

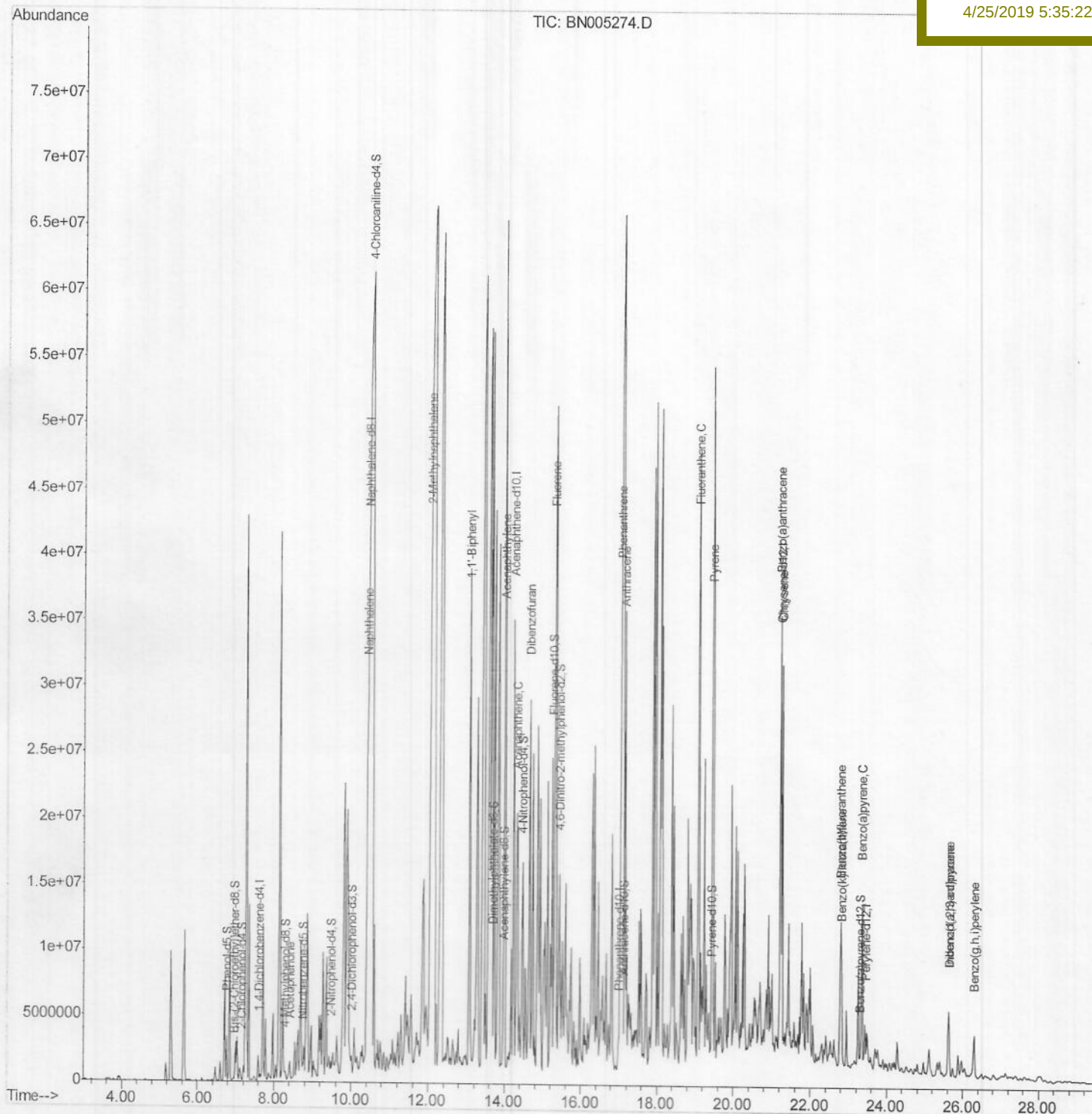
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\  
Data File : BN005274.D  
Acq On    : 25 Apr 2019    05:43  
Operator  : JU/SJ  
Sample    : K2455-05 5X  
Misc      :  
ALS Vial  : 30    Sample Multiplier: 1
```

Quant Time: Apr 25 07:21:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ7

Manual Integrations APPROVED

Sohil
4/25/2019 5:35:22 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:07:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

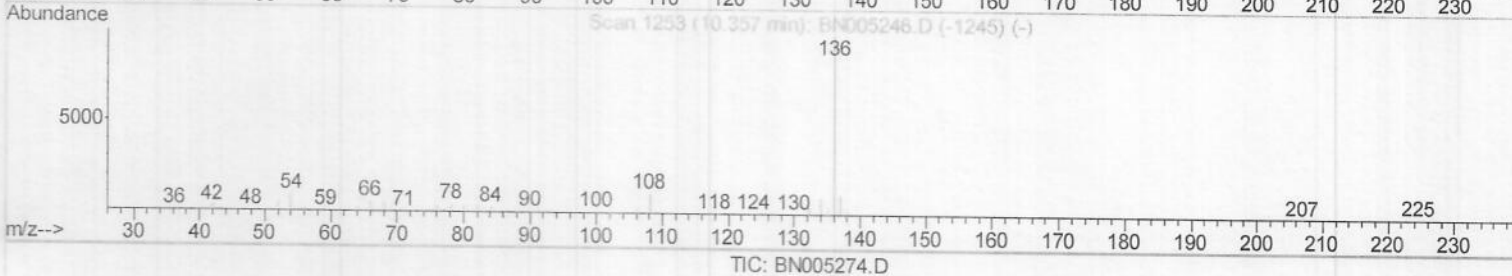
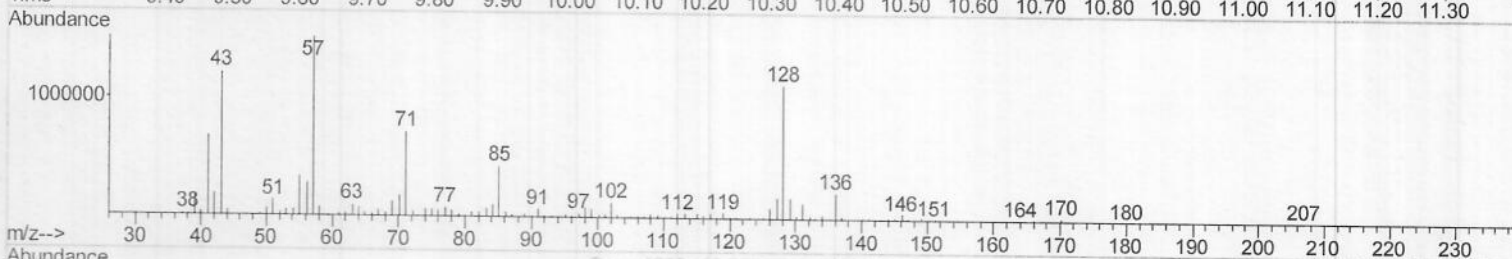
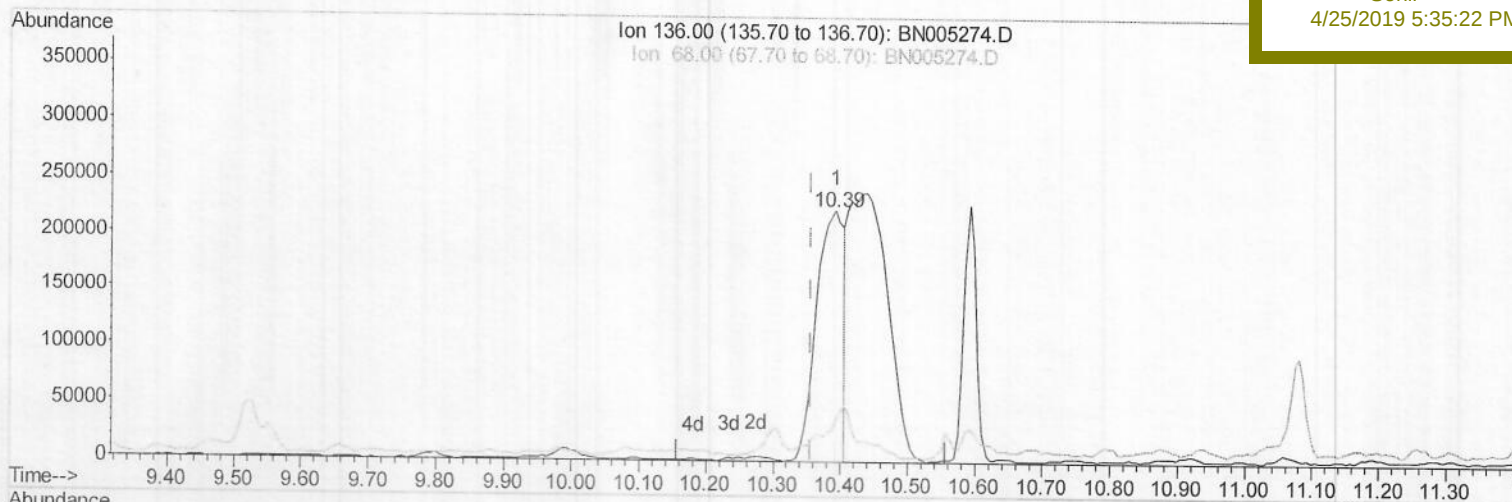
ClientSampleId :

GAHQ7

Manual Integrations
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Sohil

4/25/2019 5:35:22 PM



