

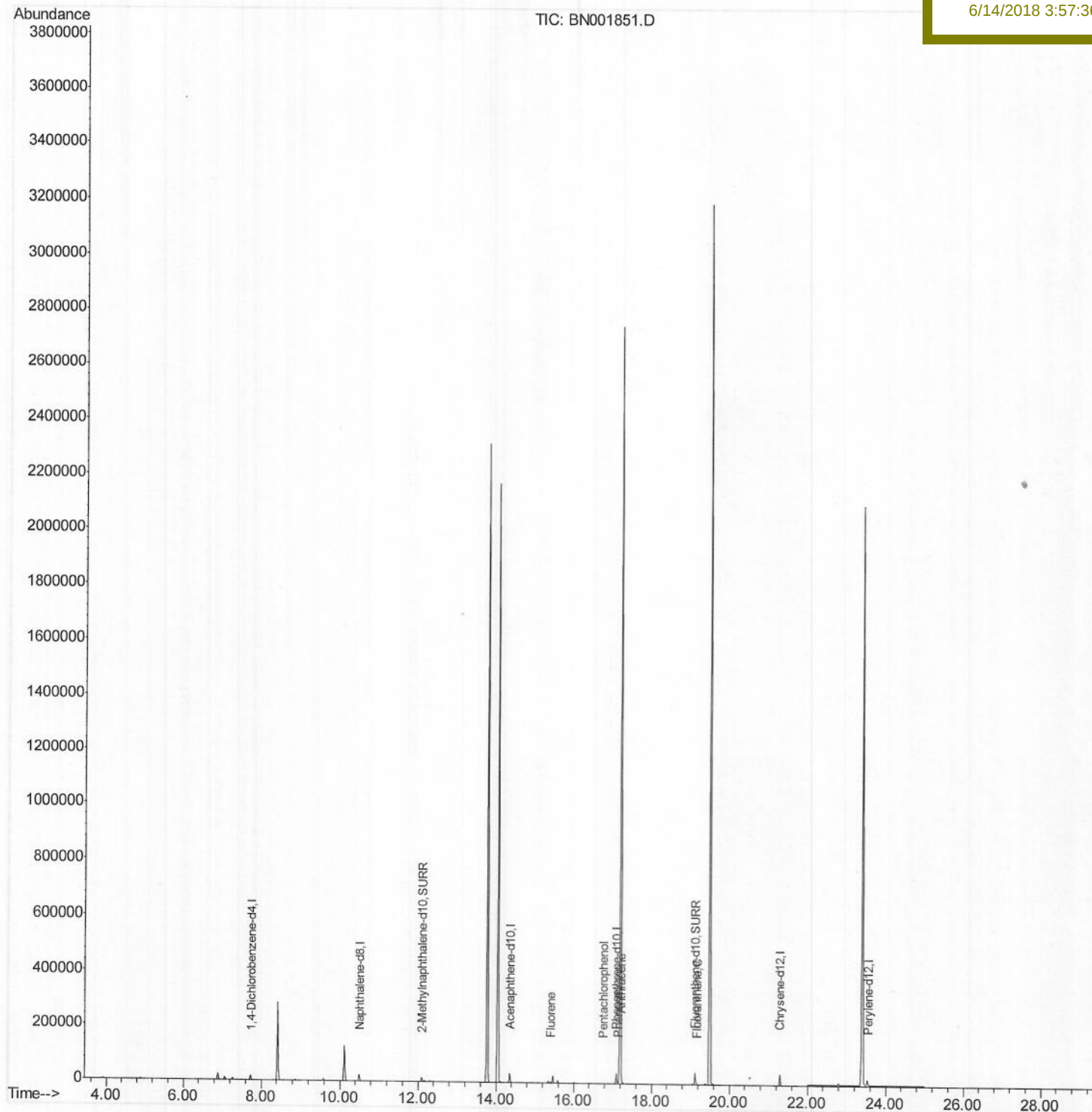
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
Data File : BN001851.D
Acq On : 13 Jun 2018 19:54
Operator : JU/SJ
Sample : J3375-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:45:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 12:02:12 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWS2

Manual Integrations
APPROVED

Sohil
6/14/2018 3:57:36 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:25:38 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

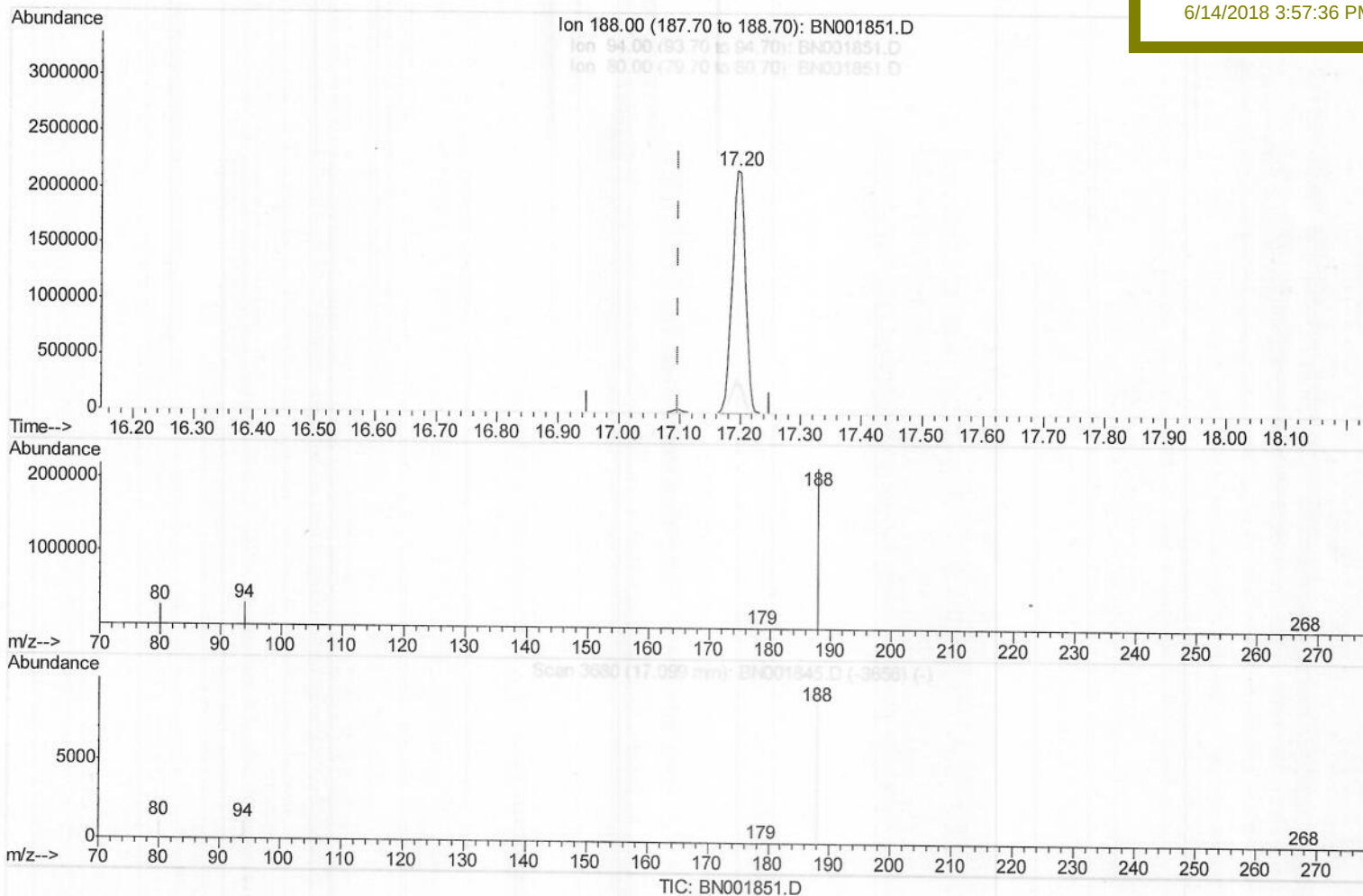
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(10) Phenanthrene-d10 (I)

17.196min (+0.097) 0.40ng/ul

response 3271816

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.48#
80.00	11.80	12.29
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:25:38 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

