

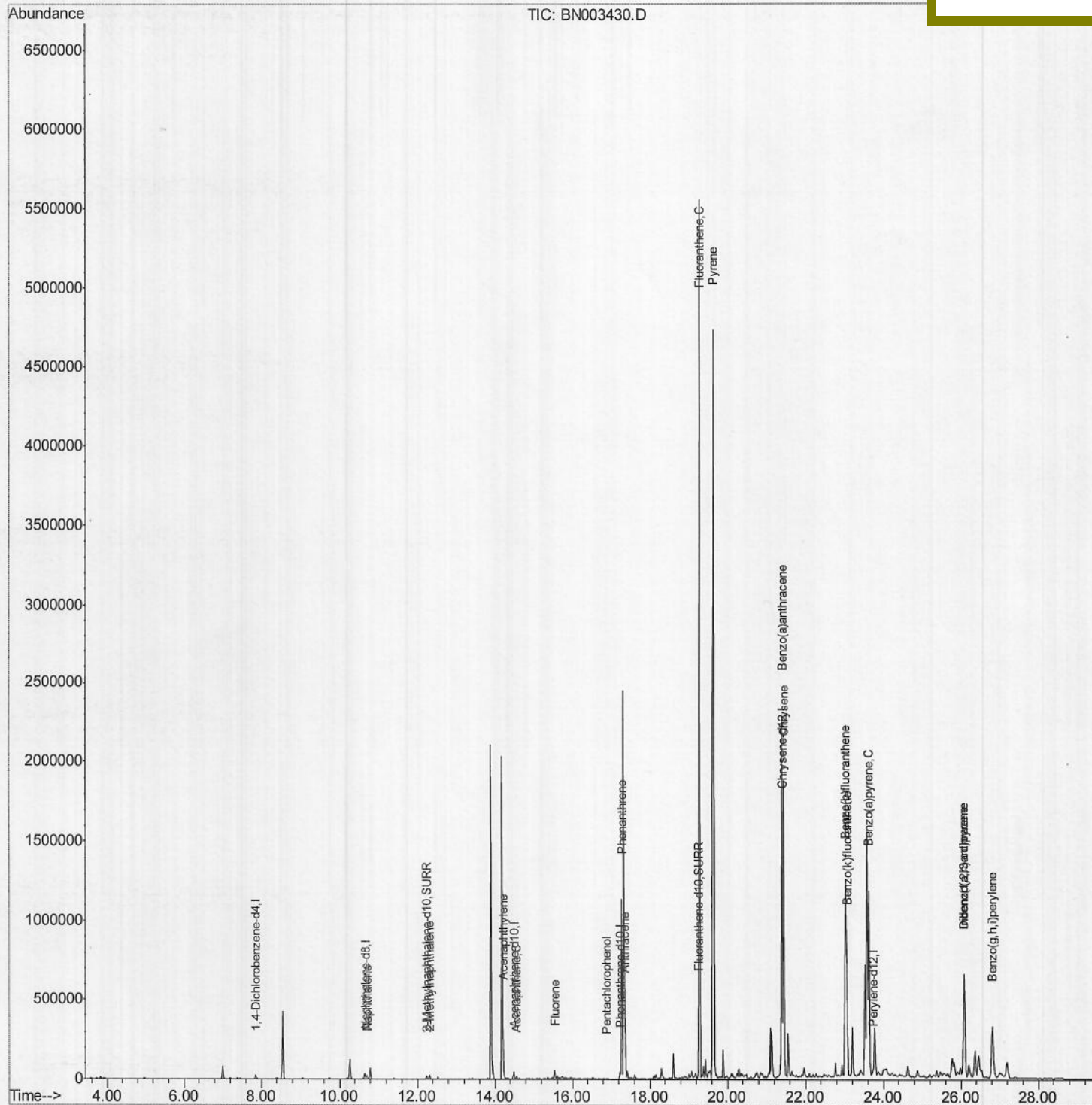
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
A40J5

Quant Time: Nov 05 16:19:34 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
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Sohil
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Quantitation Report (Qedit)

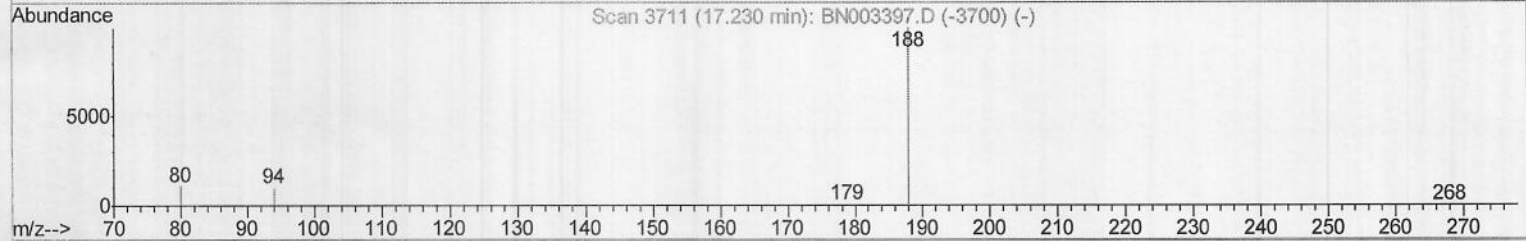
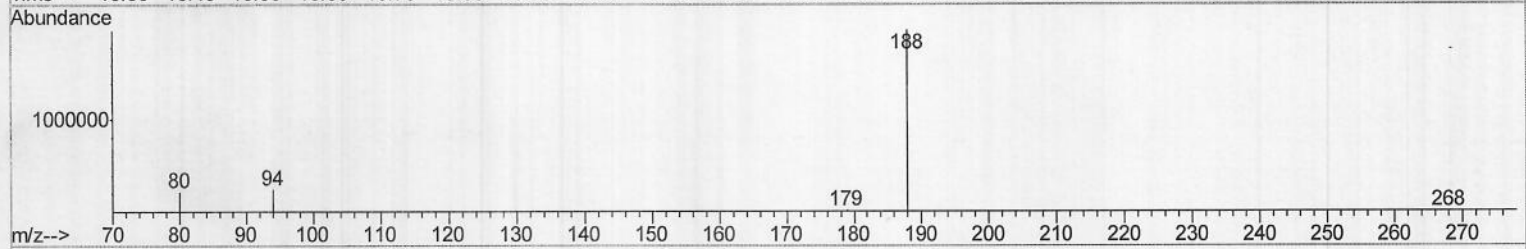
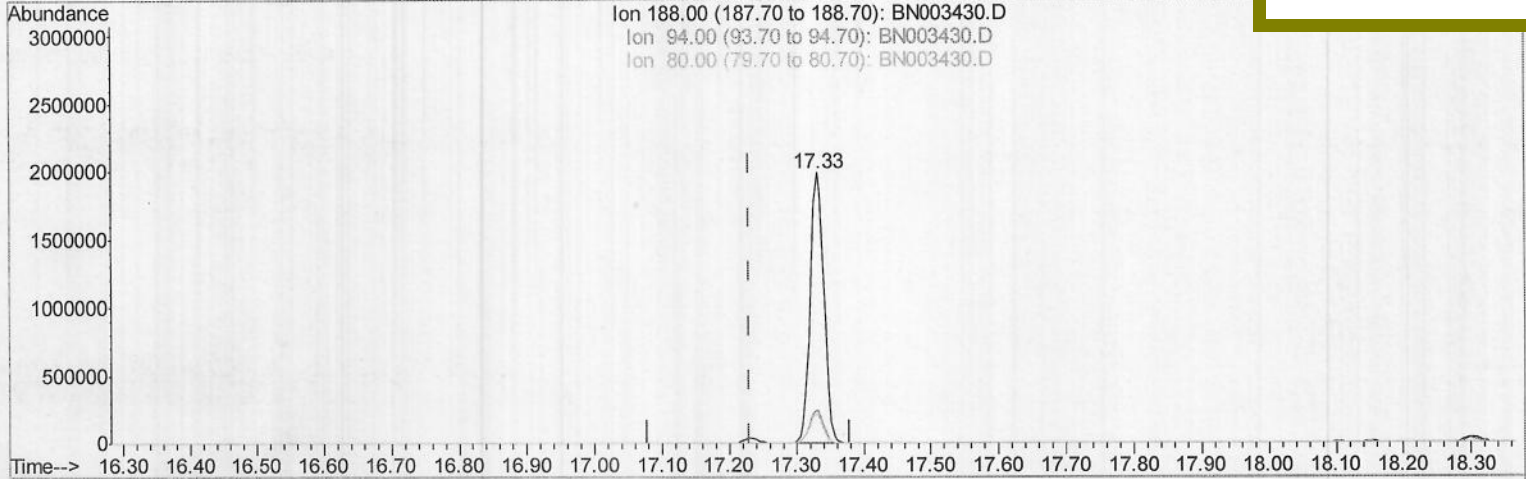
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:08:34 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
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TIC: BN003430.D

(10) Phenanthrene-d10 (I)
 17.331min (+0.101) 0.40ng/ul
 response 2796167

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	12.25#
80.00	10.10	10.78
0.00	0.00	0.00

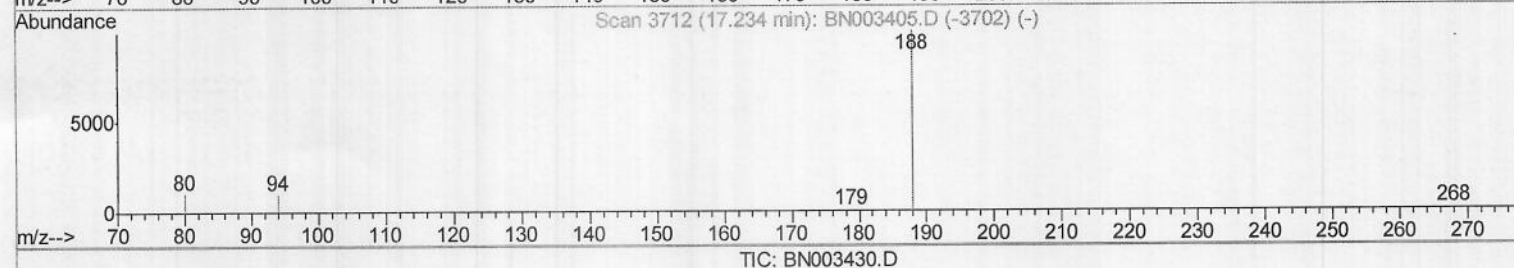
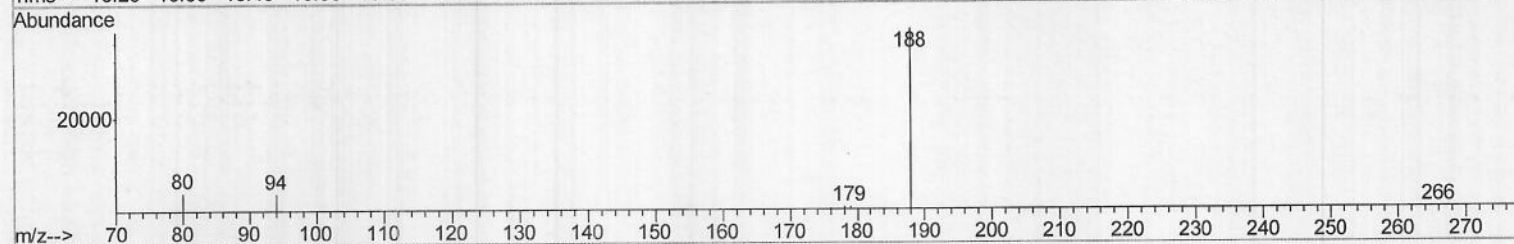
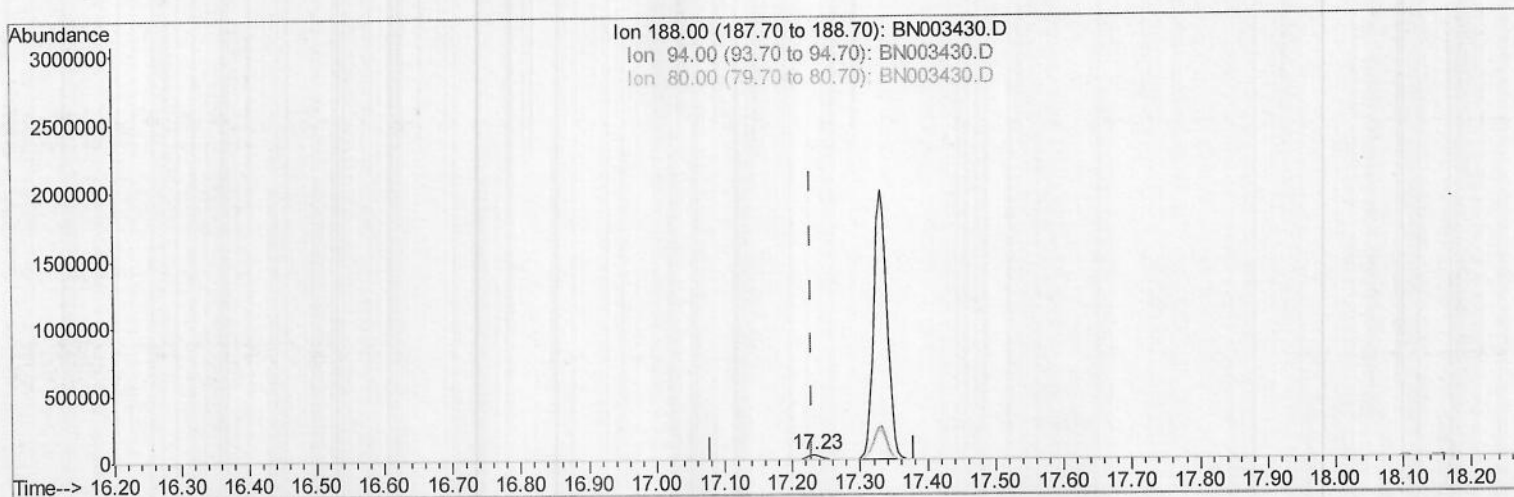
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Manual Integrations
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Quant Time: Nov 05 16:08:34 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.234min (+0.004) 0.40ng/ul m

response 54551

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	9.85
80.00	10.10	10.54
0.00	0.00	0.00

SJ
11/06/18

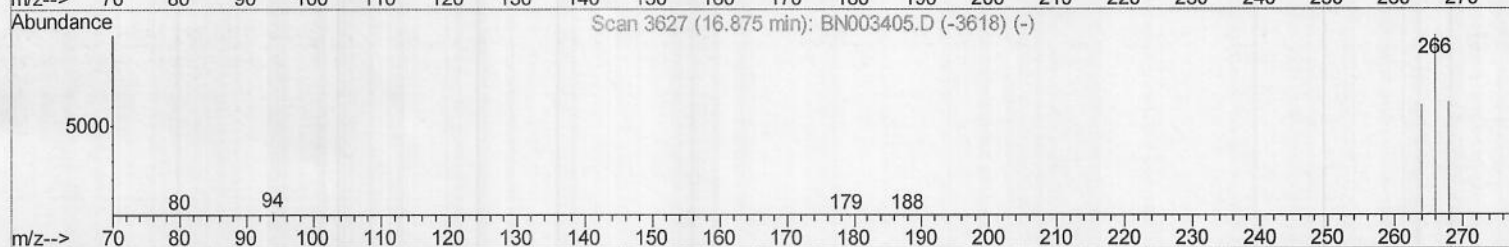
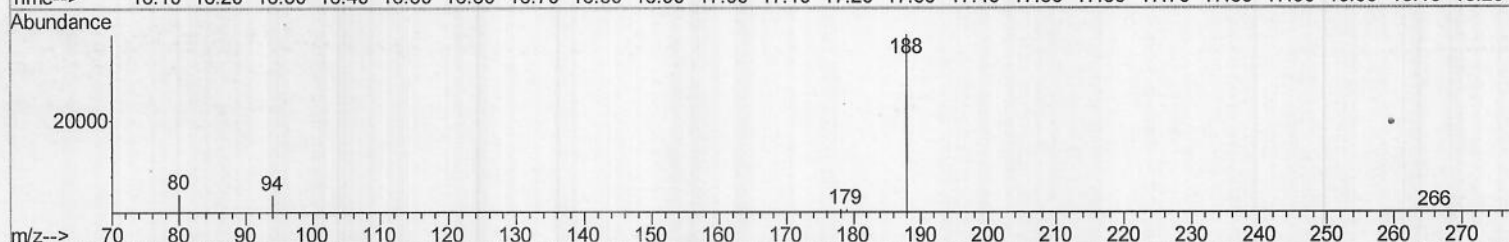
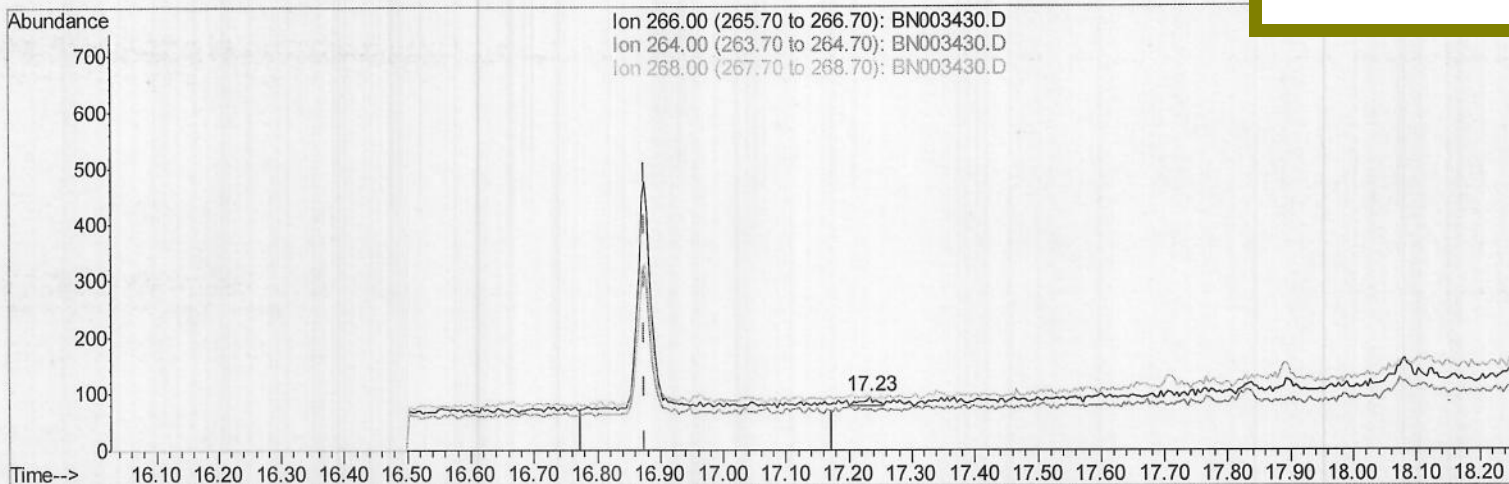
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
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TIC: BN003430.D

(11) Pentachlorophenol

17.234min (+0.359) 0.00ng/ul

response 18

Ion	Exp%	Act%
266.00	100	100
264.00	62.80	0.00#
268.00	63.40	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\