(18) Naphthalene-d8 (I)

10.393min (+0.036) 20.00ng/ul

response 617698

Ion	Exp%	Act%
136.00	100	100
68.00	6.00	15.82#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:21:09 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

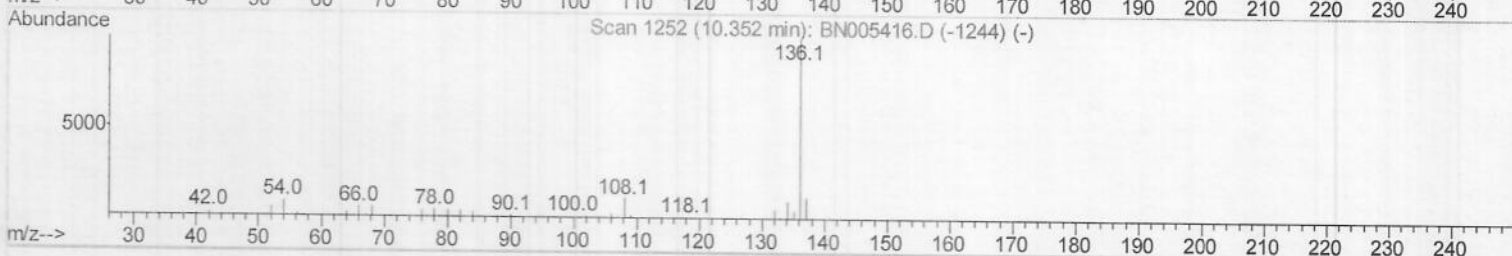
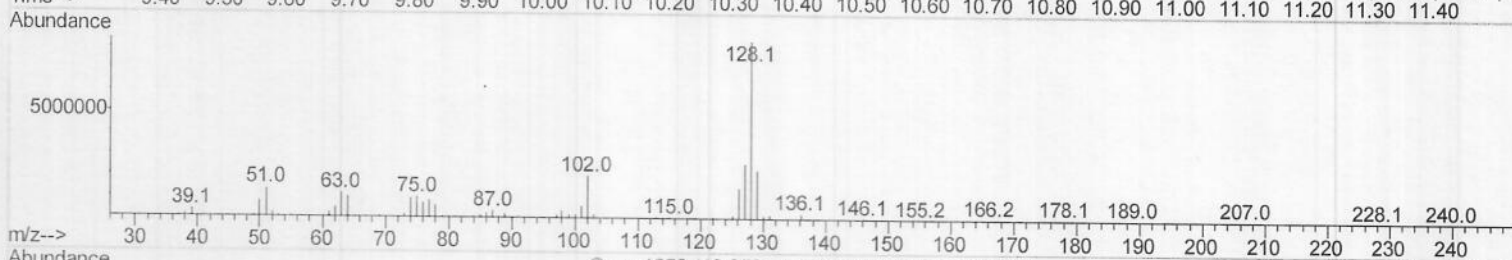
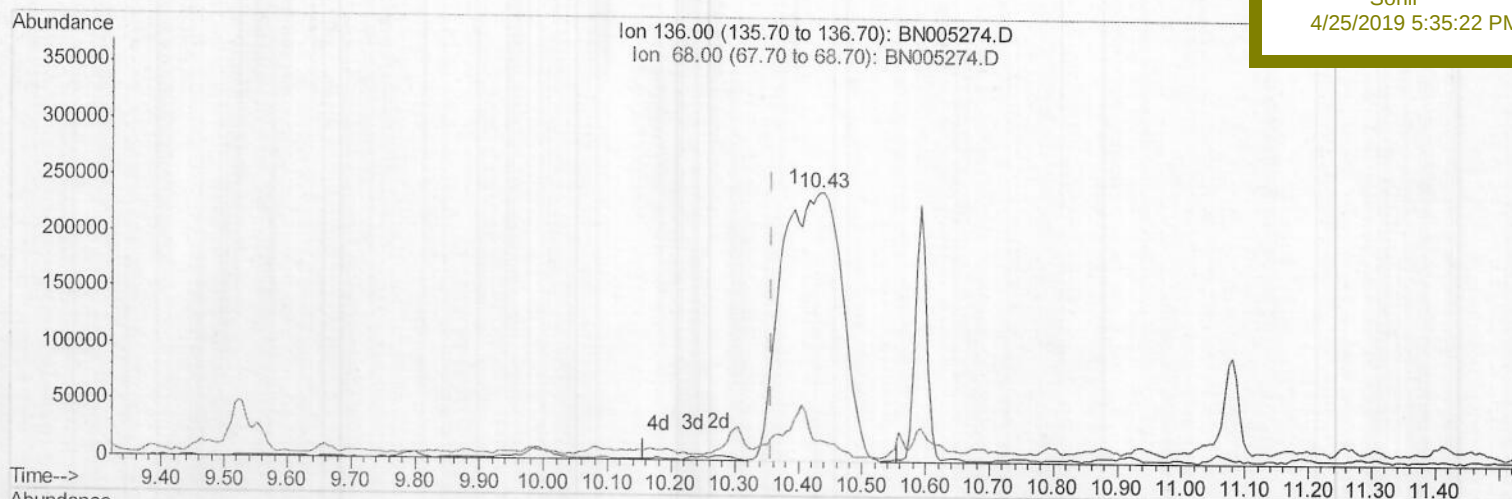
GAHQ7

Manual Integrations

APPROVED

Sohil

4/25/2019 5:35:22 PM



TIC: BN005274.D

(18) Naphthalene-d8 (I)

10.434min (+0.077) 20.00ng/ul m

response 1587155

Ion Exp% Act%

136.00 100 100

68.00 6.00 7.56#

0.00 0.00 0.00

0.00 0.00 0.00

SJ
05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

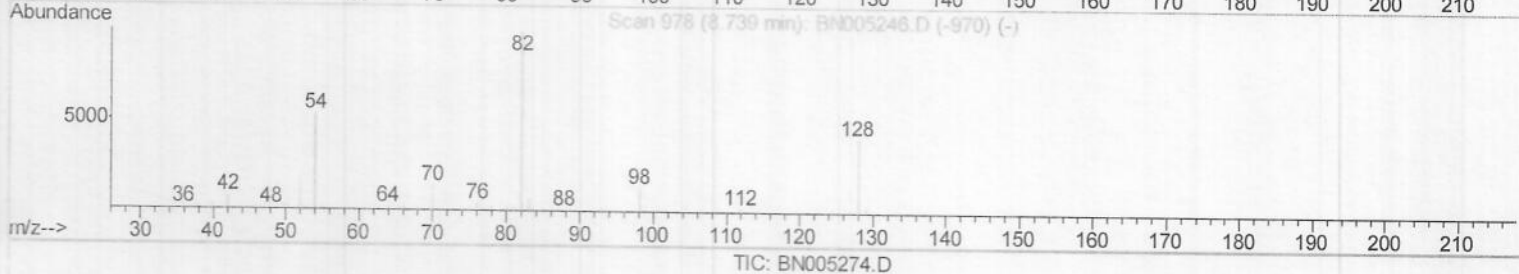
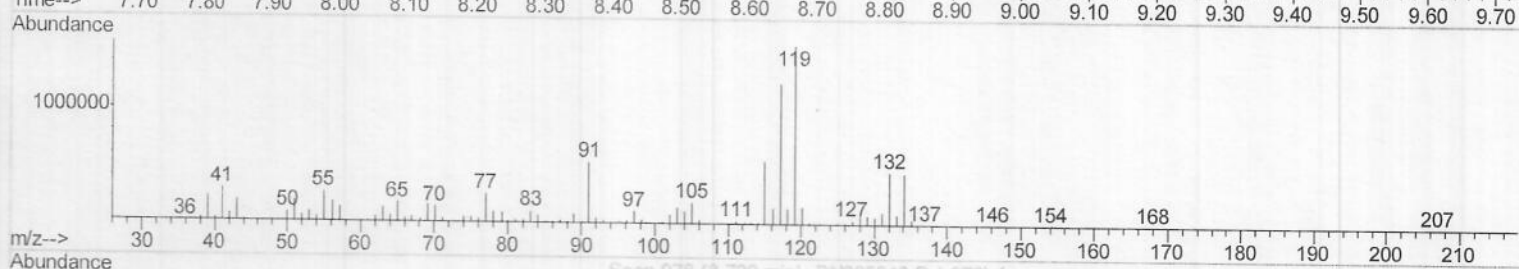