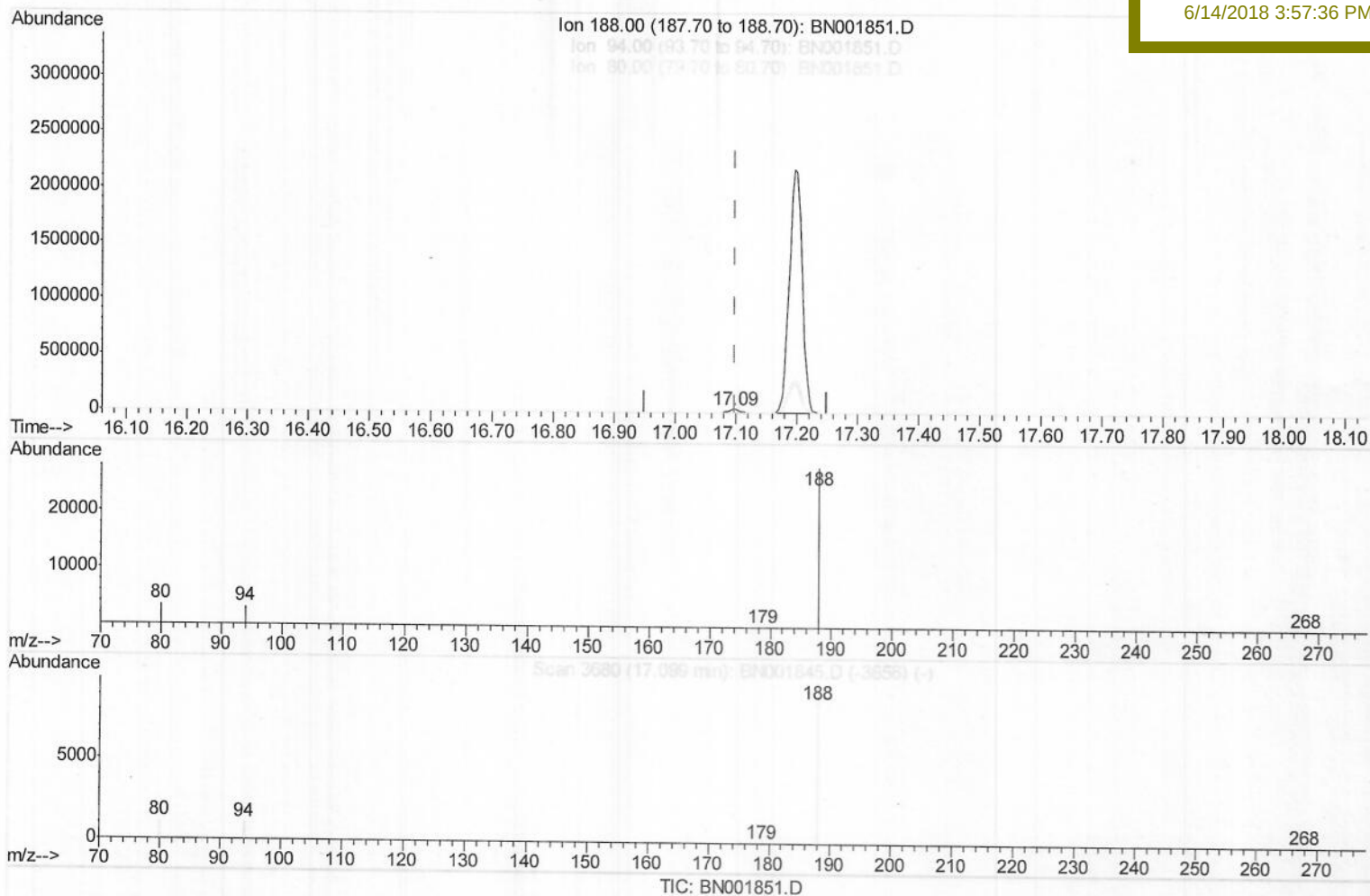
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(10) Phenanthrene-d10 (I)

17.095min (-0.004) 0.40ng/ul m > 500618118

response 40003

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.44
80.00	11.80	12.65
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:25:38 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

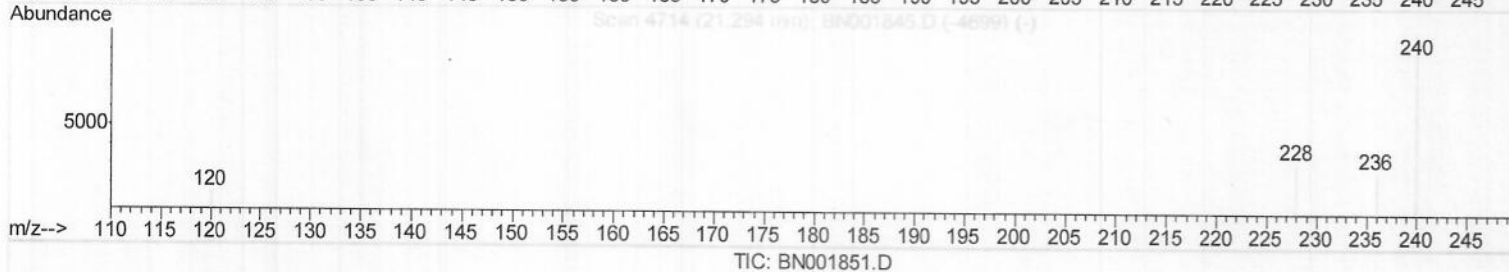
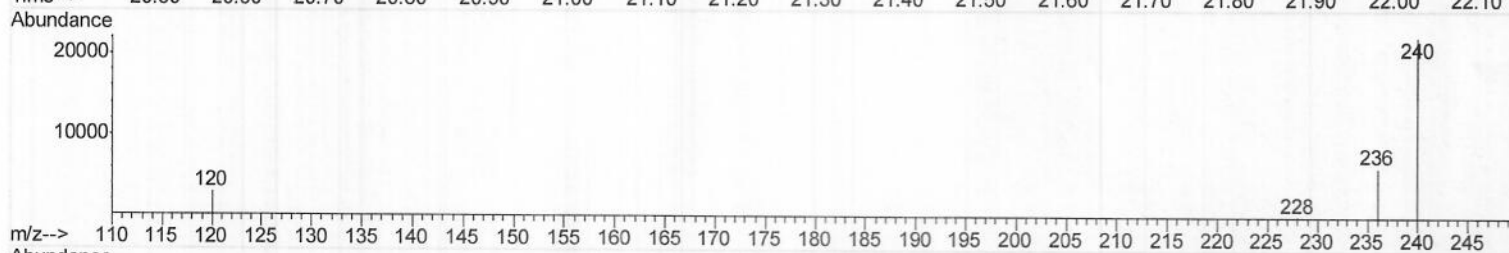
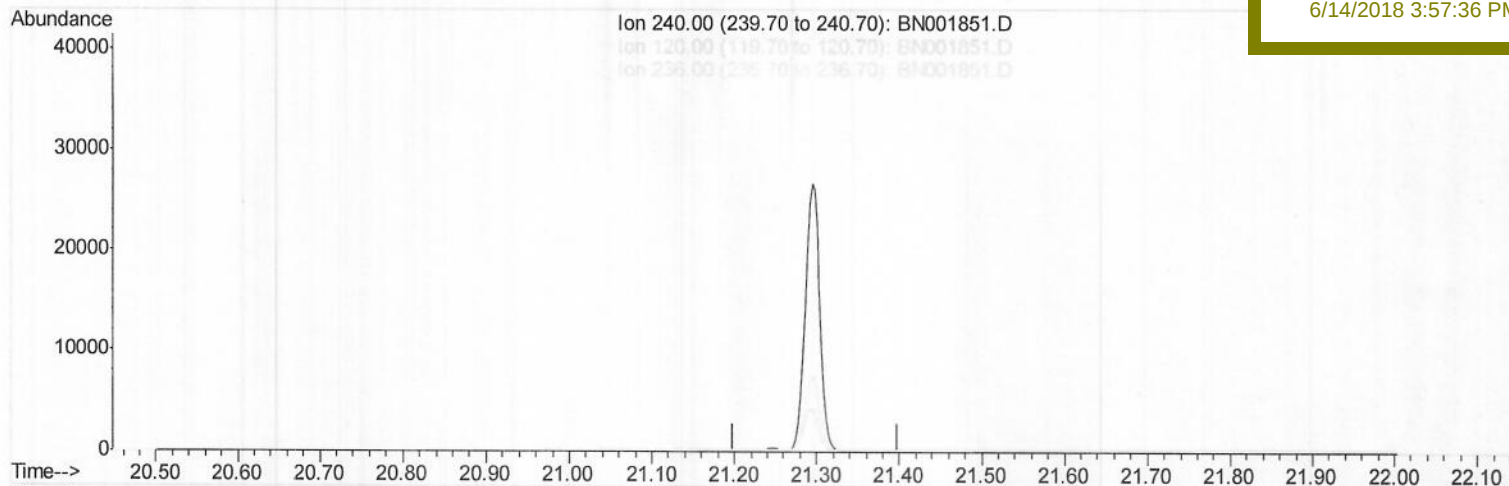
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(16) Chrysene-d12 (I)

21.299min (-21.299) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:25:38 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