Data File : BN003430.D

Acq On : 05 Nov 2018 15:25

Operator : MJ/SJ

Sample : J5635-12

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A40J5

Quant Time: Nov 05 16:10:10 2018

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

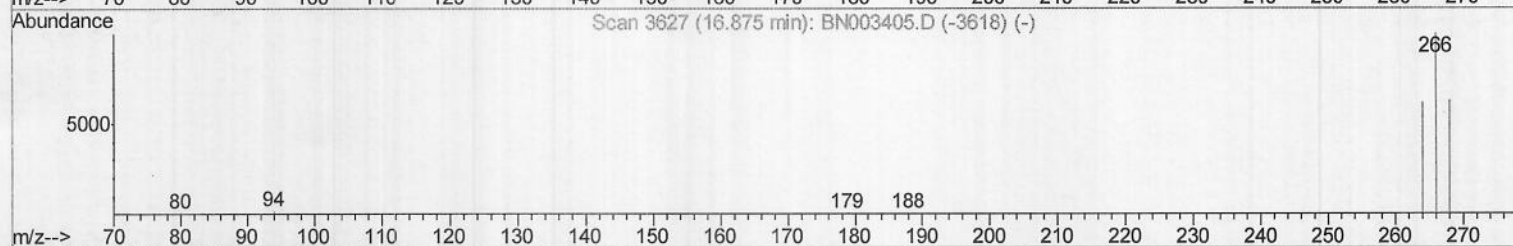
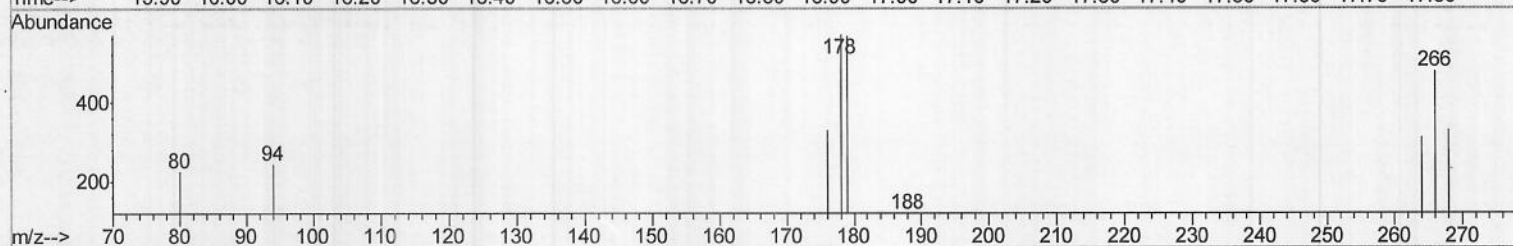
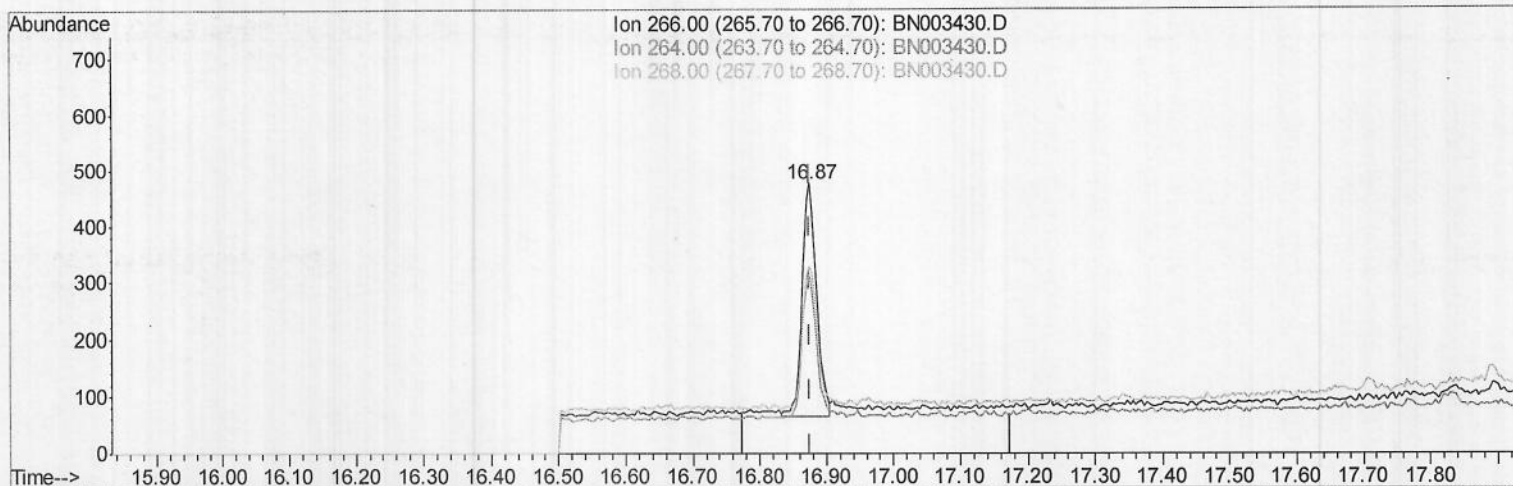
QLast Update : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil

11/6/2018 1:23:52 PM



TIC: BN003430.D

(11) Pentachlorophenol

16.875min (-0.000) 0.06ng/ul m

response 605

Ion	Exp%	Act%
-----	------	------

266.00	100	100
--------	-----	-----

264.00	62.80	0.00#
--------	-------	-------

268.00	63.40	0.00#
--------	-------	-------

0.00	0.00	0.00
------	------	------

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc ;

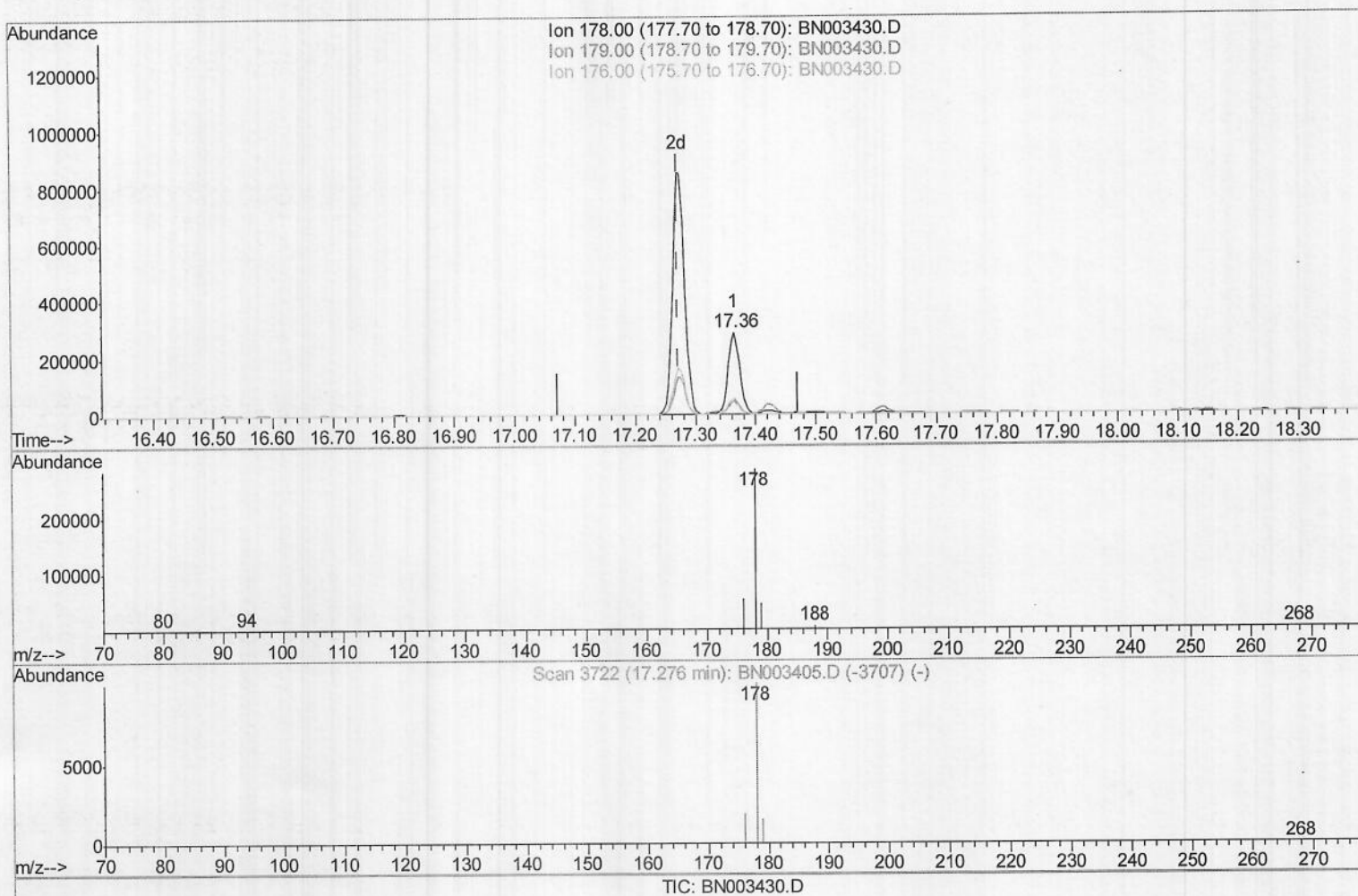
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40J5

Manual Integrations
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Sohil
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(12) Phenanthrene

17.365min (+0.093) 2.14ng/ul

response 382074

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.52
176.00	18.70	18.23
0.00	0.00	0.00

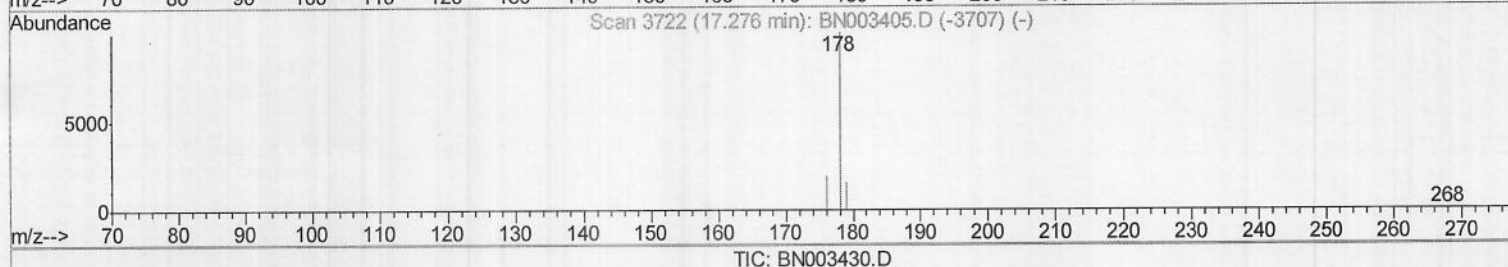
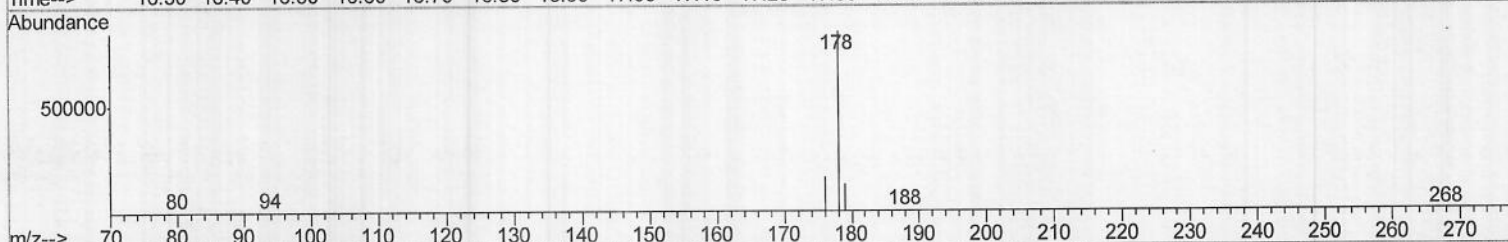
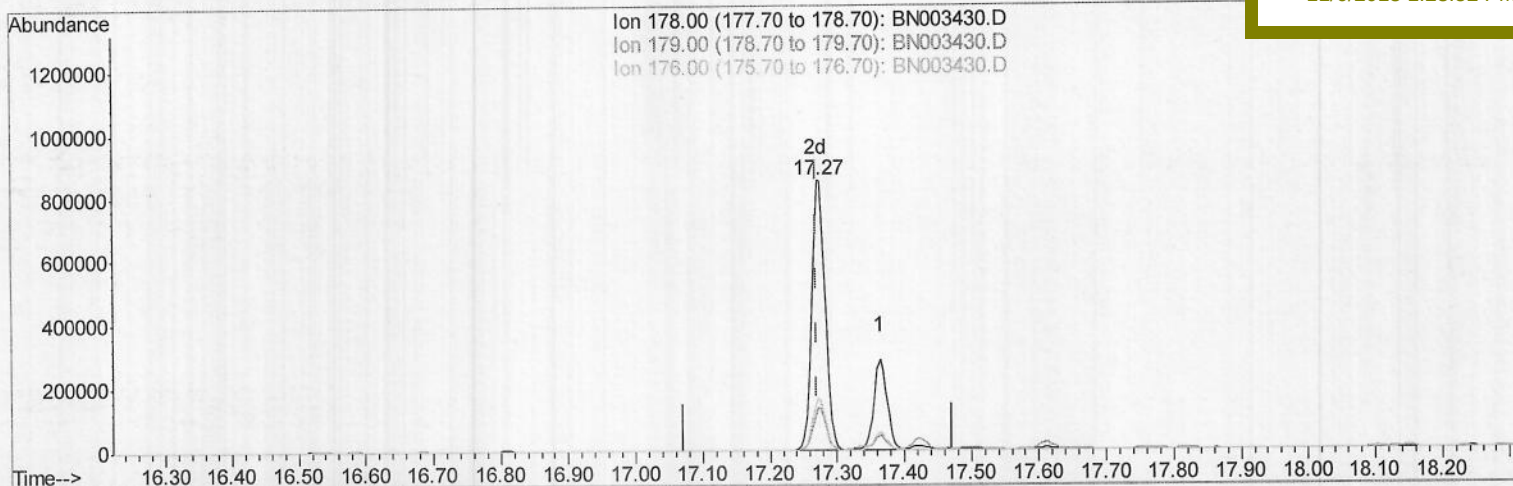
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40J5

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



(12) Phenanthrene

17.272min (-0.000) 6.63ng/ul m

response 1185329

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.43
176.00	18.70	19.16
0.00	0.00	0.00

SJ
11/10/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\

Data File : BN003430.D

Acq On : 05 Nov 2018 15:25

Operator : MJ/SJ

Sample : J5635-12

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A40J5

Quant Time: Nov 05 16:10:10 2018

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

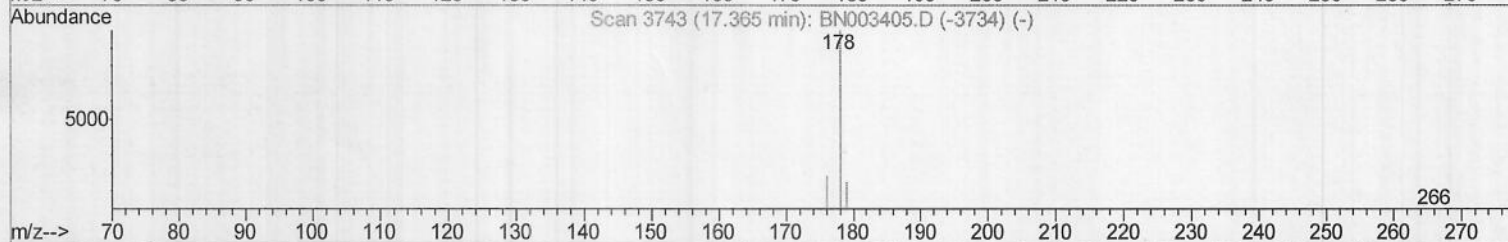
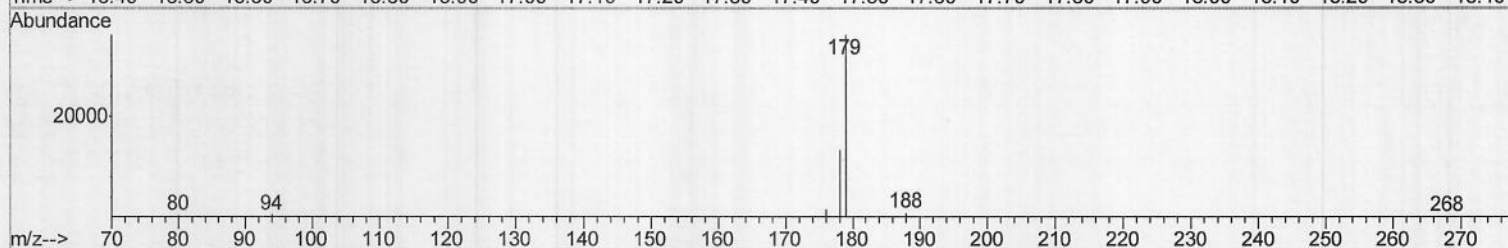
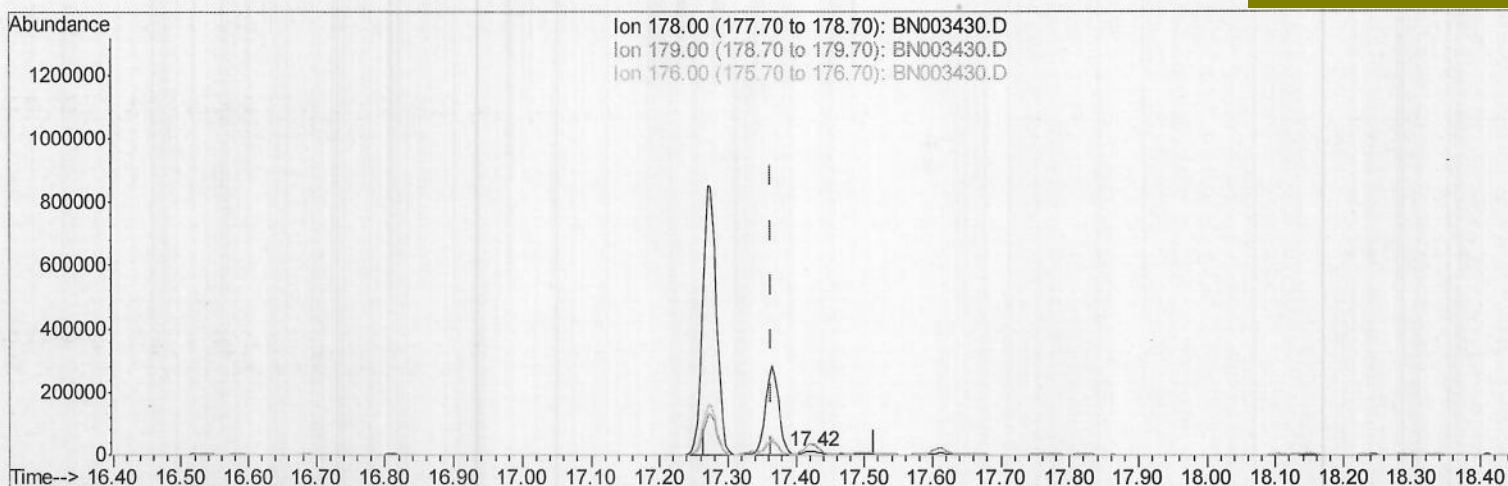
QLast Update : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil

11/6/2018 1:23:52 PM



TIC: BN003430.D

(13) Anthracene

17.424min (+0.059) 0.12ng/ul

response 16828

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	271.09#
176.00	18.40	11.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

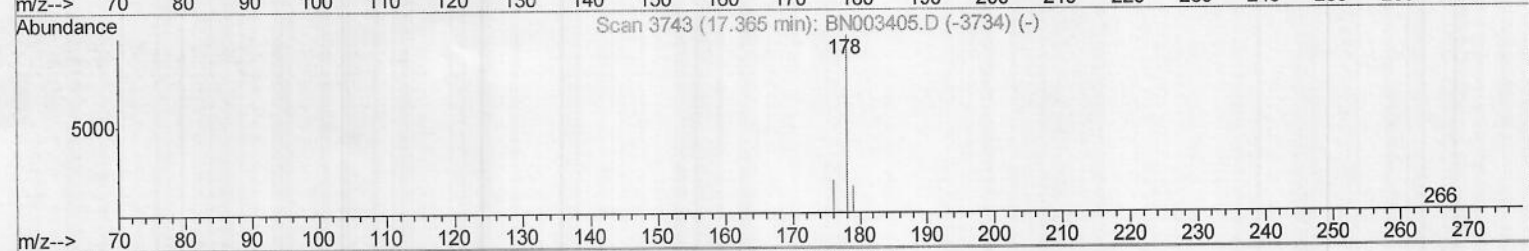
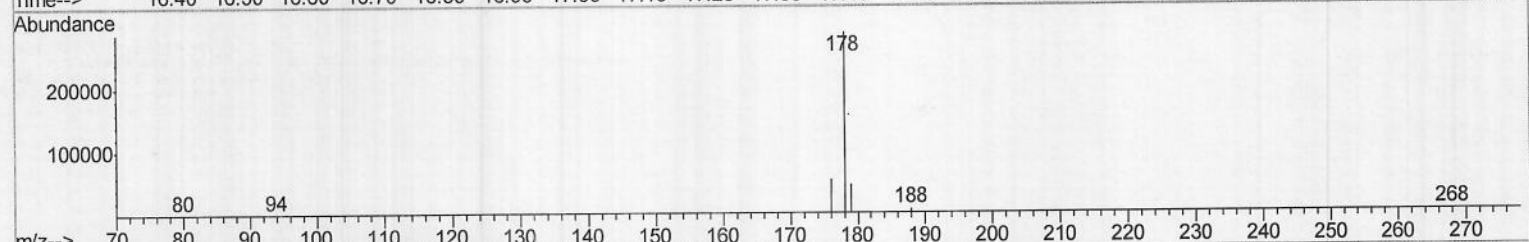
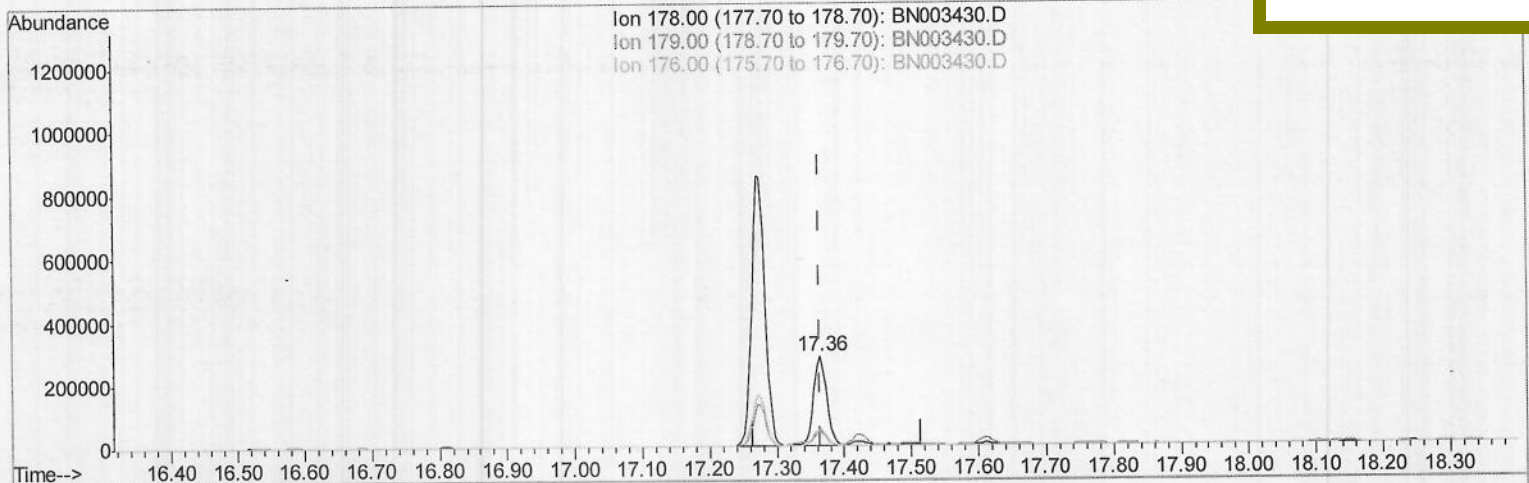
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A40J5

