

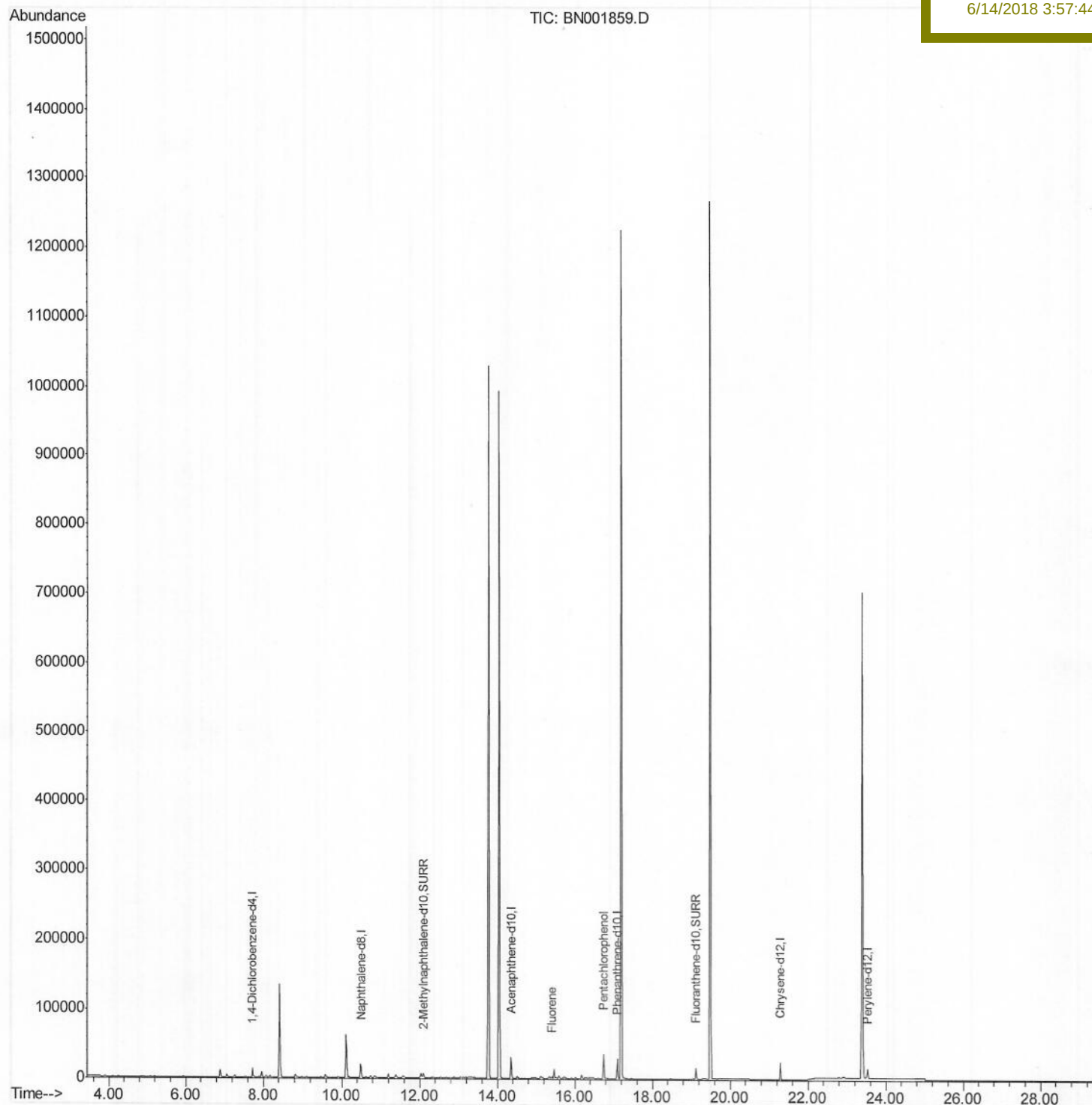
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
Data File : BN001859.D
Acq On : 14 Jun 2018 00:36
Operator : JU/SJ
Sample : J3375-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 06:35:13 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 :
DAWS8DL

Manual Integrations
APPROVED

Sohil
6/14/2018 3:57:44 PM



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

Data File : BN001858.D

Acq On : 14 Jun 2018 00:01

Operator : JU/SJ

Sample : J3405-07

Misc :

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 14 06:30:19 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

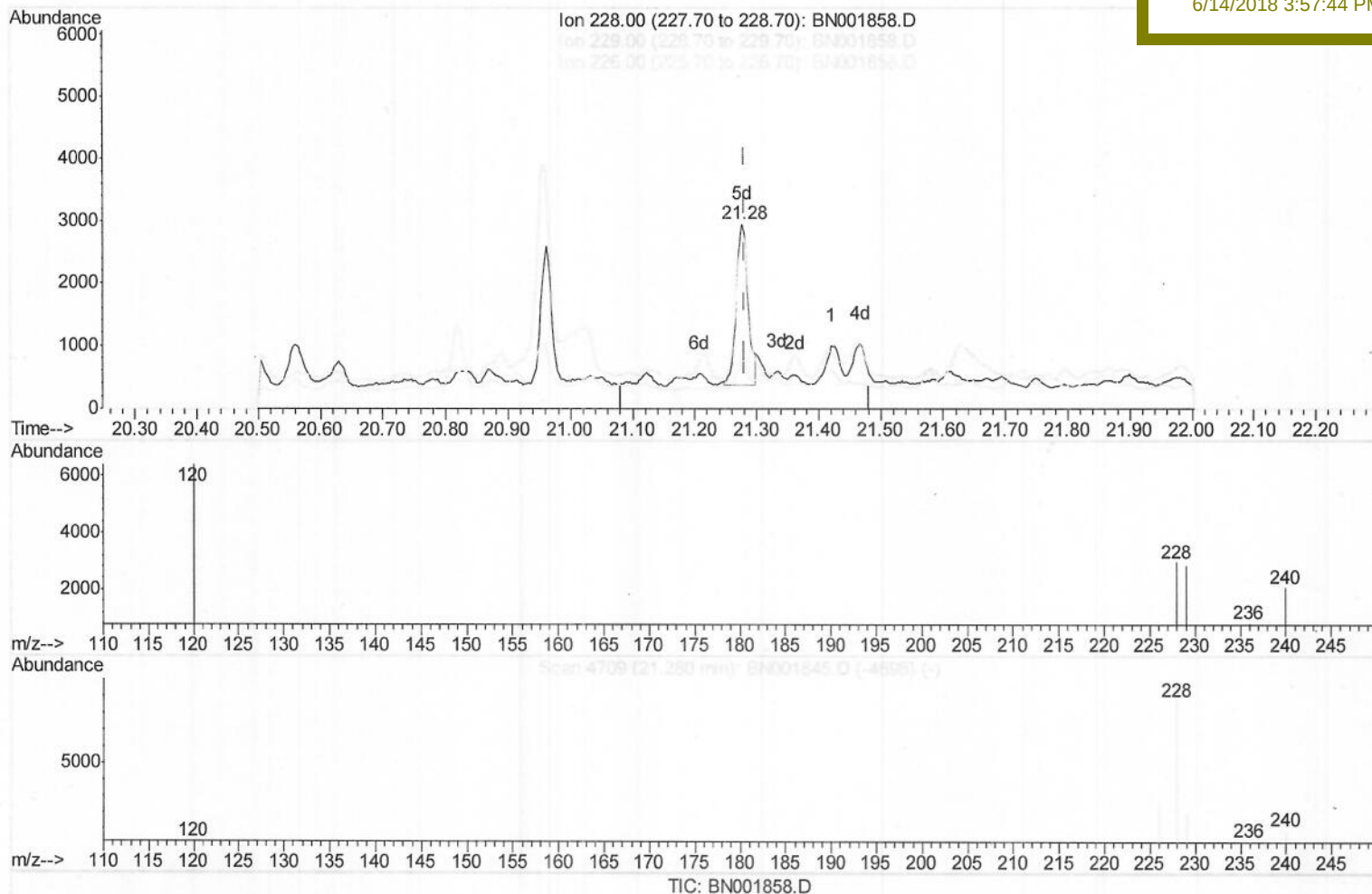
Client Sampled :

