

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (QT Reviewed)

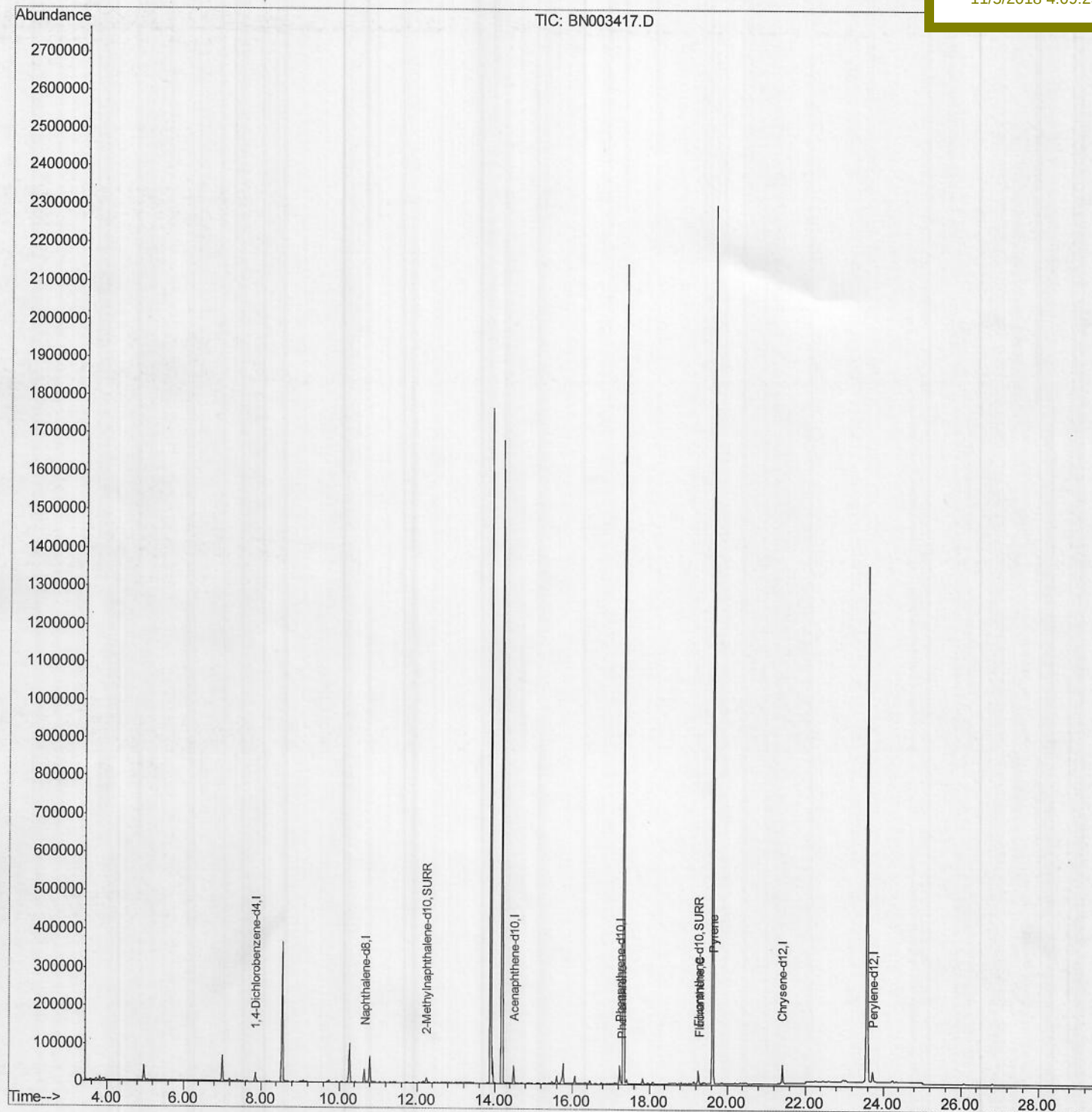
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:28:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

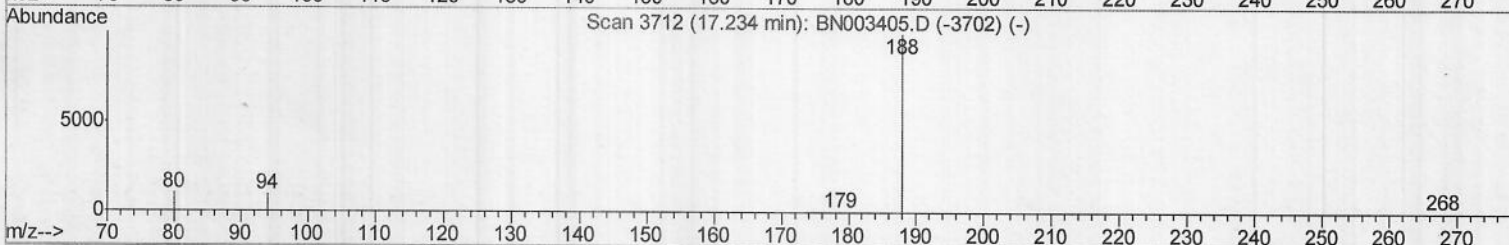
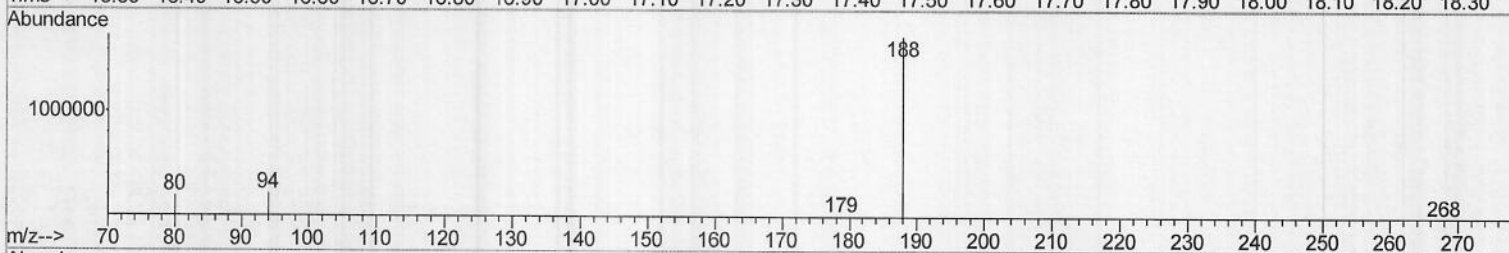
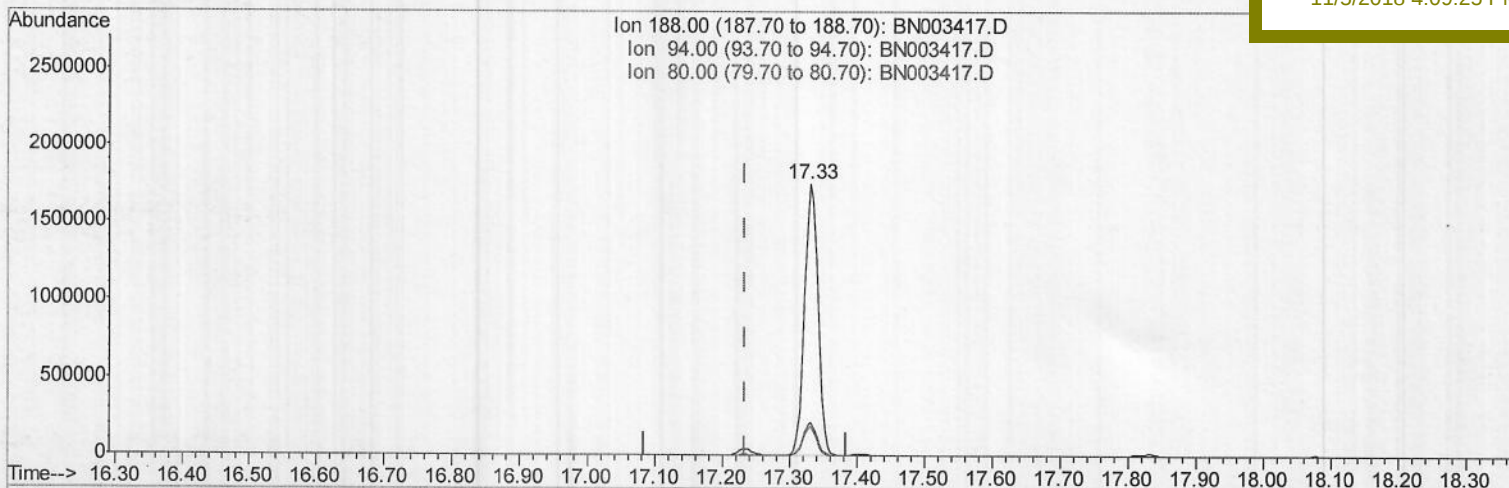
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:21:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



TIC: BN003417.D

(10) Phenanthrene-d10 (I)
17.331min (+0.097) 0.40ng/ul
response 2436693

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	12.31#
80.00	10.10	10.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