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
 11/6/2018 1:23:52 PM



TIC: BN003430.D

(13) Anthracene

17.365min (-0.000) 2.64ng/ul m

response 384501

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.52
176.00	18.40	18.23
0.00	0.00	0.00

SJ
11/106/118

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\

Data File : BN003430.D

Acq On : 05 Nov 2018 15:25

Operator : MJ/SJ

Sample : J5635-12

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

Client Sample Id :

A40J5

Quant Time: Nov 05 16:10:10 2018

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

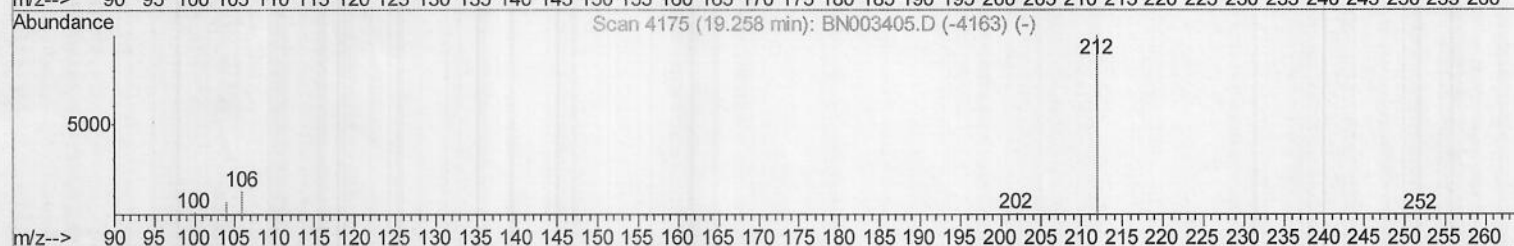
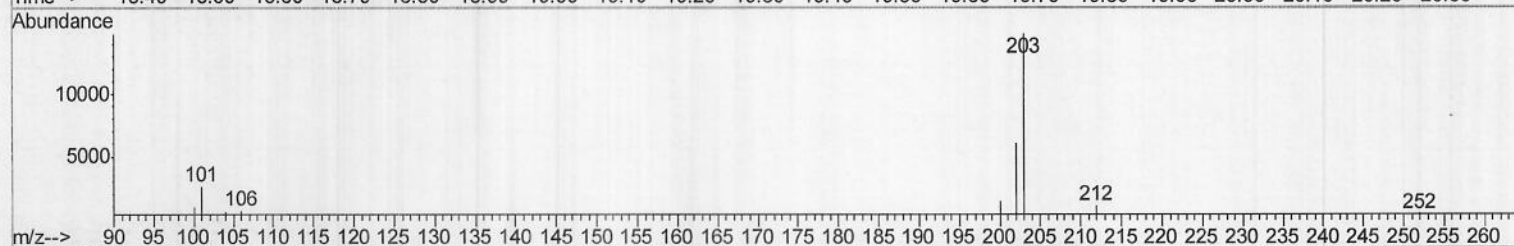
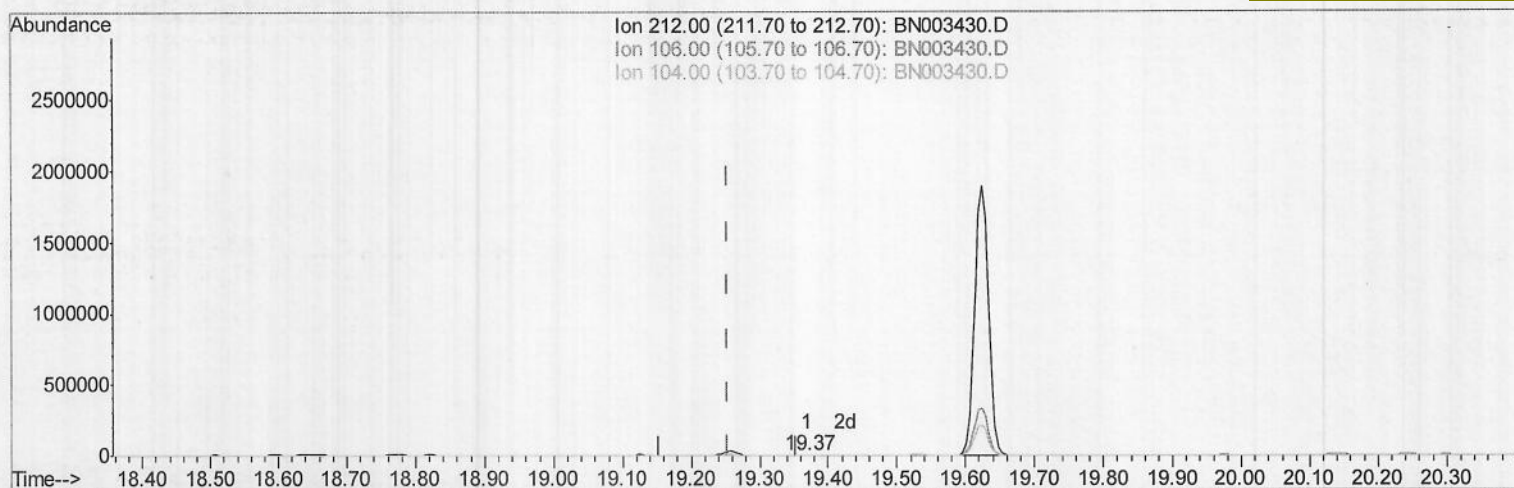
QLast Update : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil

11/6/2018 1:23:52 PM



TIC: BN003430.D

(14) Fluoranthene-d10 (SURR)

19.369min (+0.116) 0.01ng/ul

response 947

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\

Data File : BN003430.D

Acq On : 05 Nov 2018 15:25

Operator : MJ/SJ

Sample : J5635-12

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A40J5

Quant Time: Nov 05 16:10:10 2018

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

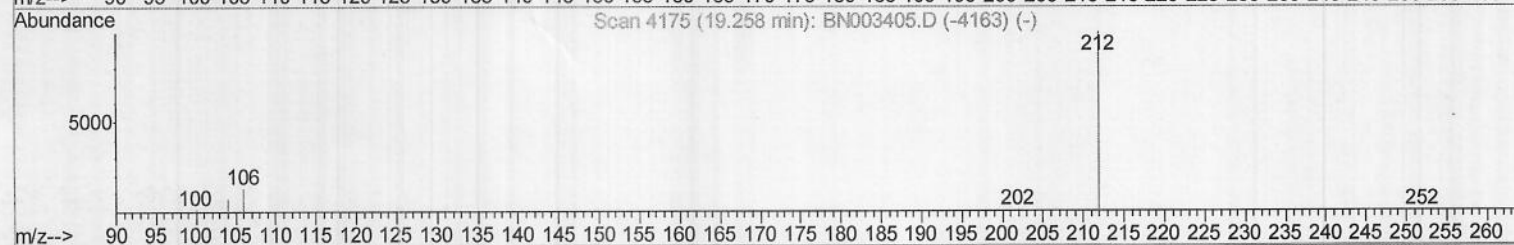
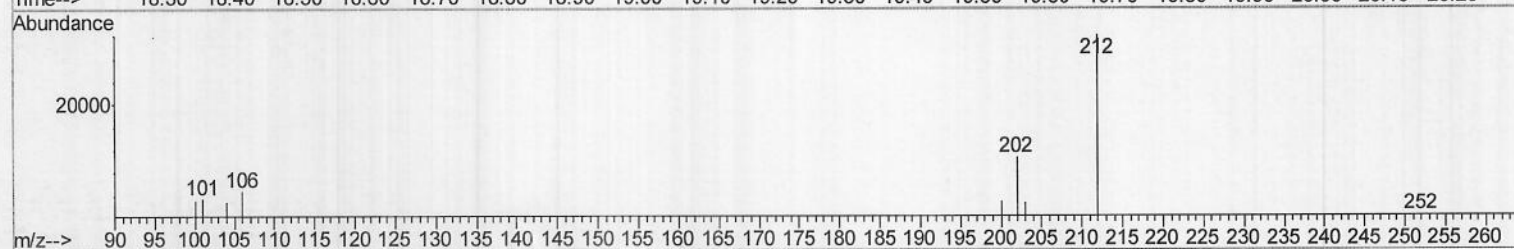
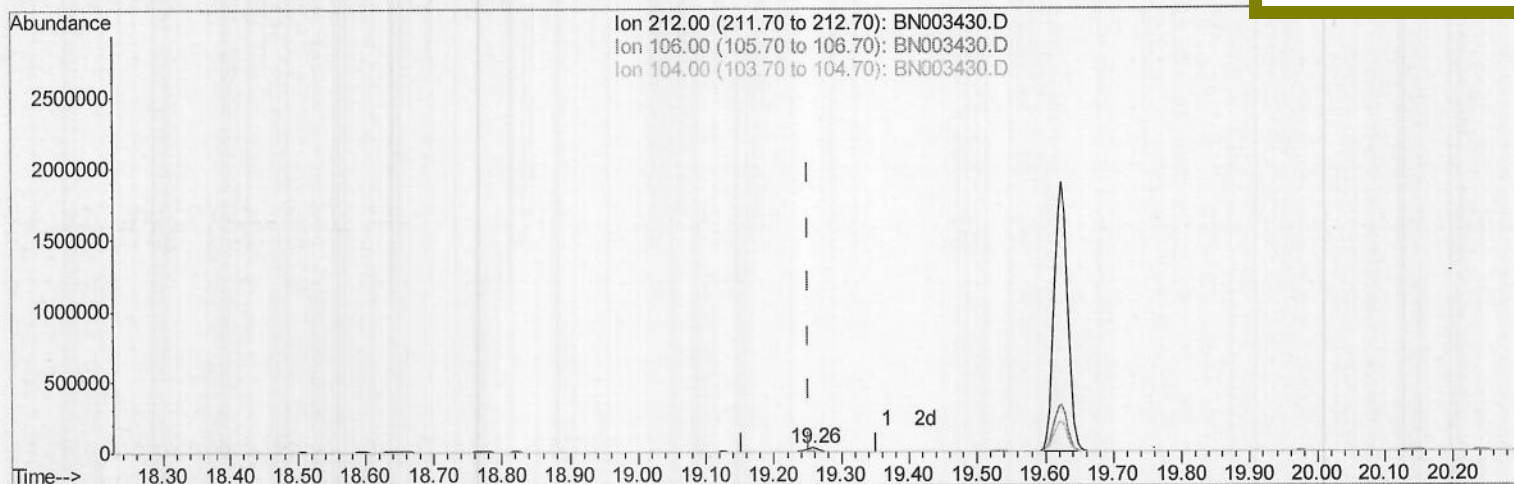
QLast Update : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil

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TIC: BN003430.D

(14) Fluoranthene-d10 (SURR)

19.257min (+0.005) 0.29ng/ul m

response 43819

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

SJ
11/106/118

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12

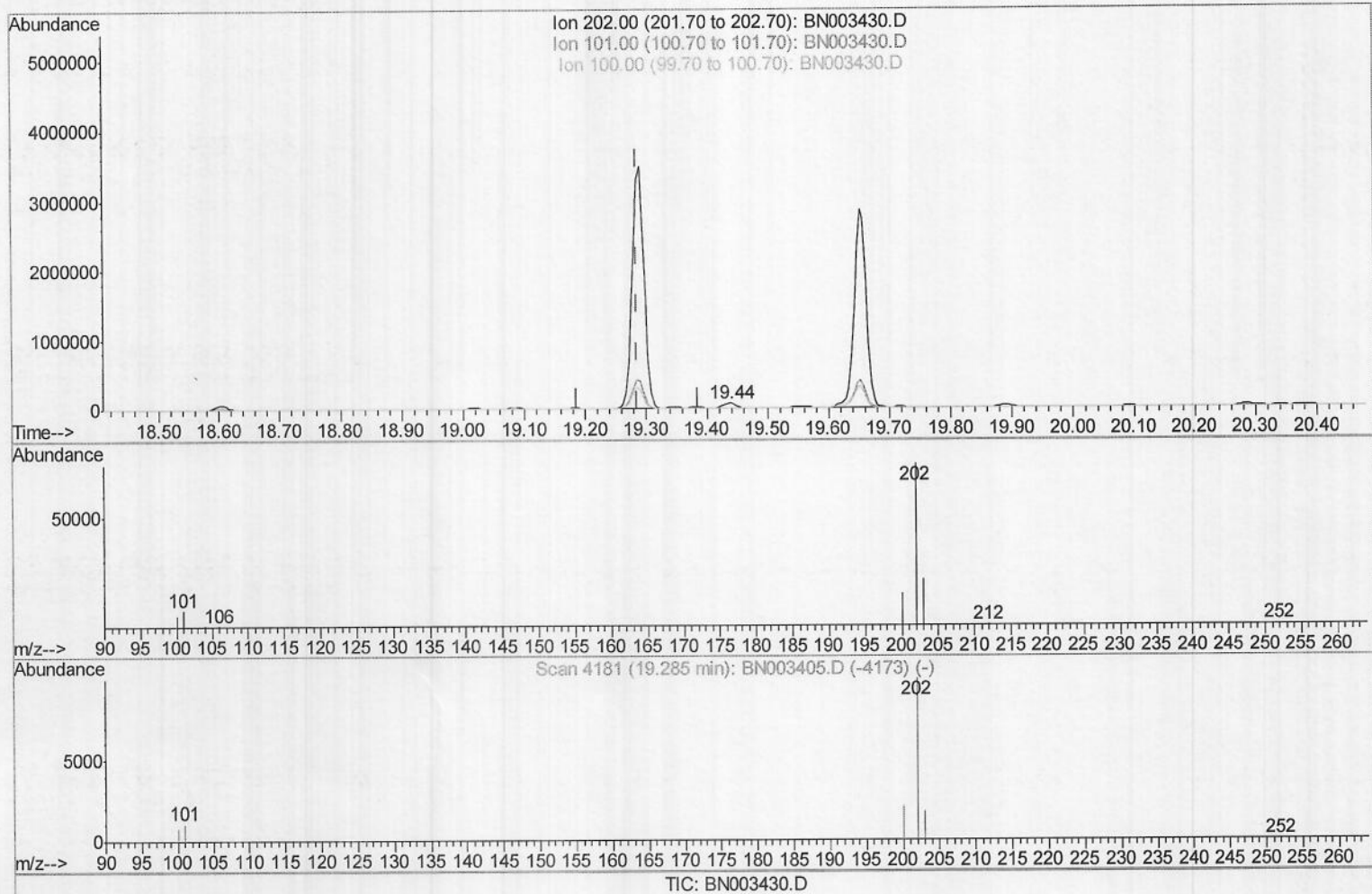
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A40J5

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



(15) Fluoranthene (C)

19.439min (+0.153) 0.48ng/ul

response 96603

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	10.28
100.00	8.00	7.43
0.00	0.00	0.00

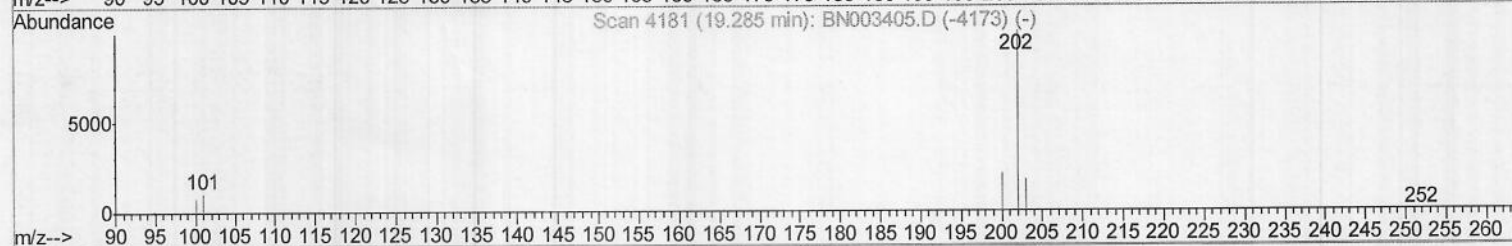
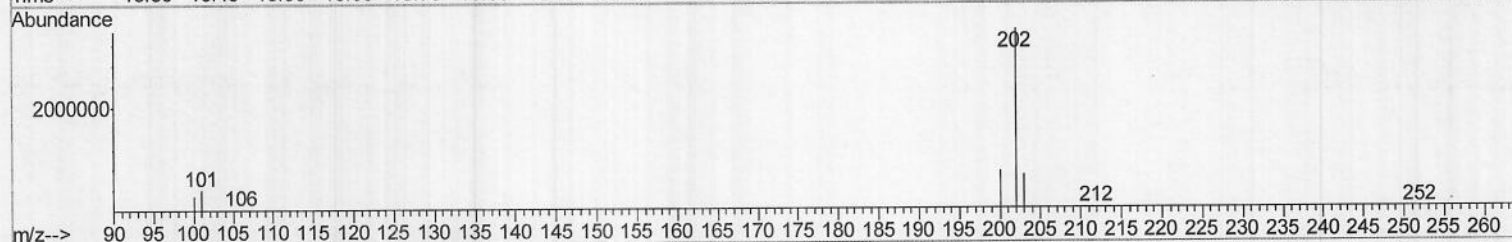
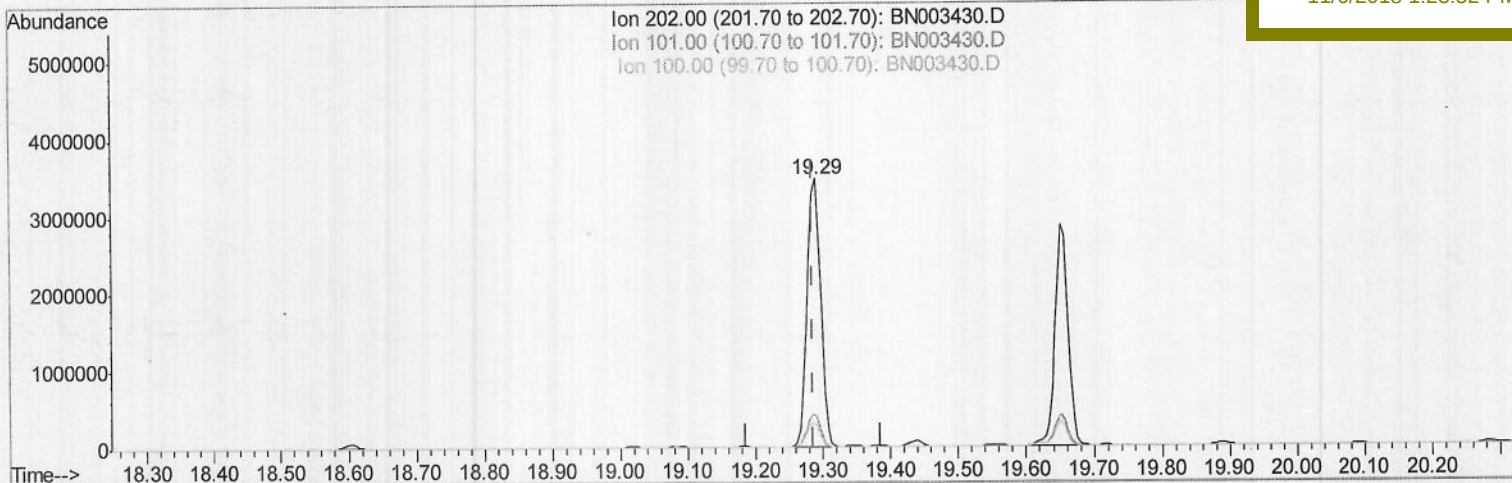
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(15) Fluoranthene (C)