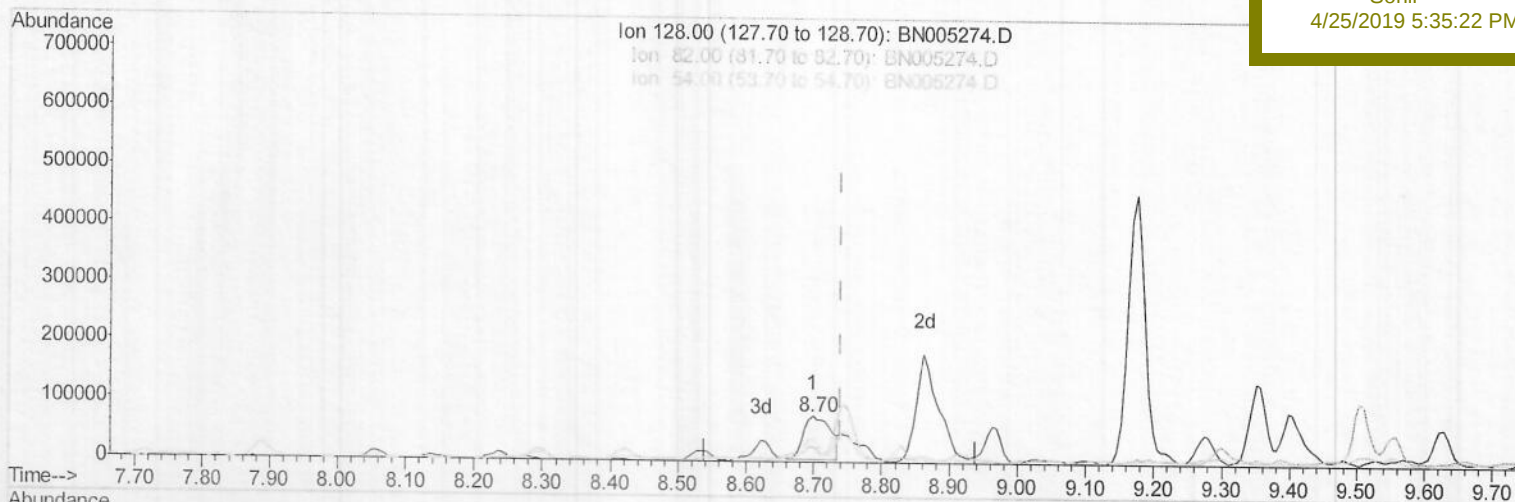
ClientSampleId :

GAHQ7

Manual Integrations
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(19) Nitrobenzene-d5 (S)

8.699min (-0.041) 20.49ng/ul

response 200114

Ion	Exp%	Act%
128.00	100	100
82.00	260.20	32.71#
54.00	147.90	50.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:19:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

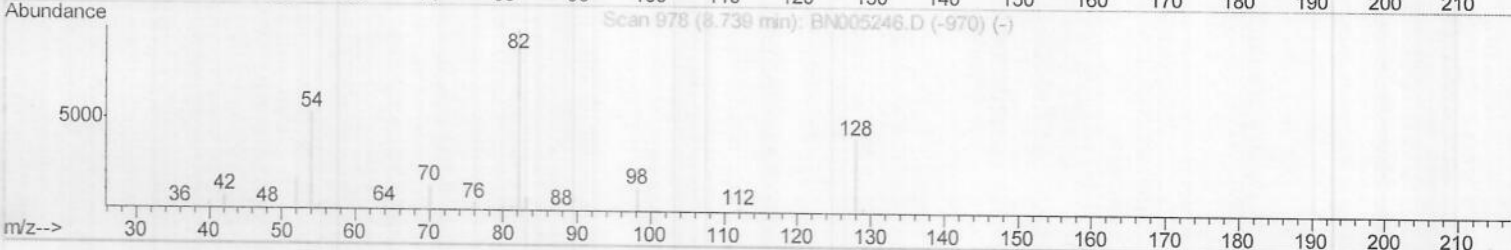
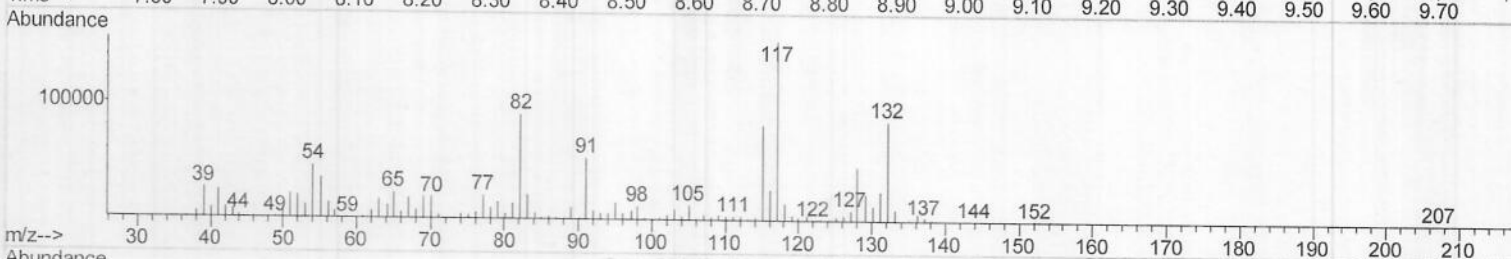
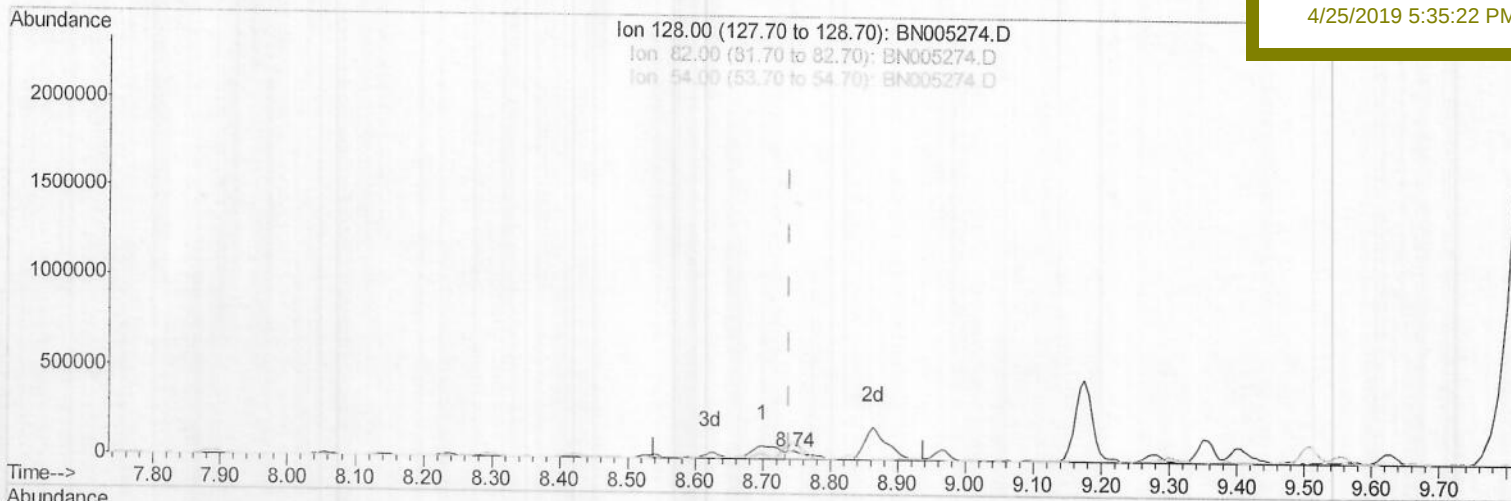
GAHQ7

Manual Integrations

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TIC: BN005274.D

(19) Nitrobenzene-d5 (S)

8.740min (+0.000) 11.55ng/ul m

response 112834

Ion Exp% Act%

128.00 100 100

82.00 260.20 192.42#

54.00 147.90 97.26#

0.00 0.00 0.00