DAWS8DL

Manual Integrations
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(18) Benzo(a)anthracene

21.277min (-0.005) 0.04ng/ul m) JU06/18/18

response 3403

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	96.04#
226.00	21.30	25.69#
0.00	0.00	0.00

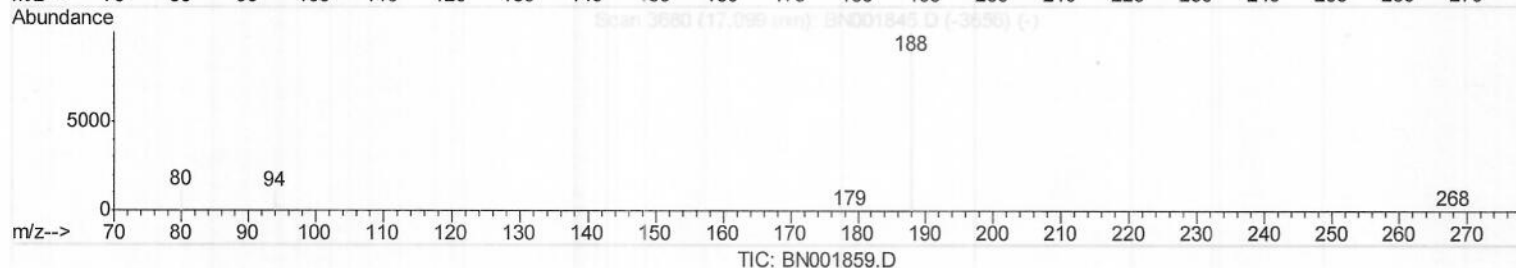
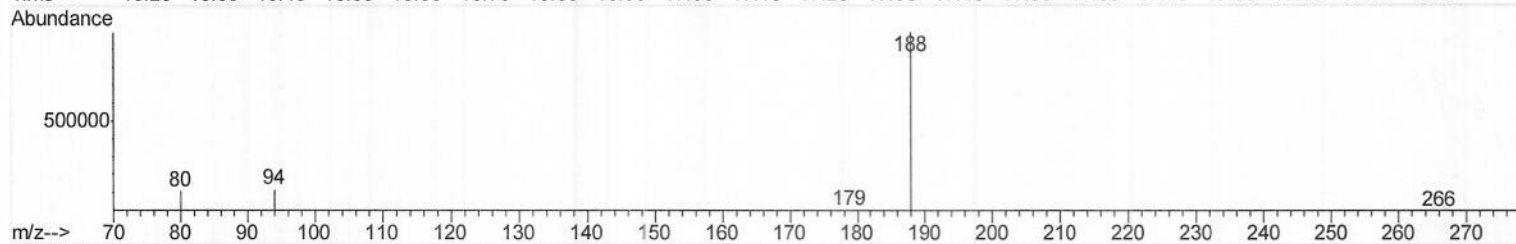
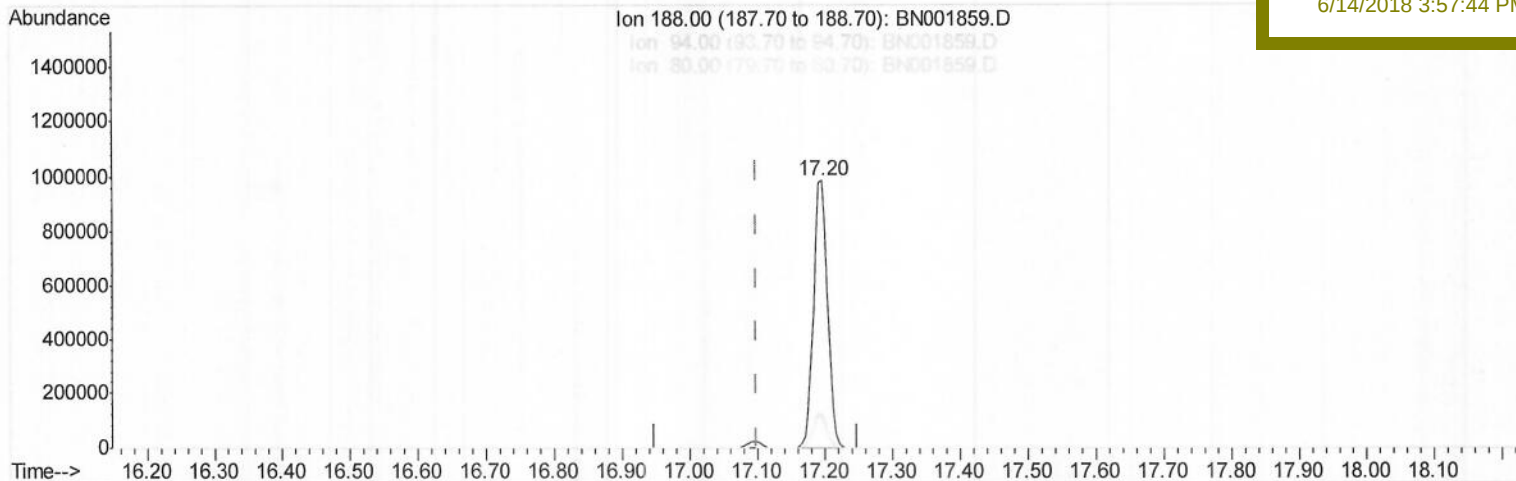
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
 Data File : BN001859.D
 Acq On : 14 Jun 2018 00:36
 Operator : JU/SJ
 Sample : J3375-11DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 05:26:27 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 :
 DAWS8DL

Manual Integrations
 APPROVED

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(10) Phenanthrene-d10 (I)
 17.196min (+0.097) 0.40ng/ul
 response 1414846

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.96
80.00	11.80	10.73
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
Data File : BN001859.D
Acq On : 14 Jun 2018 00:36
Operator : JU/SJ
Sample : J3375-11DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 05:26:27 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