19.290min (+0.005) 23.84ng/ul m

response 4792804

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	11.33
100.00	8.00	8.37
0.00	0.00	0.00

SJ
11/106/118

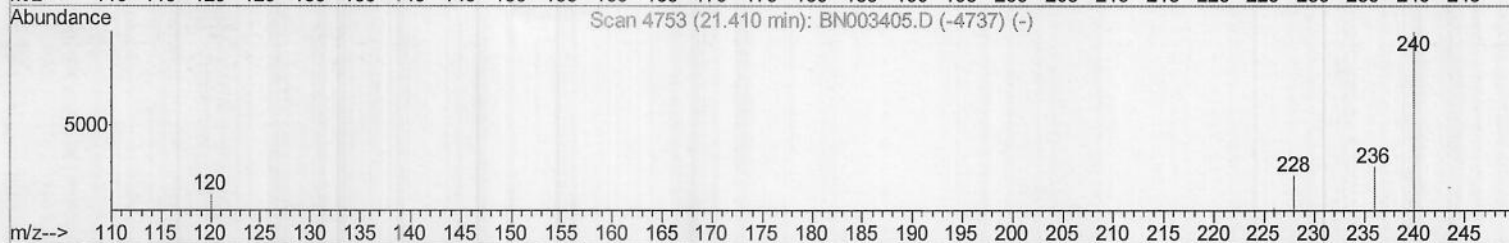
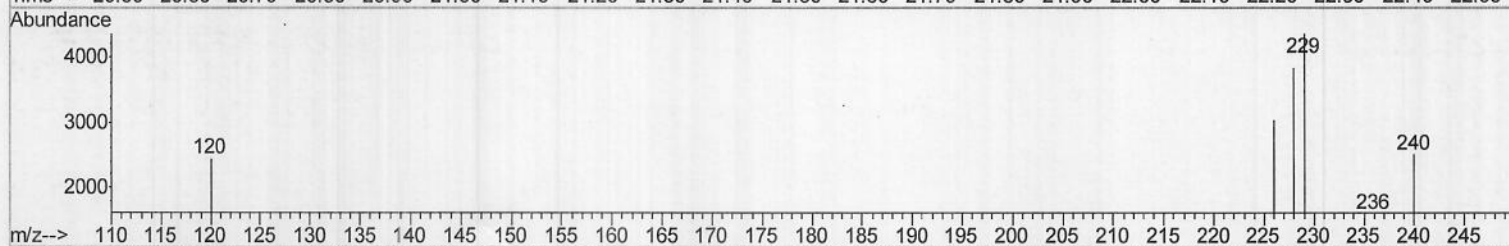
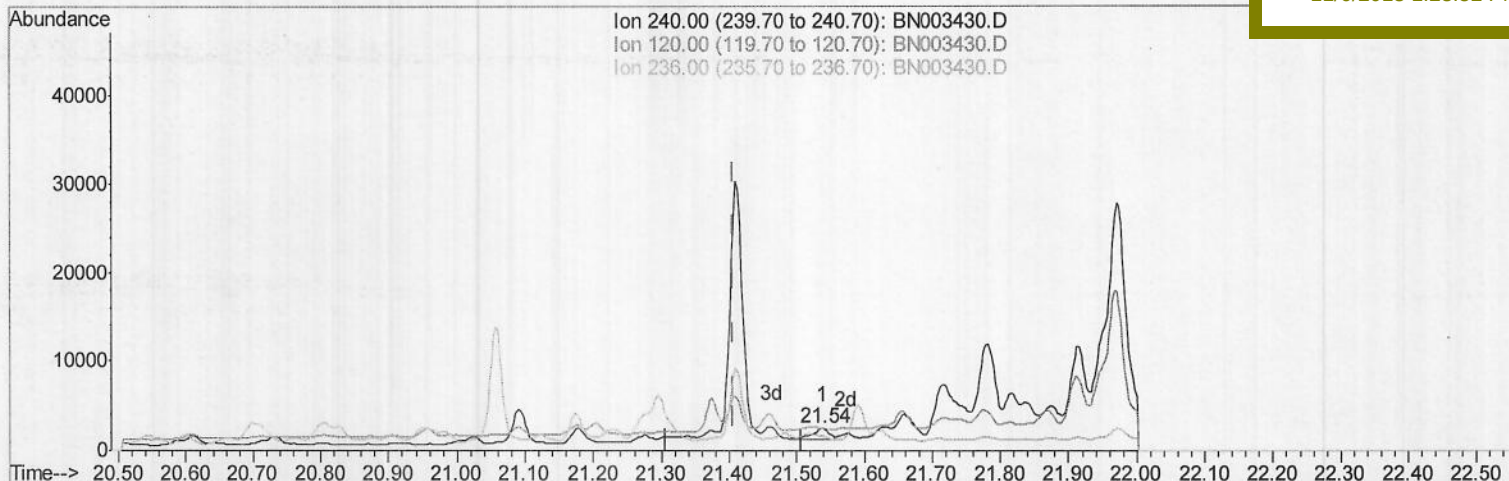
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



(16) Chrysene-d12 (I)

21.539min (+0.131) 0.40ng/ul

response 2036

Ion	Exp%	Act%
240.00	100	100
120.00	13.80	97.32#
236.00	27.60	64.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\

Data File : BN003430.D

Acq On : 05 Nov 2018 15:25

Operator : MJ/SJ

Sample : J5635-12

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 16:10:10 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 : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Instrument :

BNA_N

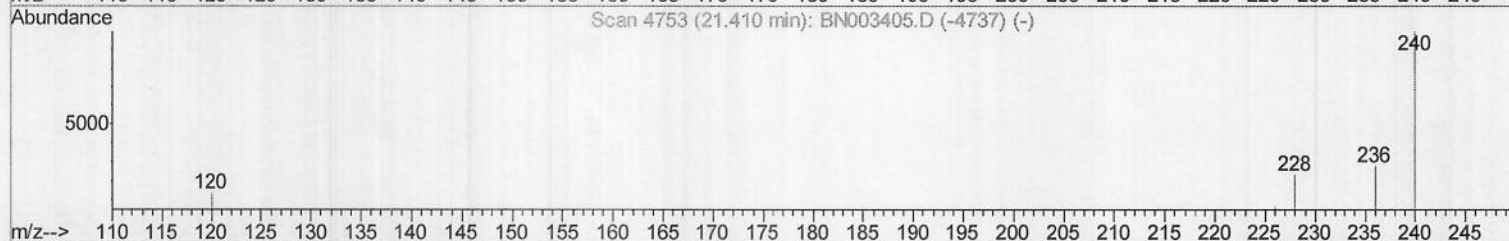
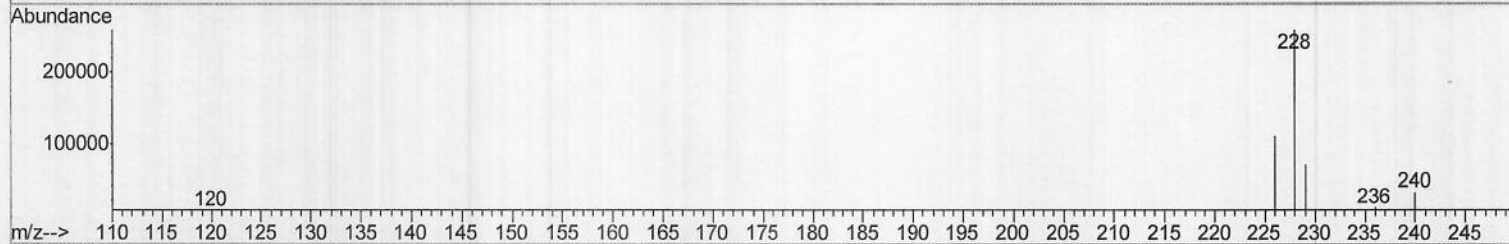
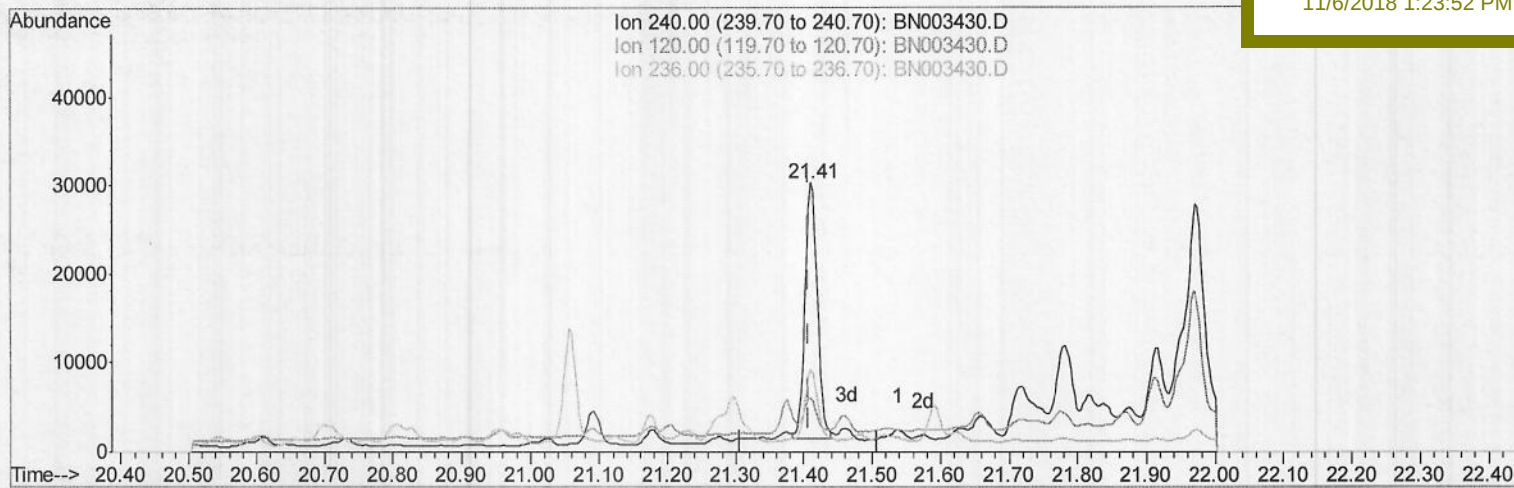
Client Sample Id :

A40J5

Manual Integrations
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Sohil

11/6/2018 1:23:52 PM



TIC: BN003430.D

(16) Chrysene-d12 (I)

21.410min (+0.003) 0.40ng/ul m

response 36250

Ion	Exp%	Act%
240.00	100	100
120.00	13.80	19.70#
236.00	27.60	30.34
0.00	0.00	0.00

SJ
11 106 118

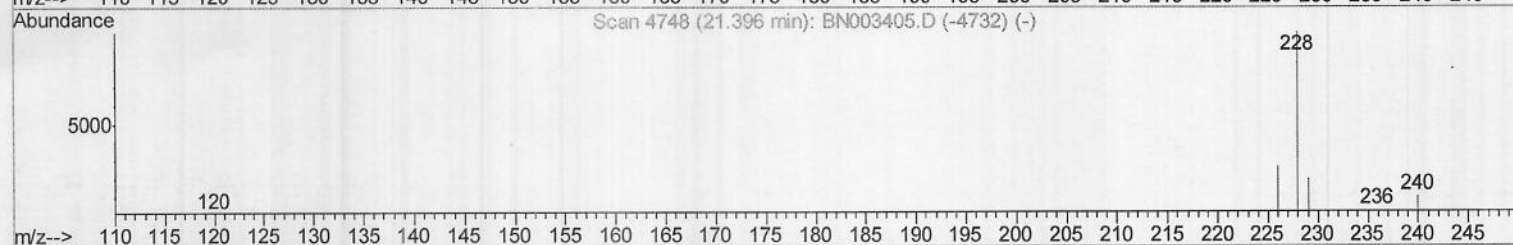
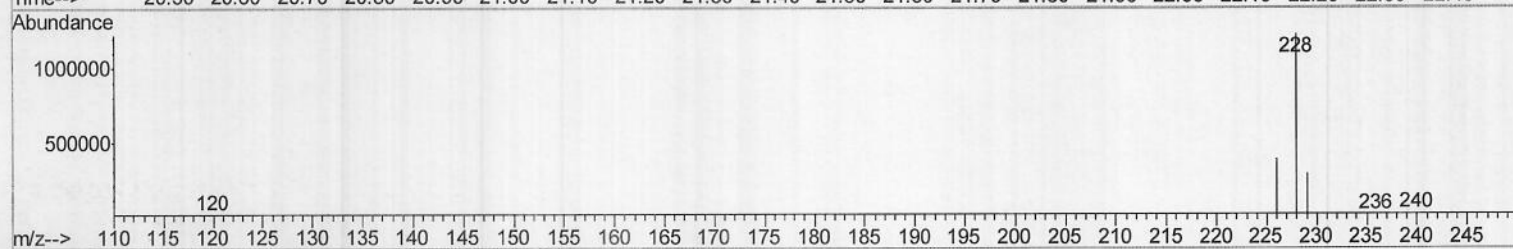
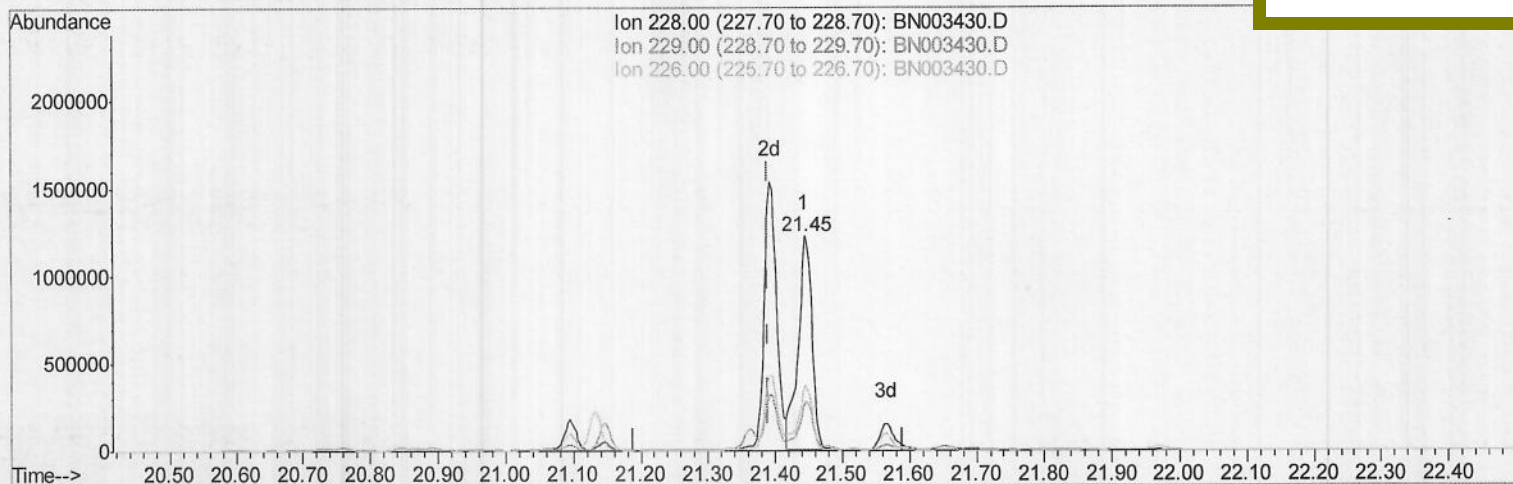
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:14:44 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
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Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(18) Benzo(a)anthracene

21.445min (+0.055) 15.51ng/ul

response 1762898

Ion	Exp%	Act%
228.00	100	100
229.00	19.40	22.98
226.00	26.90	30.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

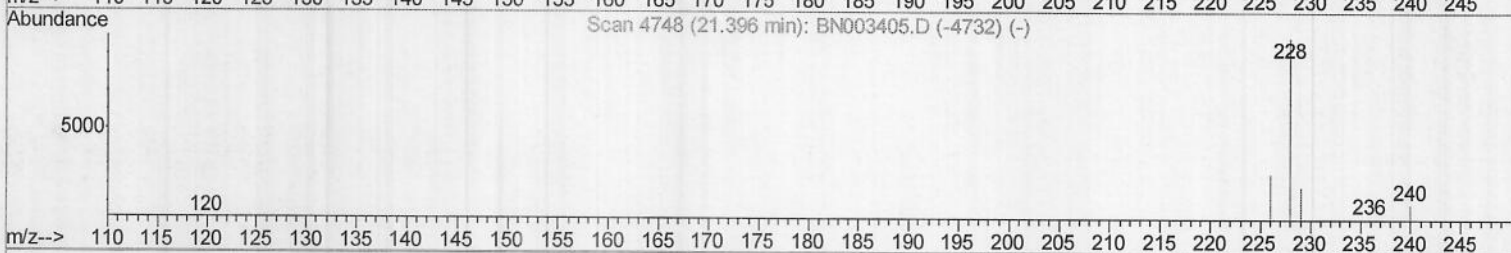
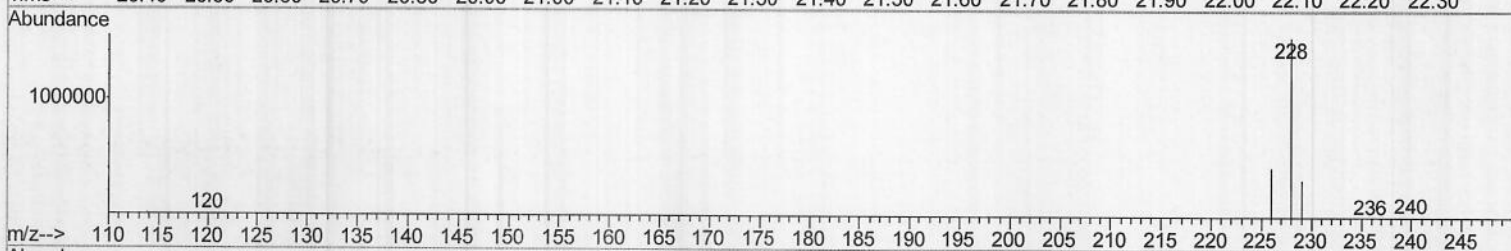
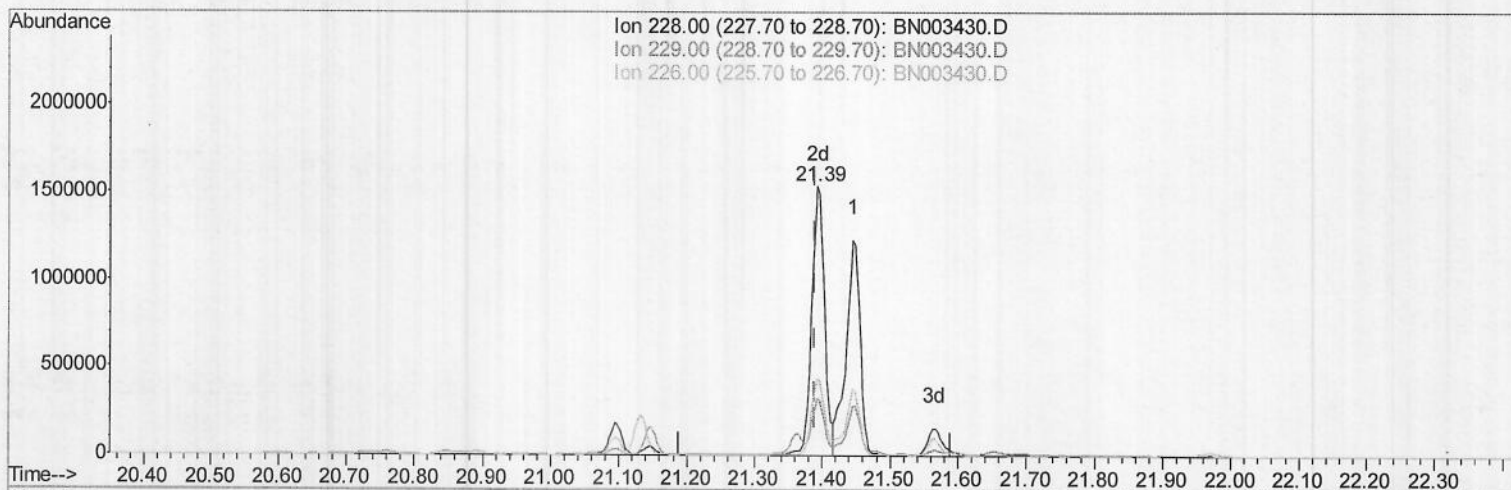
Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:14:44 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
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Sohil
 11/6/2018 1:23:52 PM