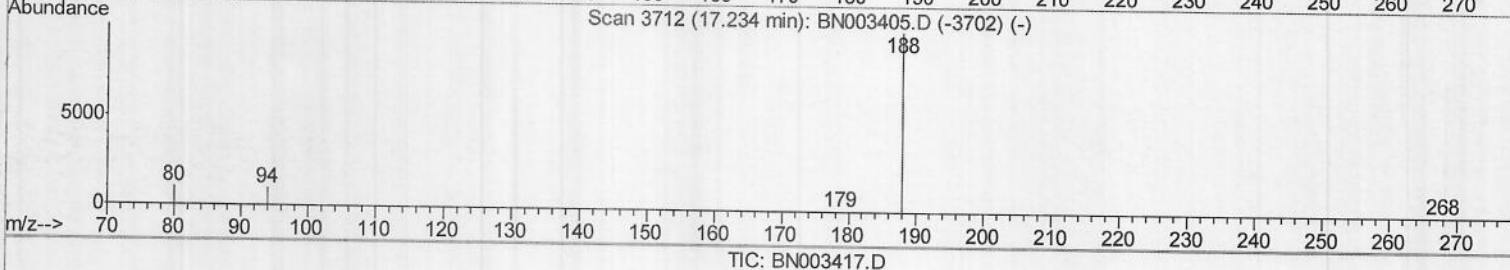
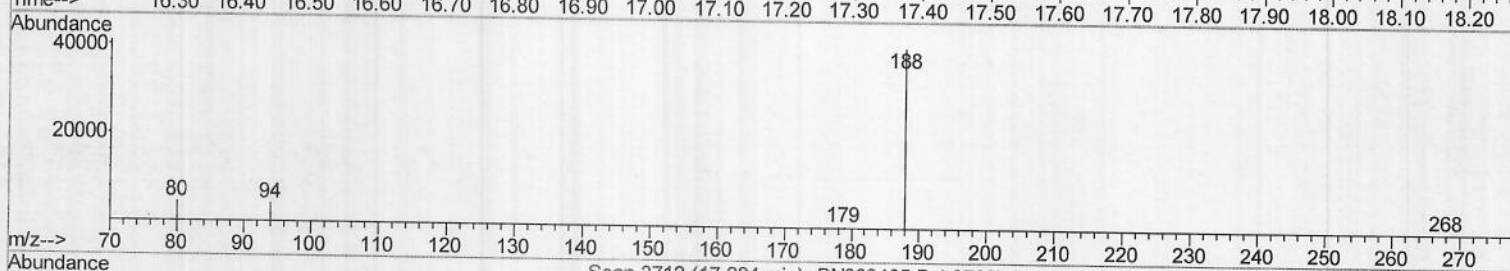
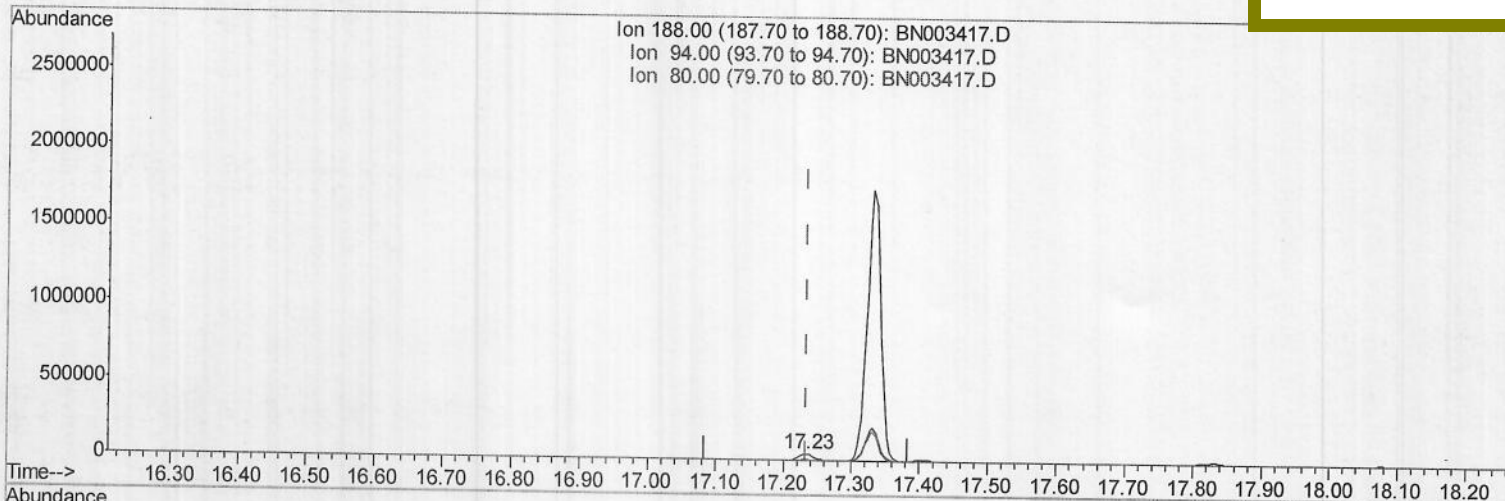
Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:21:32 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



(10) Phenanthrene-d10 (I)

17.234min (+0.000) 0.40ng/ul m

response 60278

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	10.19
80.00	10.10	10.80
0.00	0.00	0.00

SJ
11/03 118

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

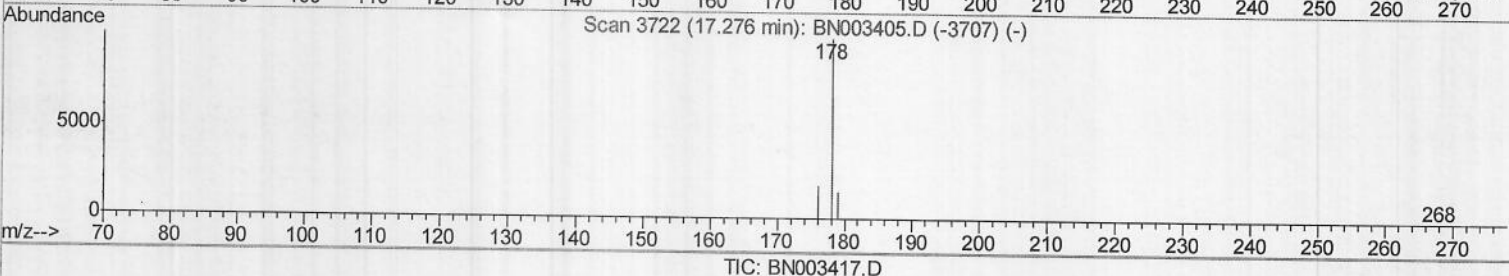
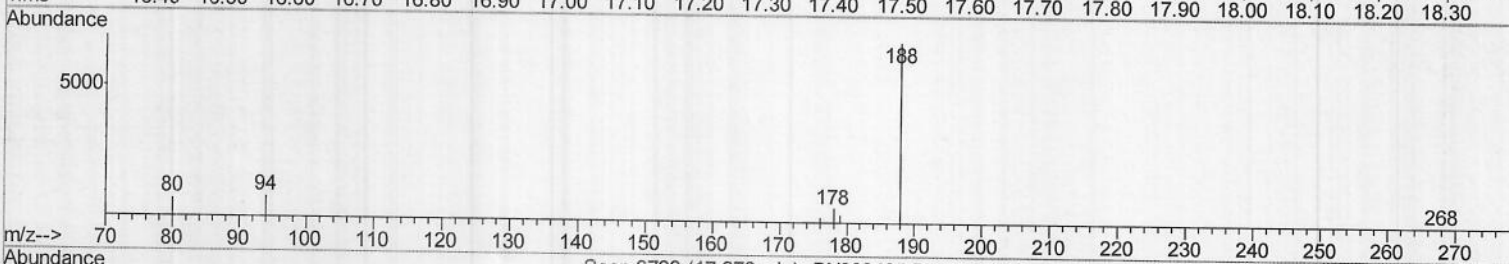
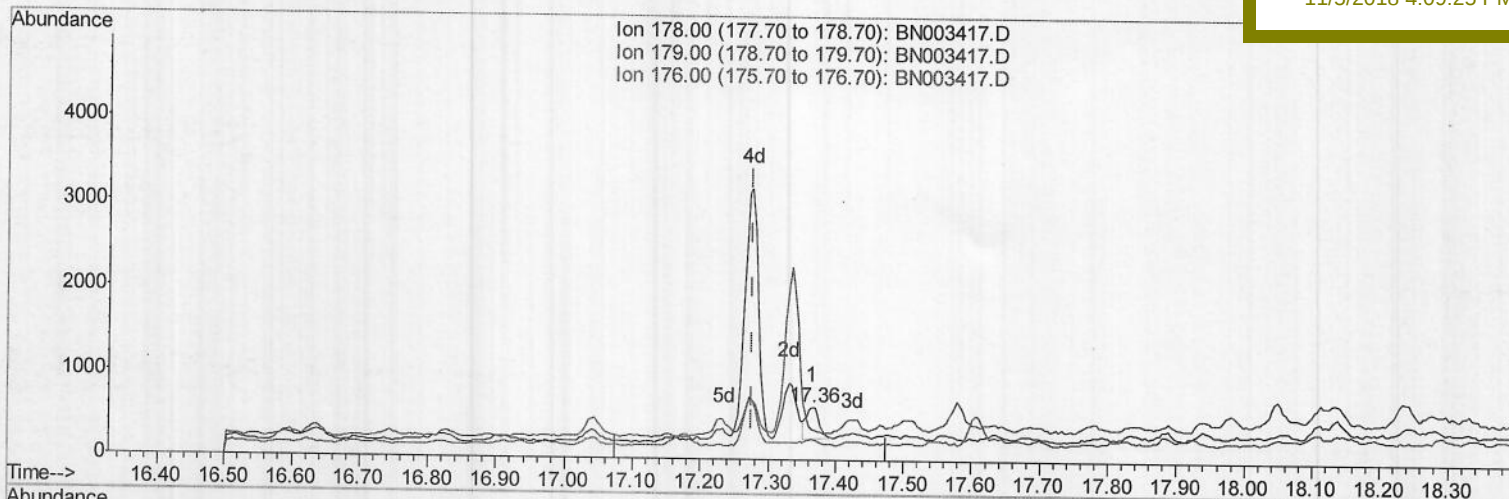
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40E2

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



(12) Phenanthrene

17.365min (+0.089) 0.00ng/ul

response 481

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	57.92#
176.00	18.70	39.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