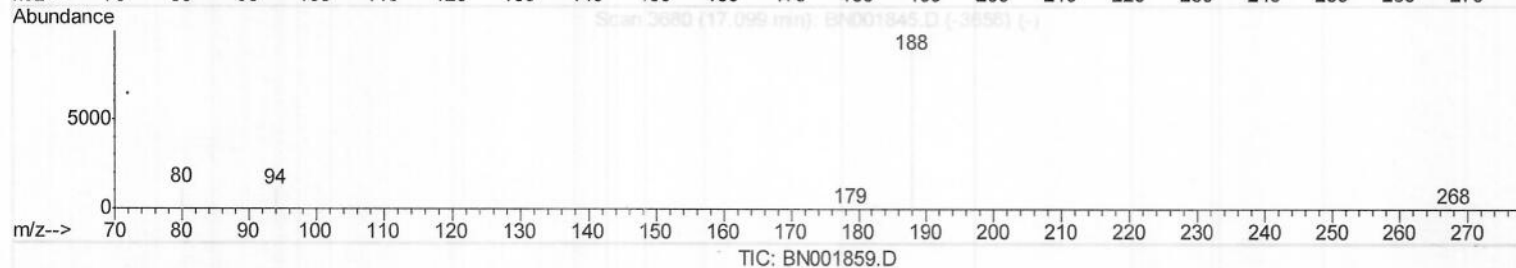
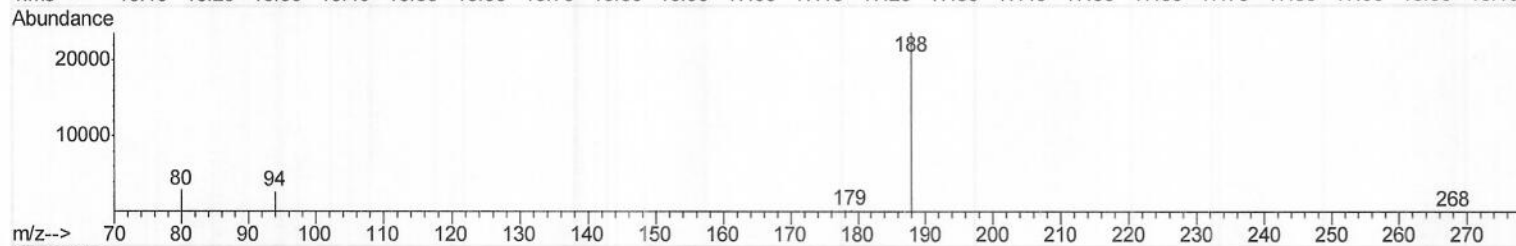
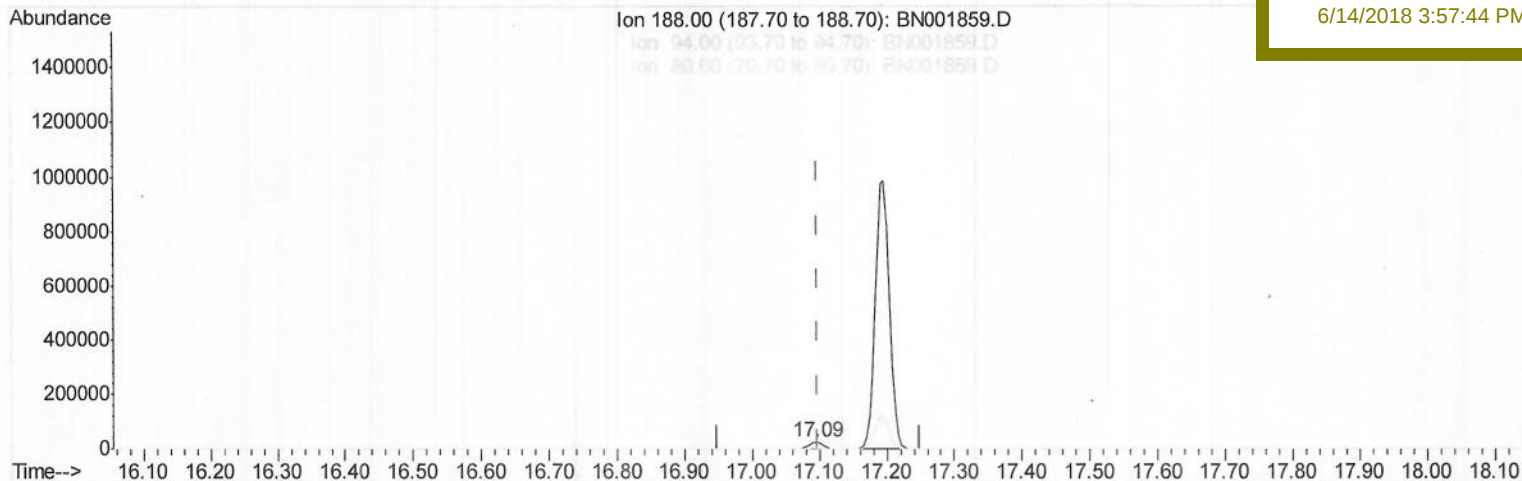
ClientSampleId :

DAWS8DL

Manual Integrations
APPROVED

Sohil

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(10) Phenanthrene-d10 (I)

17.095min (-0.004) 0.40ng/ul m) JU 06/18/18

response 32583

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.43
80.00	11.80	12.40
0.00	0.00	0.00

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 05:26:27 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