53
05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

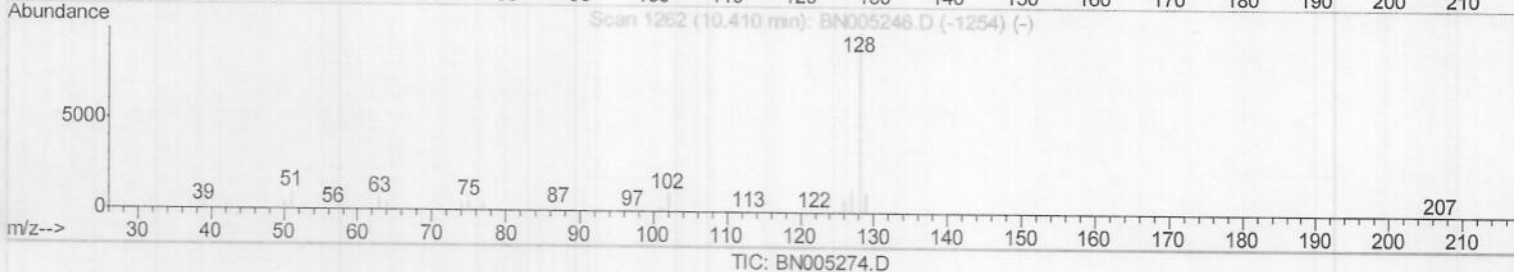
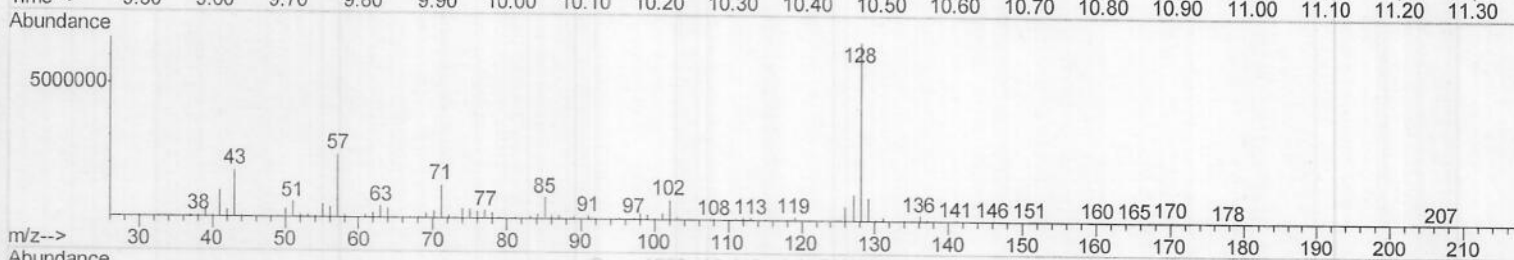
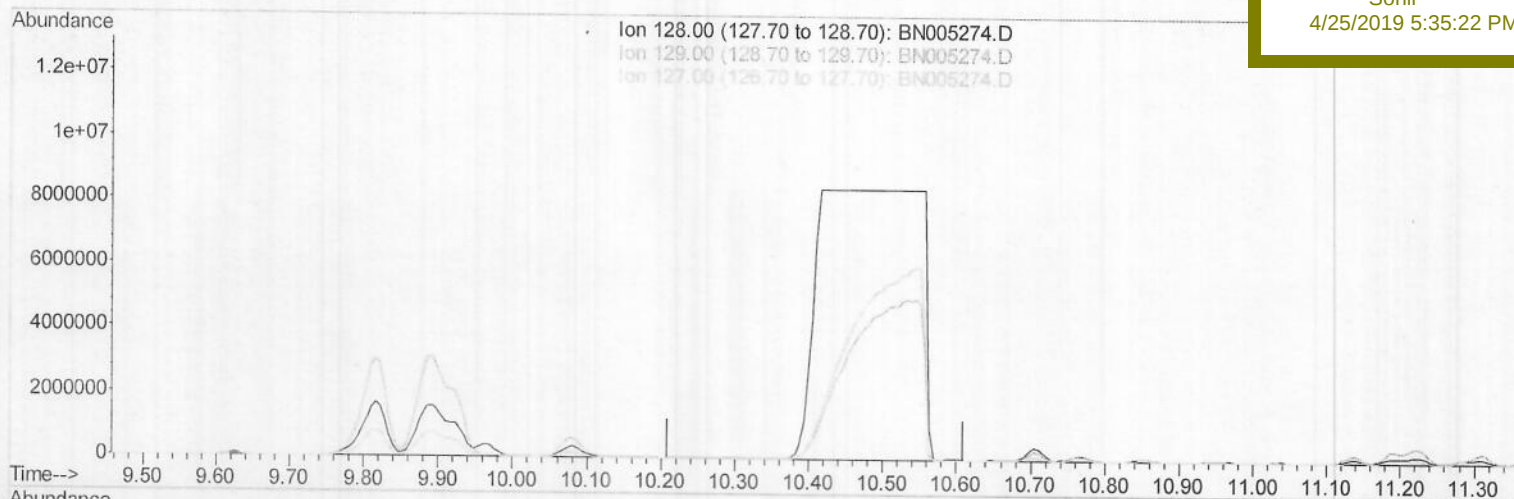
ClientSampleId :

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Manual Integrations
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(28) Naphthalene

10.410min (-10.410) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.50	0.00#
127.00	13.40	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

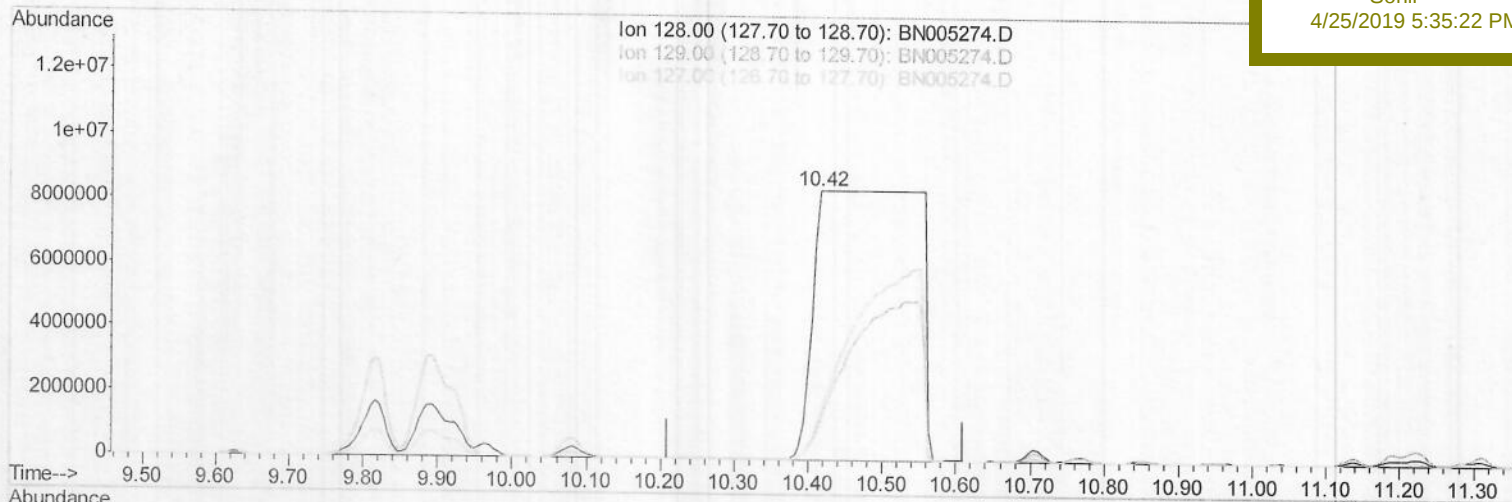
GAHQ7

Manual Integrations

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Sohil

4/25/2019 5:35:22 PM



(28) Naphthalene

10.416min (+0.006) 1080.90ng/ul m

response 79753091