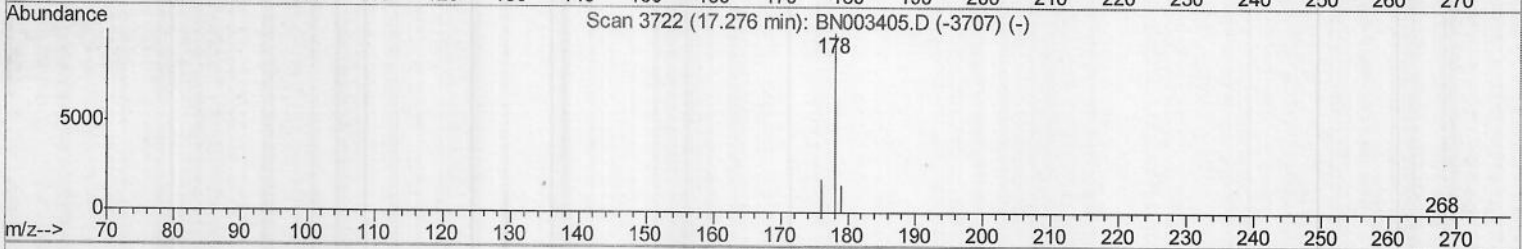
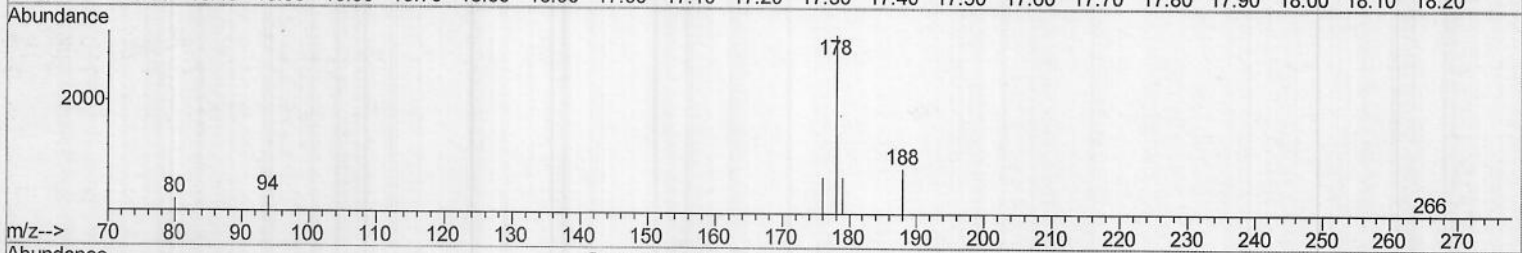
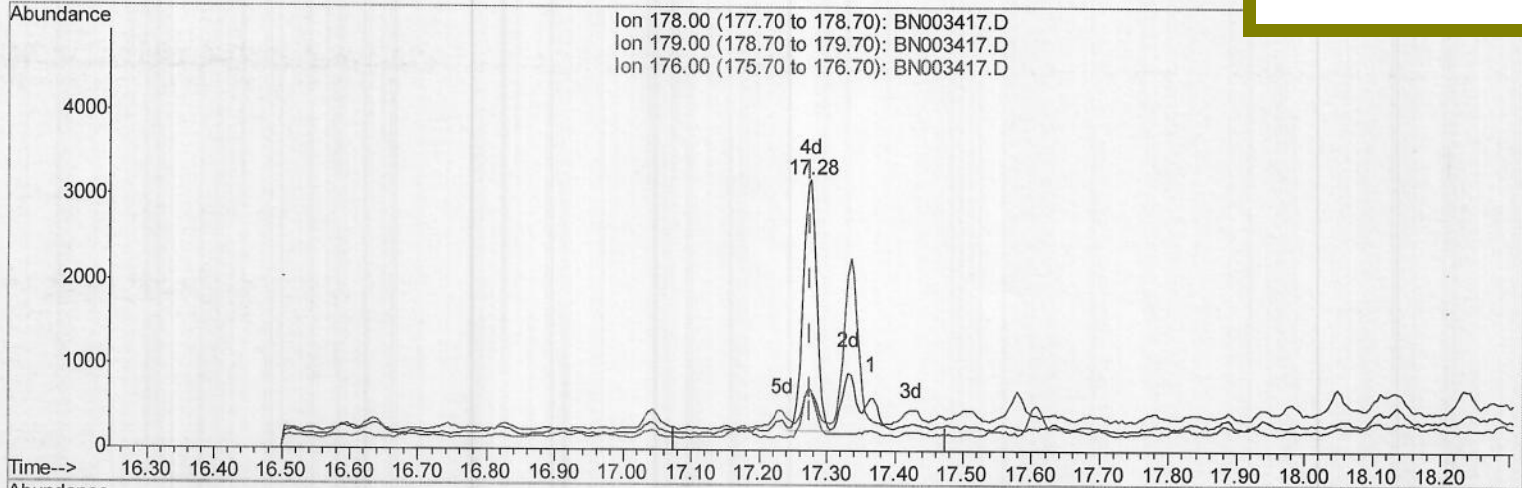
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
A40E2

Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



TIC: BN003417.D

(12) Phenanthrene

17.276min (+0.000) 0.02ng/ul m

response 4092

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	22.22#
176.00	18.70	22.35
0.00	0.00	0.00

SJ
11/03/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :

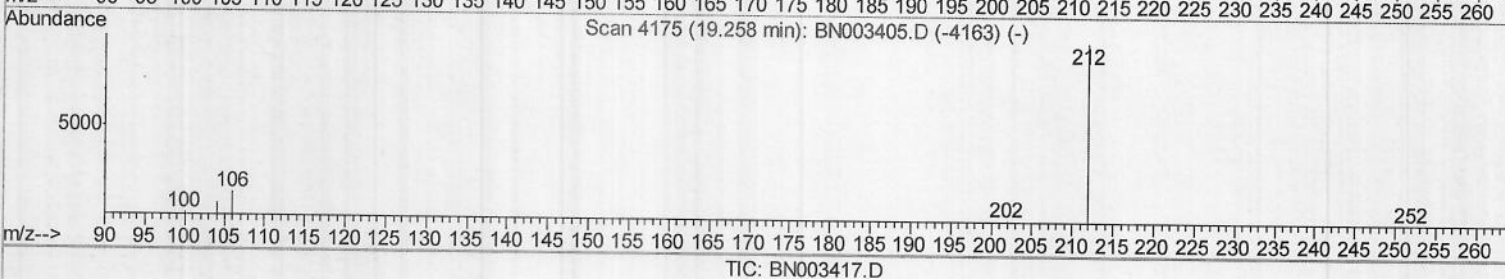
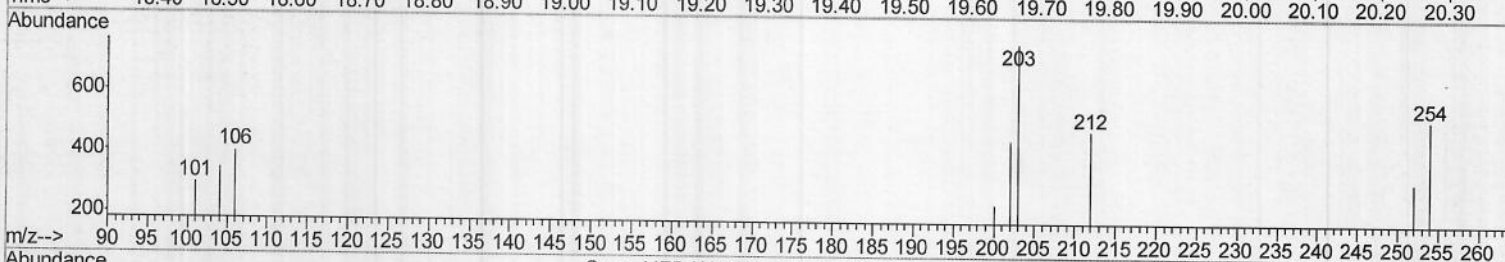
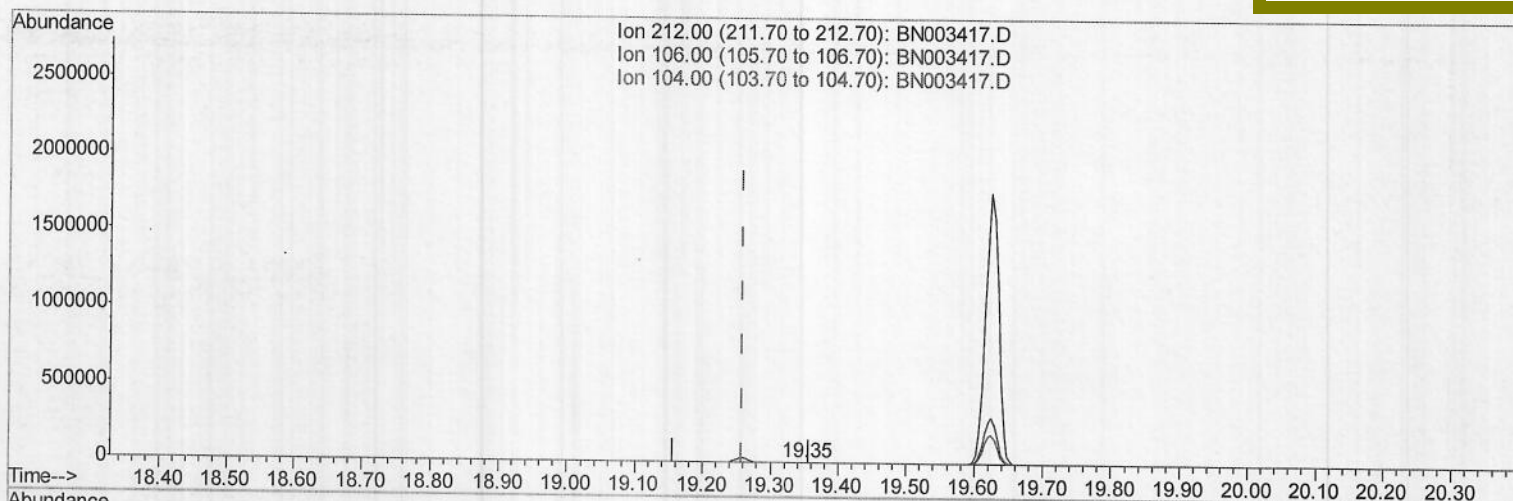
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Manual Integrations
APPROVED