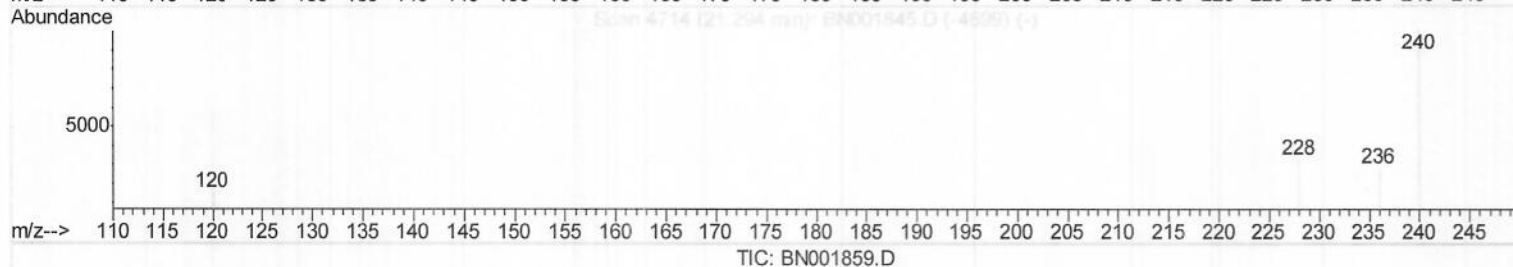
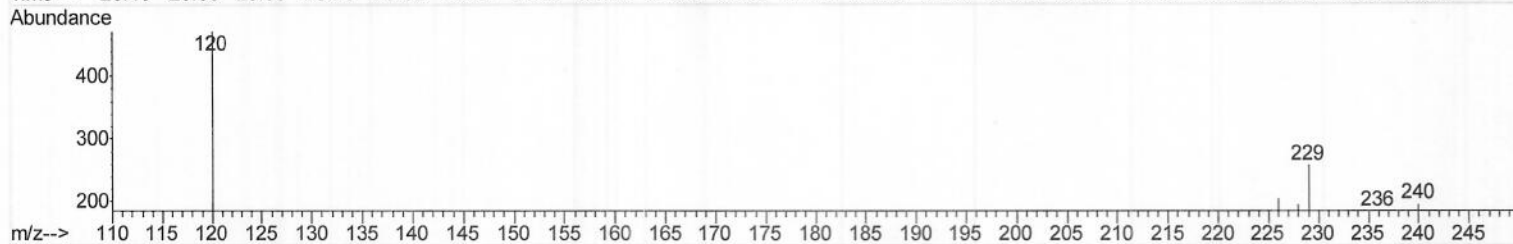
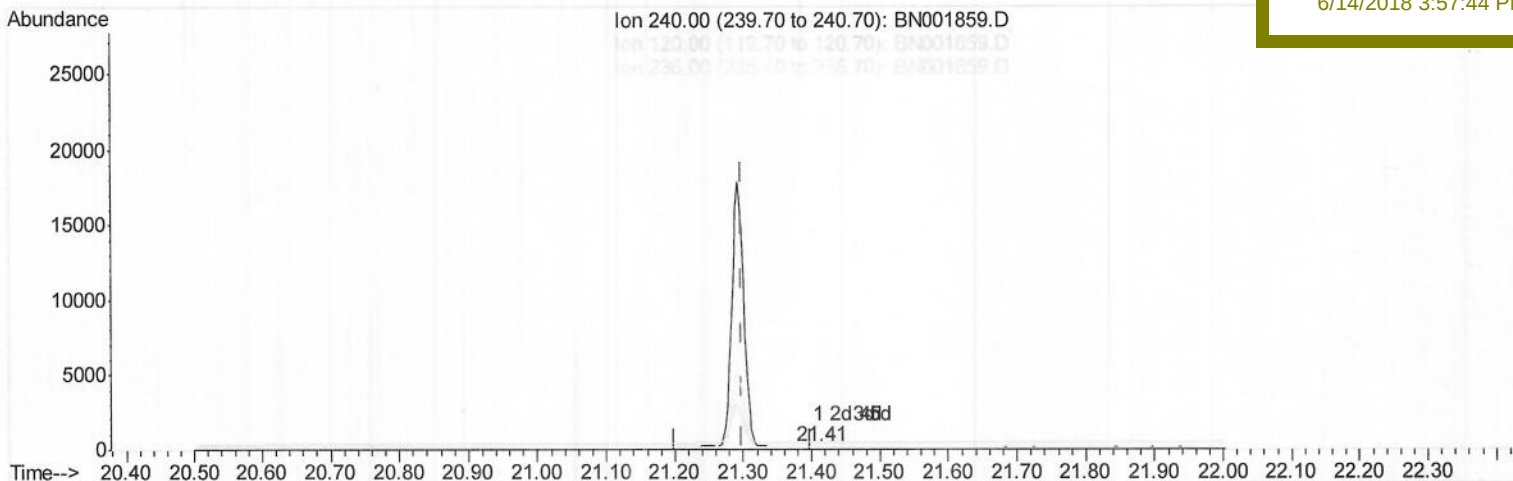
ClientSampleId :

DAWS8DL

Manual Integrations
APPROVED

Sohil

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(16) Chrysene-d12 (I)

21.411min (+0.112) 0.40ng/ul

response 69

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	241.54#
236.00	34.90	94.87#
0.00	0.00	0.00

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 05:26:27 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 :

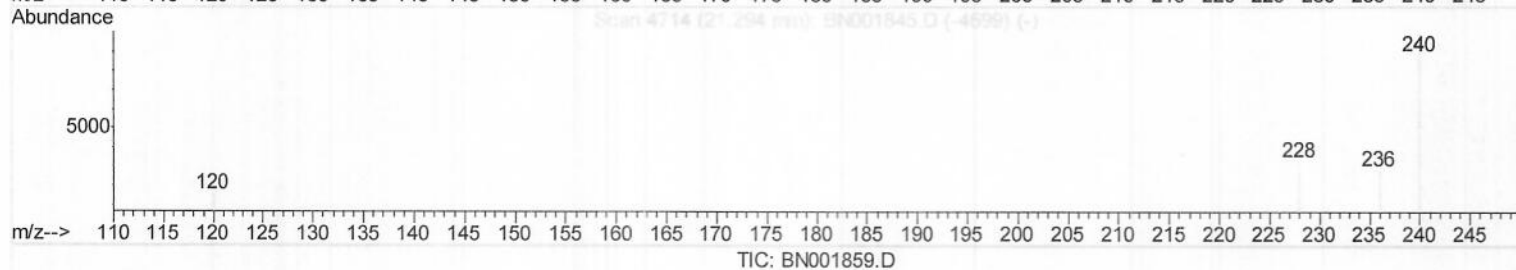
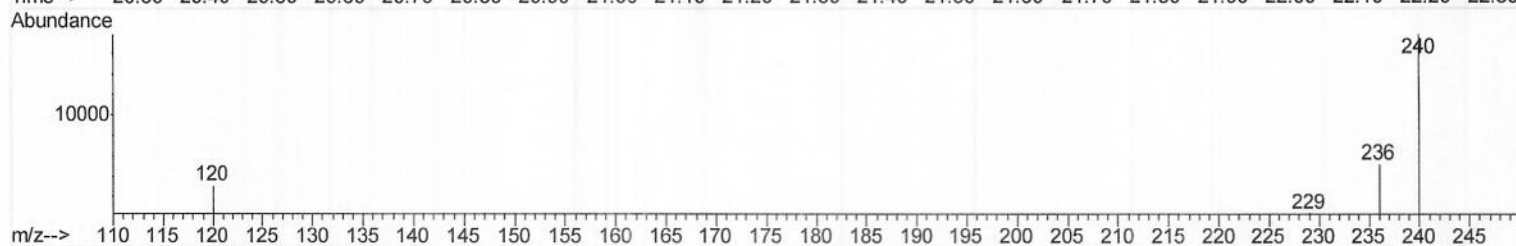
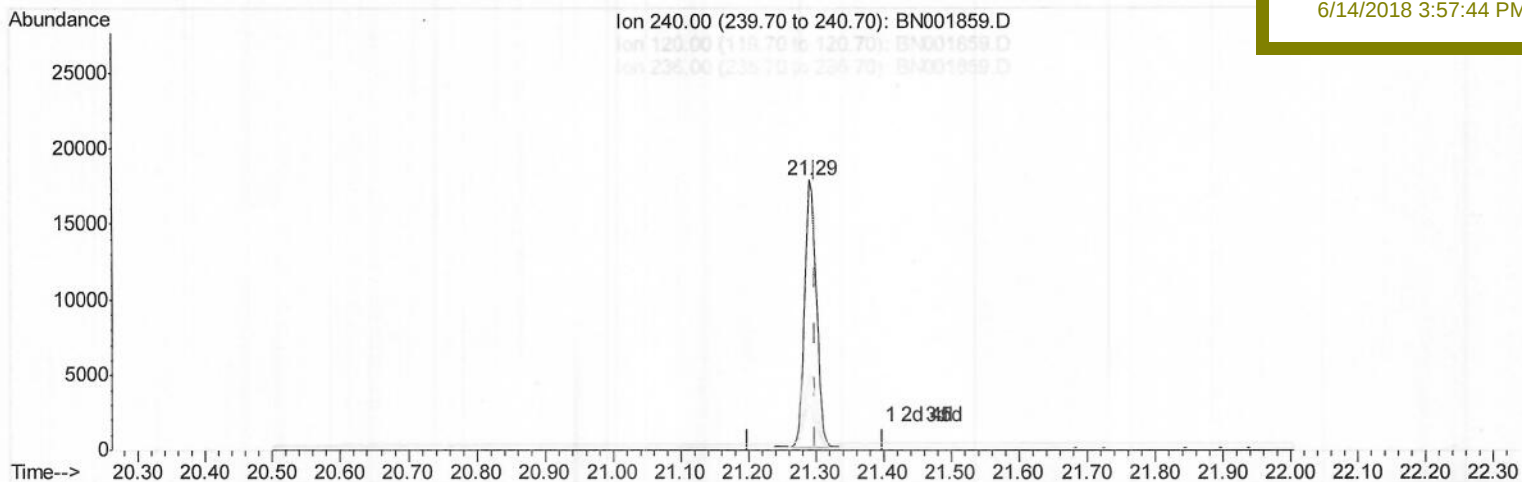
DAWS8DL