TIC: BN003430.D

(18) Benzo(a)anthracene

21.392min (+0.003) 17.69ng/ul m

response 2010023

Ion	Exp%	Act%
228.00	100	100
229.00	19.40	21.11
226.00	26.90	28.35
0.00	0.00	0.00

SJ
 11/10/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\

Data File : BN003430.D

Acq On : 05 Nov 2018 15:25

Operator : MJ/SJ

Sample : J5635-12

Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 16:14:44 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 : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Instrument :

BNA_N

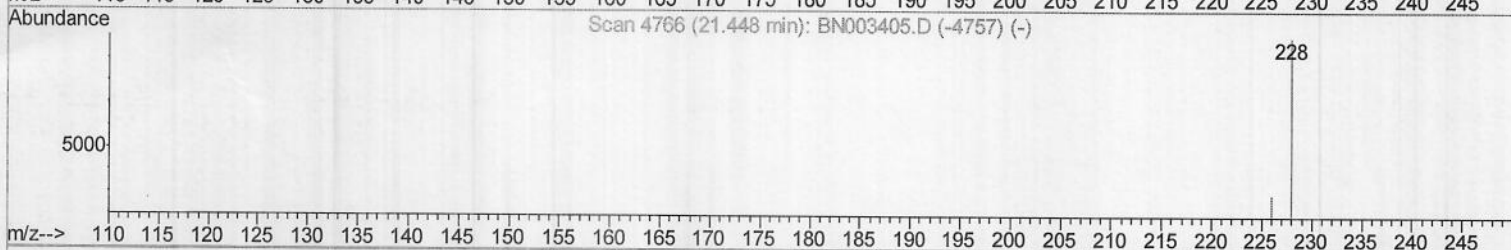
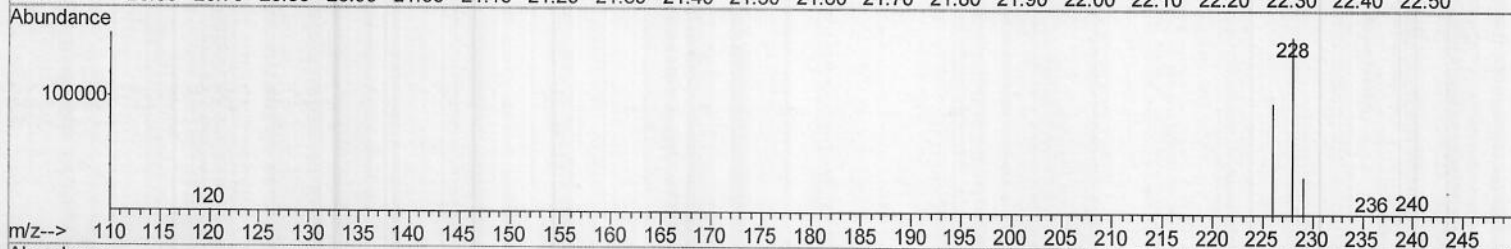
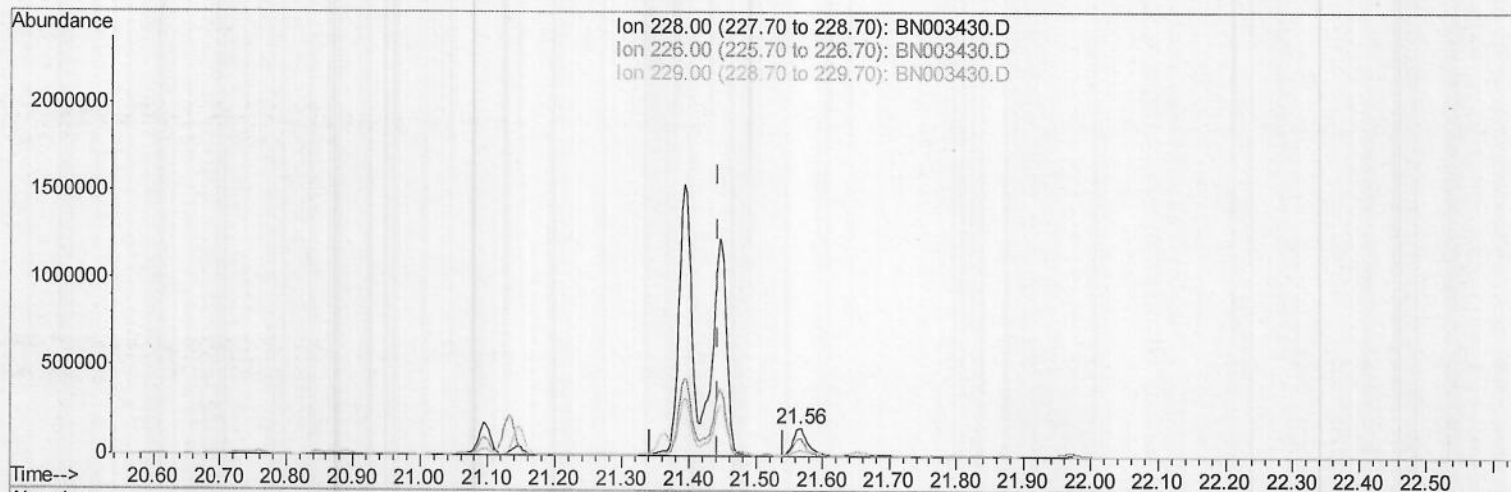
ClientSampleId :

A40J5

Manual Integrations
APPROVED

Sohil

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TIC: BN003430.D

(19) Chrysene

21.565min (+0.123) 1.84ng/ul

response 238140

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	62.79#
229.00	19.40	21.57
0.00	0.00	0.00

Quantitation Report (Qedit)

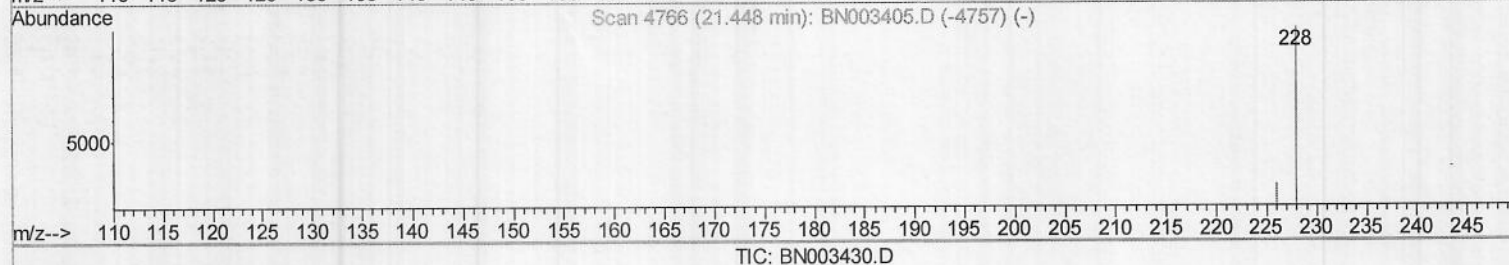
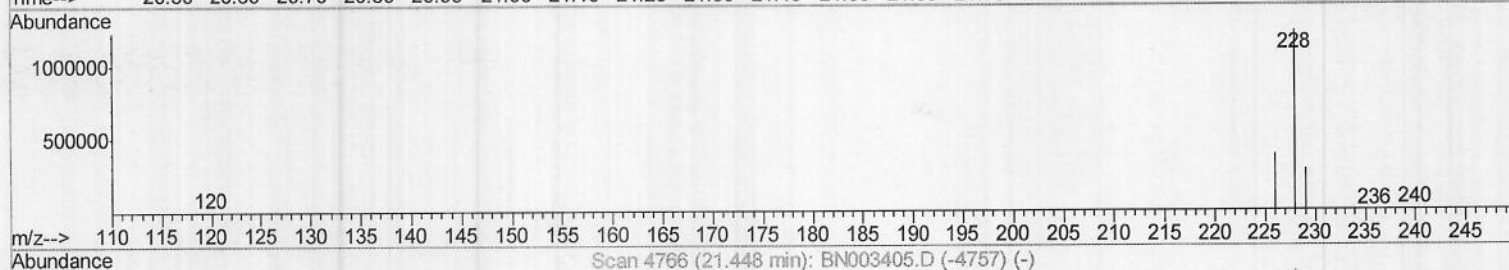
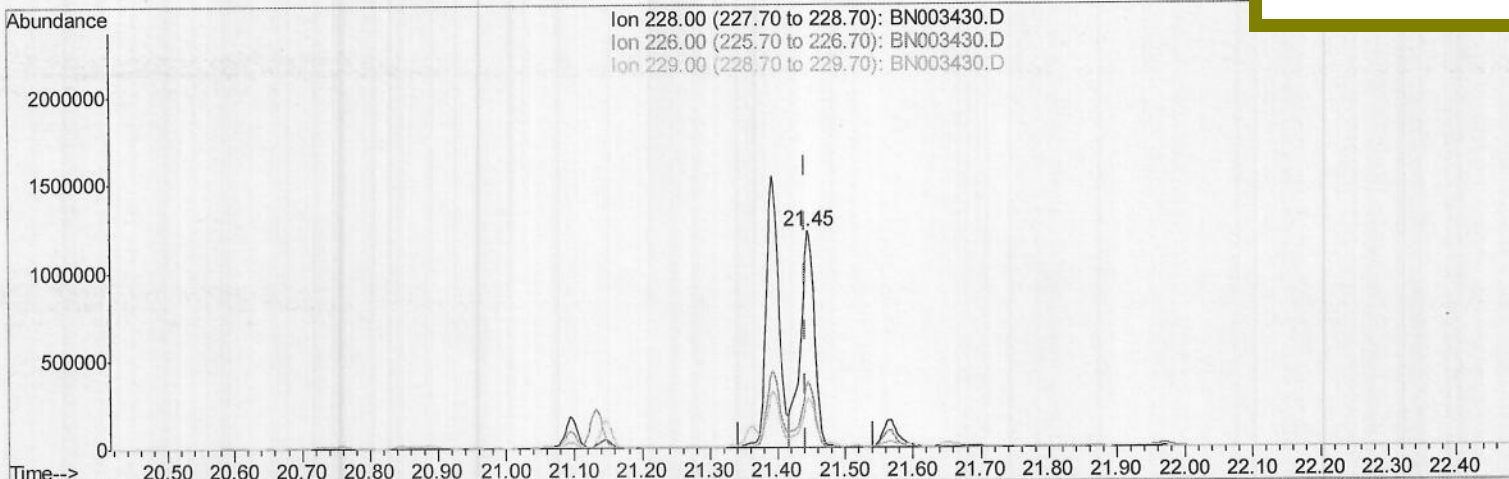
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 A40J5

Quant Time: Nov 05 16:14:44 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
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(19) Chrysene

21.445min (+0.003) 13.81ng/ul m

response 1784458

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.65
229.00	19.40	22.98
0.00	0.00	0.00

Handwritten: SJ
 11/06/18

Quantitation Report (Qedit)

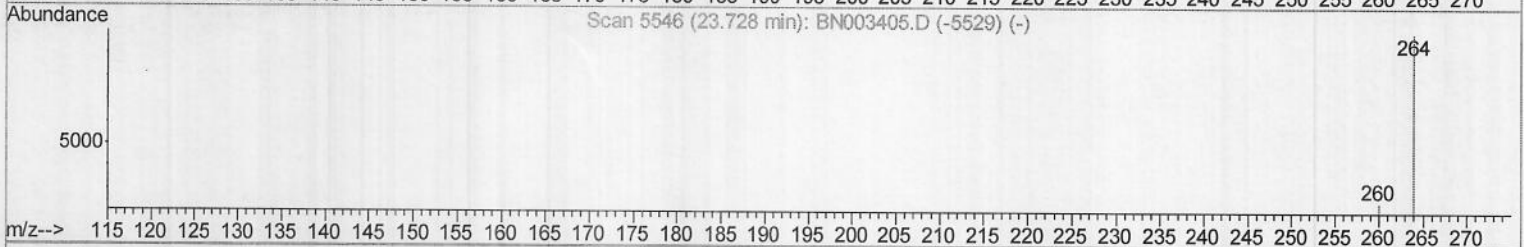
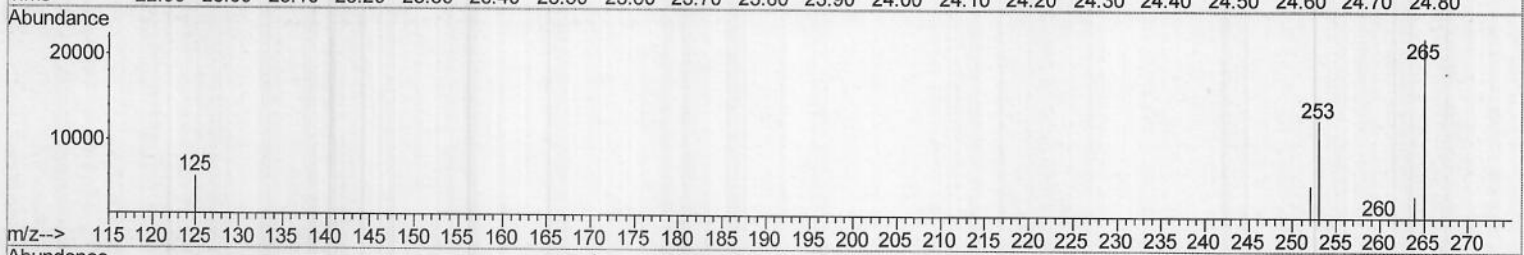
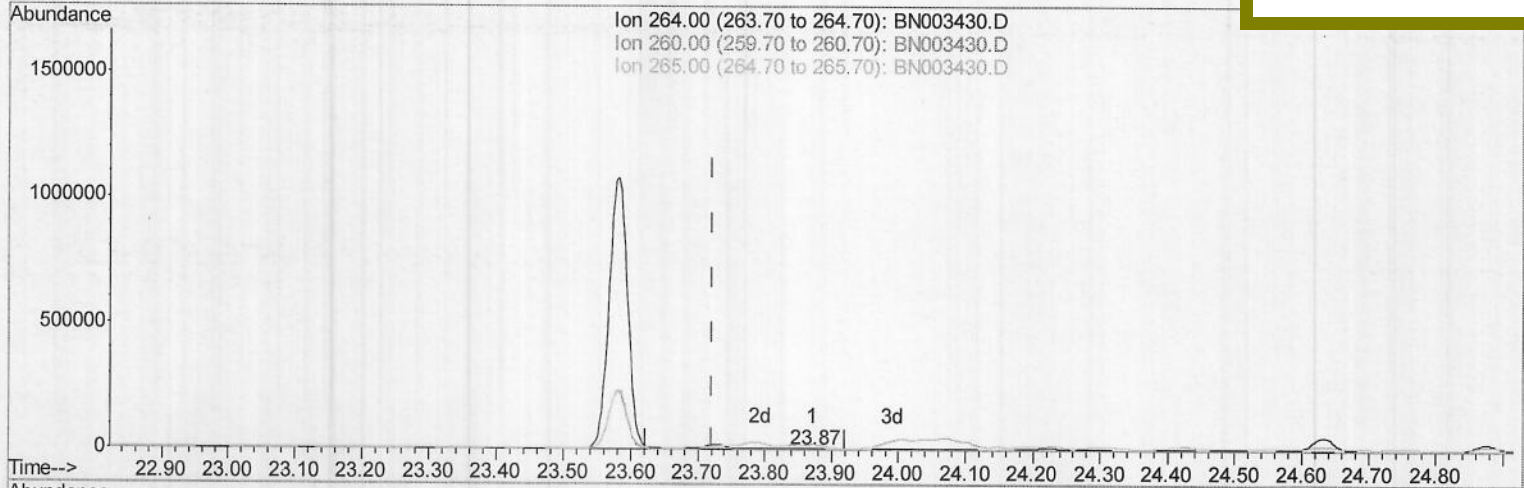
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:14:44 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
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 11/6/2018 1:23:52 PM



(20) Perylene-d12 (I)
 23.871min (+0.149) 0.40ng/ul
 response 9170

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	37.69#
265.00	33.70	529.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

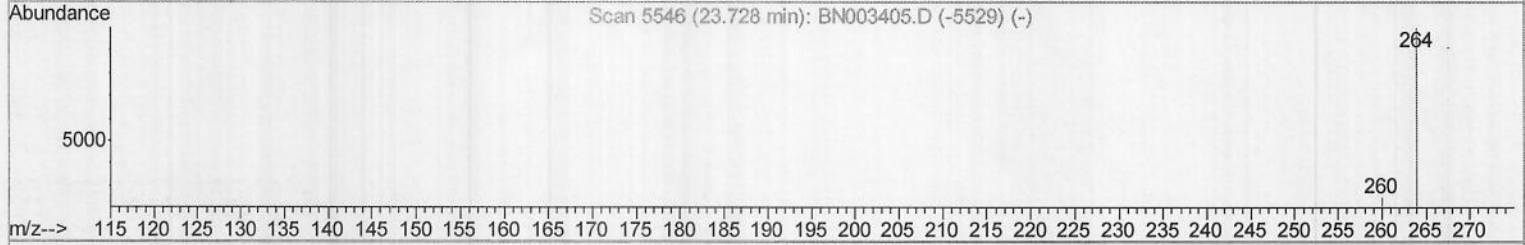
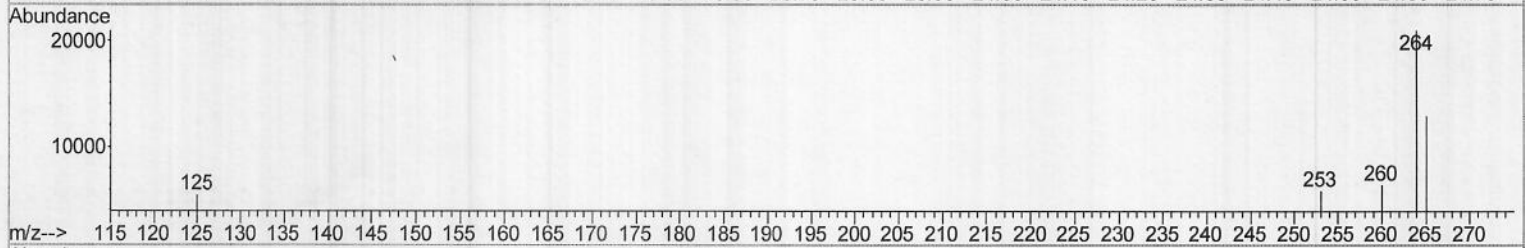
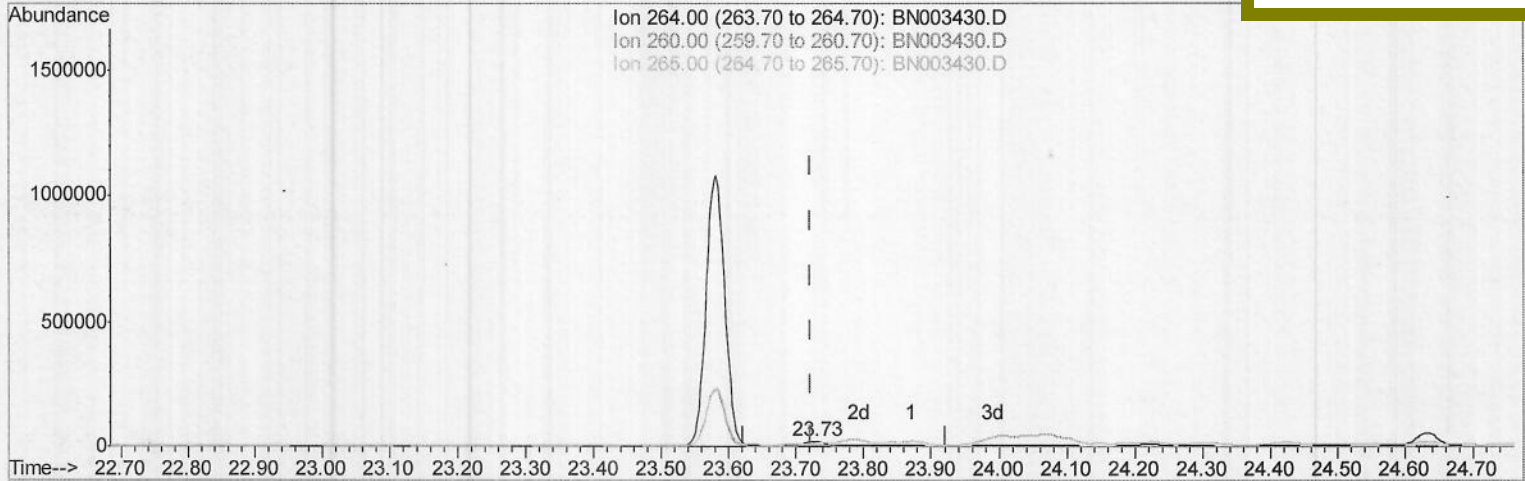
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A40J5