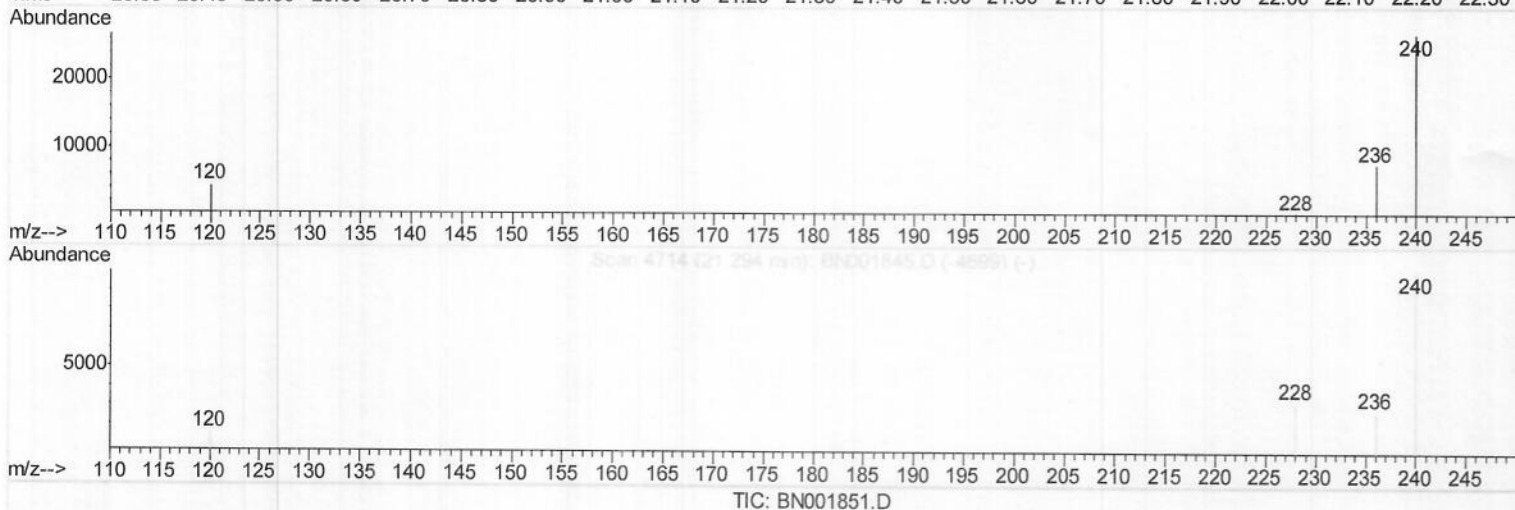
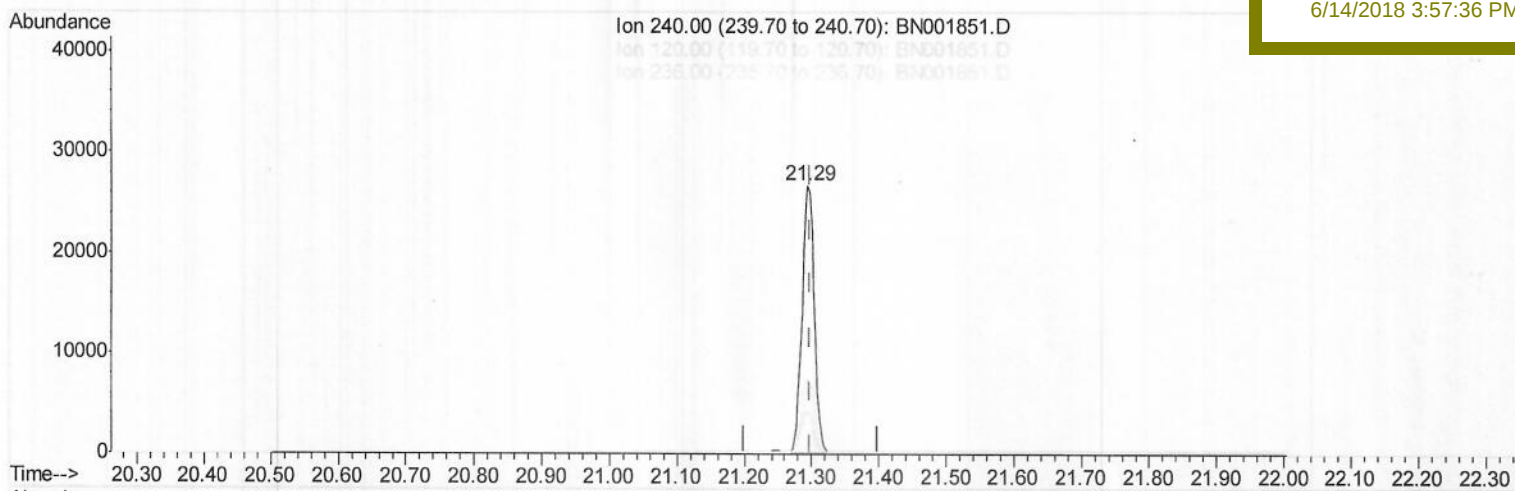
Client Sample Id :

DAWS2

Manual Integrations
APPROVED

Sohil

6/14/2018 3:57:36 PM



(16) Chrysene-d12 (I)

21.295min (-0.005) 0.40ng/ul m JU 06/18/18

response 33411

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	15.80#
236.00	34.90	28.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

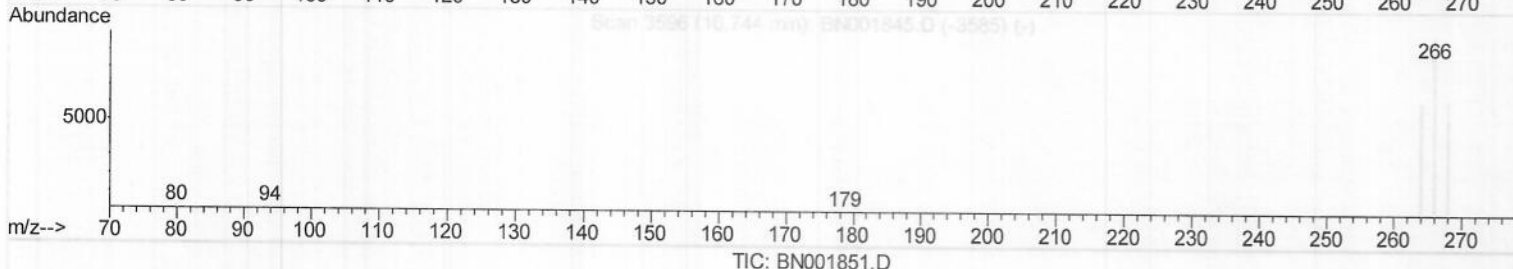
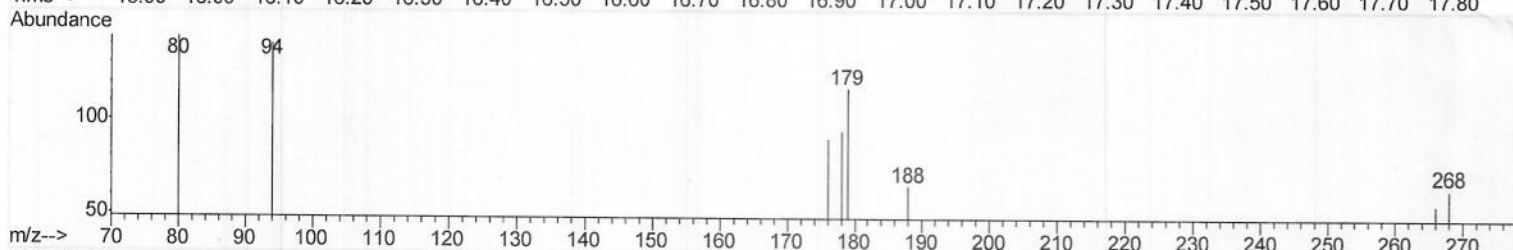
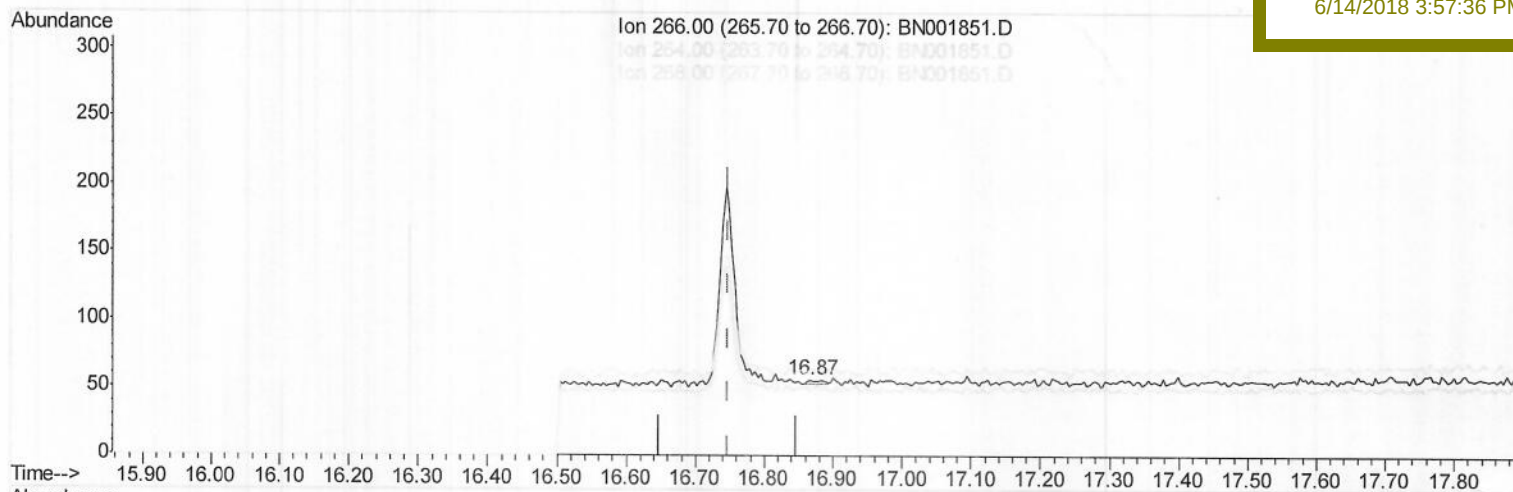
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(11) Pentachlorophenol

16.867min (+0.118) 0.00ng/ul

response 4

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	0.00#
268.00	62.30	150.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