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:44 PM



(16) Chrysene-d12 (I)

21.292min (-0.007) 0.40ng/ul m > 500618/18

response 21522

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	16.74
236.00	34.90	28.70
0.00	0.00	0.00

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 05:26:27 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 :

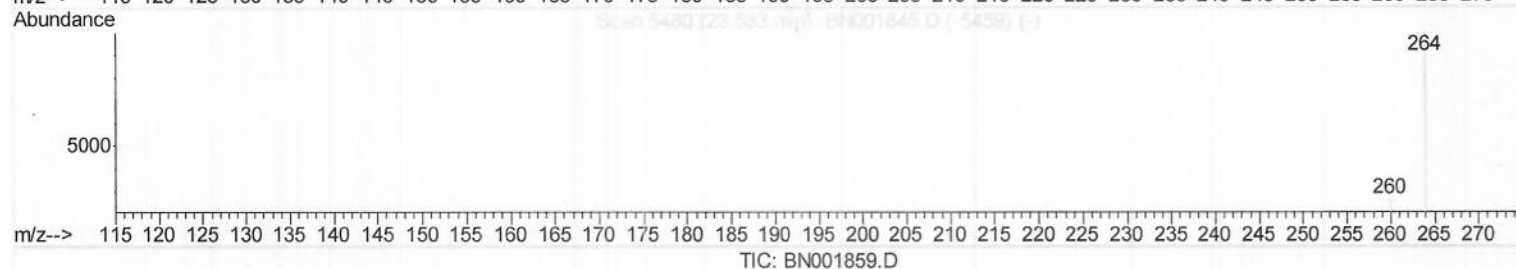
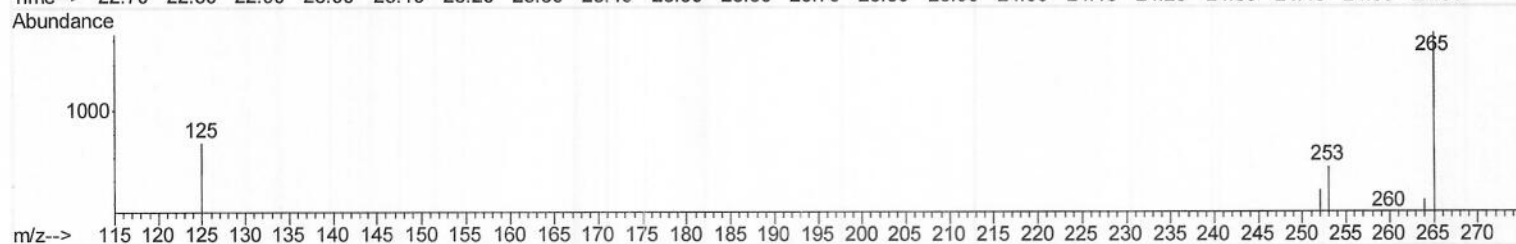
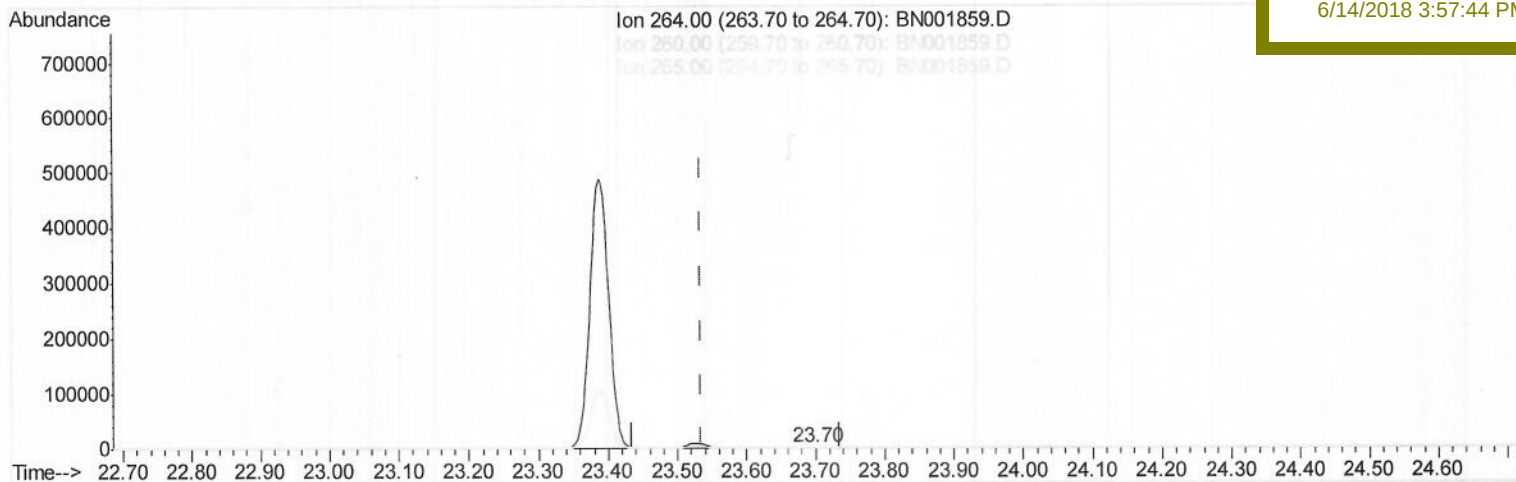
DAWS8DL

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:44 PM



(20) Perylene-d12 (I)

23.700min (+0.165) 0.40ng/ul

response 22

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	55.60#
265.00	103.50	713.79#
0.00	0.00	0.00

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 05:26:27 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 :