Sohil
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Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.351min (+0.093) 0.00ng/ul

response 480

Ion	Exp%	Act%
212.00	100	100
106.00	13.50	0.00#
104.00	7.60	21.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

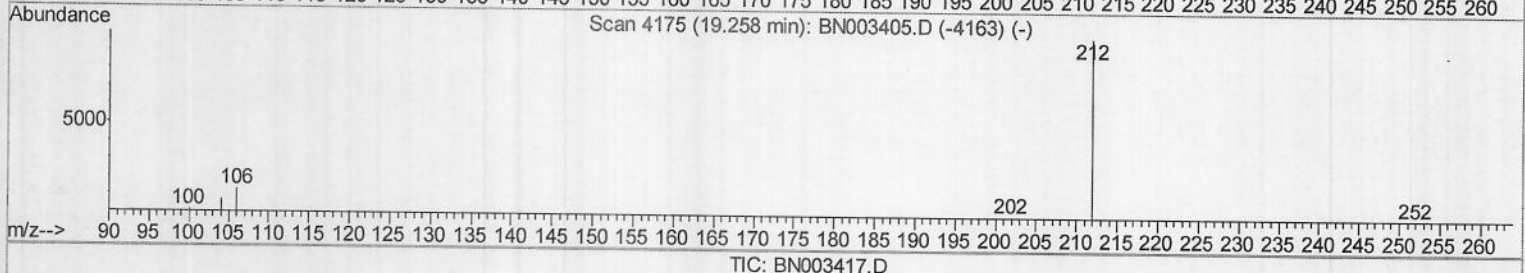
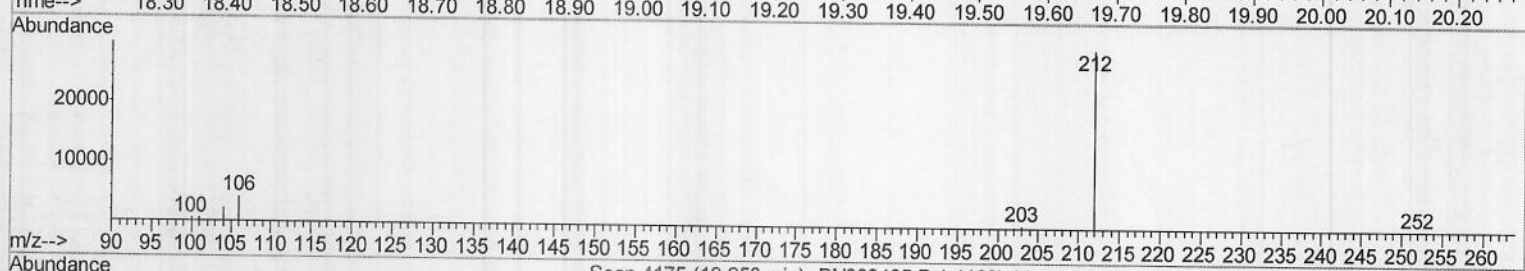
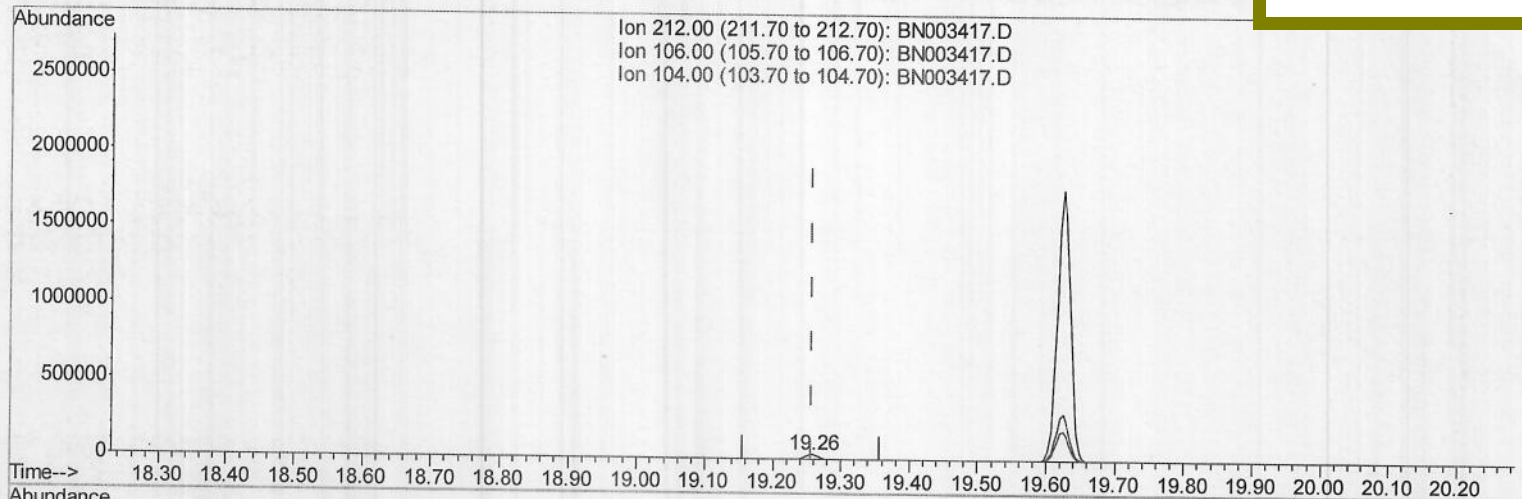
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



TIC: BN003417.D

(14) Fluoranthene-d10 (SURR)

19.258min (+0.000) 0.23ng/ul m

response 38578

Ion	Exp%	Act%
212.00	100	100
106.00	13.50	0.00#
104.00	7.60	0.27#
0.00	0.00	0.00

SJ
11/03/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :

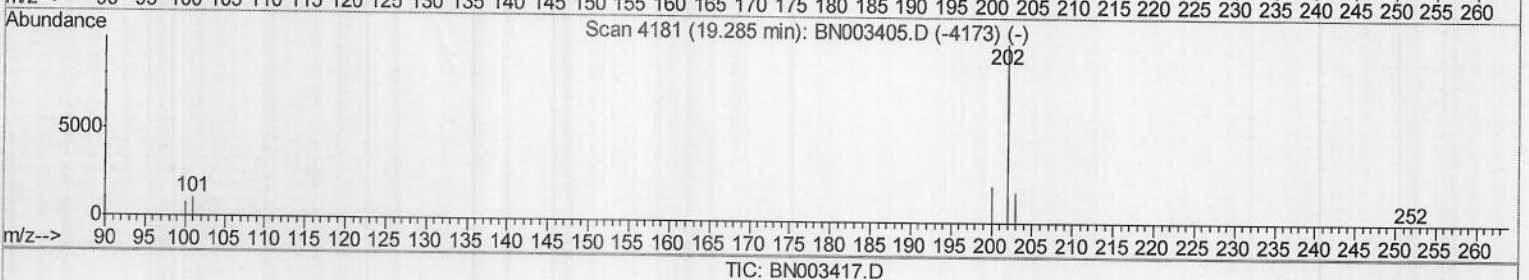
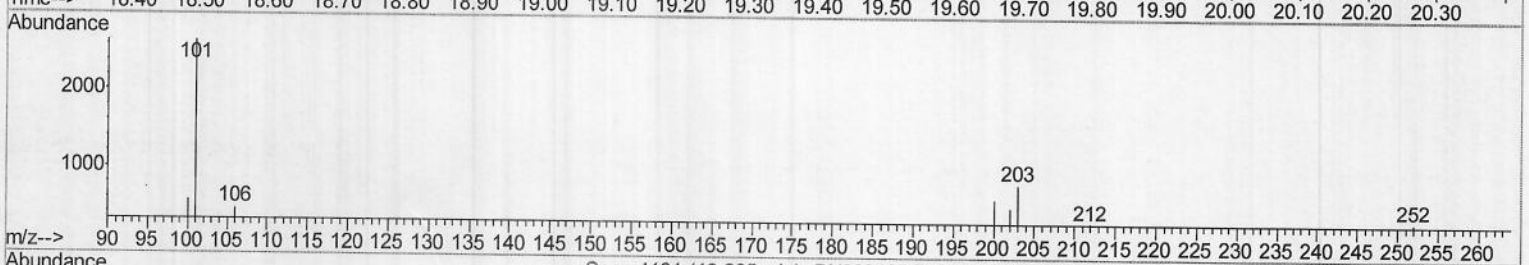
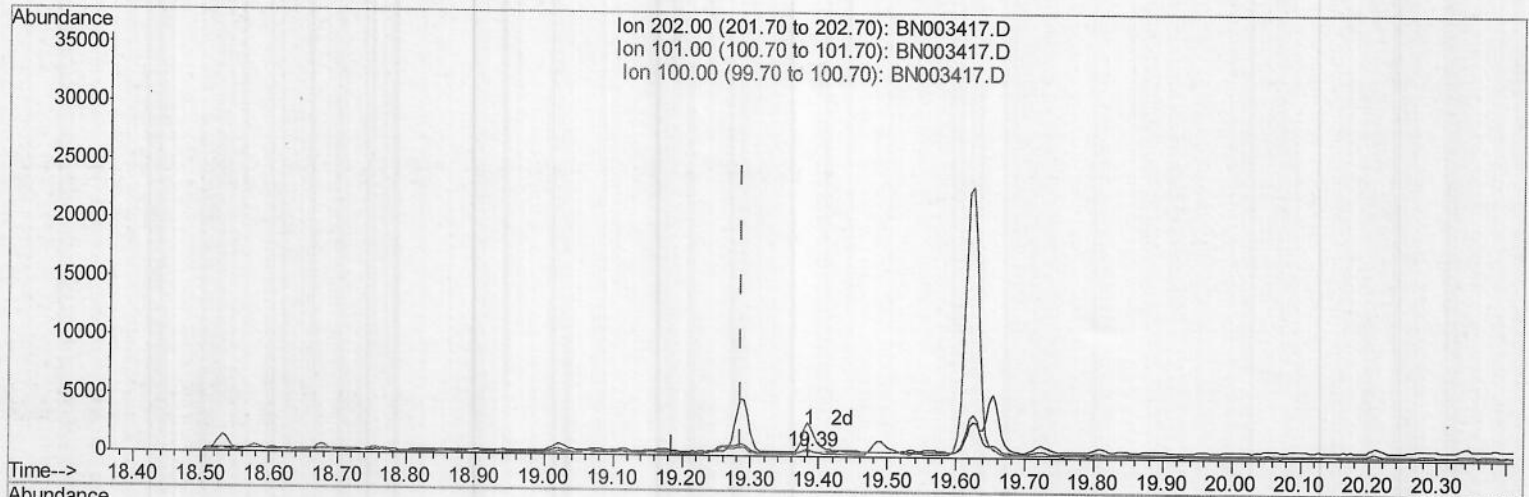
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM

Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration



TIC: BN003417.D

(15) Fluoranthene (C)

19.388min (+0.102) 0.00ng/ul

response 173

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	517.38#
100.00	8.00	109.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

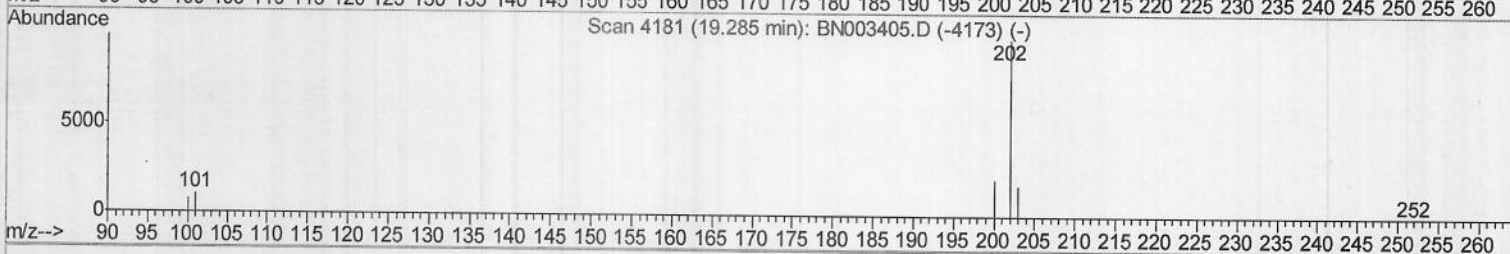
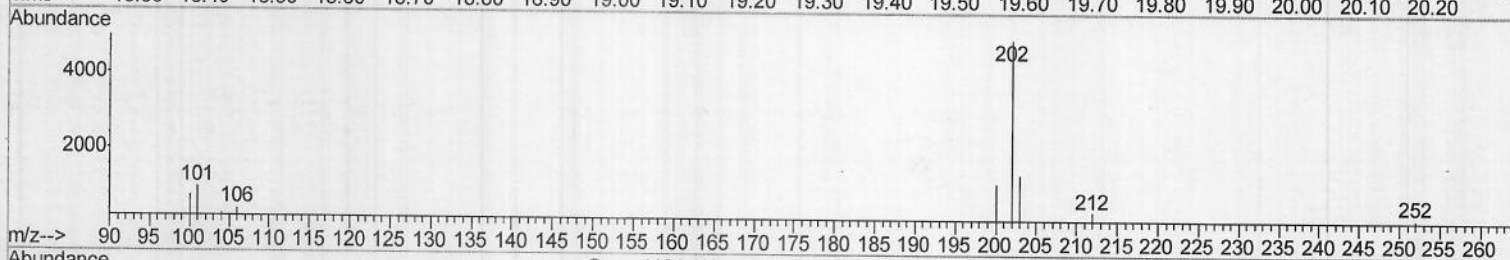
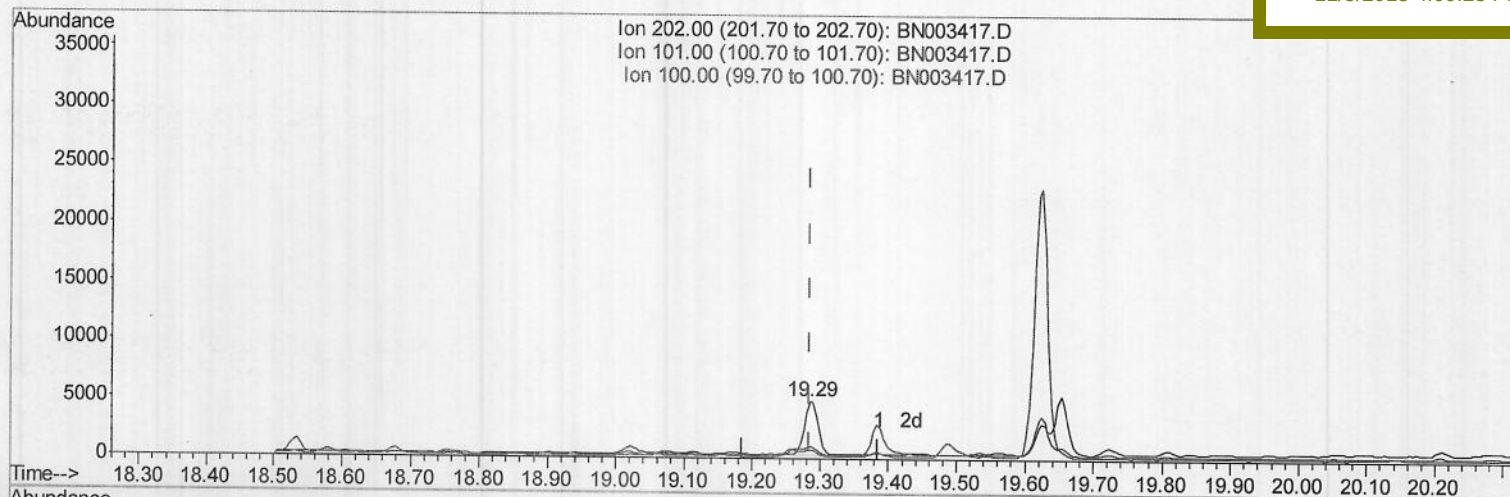
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
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TIC: BN003417.D

(15) Fluoranthene (C)

19.285min (+0.000) 0.03ng/ul m

response 6274

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	20.23
100.00	8.00	15.58
0.00	0.00	0.00

SJ
11/03/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

Data File : BN003417.D

Acq On : 02 Nov 2018 23:23

Operator : MJ/SJ

Sample : J5701-08

Misc :

ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 03 01:24:54 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 02 23:49:03 2018

Response via : Initial Calibration

Instrument :

BNA_N

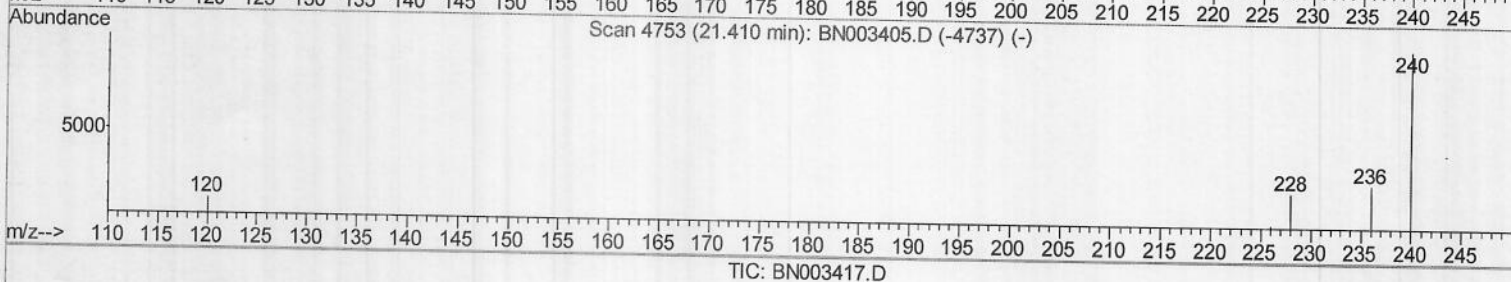
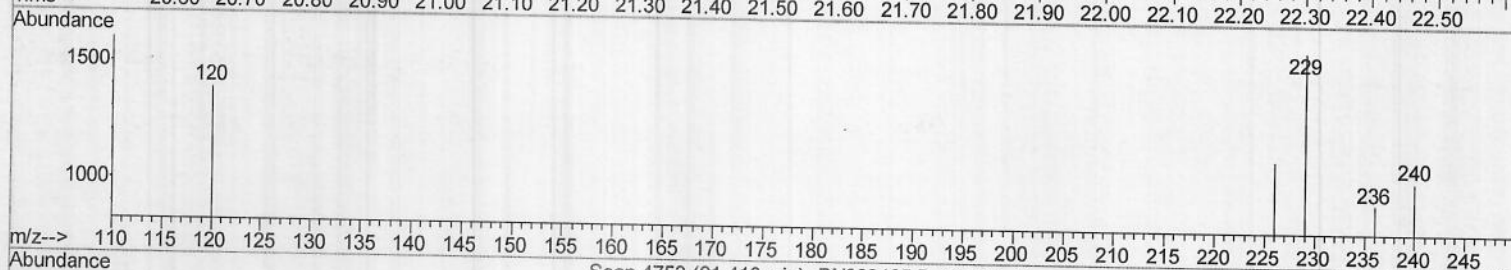
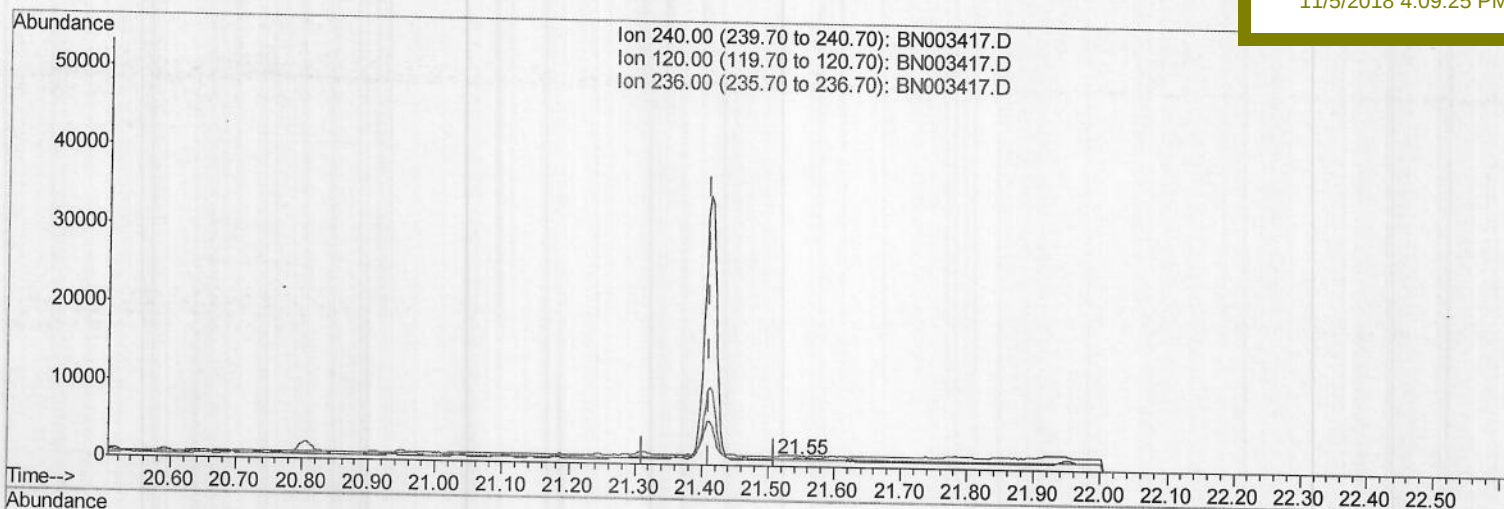
ClientSampleId :