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	14.64#
127.00	13.40	16.44#
0.00	0.00	0.00

SJ
05/02/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

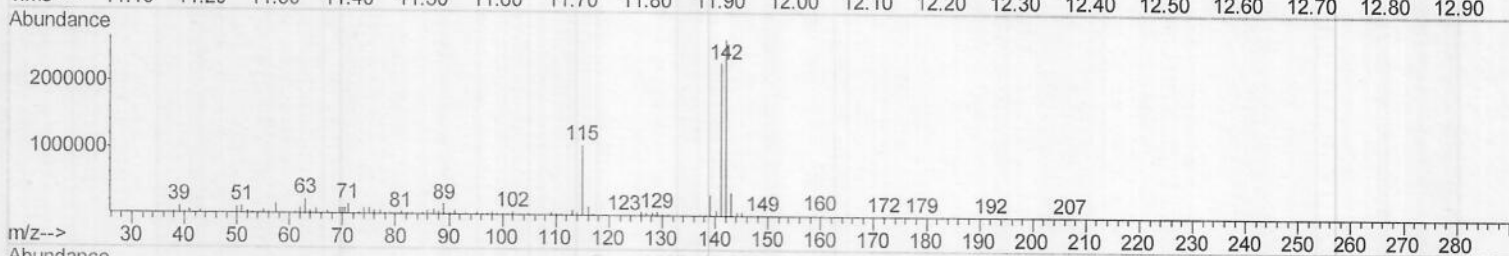
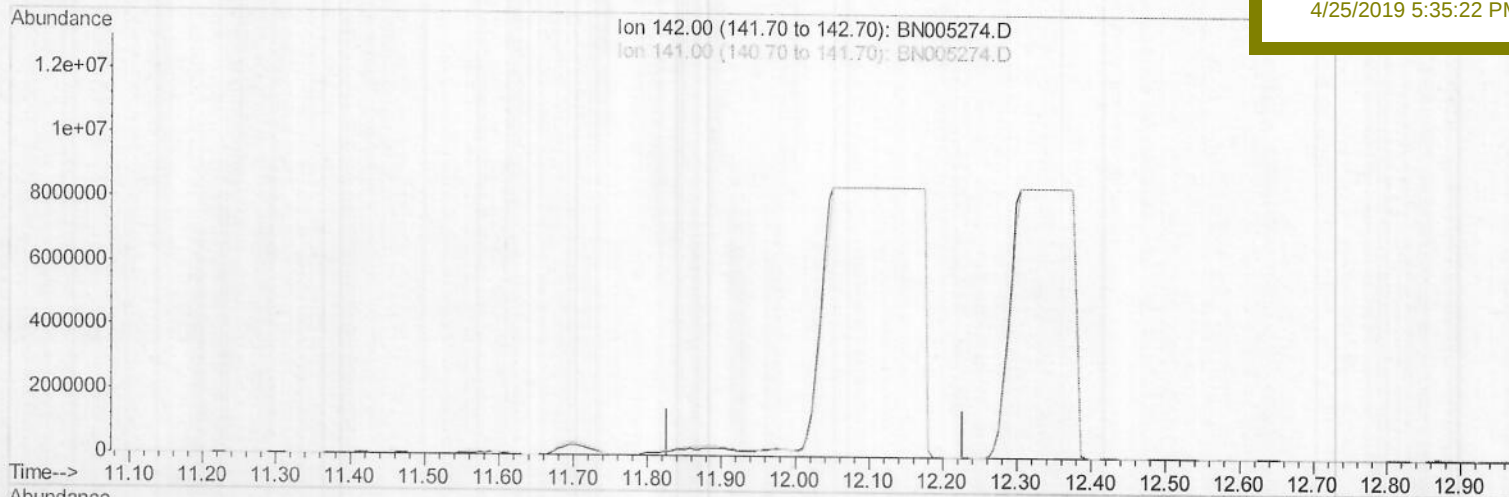
GAHQ7

Manual Integrations

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TIC: BN005274.D

(34) 2-Methylnaphthalene

12.028min (-12.028) 0.00ng/ul

response 0

Ion	Exp%	Act%
142.00	100	0.00
141.00	90.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

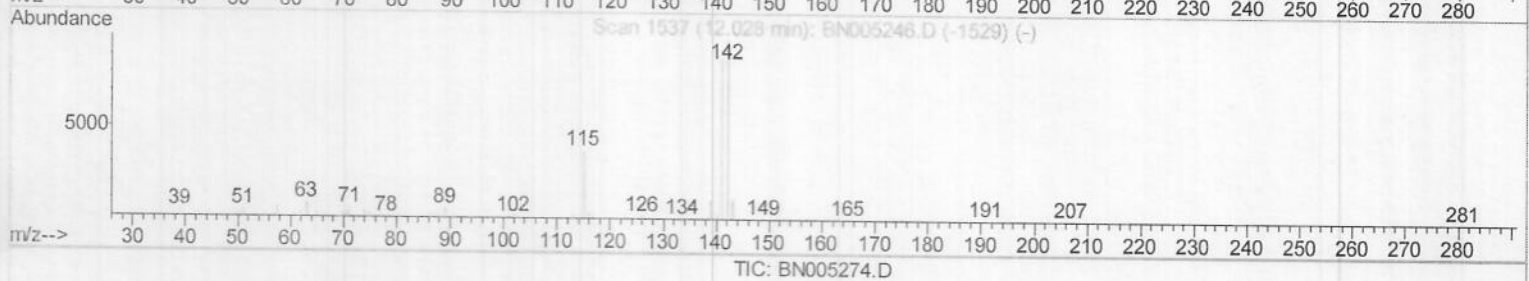
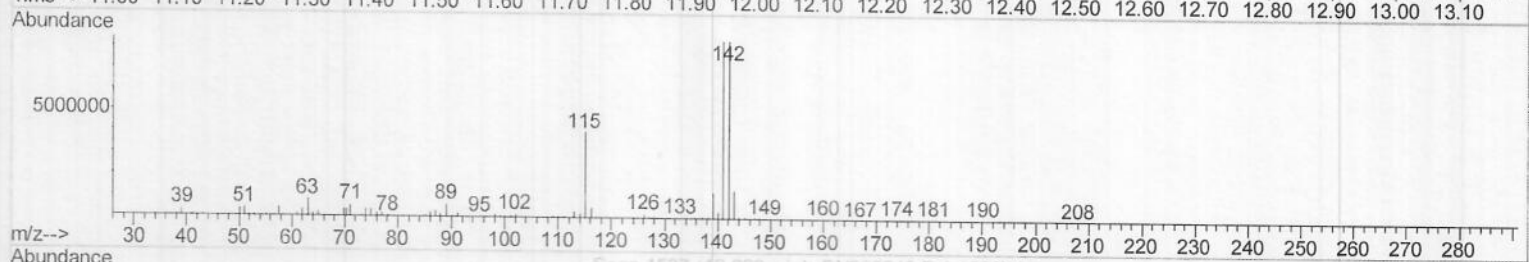
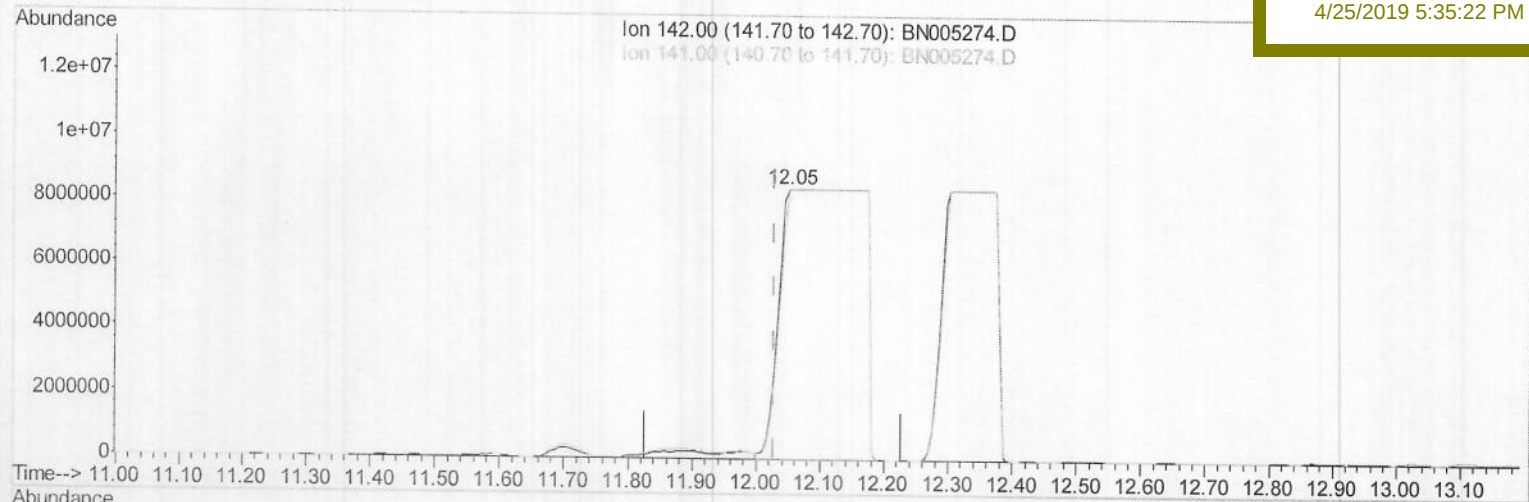
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Manual Integrations
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 4/25/2019 5:35:22 PM



