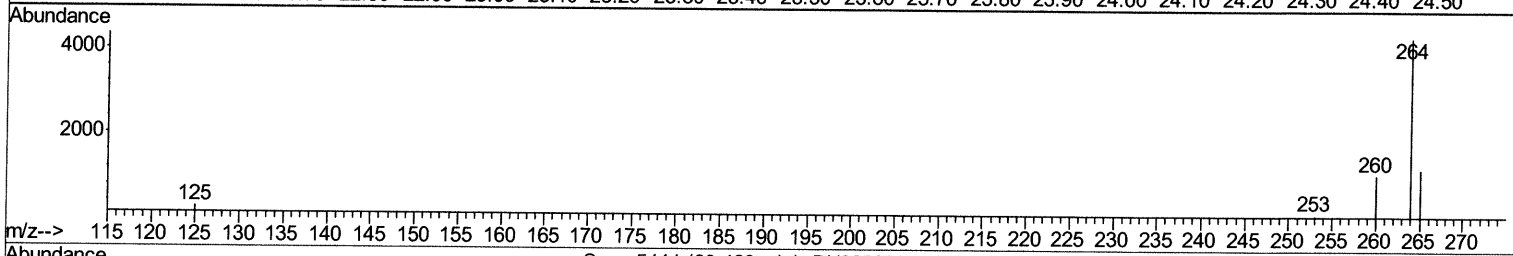
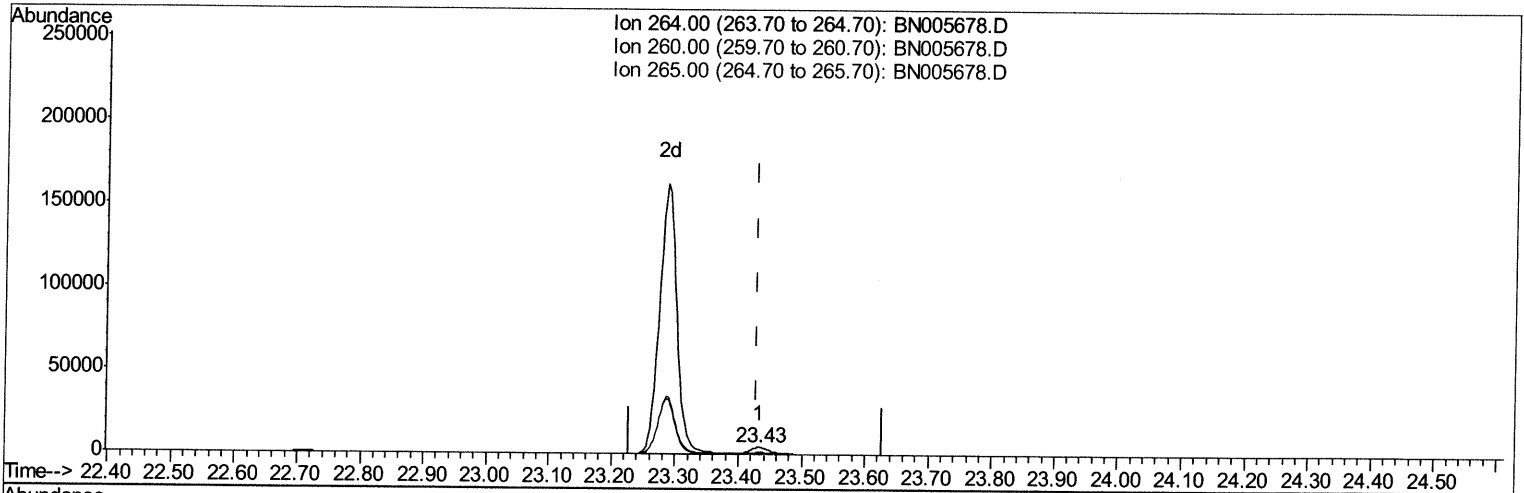
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:49:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.433min (+0.004) 0.40ng/ul

response 9977

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.43
265.00	31.70	28.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (Qedit)