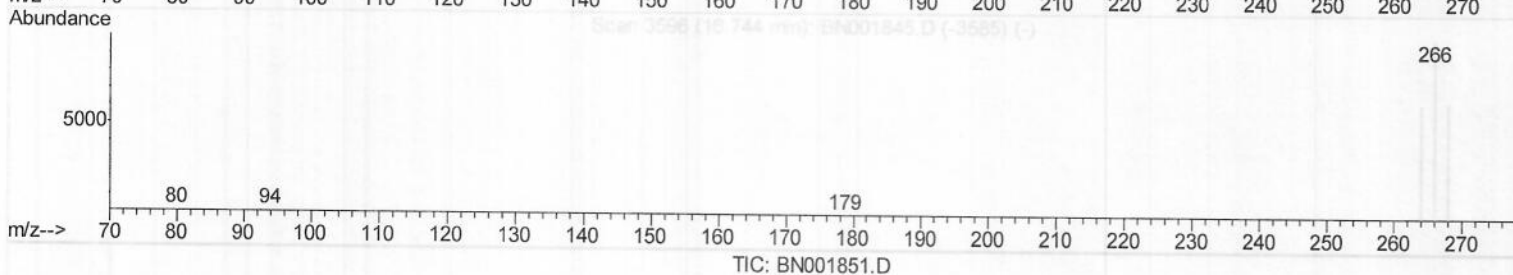
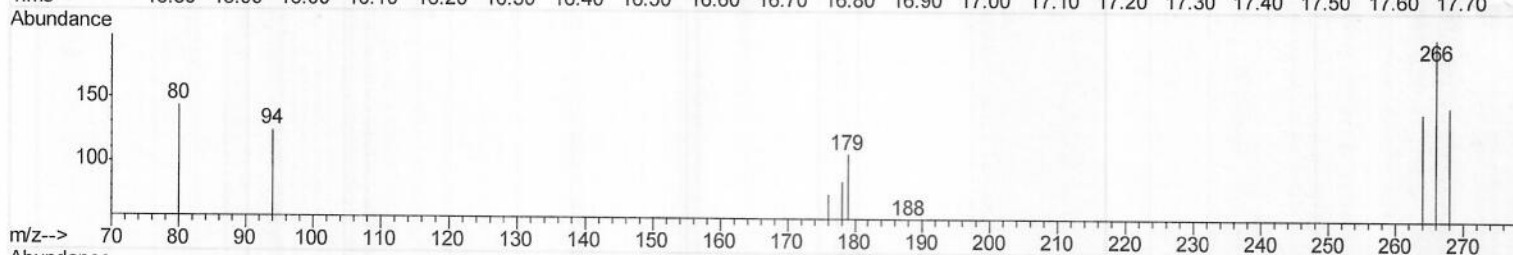
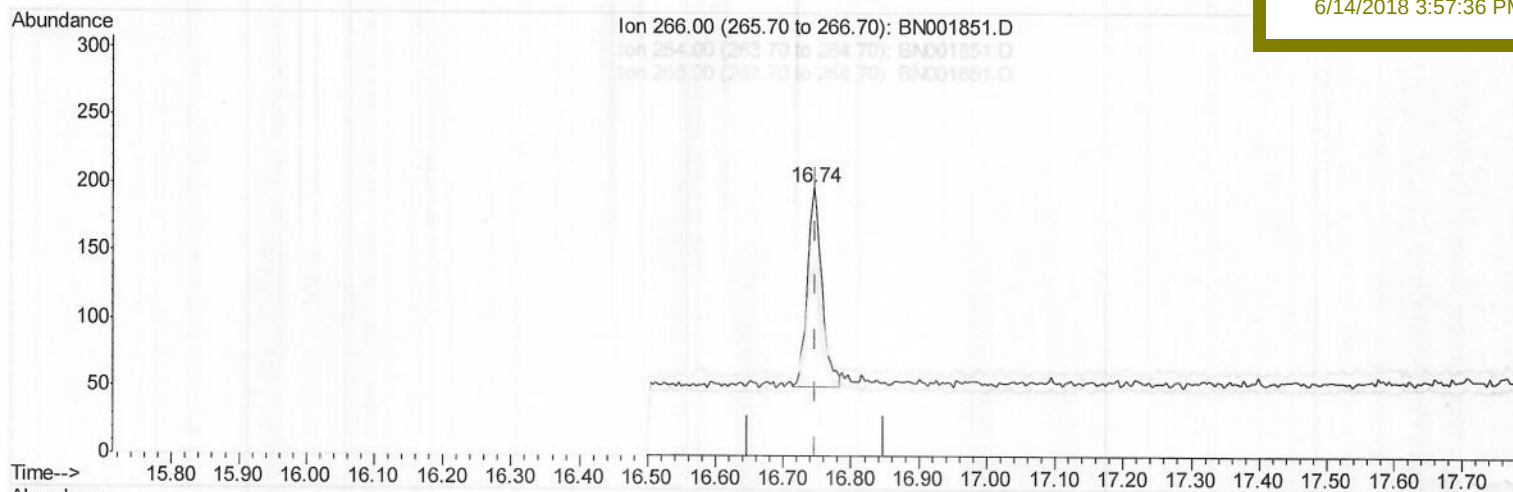
ClientSampleId :

DAWS2

Manual Integrations
APPROVED

Sohil

6/14/2018 3:57:36 PM



(11) Pentachlorophenol

16.744min (-0.004) 0.03ng/ul m JUV 06/18/18

response 218

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	0.00#
268.00	62.30	2.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

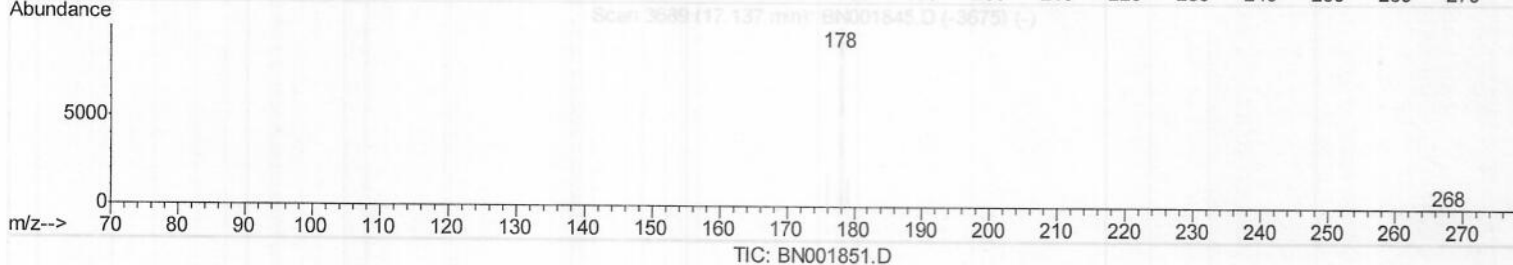
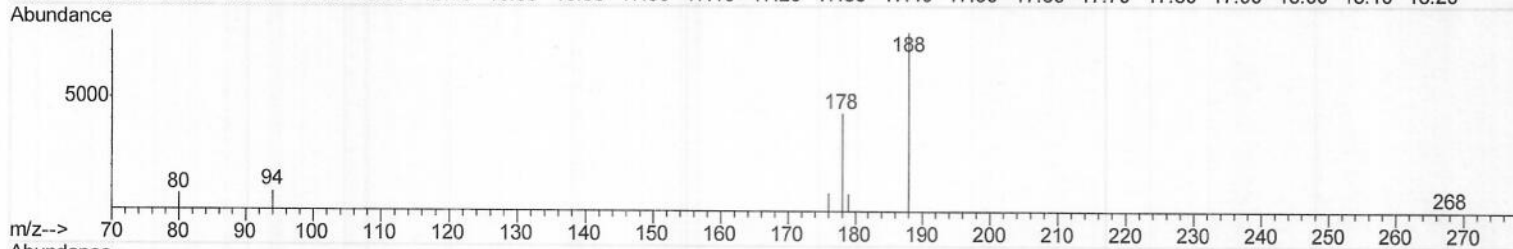
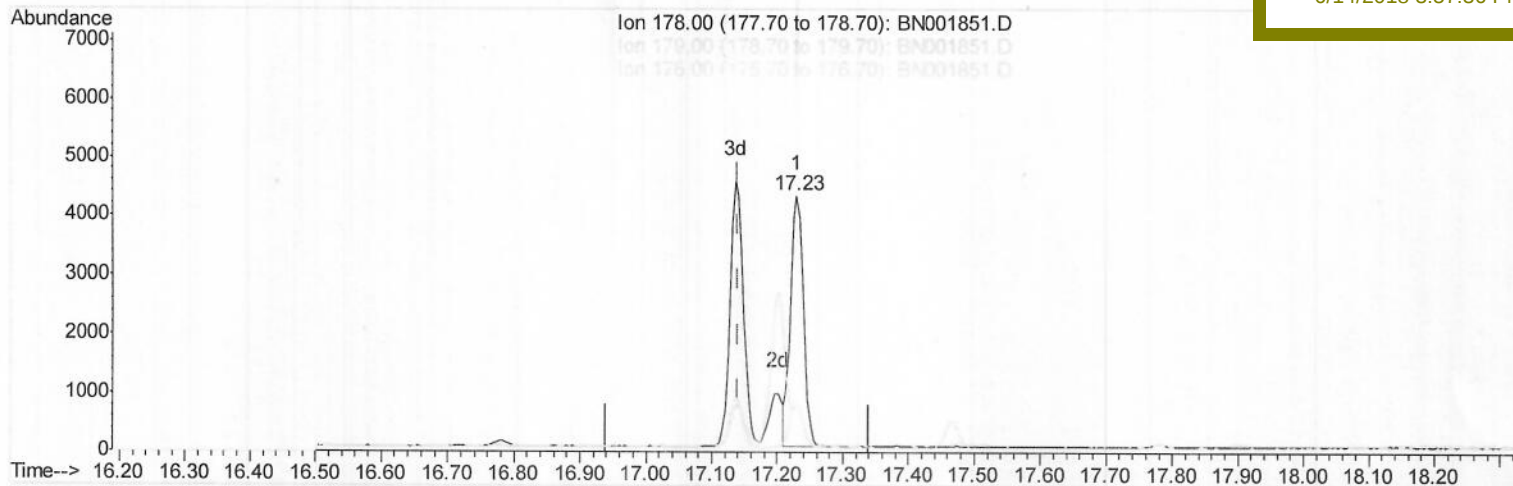
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(12) Phenanthrene