(34) 2-Methylnaphthalene

12.051min (+0.024) 1361.29ng/ul m

response 73544353

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00

SJ
 05/02/19

Quantitation Report (Qedit)

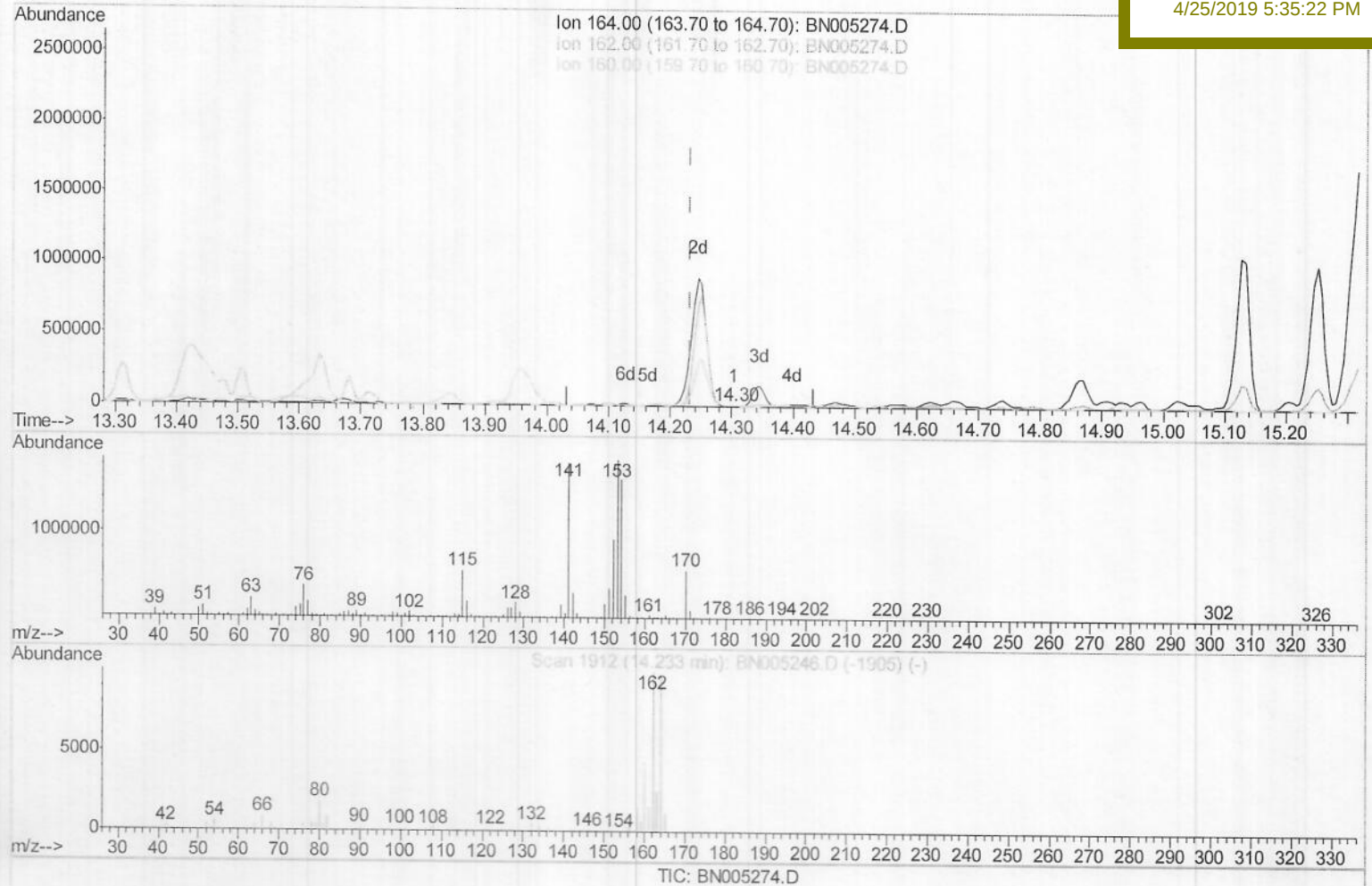
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Manual Integrations
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(35) Acenaphthene-d10 (I)

14.304min (+0.071) 20.00ng/ul

response 3897

Ion	Exp%	Act%
164.00	100	100
162.00	101.60	82.86
160.00	46.20	41.71
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:10:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

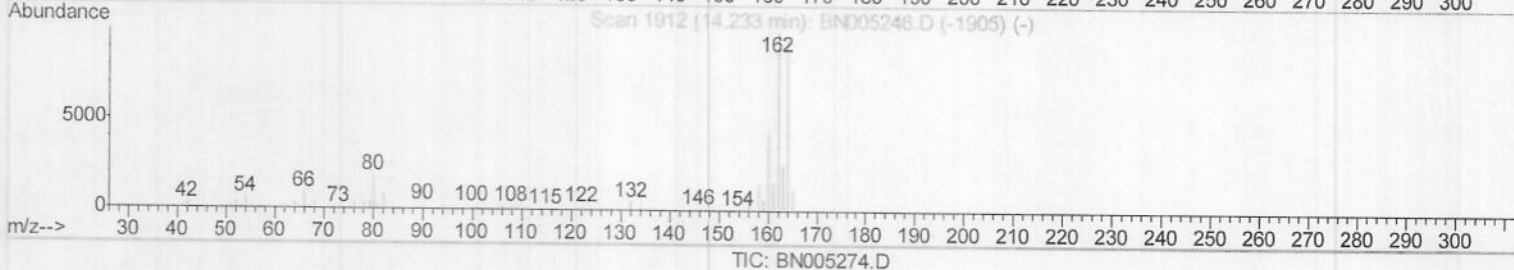
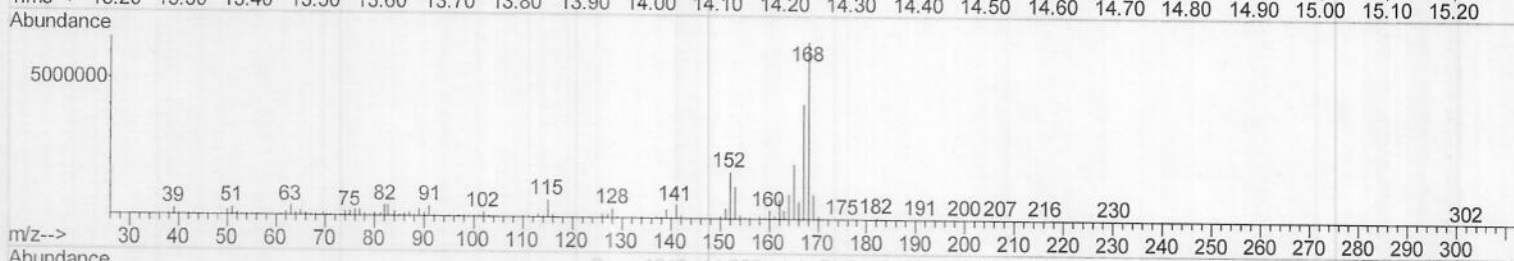
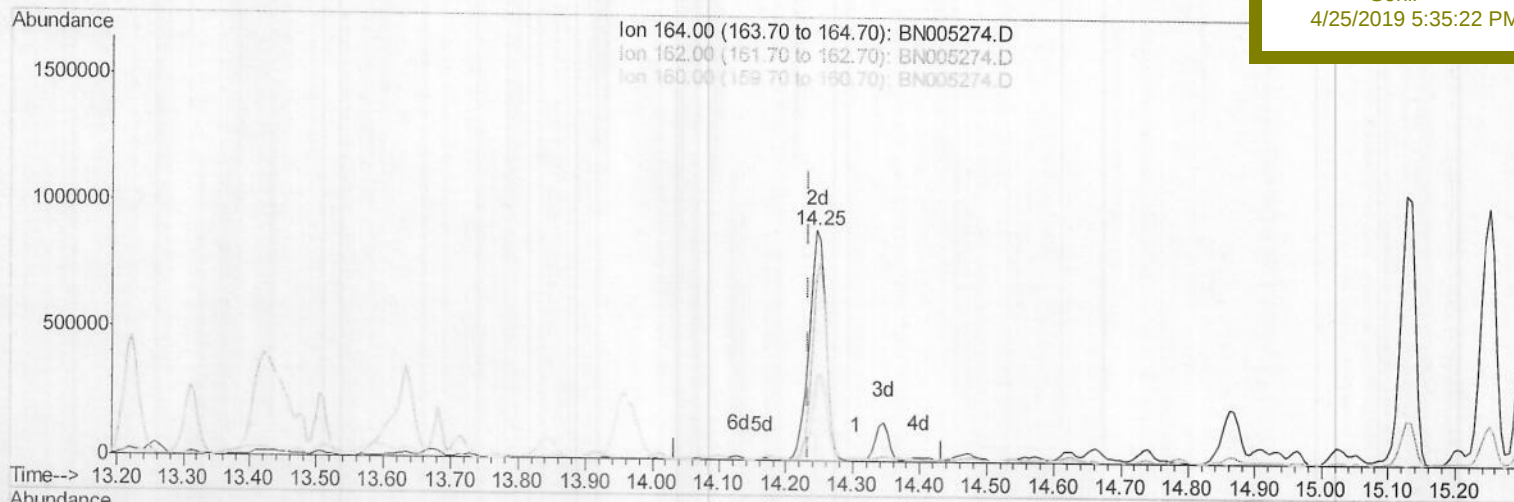
ClientSampleId :

GAHQ7

Manual Integrations