A40E2

Manual Integrations
APPROVED

Sohil

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(16) Chrysene-d12 (I)

21.549min (+0.139) 0.40ng/ul

response 1199

Ion	Exp%	Act%
240.00	100	100
120.00	13.80	132.29#
236.00	27.60	90.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

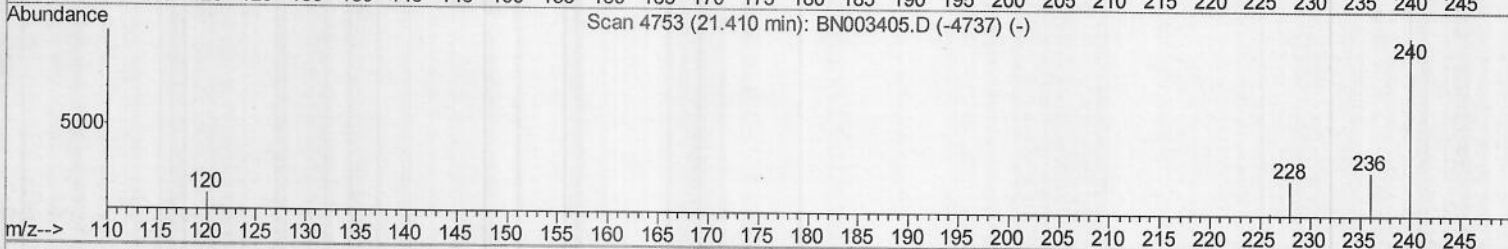
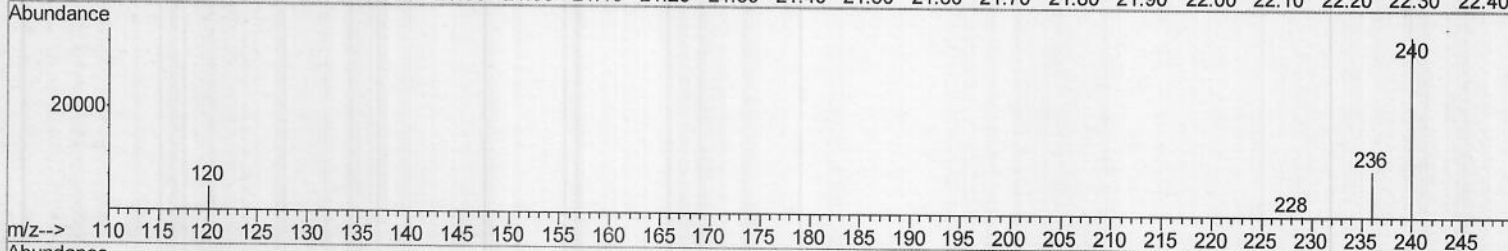
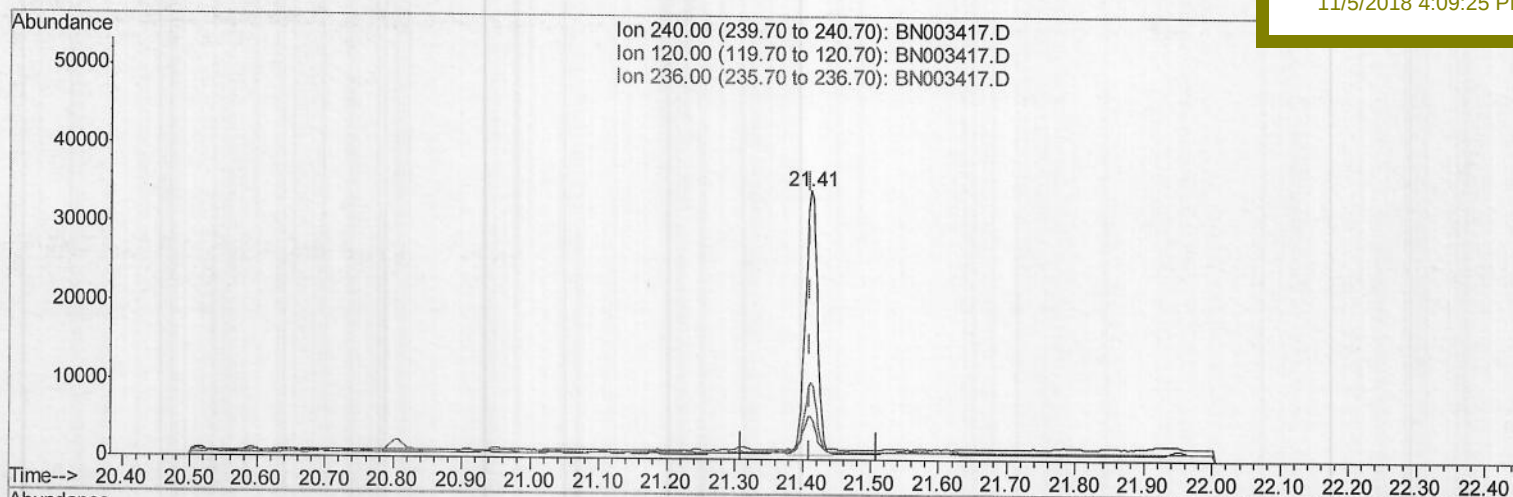
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



TIC: BN003417.D

(16) Chrysene-d12 (I)

21.411min (+0.001) 0.40ng/ul m

response 41159

Ion	Exp%	Act%
240.00	100	100
120.00	13.80	16.51
236.00	27.60	29.19
0.00	0.00	0.00