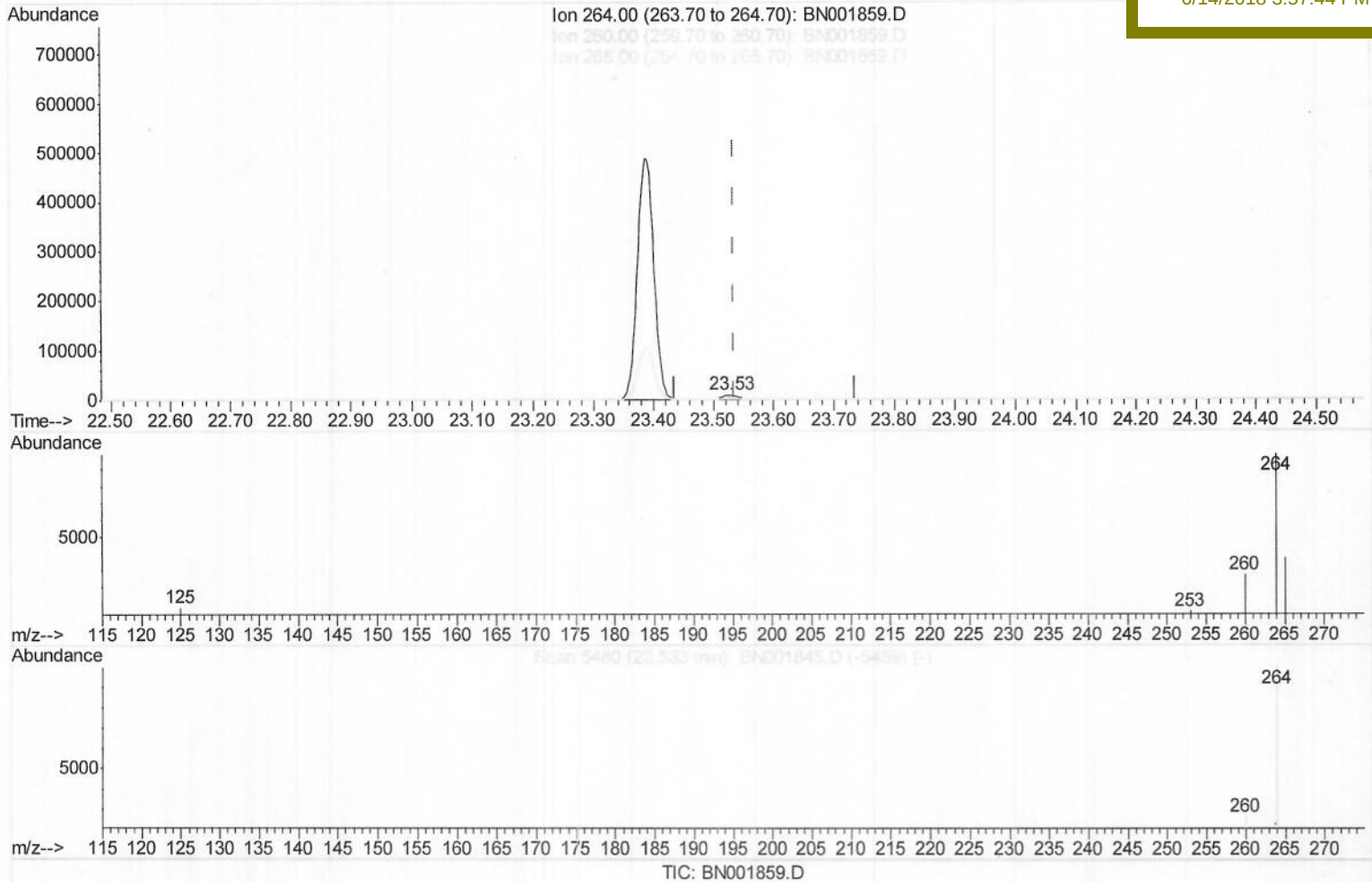
DAWS8DL

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:44 PM



(20) Perylene-d12 (I)

23.528min (-0.007) 0.40ng/ul m) JU06/18/18

response 17838

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.23
265.00	103.50	37.30#
0.00	0.00	0.00

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 06:34:00 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 :

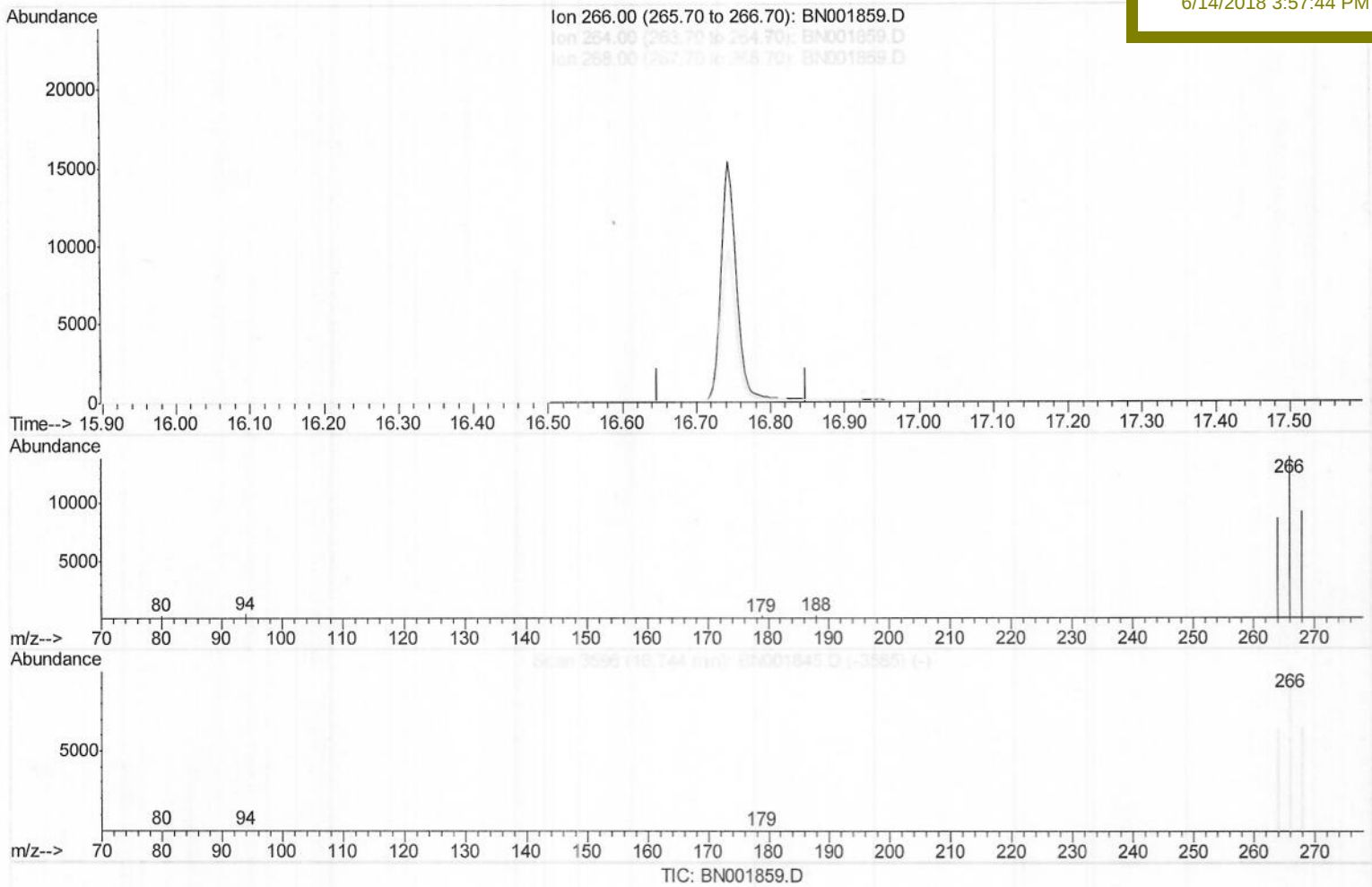
DAWS8DL

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:44 PM



(11) Pentachlorophenol

16.748min (-16.748) 0.00ng/ul

response 0

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

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 06:34:00 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 :