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4/25/2019 5:35:22 PM



TIC: BN005274.D

(35) Acenaphthene-d10 (I)

14.245min (+0.012) 20.00ng/ul m

response 1564864

Ion	Exp%	Act%
164.00	100	100
162.00	101.60	78.62#
160.00	46.20	34.57#
0.00	0.00	0.00

SJ
05/02/19

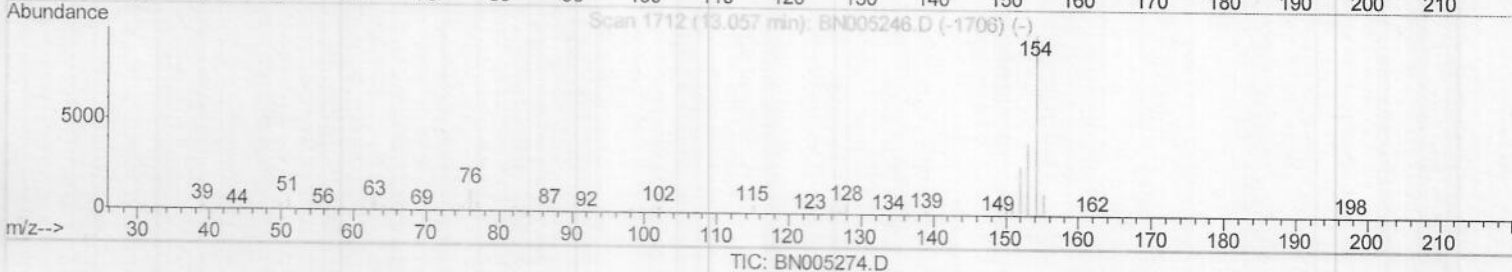
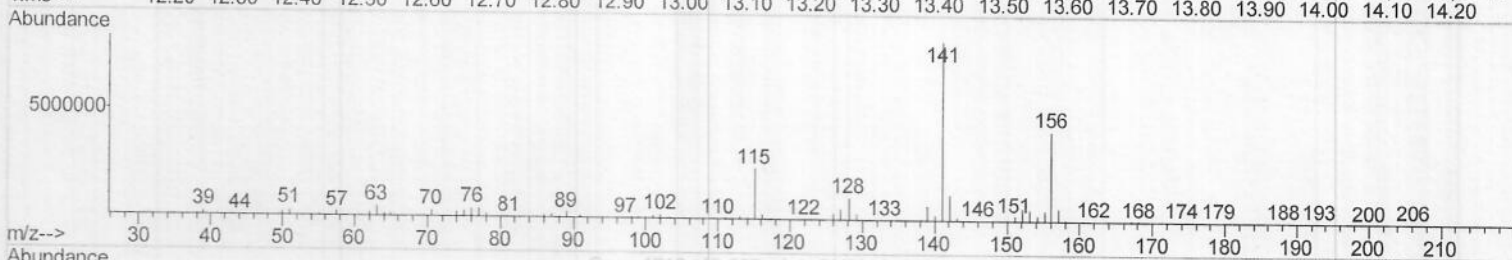
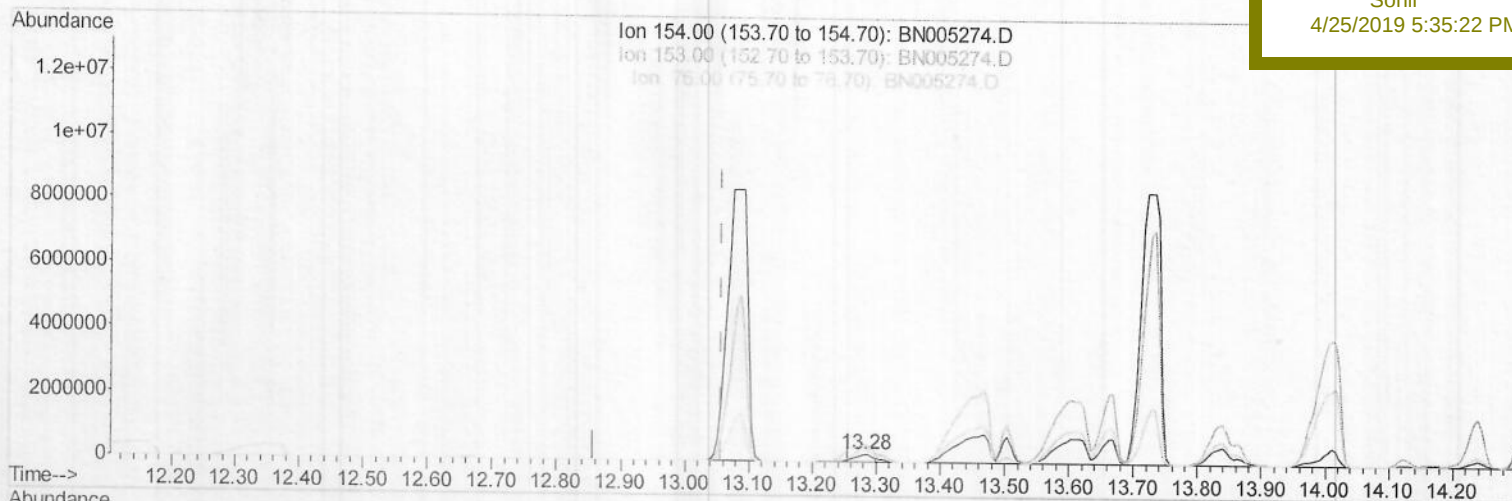
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
GAHQ7

Manual Integrations
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4/25/2019 5:35:22 PM



(40) 1,1'-Biphenyl

13.281min (+0.224) 4.34ng/ul

response 506403

Ion	Exp%	Act%
154.00	100	100
153.00	40.80	223.81#
76.00	13.00	184.84#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