Quant Time: Nov 05 16:14:44 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
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(20) Perylene-d12 (I)

23.728min (+0.006) 0.40ng/ul m

response 34044

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	30.80#
265.00	33.70	61.77#
0.00	0.00	0.00

SJ
11/06/18

Quantitation Report (Qedit)

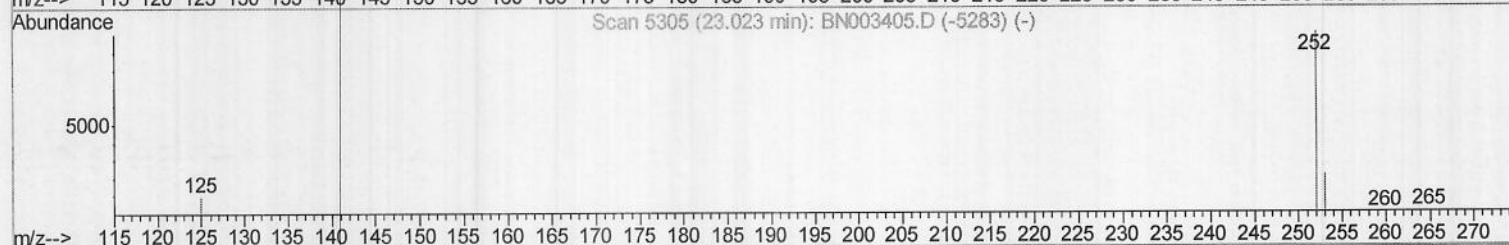
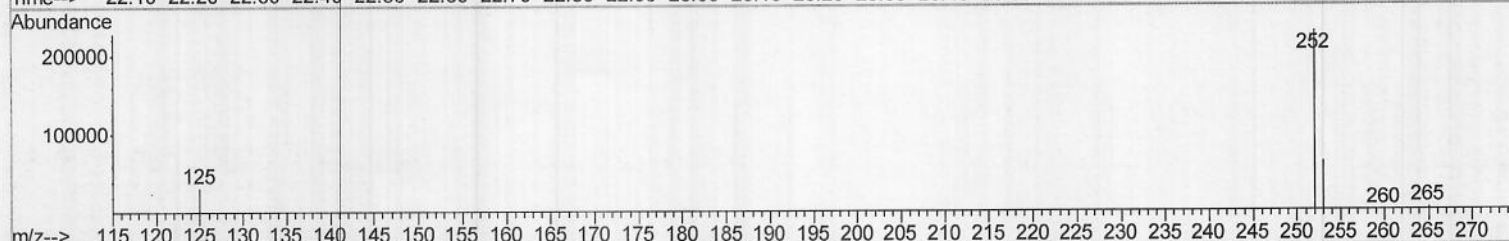
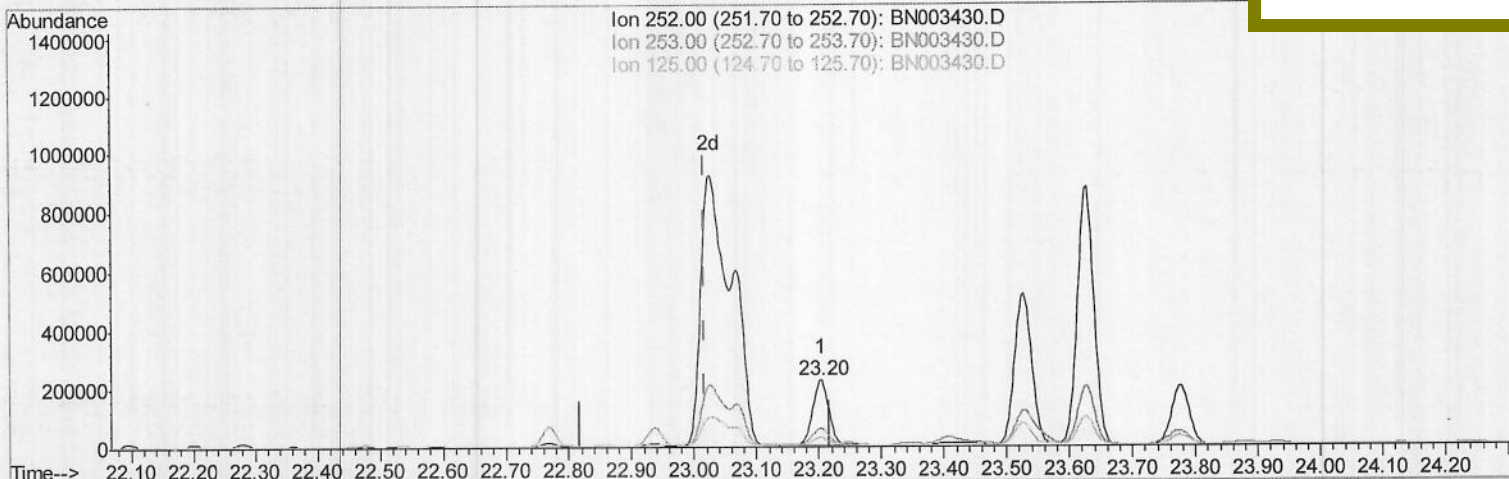
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 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
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 11/6/2018 1:23:52 PM



(21) Benzo(b)fluoranthene
 23.205min (+0.187) 2.80ng/ul
 response 410486

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	28.02
125.00	10.90	14.37
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :

ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

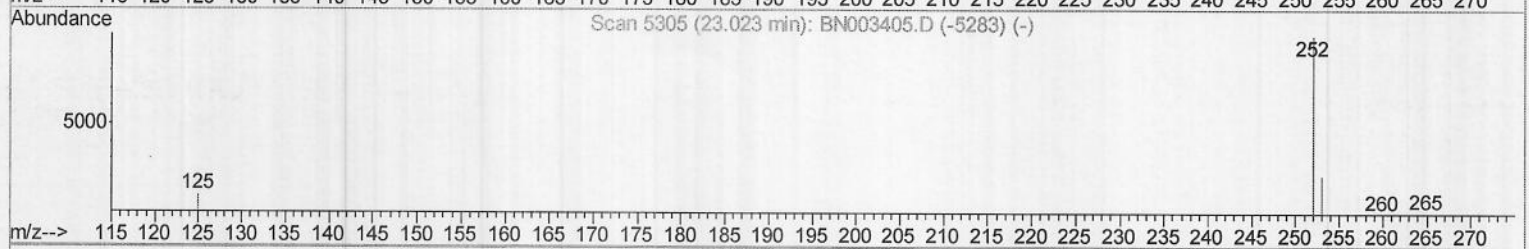
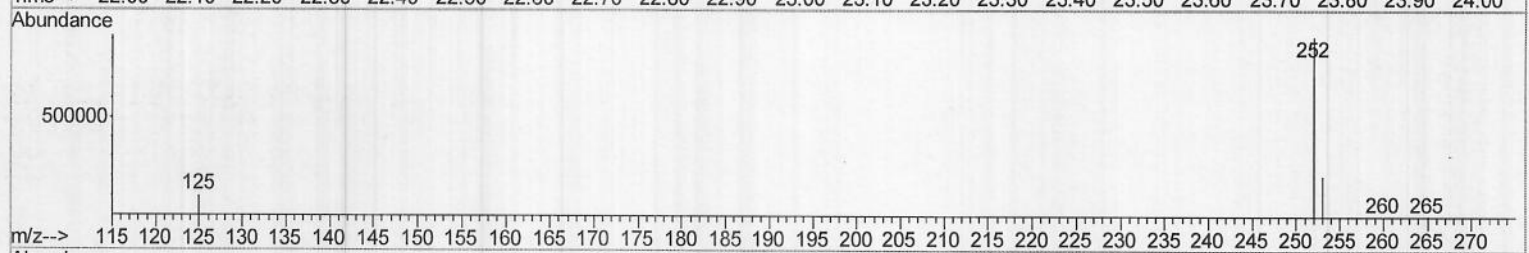
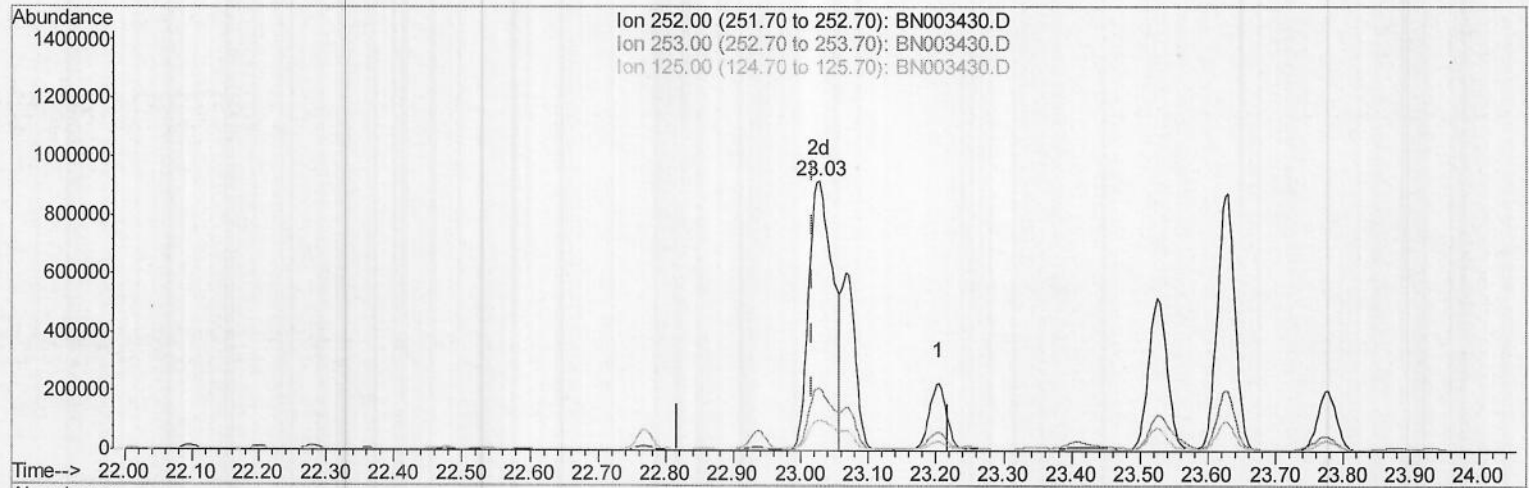
A40J5

Manual Integrations

APPROVED

Sohil

11/6/2018 1:23:52 PM



TIC: BN003430.D

(21) Benzo(b)fluoranthene

23.026min (+0.009) 15.14ng/ul m

response 2221298

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.03
125.00	10.90	11.32
0.00	0.00	0.00

53
11/06/18

Quantitation Report (Qedit)

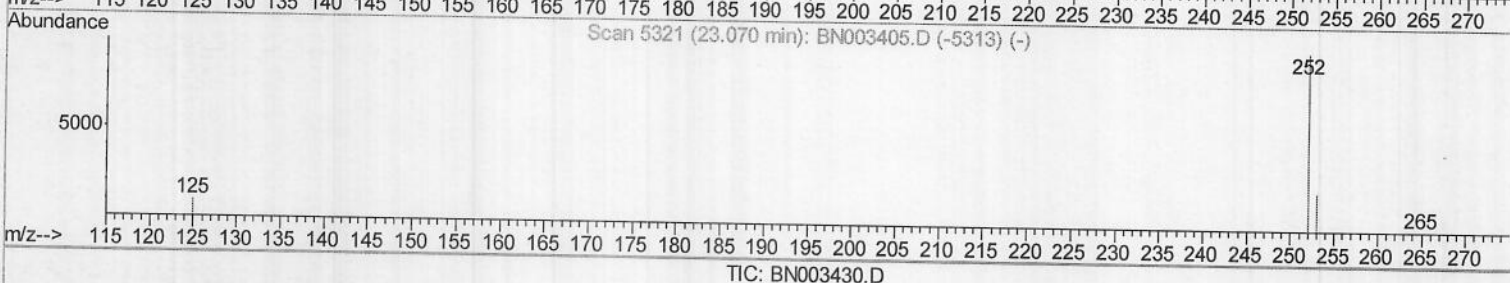
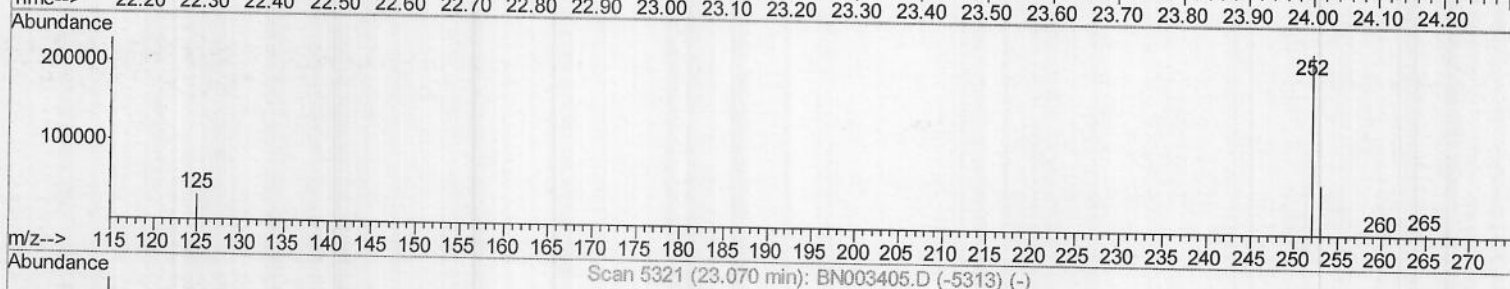
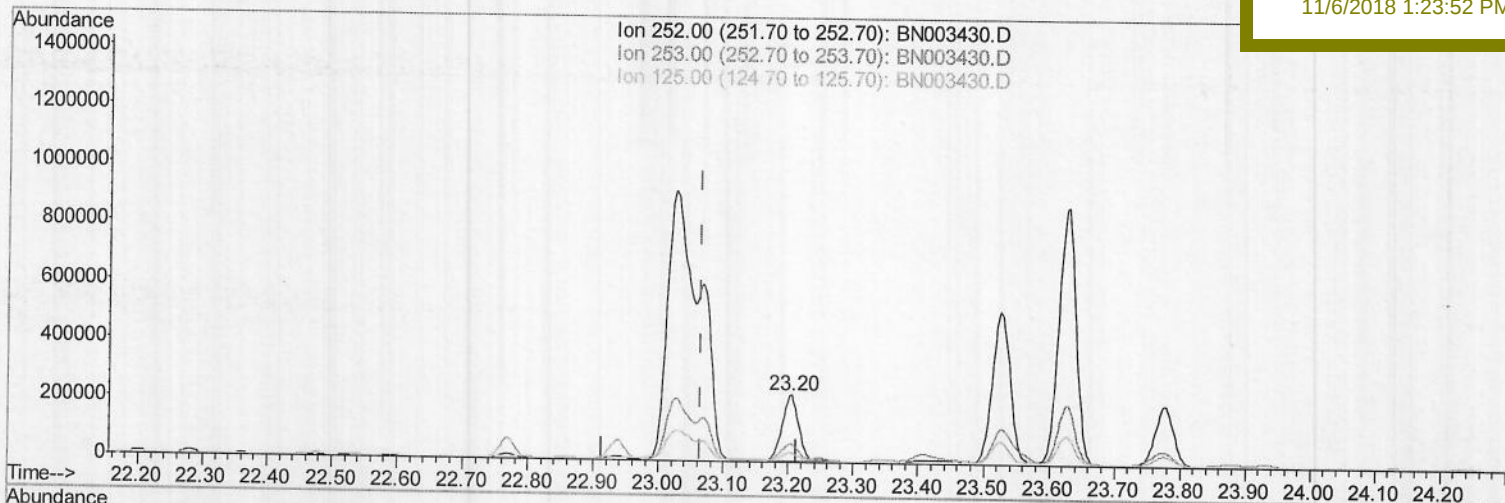
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
Client Sampled :
 A40J5

Manual Integrations
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 11/6/2018 1:23:52 PM

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.205min (+0.140) 2.89ng/ul
 response 410486

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	28.02#
125.00	10.80	14.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12

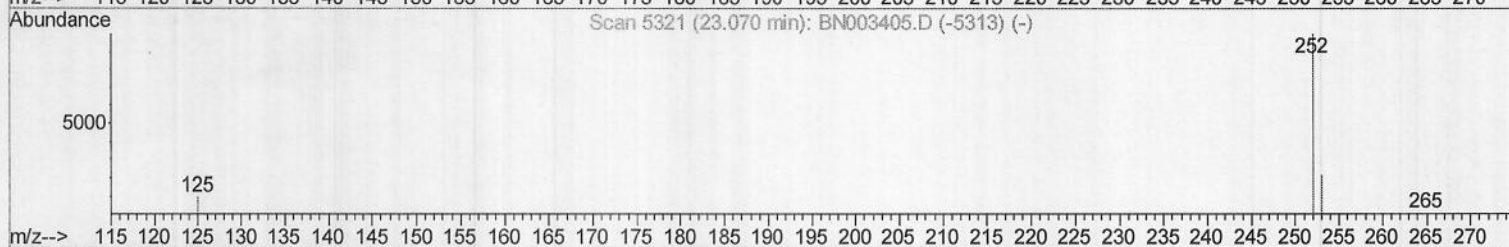
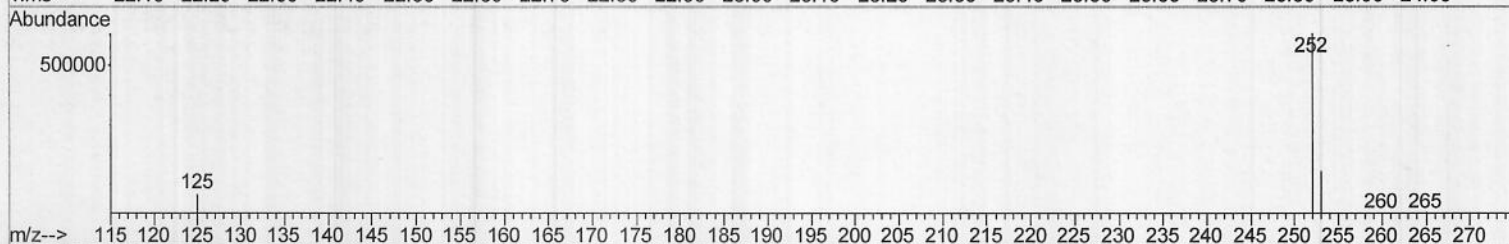
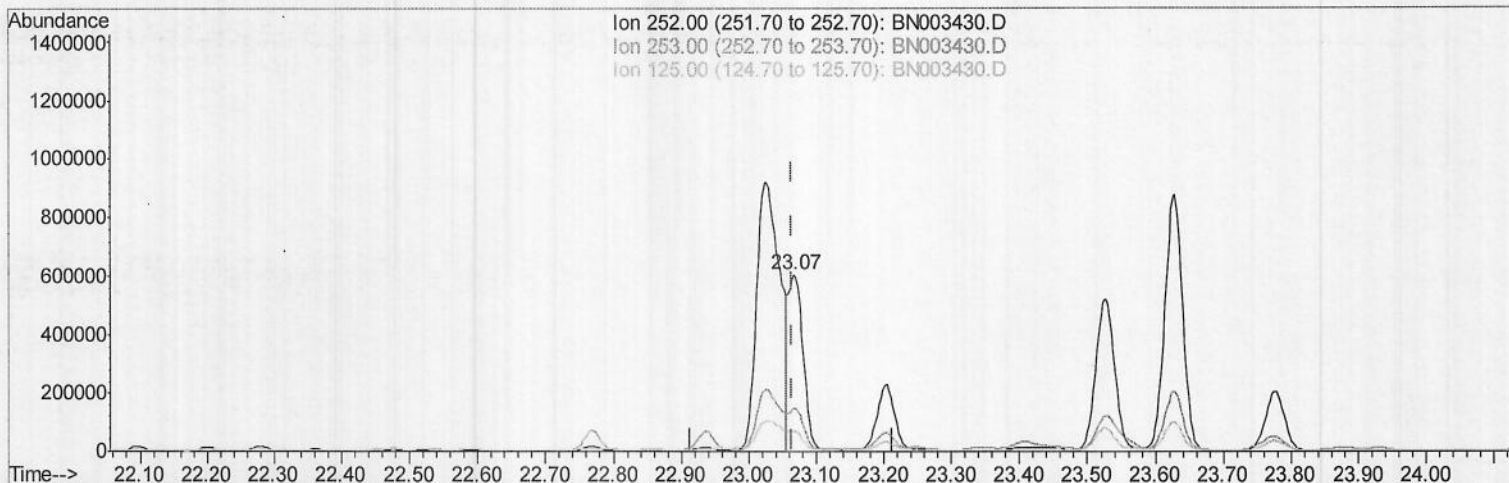
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Manual Integrations
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Sohil
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Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration