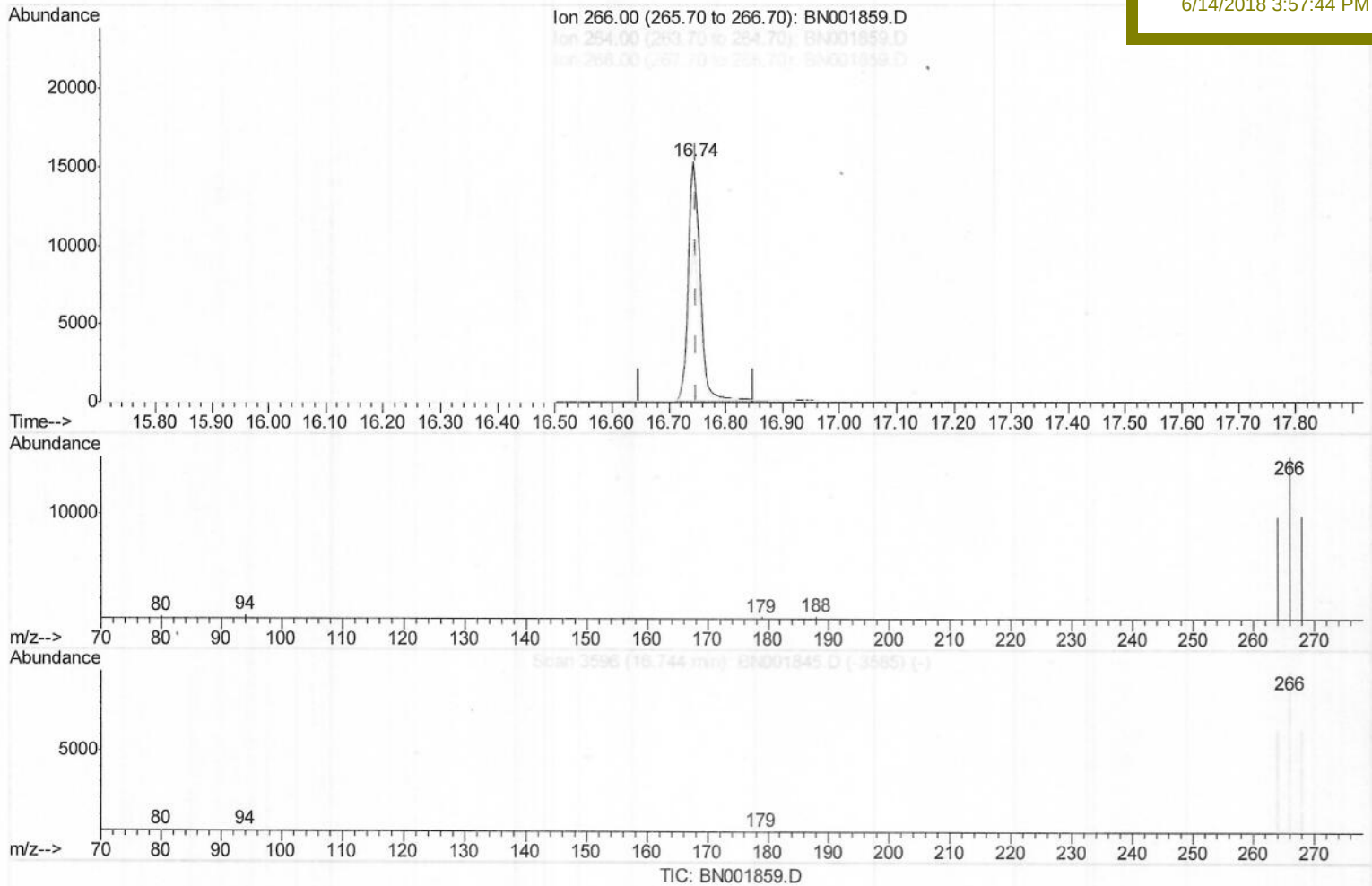
DAWS8DL

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:44 PM



(11) Pentachlorophenol

16.744min (-0.004) 3.74ng/ul m) JU06/18/18

response 23080

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

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

Data File : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 06:34:00 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 :