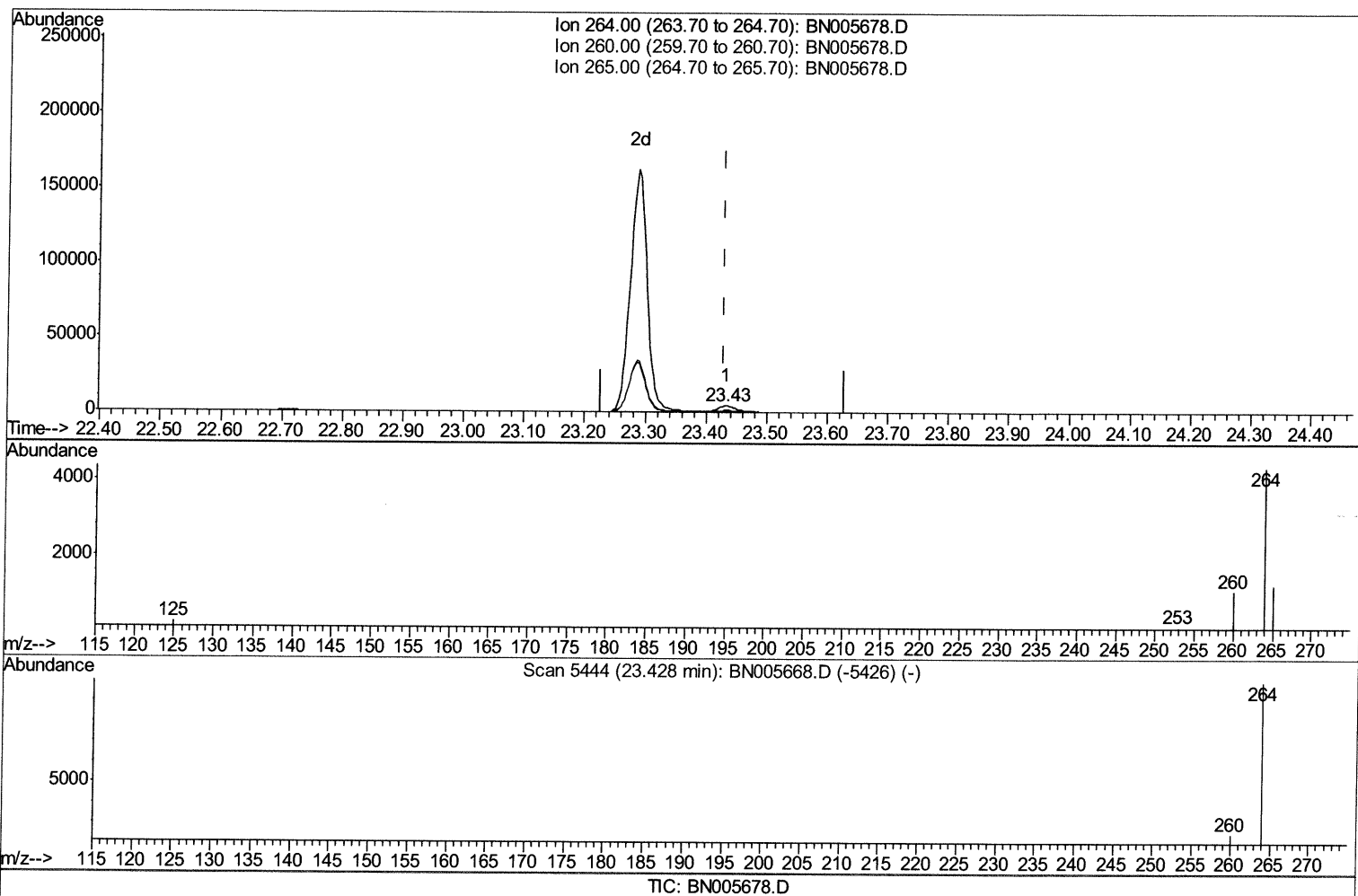
Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:49:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.433min (+0.004) 0.40ng/ul mJU 05/24/19

response 7323

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	25.43
265.00	31.70	28.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Quantitation Report (QT Reviewed)

Data File : BN005678.D
Acq On : 14 May 2019 06:37
Operator : JU/SJ
Sample : K2692-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5182

Manual Integrations
APPROVED

mohammad
5/16/2019 11:36:11 AM

Quant Time: May 14 07:50:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1268	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5306	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	3456	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8627m >	0.40	ng/ul	→ 0.01
16) Chrysene-d12	21.23	240	8458m >	0.40	ng/ul	→ 0.00
20) Perylene-d12	23.43	264	7323m >	0.40	ng/ul	→ 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1255	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	3911m >	0.14	ng/ul	→ 0.00
Target Compounds						
7) Acenaphthylene	13.94	152	457	0.026	ng/ul#	73
12) Phenanthrene	17.02	178	726m >	0.031	ng/ul	→

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