TIC: BN003430.D

(22) Benzo(k)fluoranthene
23.067min (+0.003) 6.51ng/ul m
response 924460

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.19
125.00	10.80	11.11
0.00	0.00	0.00

SJ
11/06/18

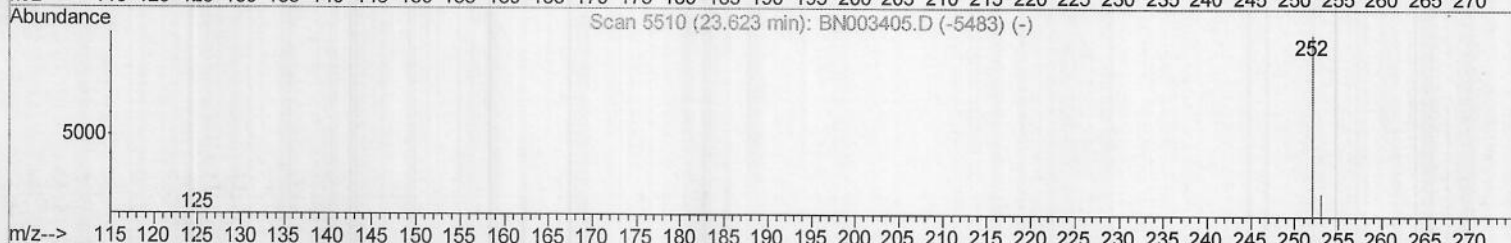
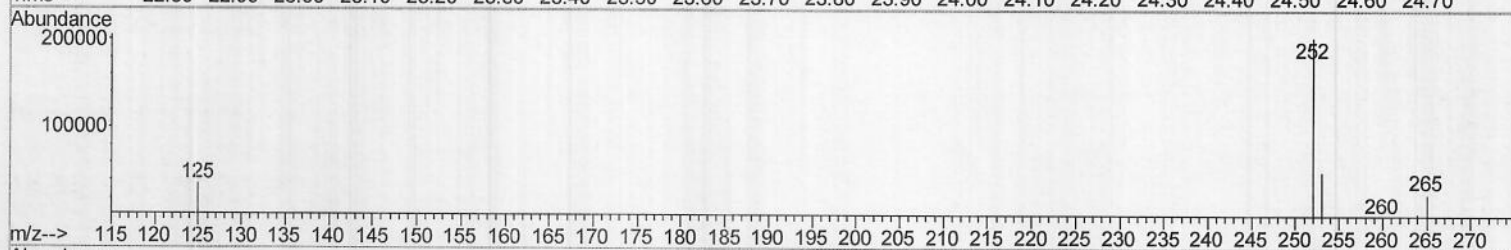
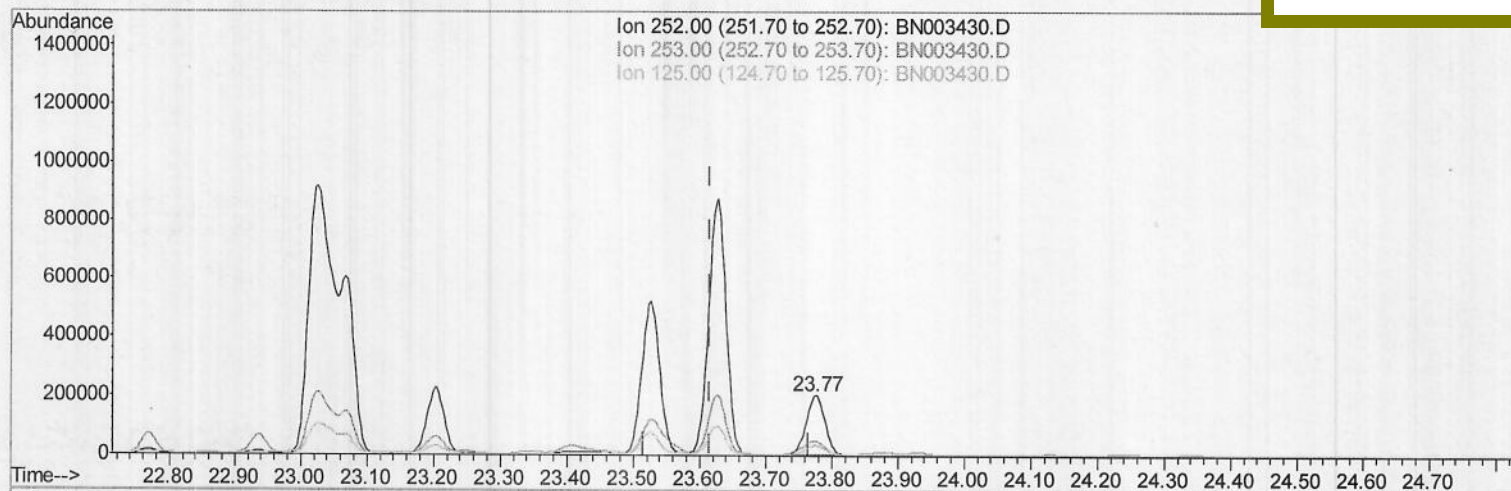
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(23) Benzo(a)pyrene (C)

23.775min (+0.158) 3.24ng/ul

response 396905

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.59
125.00	12.40	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

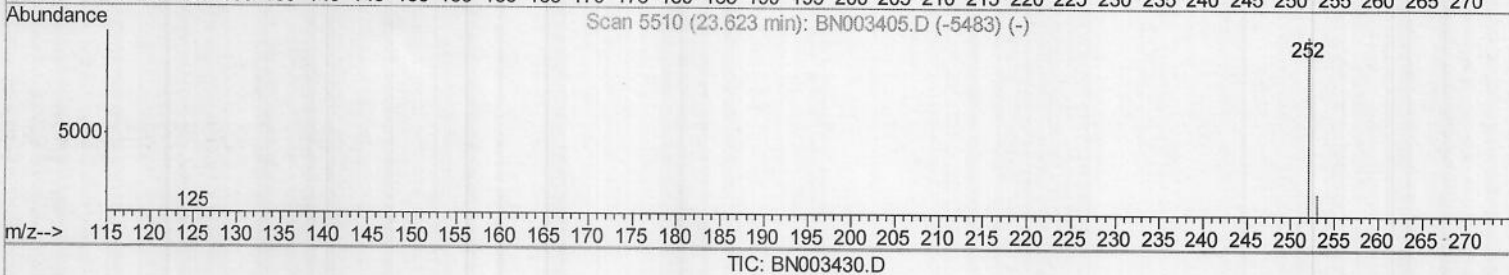
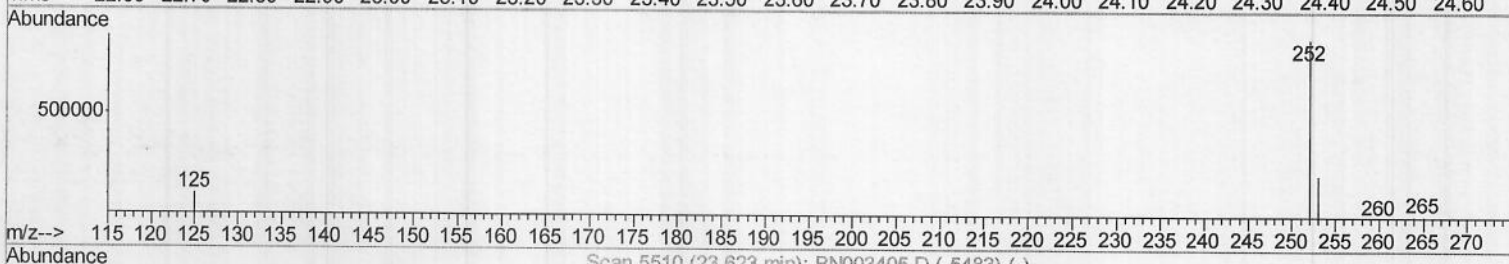
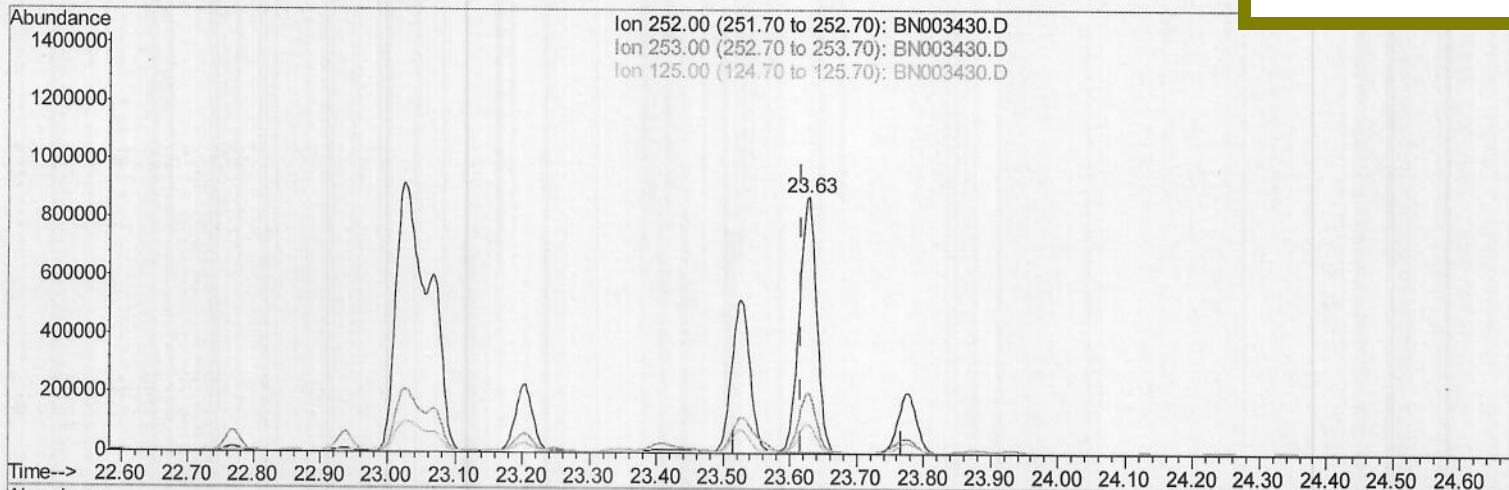
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 11/6/2018 1:23:52 PM



(23) Benzo(a)pyrene (C)
 23.628min (+0.012) 12.97ng/ul m
 response 1588408

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.46
125.00	12.40	11.57
0.00	0.00	0.00

SJ
11/06/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

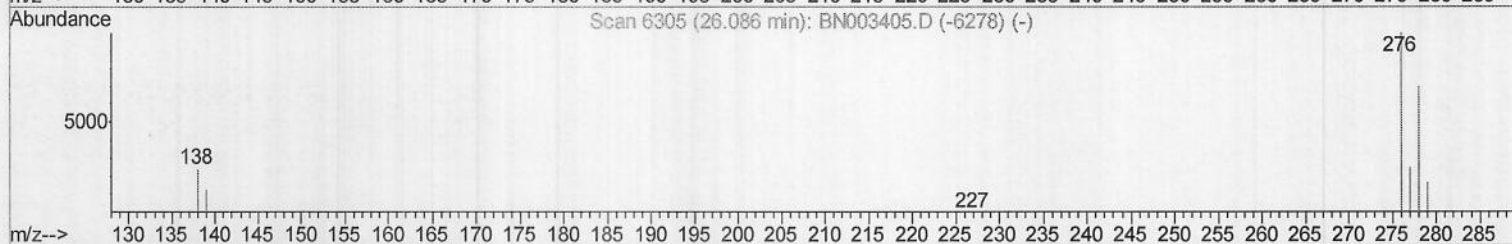
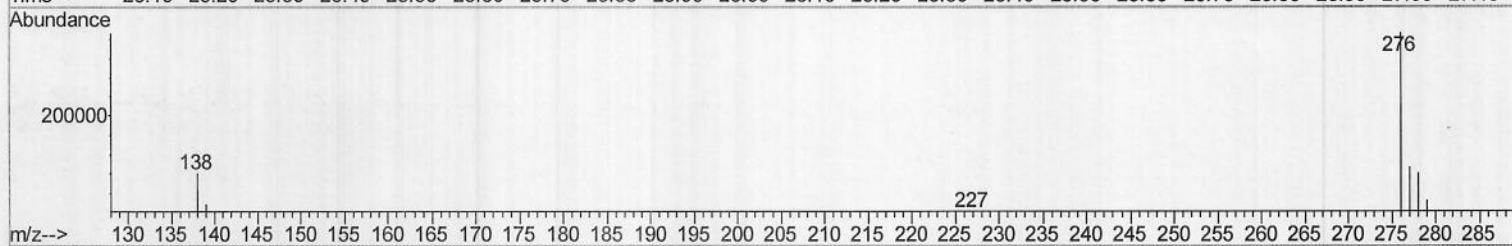
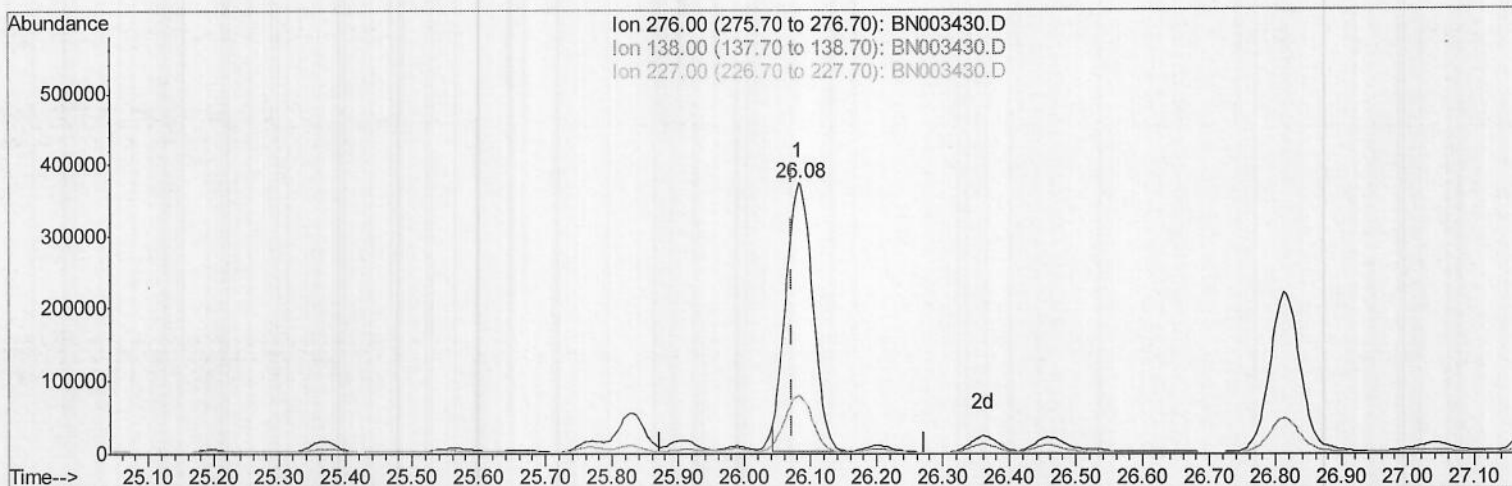
Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(24) Indeno(1,2,3-cd)pyrene

26.082min (+0.010) 7.99ng/ul

response 1047499

Ion	Exp%	Act%
276.00	100	100
138.00	24.80	21.42
227.00	0.20	0.17
0.00	0.00	0.00

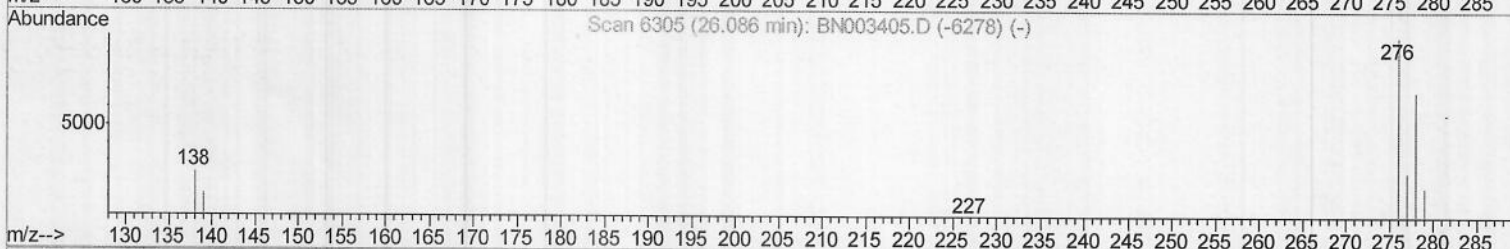
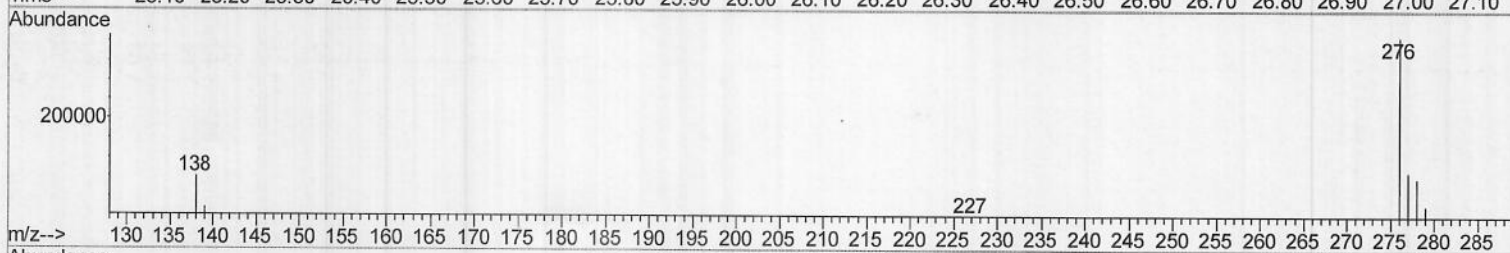
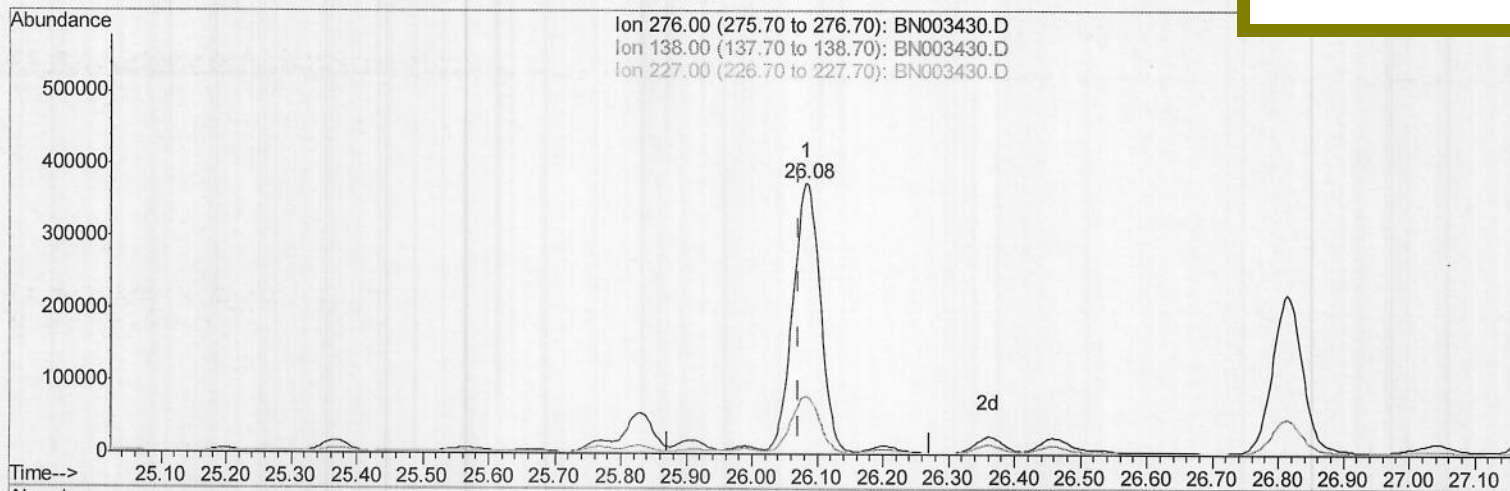
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(24) Indeno(1,2,3-cd)pyrene