SJ
11/03/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

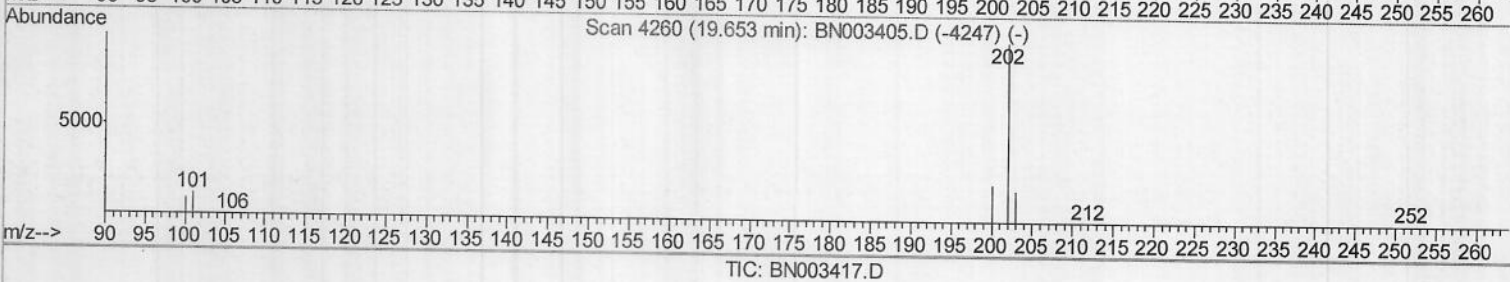
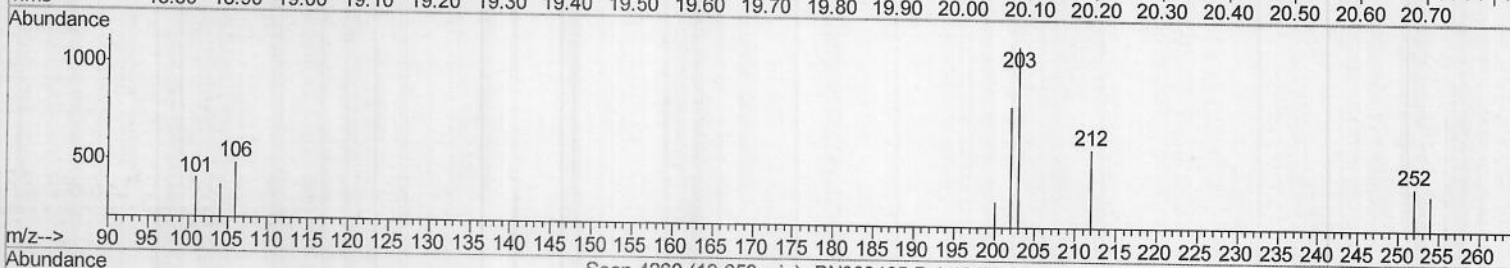
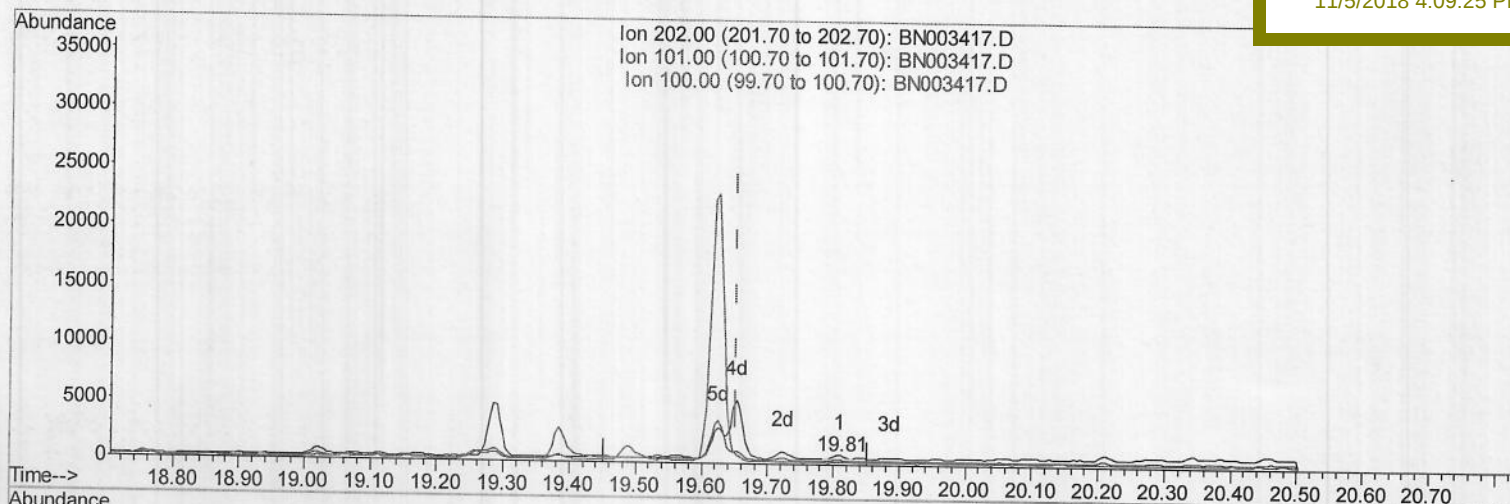
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:26:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



(17) Pyrene

19.811min (+0.158) 0.00ng/ul

response 341

Ion	Exp%	Act%
202.00	100	100
101.00	11.90	49.45#
100.00	9.40	23.87#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

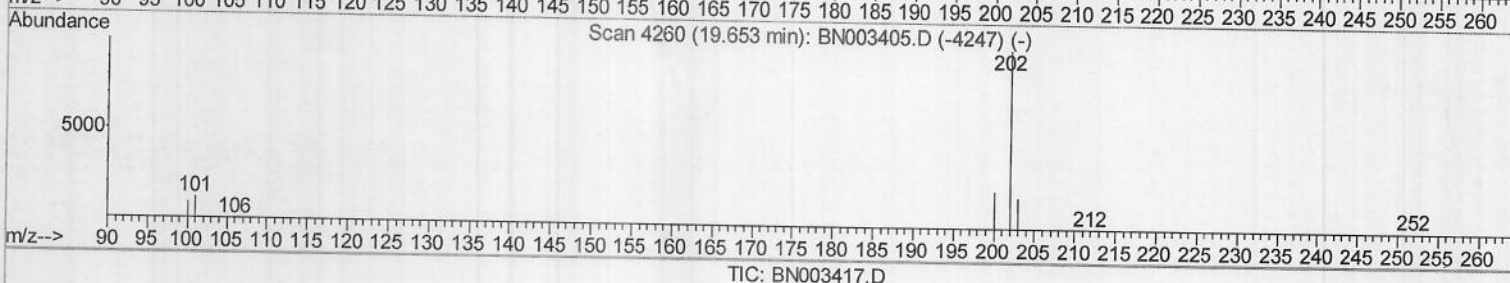
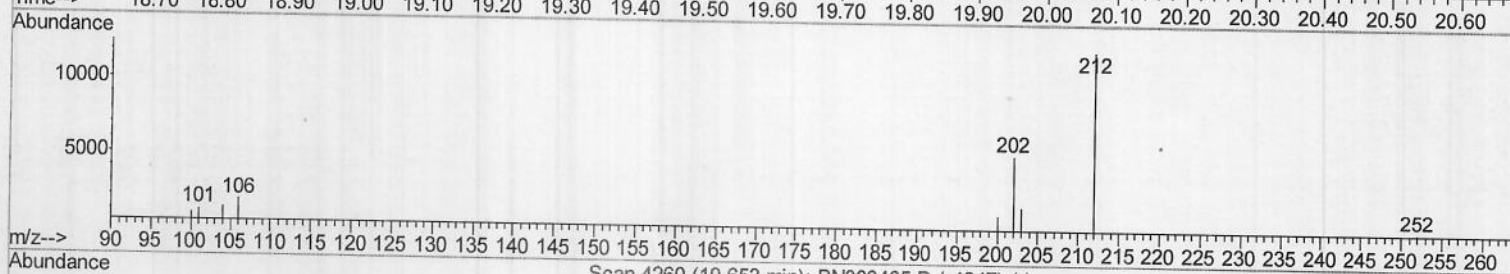
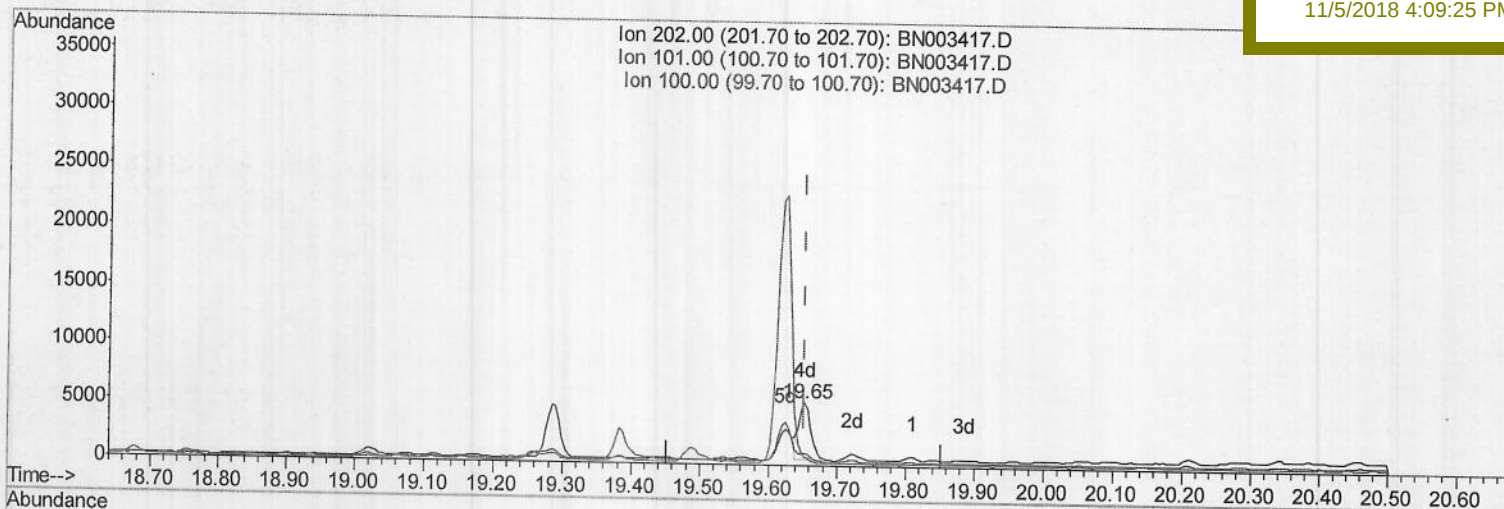
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:26:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



(17) Pyrene

19.653min (+0.000) 0.04ng/ul m

response 5800

Ion	Exp%	Act%
202.00	100	100
101.00	11.90	18.98#
100.00	9.40	14.08#
0.00	0.00	0.00