17.230min (+0.089) 0.05ng/ul

response 5893

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.17#
176.00	17.00	20.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

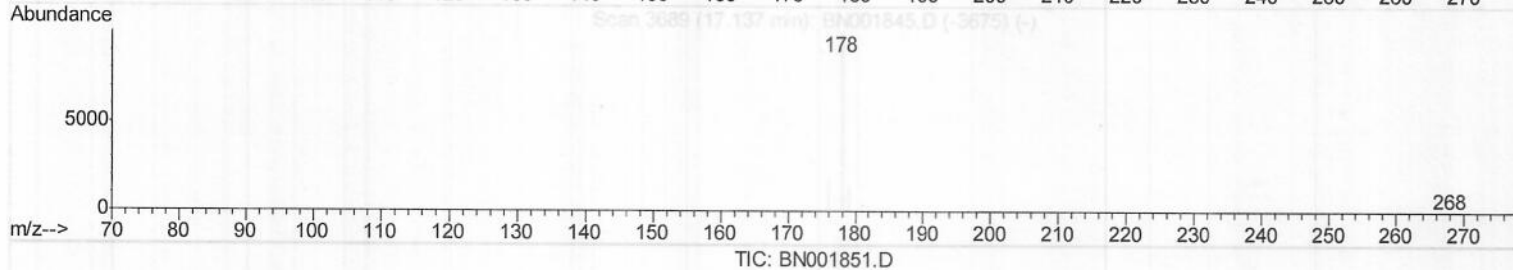
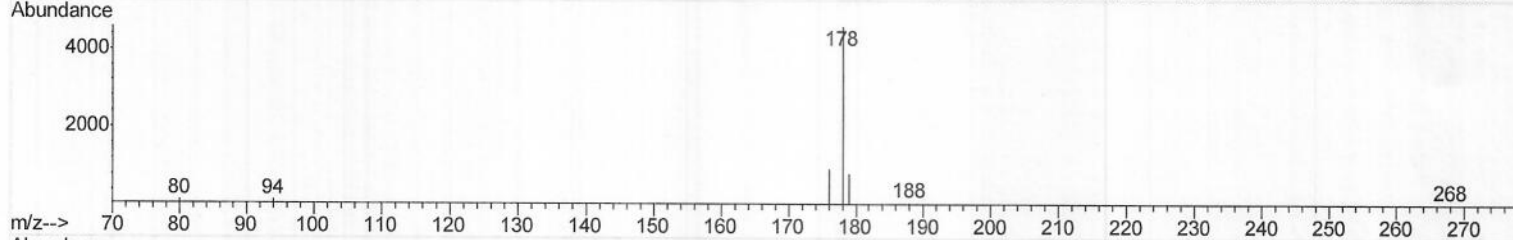
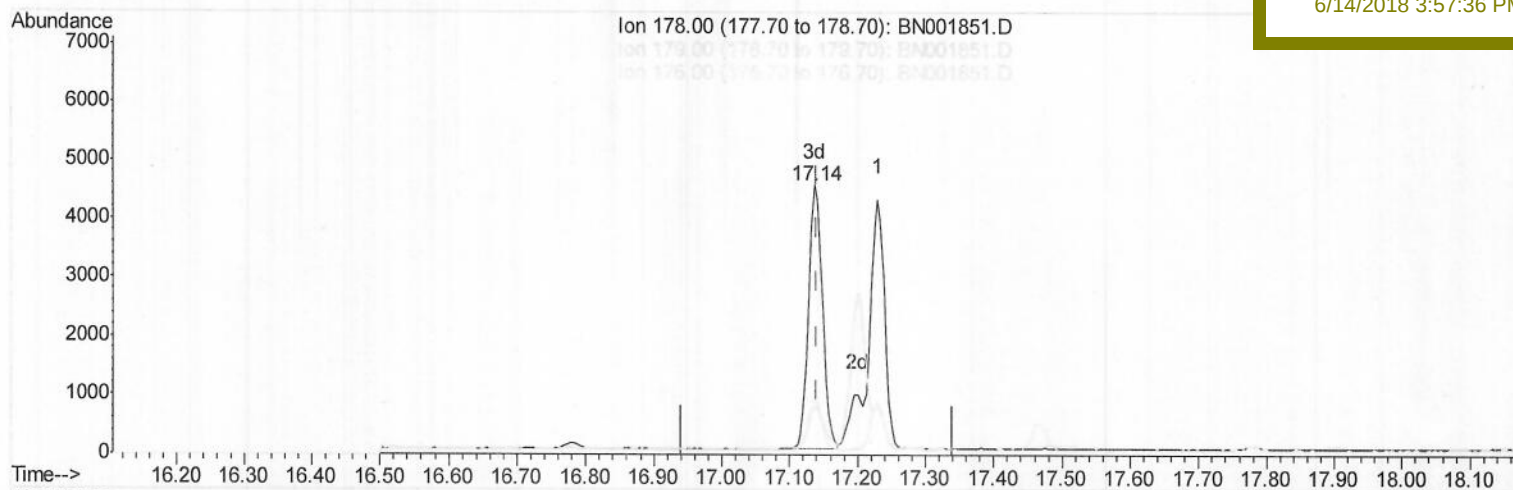
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(12) Phenanthrene

17.137min (-0.004) 0.05ng/ul m JUV061818

response 6319

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.90#
176.00	17.00	20.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

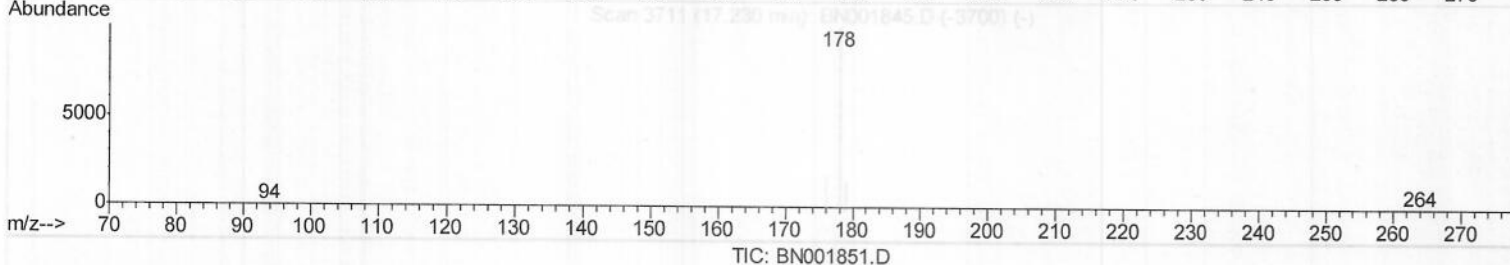
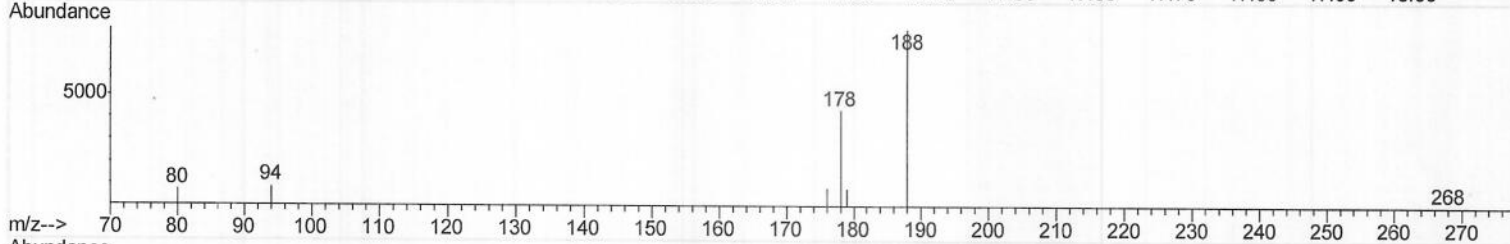
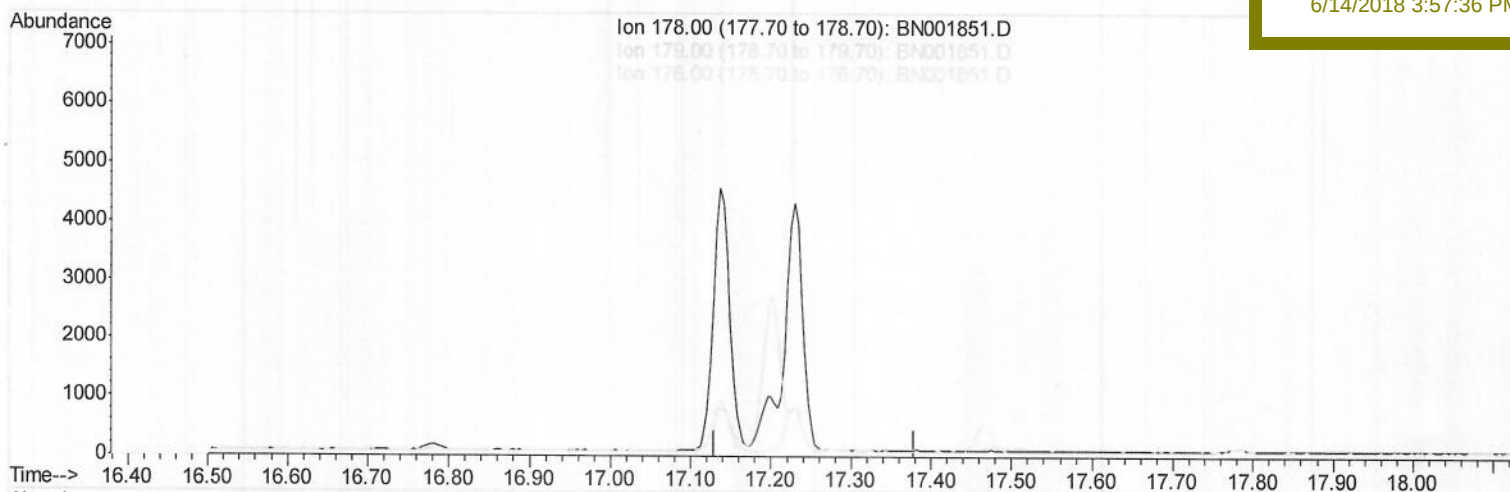
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(13) Anthracene