26.082min (+0.010) 8.25ng/ul m

response 1081399

Ion	Exp%	Act%
276.00	100	100
138.00	24.80	20.75
227.00	0.20	0.16
0.00	0.00	0.00

SJ
11/06/18

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12

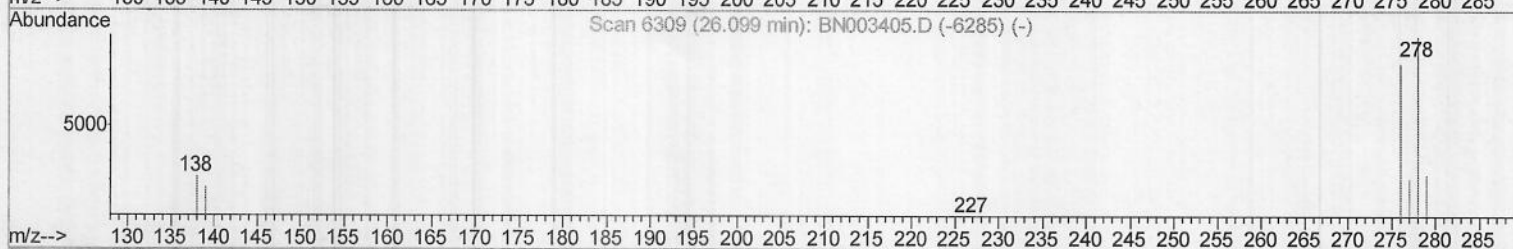
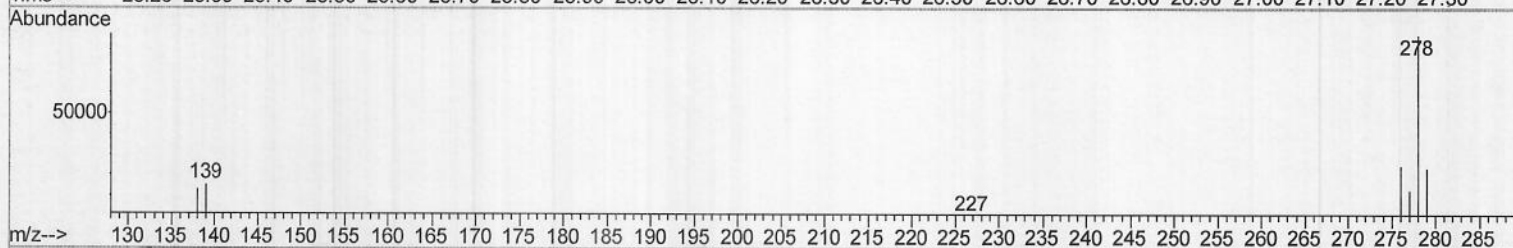
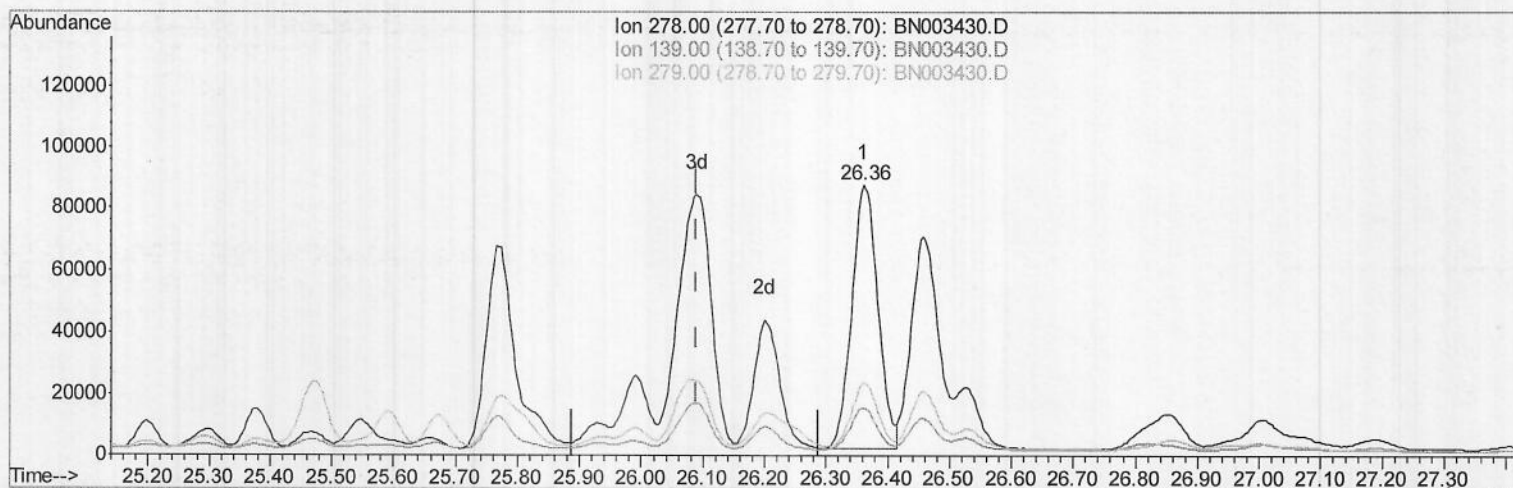
Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 11/6/2018 1:23:52 PM



TIC: BN003430.D

(25) Dibenzo(a,h)anthracene

26.361min (+0.272) 2.35ng/ul

response 250889

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	17.81
279.00	24.40	27.14
0.00	0.00	0.00

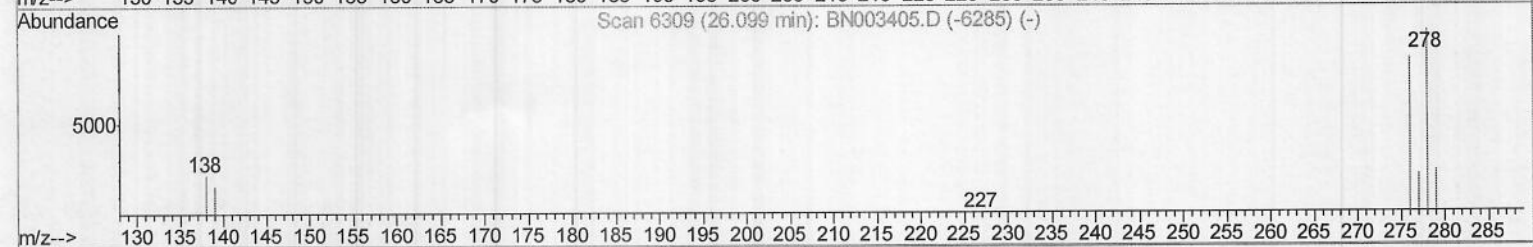
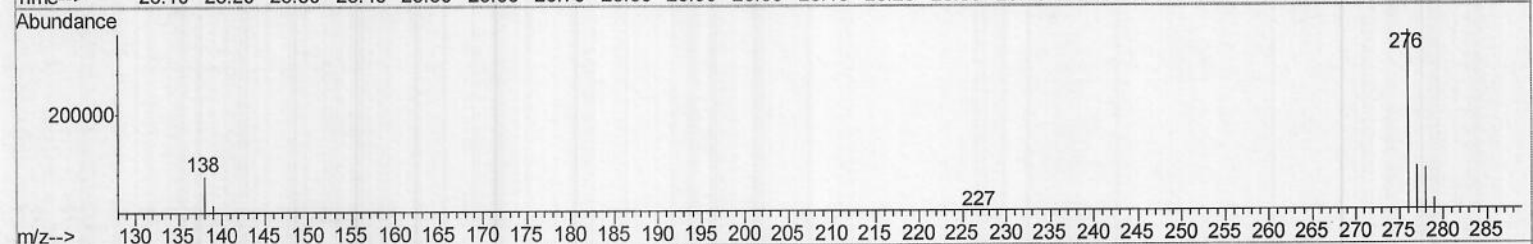
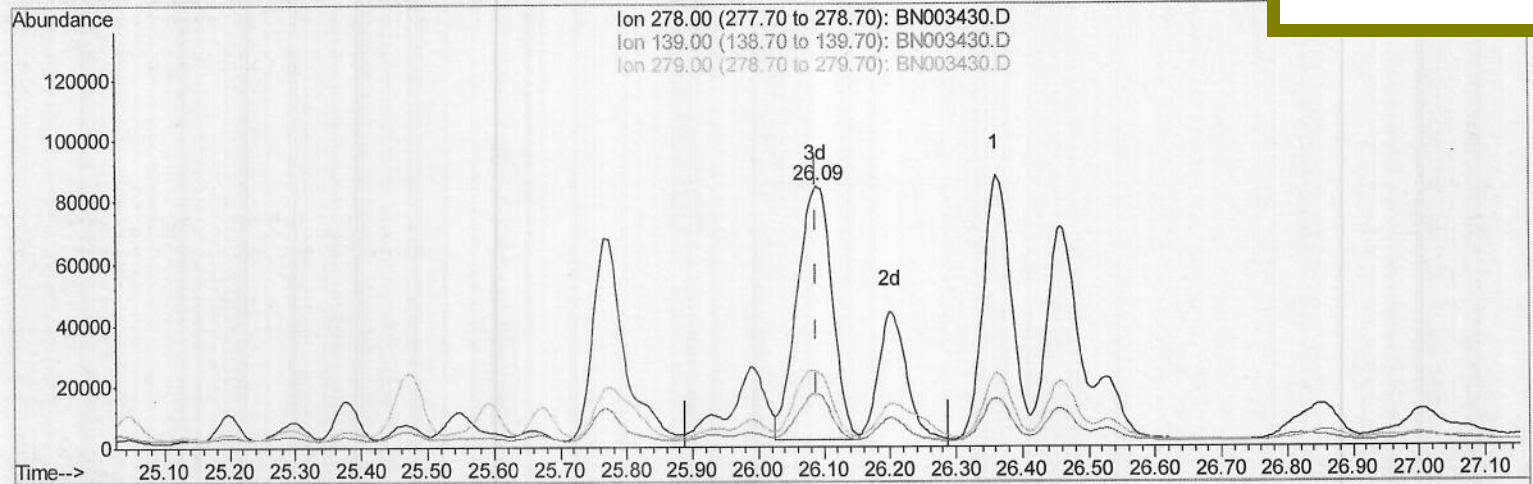
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(25) Dibenzo(a,h)anthracene

26.089min (-0.000) 2.85ng/ul m

response 304629

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	20.13#
279.00	24.40	28.98
0.00	0.00	0.00

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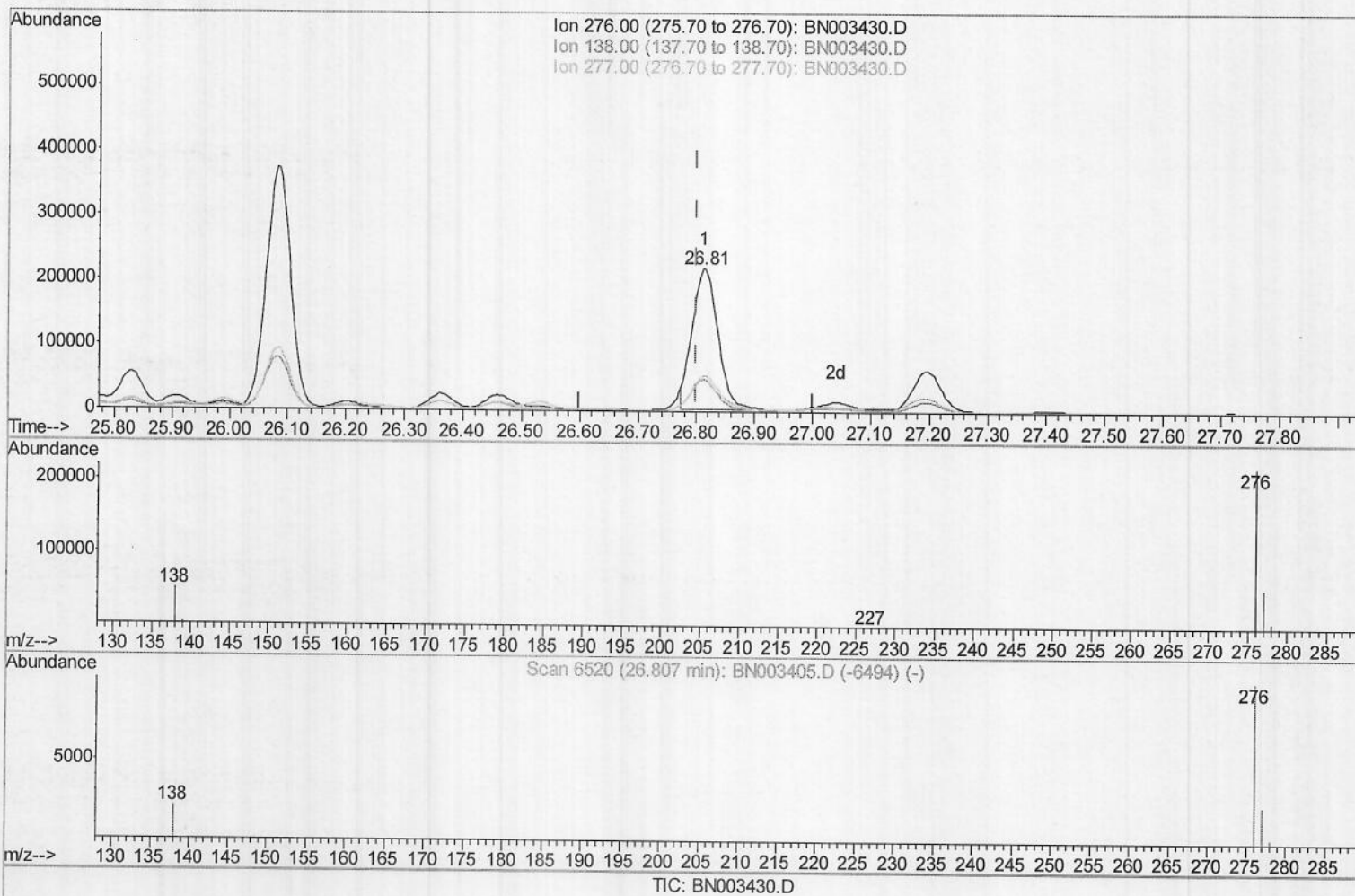
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



(26) Benzo(g,h,i)perylene

26.813min (+0.013) 5.95ng/ul

response 669147

Ion	Exp%	Act%
276.00	100	100
138.00	21.30	22.02
277.00	24.00	24.60
0.00	0.00	0.00

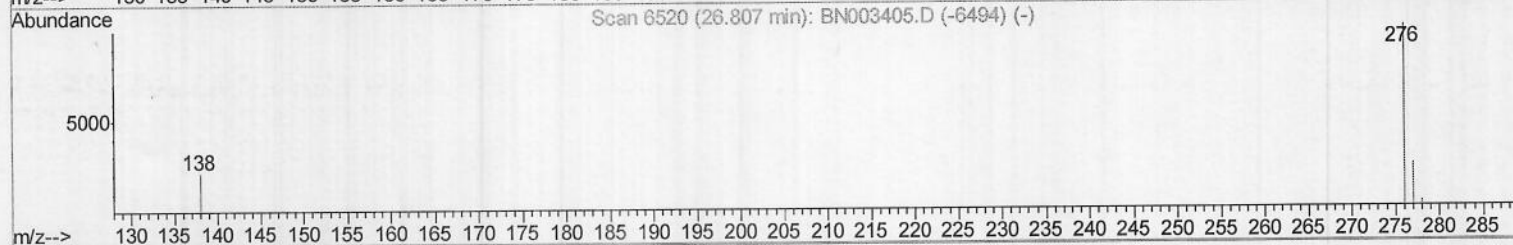
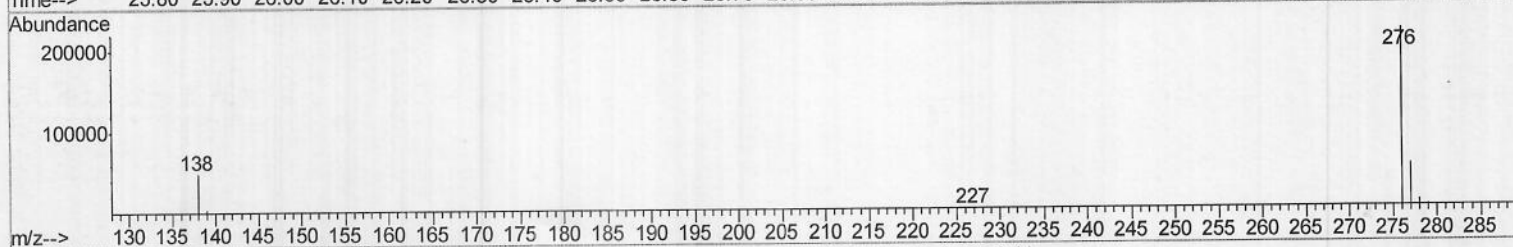
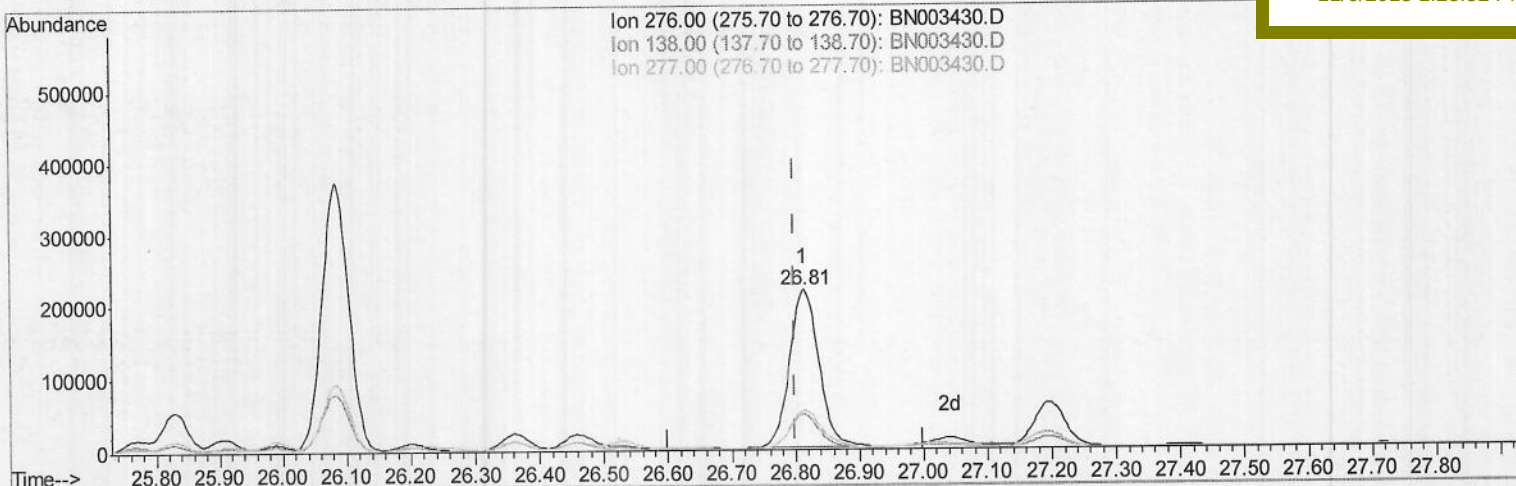
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:15:59 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 : Mon Nov 05 15:40:40 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



TIC: BN003430.D

(26) Benzo(g,h,i)perylene

26.813min (+0.013) 6.22ng/ul m

response 699824

Ion	Exp%	Act%
276.00	100	100
138.00	21.30	22.02
277.00	24.00	24.60
0.00	0.00	0.00

SJ
11/06/18

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Quant Time: Nov 05 16:19:34 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 : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45536	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25868	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	54551m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	36250m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	34044m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	20375	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	43819m	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.70	128	29636	0.232	ng/ul	99
5) 2-Methylnaphthalene	12.31	142	13766	0.150	ng/ul	100
7) Acenaphthylene	14.21	152	148268	1.319	ng/ul	99
8) Acenaphthene	14.55	153	9152	0.091	ng/ul	97
9) Fluorene	15.54	166	34478	0.292	ng/ul	99
11) Pentachlorophenol	16.87	266	605m	0.055	ng/ul	
12) Phenanthrene	17.27	178	1185329m	6.626	ng/ul	
13) Anthracene	17.36	178	384501m	2.637	ng/ul	
15) Fluoranthene	19.29	202	4792804m	23.837	ng/ul	
17) Pyrene	19.65	202	3917580	29.710	ng/ul	95
18) Benzo(a)anthracene	21.39	228	2010023m	17.686	ng/ul	
19) Chrysene	21.45	228	1784458m	13.815	ng/ul	
21) Benzo(b)fluoranthene	23.03	252	2221298m	15.142	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	924460m	6.507	ng/ul	
23) Benzo(a)pyrene	23.63	252	1588408m	12.967	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	1081399m	8.247	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	304629m	2.850	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	699824m	6.223	ng/ul	

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

SJ
 11/06/18