SJ
11/03/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08

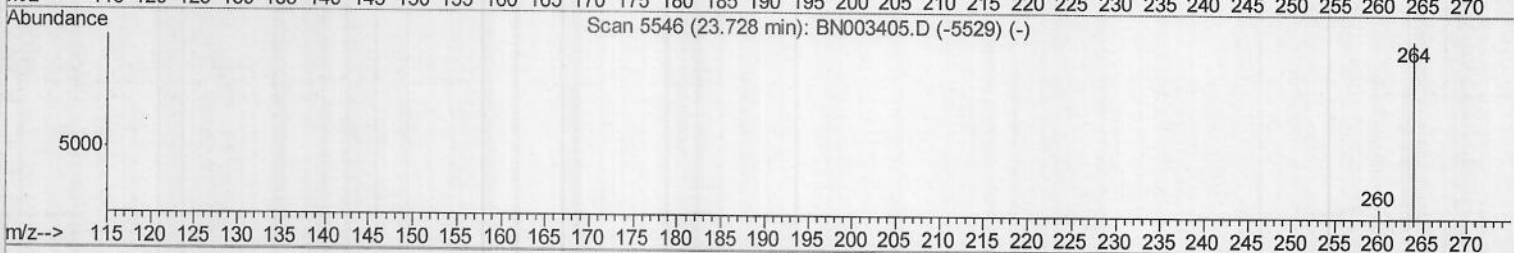
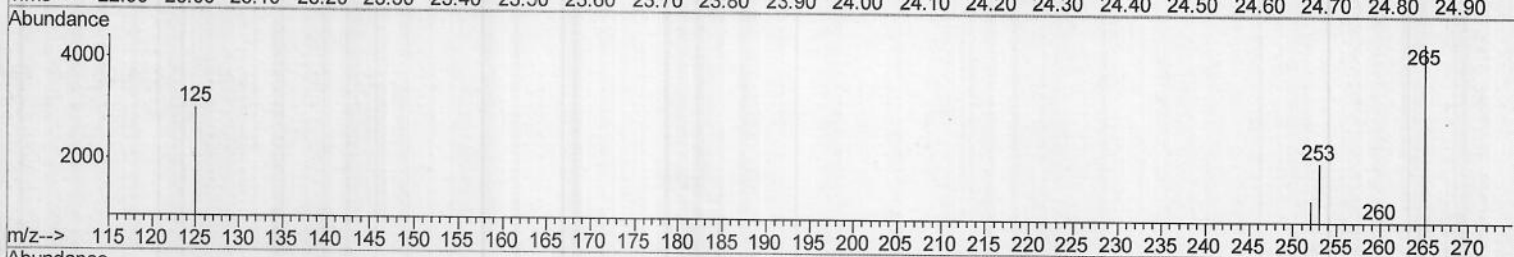
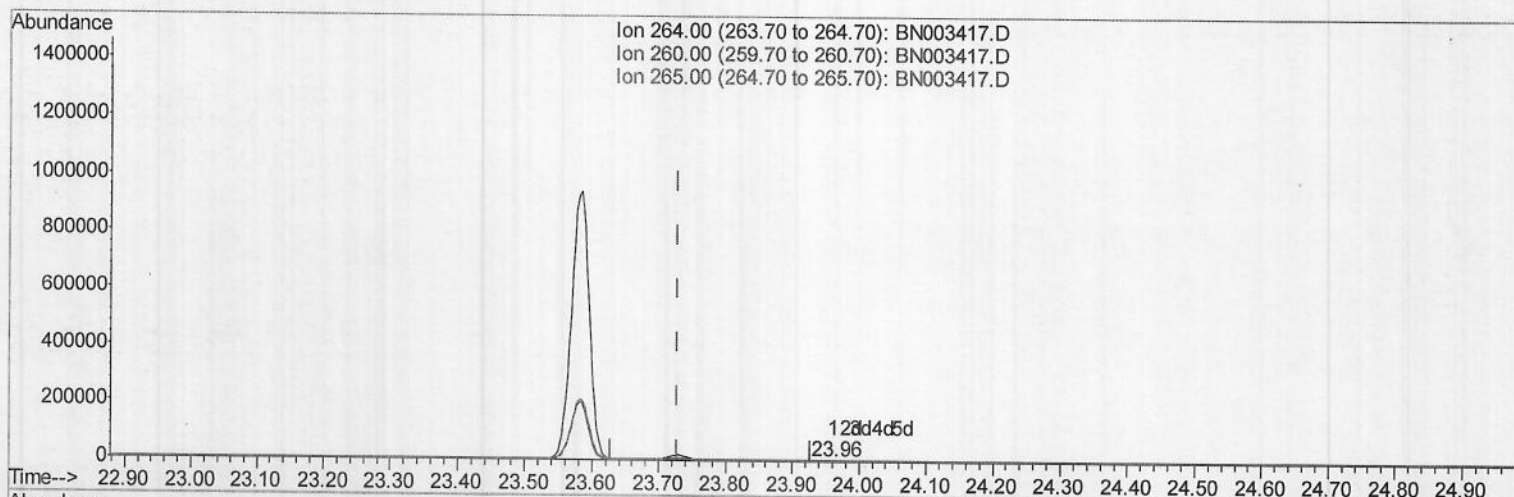
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 03 01:26:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A40E2

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



TIC: BN003417.D

(20) Perylene-d12 (I)

23.963min (+0.235) 0.40ng/ul

response 28

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	102.00#
265.00	33.70	491.76#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (Qedit)

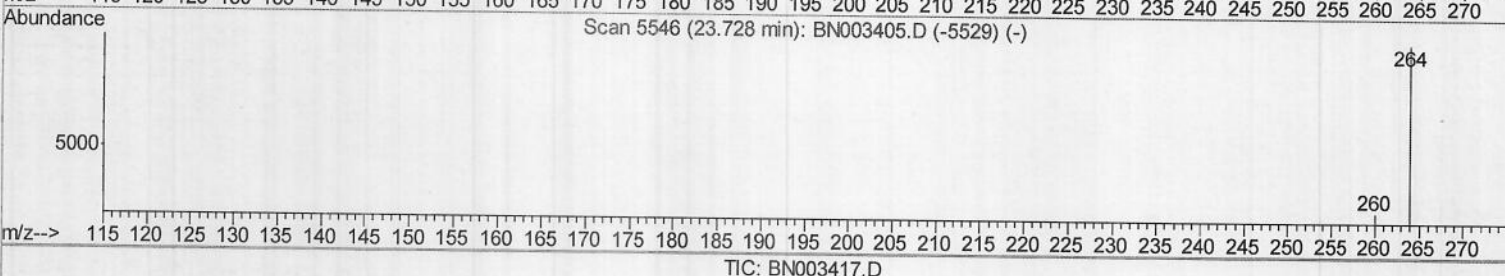
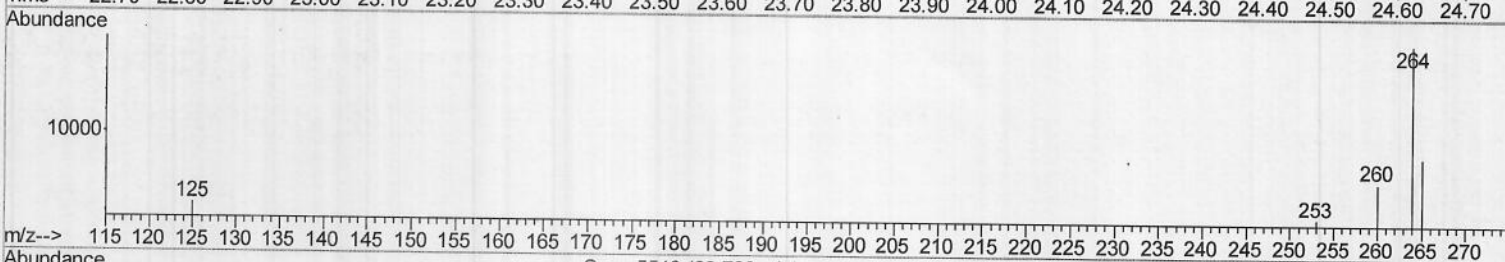
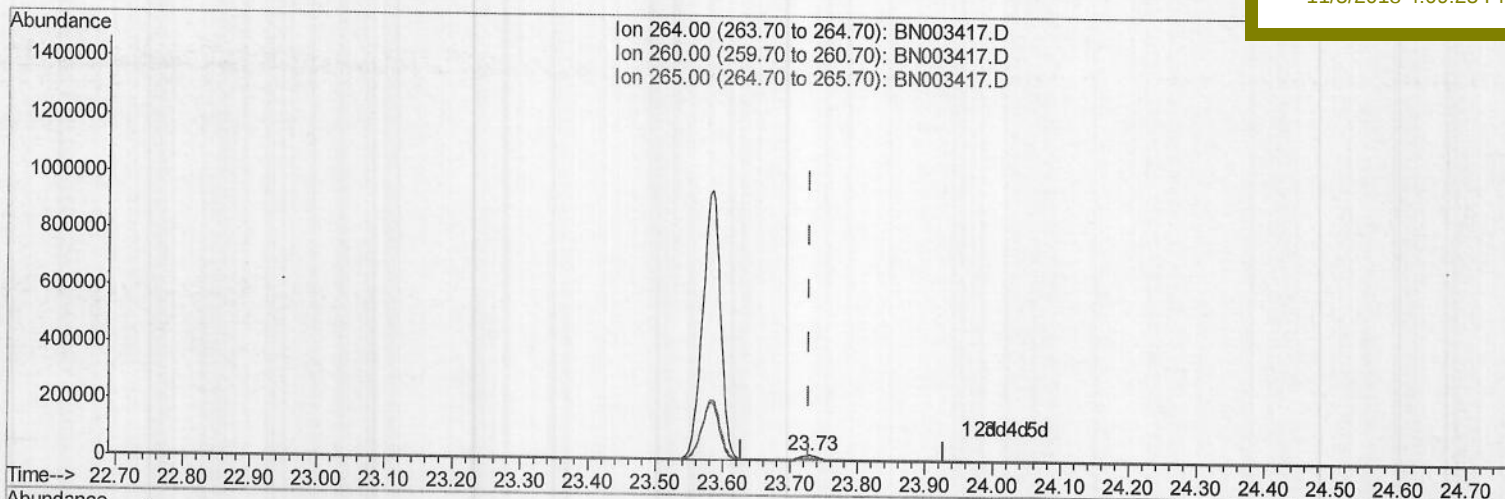
Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:26:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM



(20) Perylene-d12 (I)

23.729min (+0.001) 0.40ng/ul m

response 34871

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	29.09
265.00	33.70	42.30#
0.00	0.00	0.00

SJ
11/03 118

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110218\
Quantitation Report (QT Reviewed)

Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:28:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:49:03 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 4:09:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45728	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25945	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	60278m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	41159m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	34871m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	17224	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	38578m	0.23	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.28	178	4092m	0.021	ng/ul	Qvalue
15) Fluoranthene	19.29	202	6274m	0.028	ng/ul	
17) Pyrene	19.65	202	5800m	0.039	ng/ul	

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

SJ
11/03/18