17.230min (-17.230) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	22.60	0.00#
176.00	18.40	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

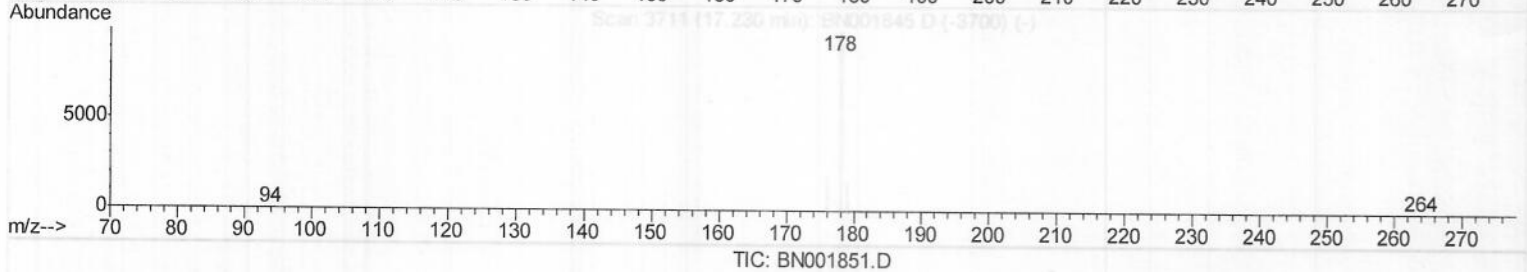
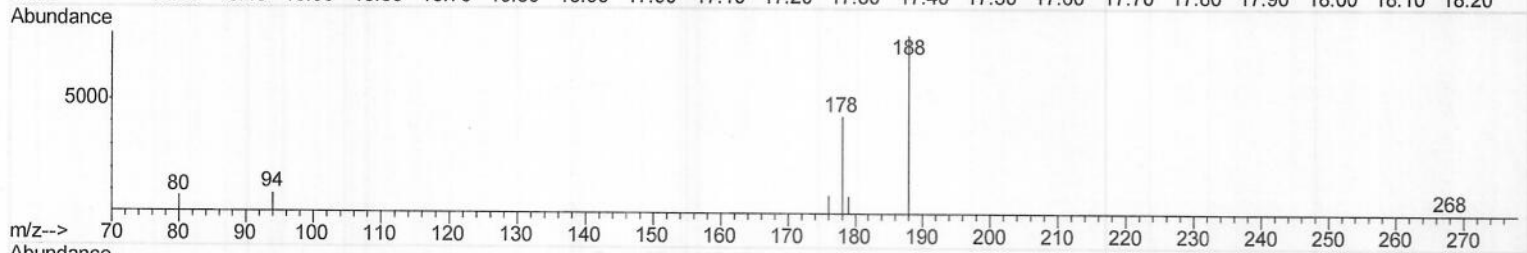
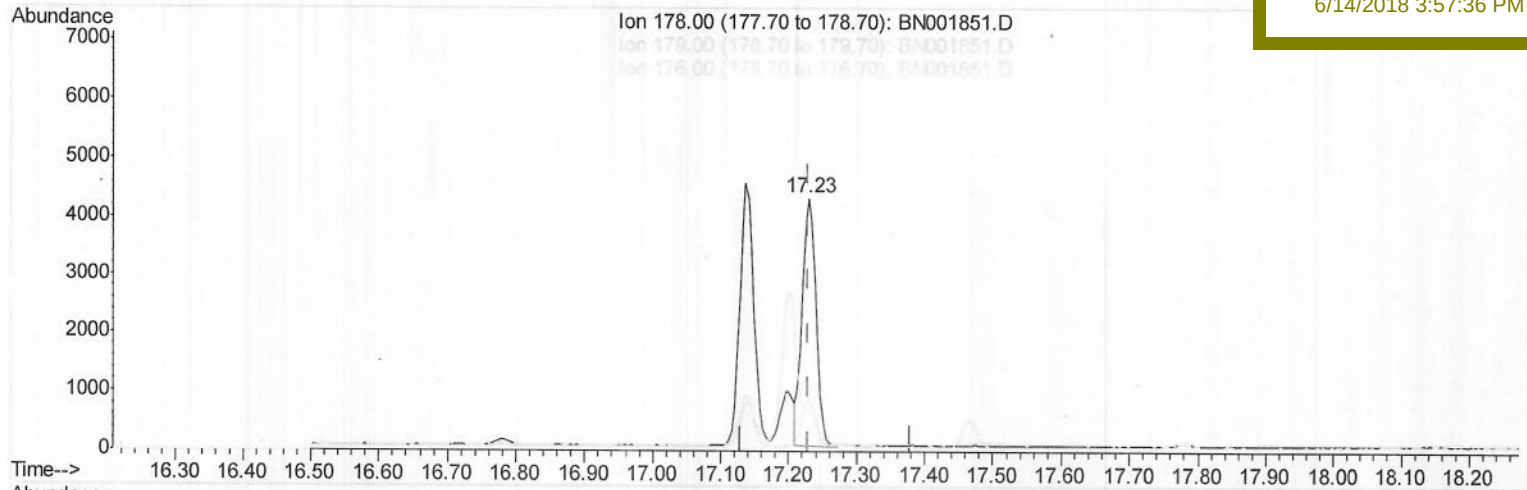
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(13) Anthracene

17.230min (+0.000) 0.05ng/ul m 350 06/18/18

response 5871

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.17
176.00	18.40	20.36
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

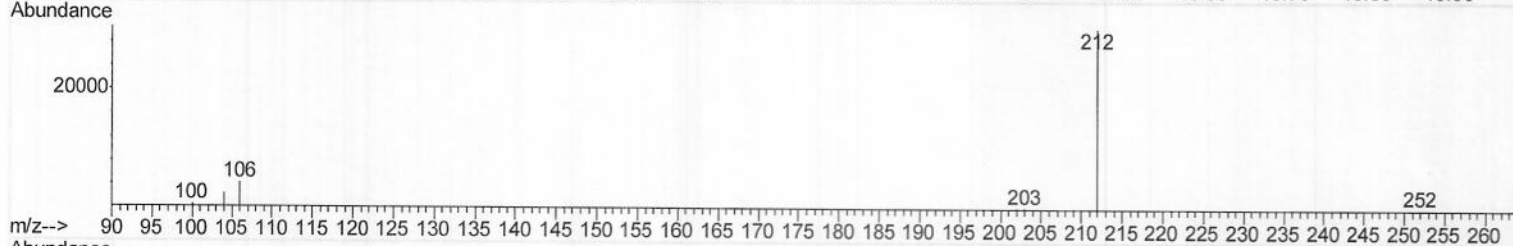
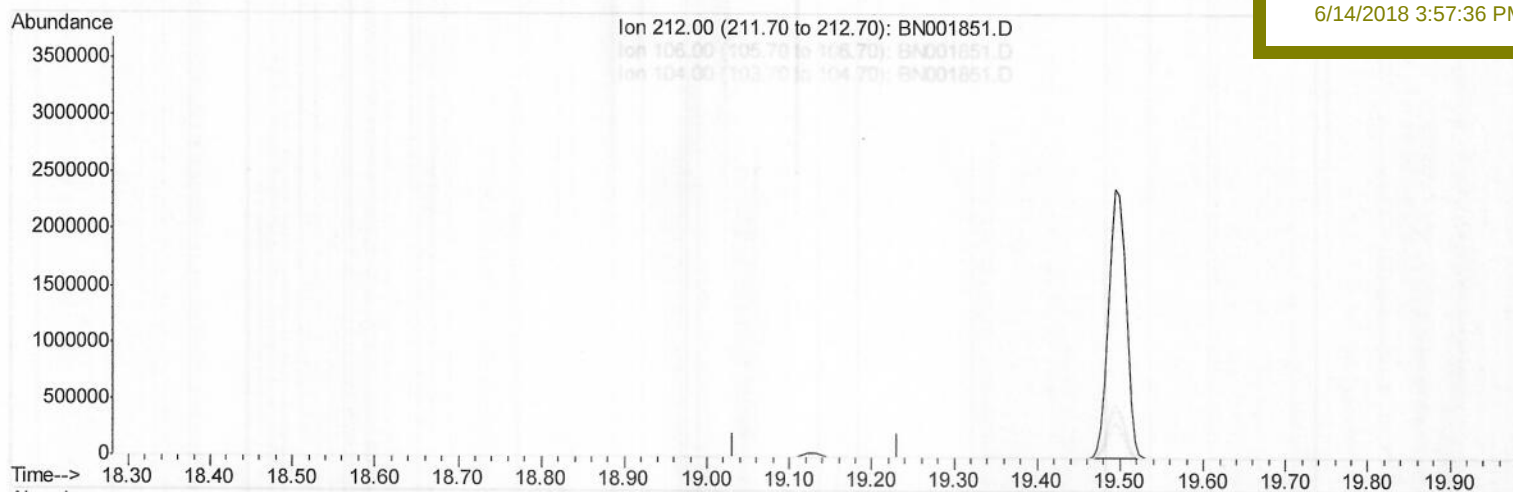
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