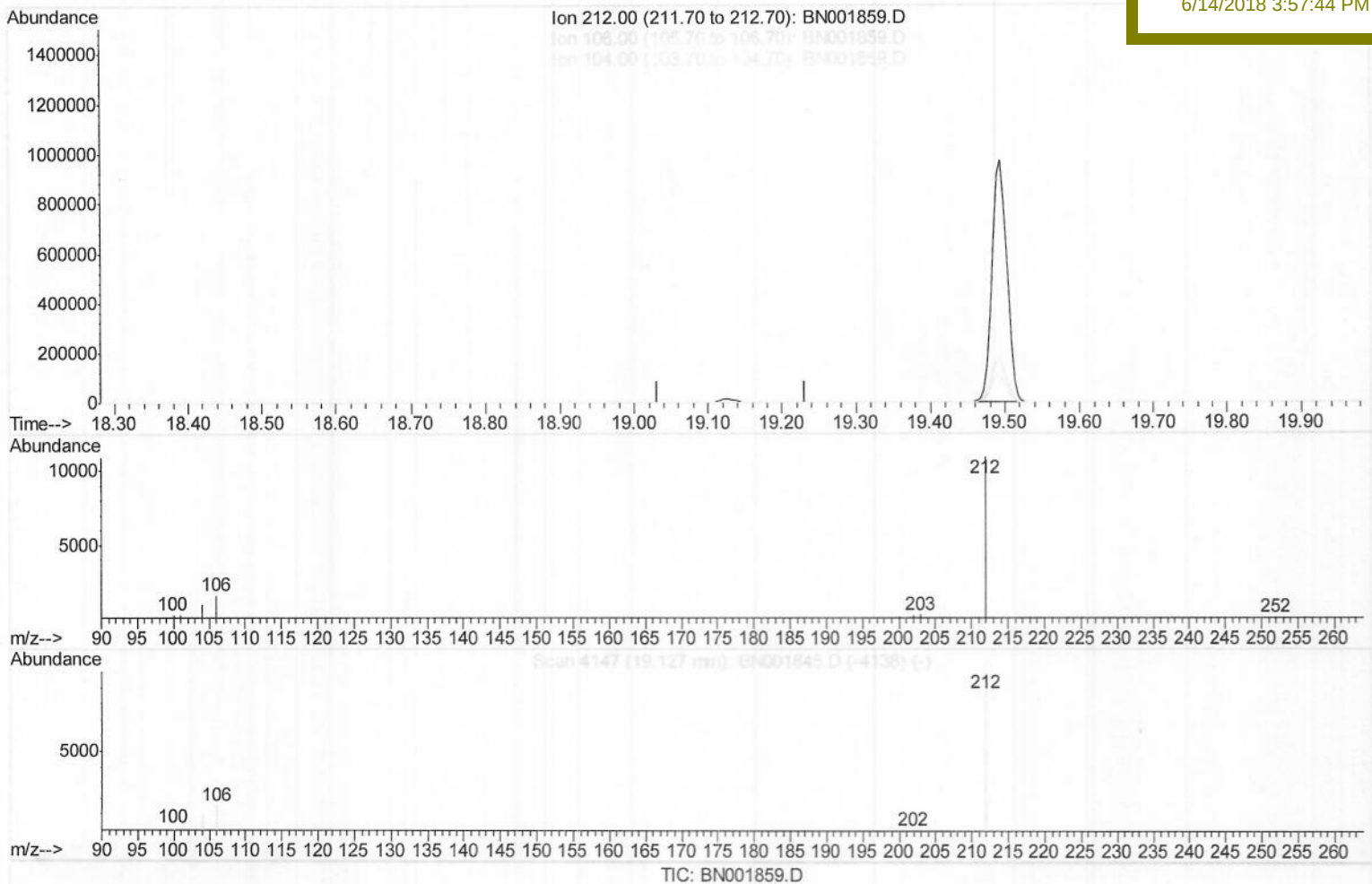
DAWS8DL

Manual Integrations

APPROVED

Sohil

6/14/2018 3:57:44 PM



(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 : BN001859.D

Acq On : 14 Jun 2018 00:36

Operator : JU/SJ

Sample : J3375-11DL 2X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 14 06:34:00 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

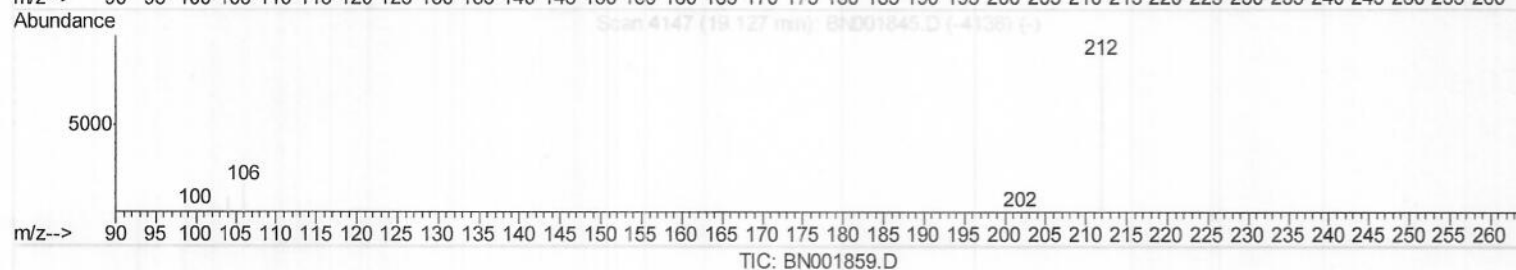
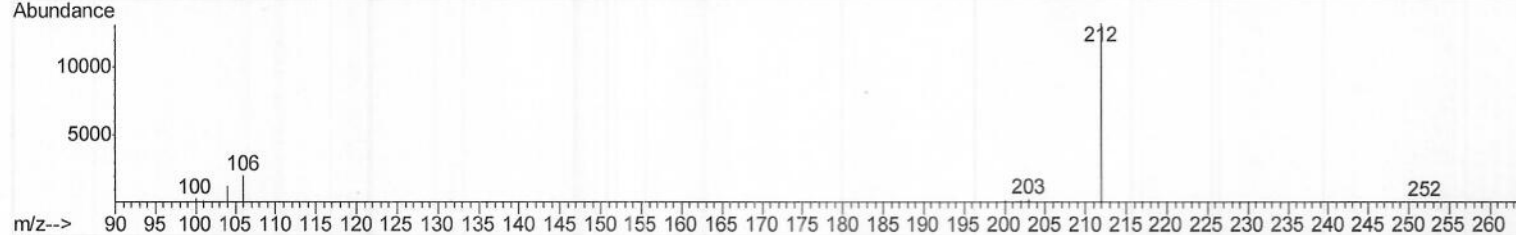
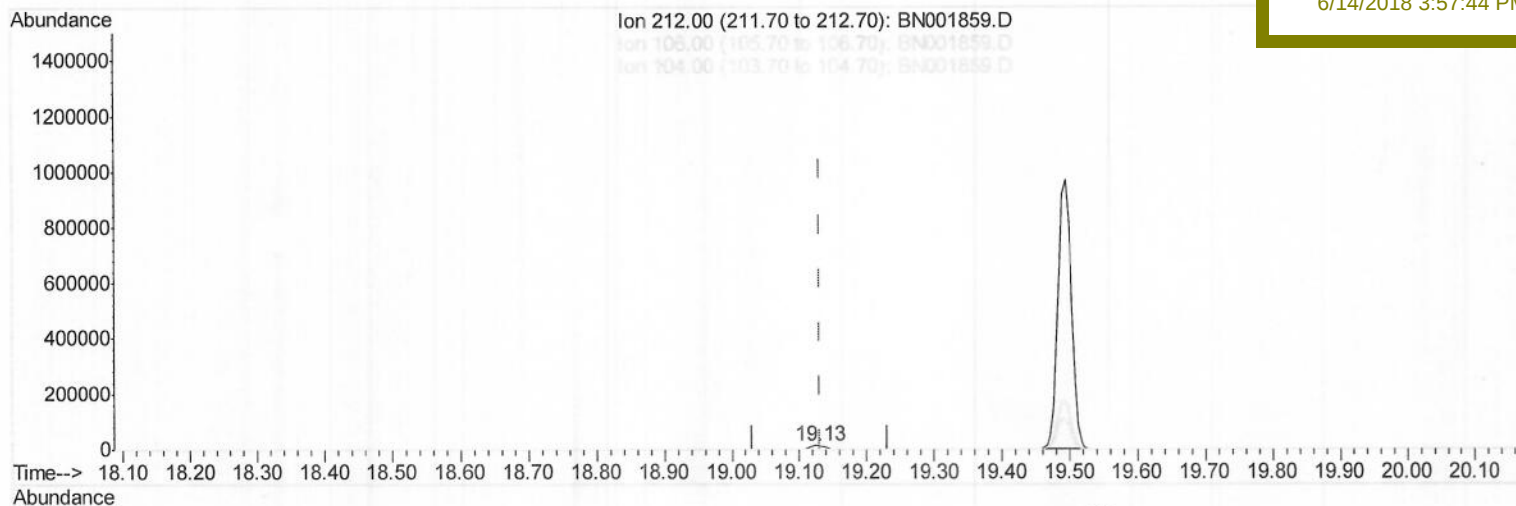
Client Sample ID :

DAWS8DL

Manual Integrations
APPROVED

Sohil

6/14/2018 3:57:44 PM



(14) Fluoranthene-d10 (SURR)

19.127min (-0.005) 0.17ng/ul m

) JU 06/18/18

response 17135

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
 Data File : BN001859.D
 Acq On : 14 Jun 2018 00:36
 Operator : JU/SJ
 Sample : J3375-11DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample ID :
 DAWS8DL

Manual Integrations
 APPROVED

Sohil
 6/14/2018 3:57:44 PM

Quant Time: Jun 14 06:35:13 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	6436	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	26419	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	15625	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	32583m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	21522m)	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	17838m)	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	8177	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17135m)	0.17	ng/ul	0.00
Target Compounds						
9) Fluorene	15.40	166	1363	0.021	ng/ul#	84
11) Pentachlorophenol	16.74	266	23080m)	3.741	ng/ul	

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

JUN 14 2018