TIC: BN001851.D

(14) Fluoranthene-d10 (SURR)

19.132min (-19.132) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

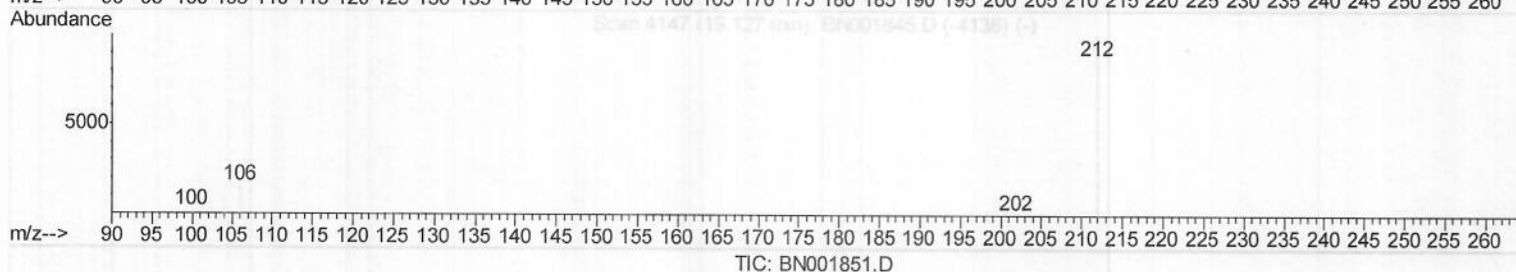
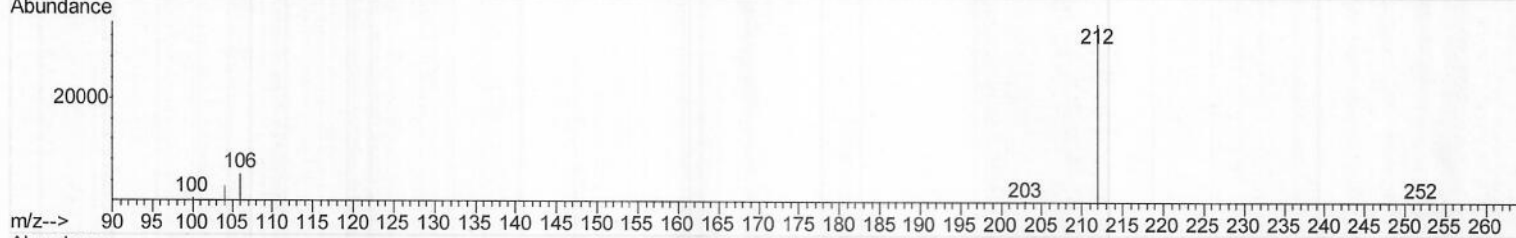
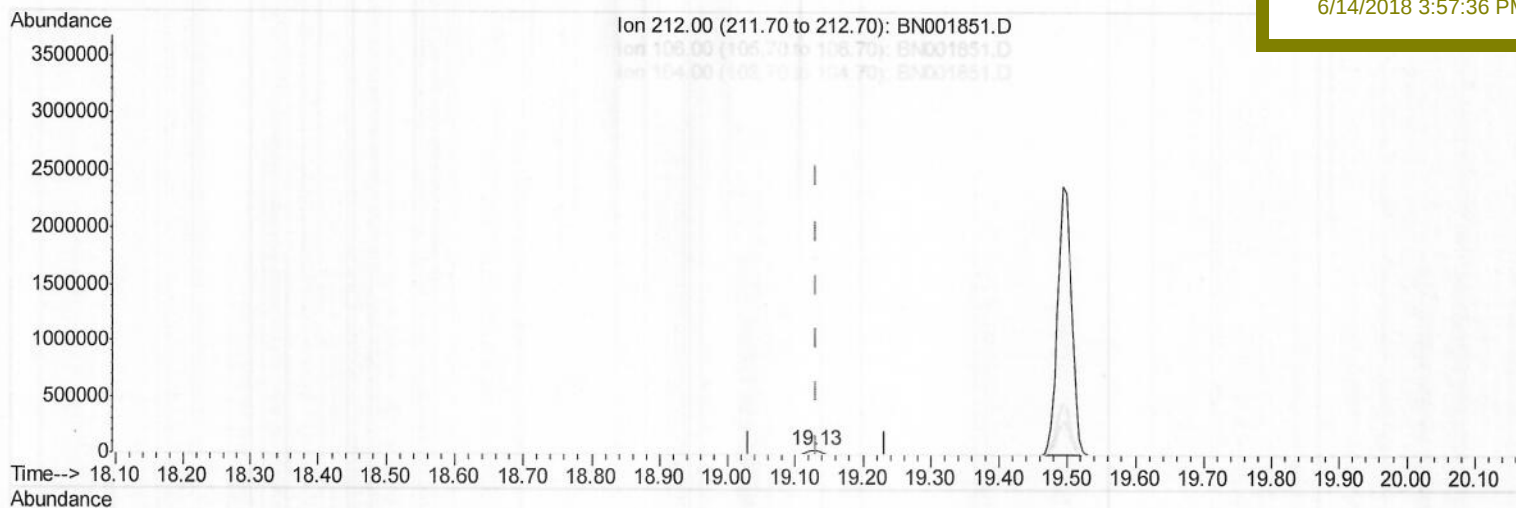
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
Data File : BN001851.D
Acq On : 13 Jun 2018 19:54
Operator : JU/SJ
Sample : J3375-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 12:02:12 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAWS2

Manual Integrations
APPROVED

Sohil
6/14/2018 3:57:36 PM



(14) Fluoranthene-d10 (SURR)

19.127min (-0.005) 0.38ng/ul m 25006118/118

response 46115

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

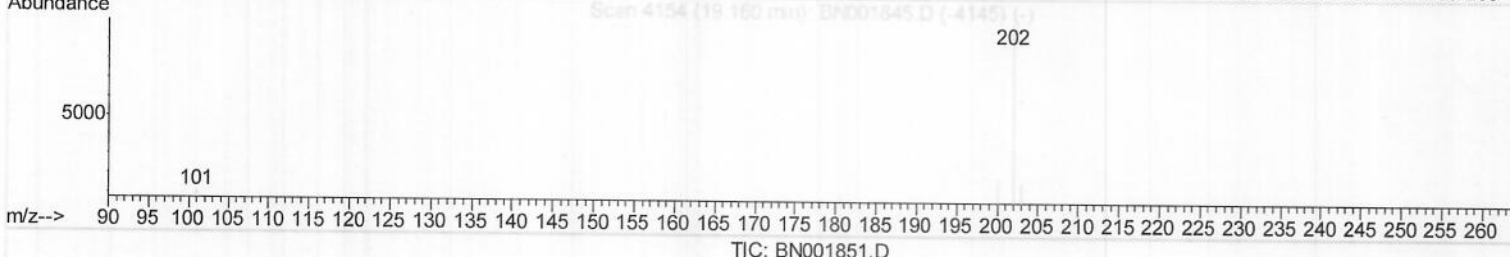
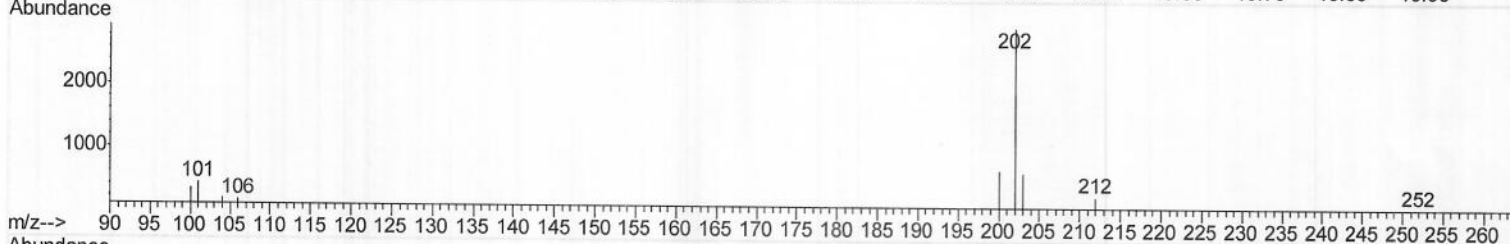
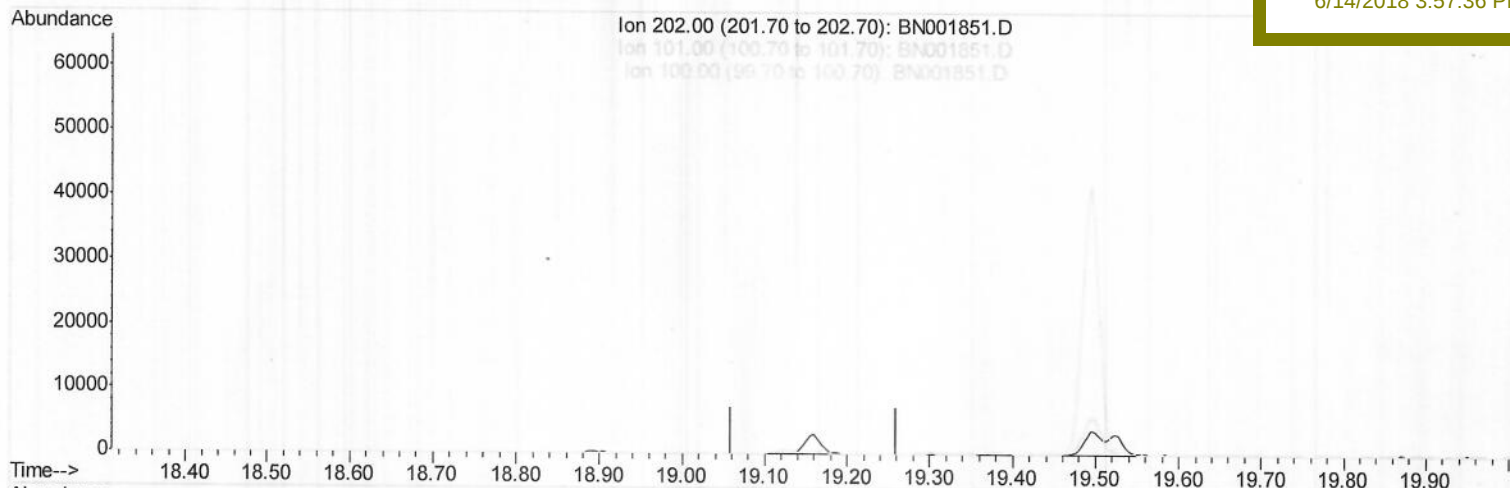
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
 Data File : BN001851.D
 Acq On : 13 Jun 2018 19:54
 Operator : JU/SJ
 Sample : J3375-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample Id :
 DAWS2

Manual Integrations
 APPROVED

Sohil
 6/14/2018 3:57:36 PM

Quant Time: Jun 14 05:43:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 12:02:12 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.160min (-19.160) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.00	0.00
100.00	10.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\

Data File : BN001851.D

Acq On : 13 Jun 2018 19:54

Operator : JU/SJ

Sample : J3375-07

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 14 05:43:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 13 12:02:12 2018

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample Id :

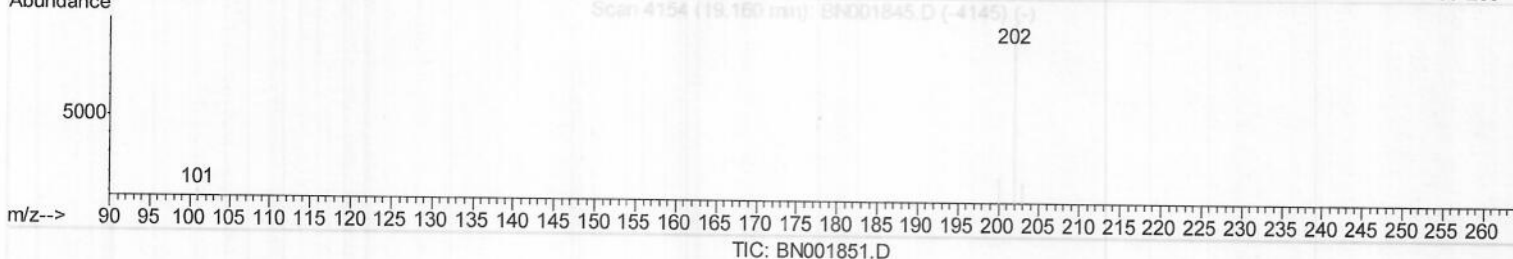
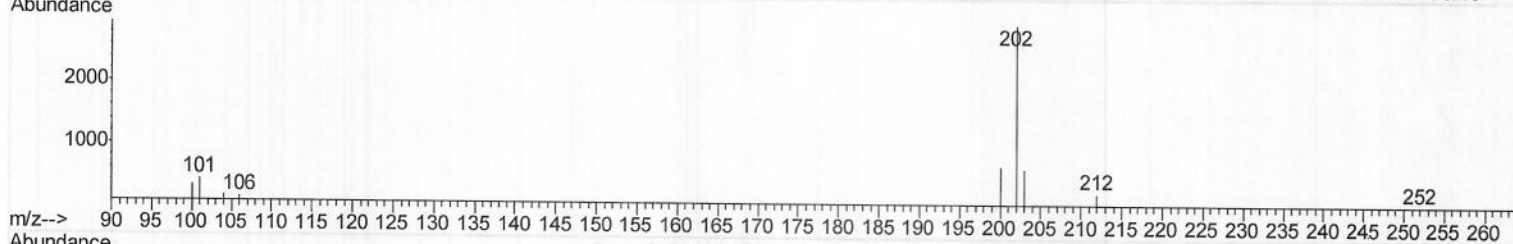
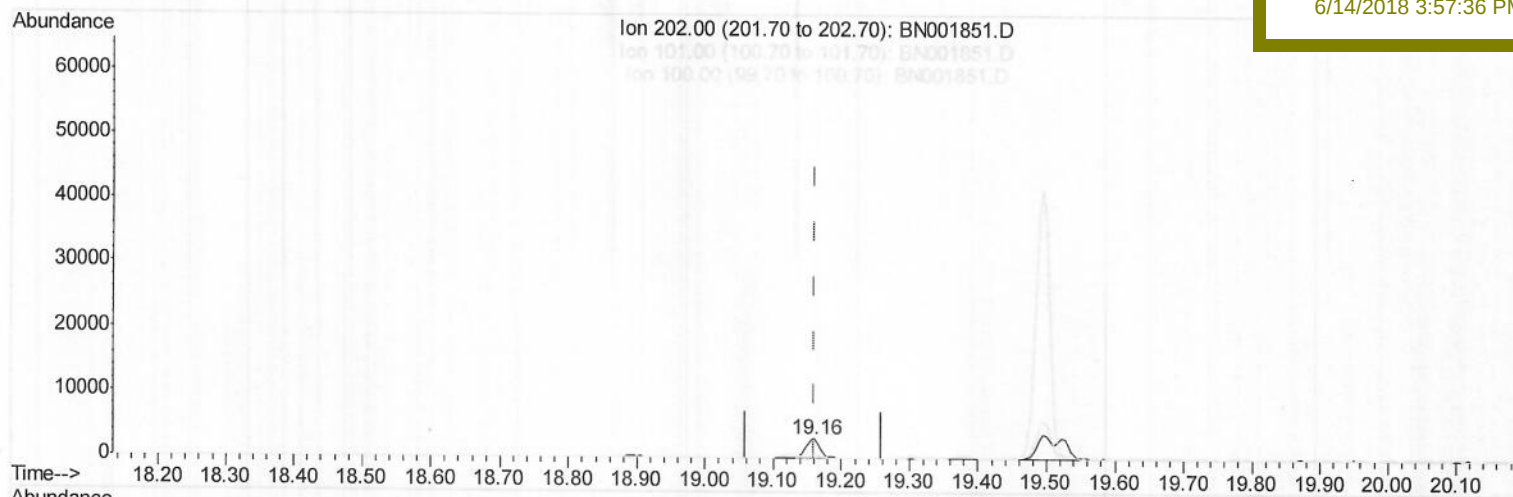
DAWS2

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:36 PM



(15) Fluoranthene (C)

19.160min (+0.000) 0.03ng/ul m>JU0618118

response 4017

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	13.90
100.00	10.00	10.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
 Data File : BN001851.D
 Acq On : 13 Jun 2018 19:54
 Operator : JU/SJ
 Sample : J3375-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample ID :
 DAWS2

Quant Time: Jun 14 05:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 12:02:12 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 6/14/2018 3:57:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	7311	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	29452	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	18188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	40003m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	33411m)	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	31707	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	18281	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	46115m)	0.38	ng/ul	0.00
Target Compounds						
9) Fluorene	15.40	166	1567	0.021	ng/ul	Ovalue 93
11) Pentachlorophenol	16.74	266	218m)	0.029	ng/ul	
12) Phenanthrene	17.14	178	6319m)	0.053	ng/ul	
13) Anthracene	17.23	178	5871m)	0.052	ng/ul	
15) Fluoranthene	19.16	202	4017m)	0.028	ng/ul	

ju 06/18/18

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