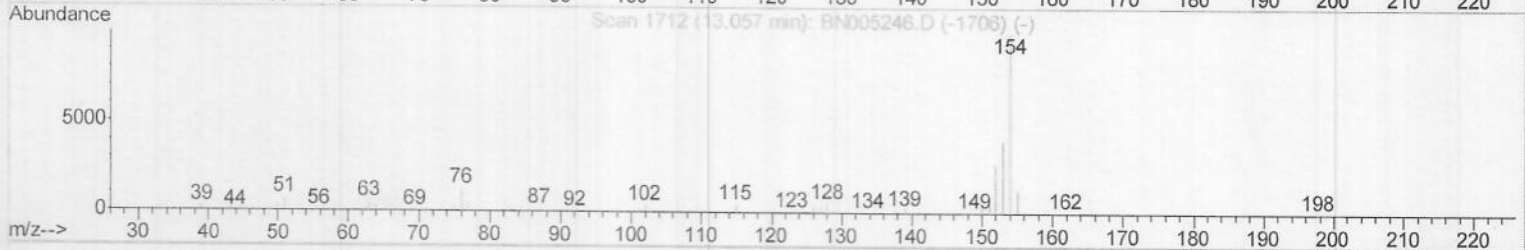
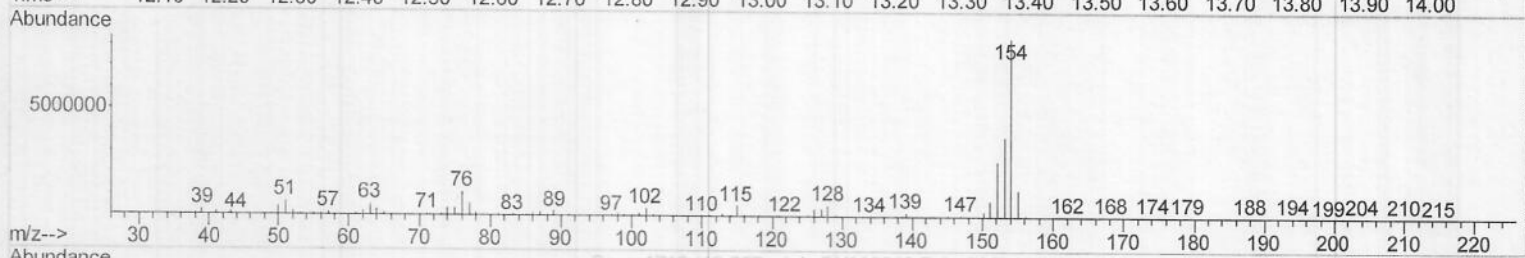
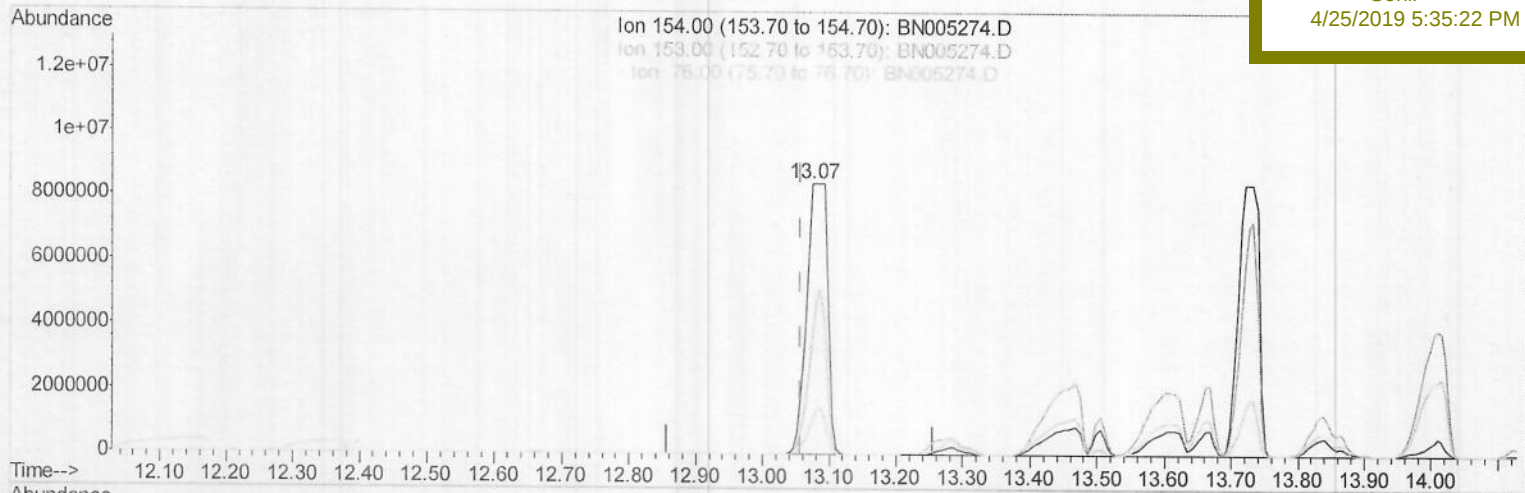
GAHQ7

Manual Integrations

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4/25/2019 5:35:22 PM



TIC: BN005274.D

(40) 1,1'-Biphenyl

13.075min (+0.018) 155.84ng/ul m

response 18170922

Ion	Exp%	Act%
154.00	100	100
153.00	40.80	44.43
76.00	13.00	13.37
0.00	0.00	0.00

05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

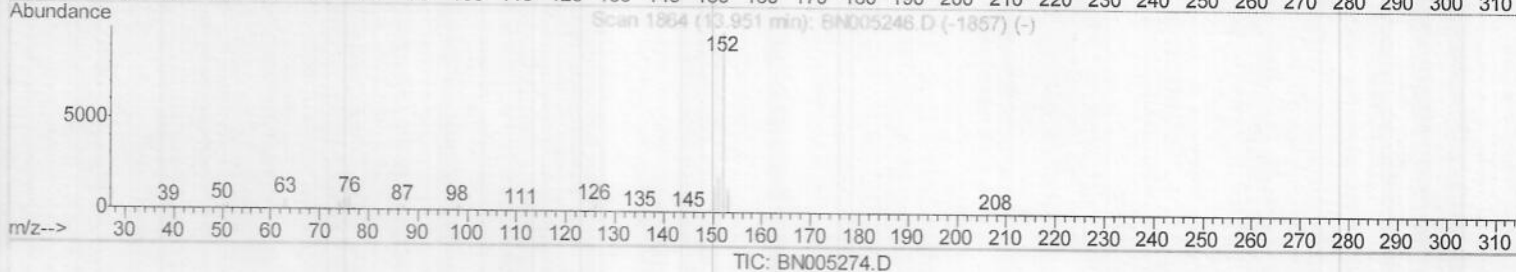
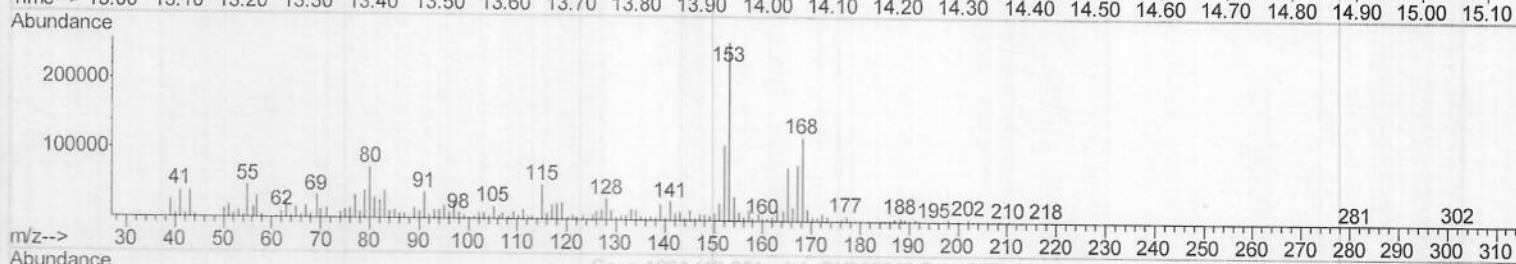
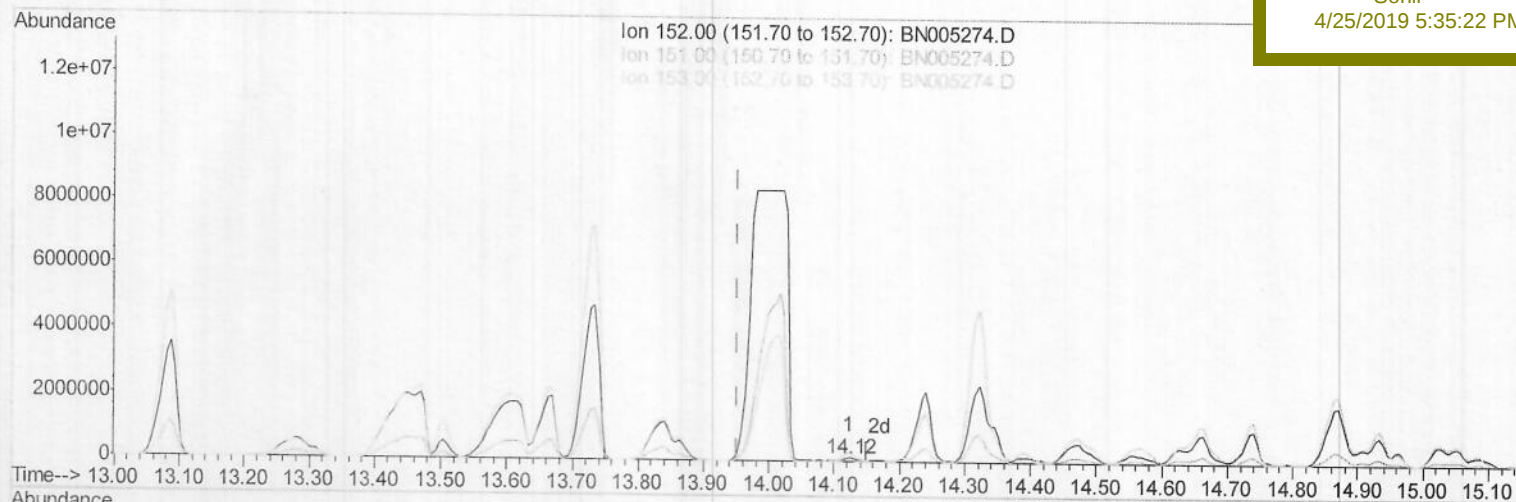
ClientSampleId :

GAHQ7

Manual Integrations
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4/25/2019 5:35:22 PM



(47) Acenaphthylene

14.122min (+0.171) 0.84ng/ul

response 114847

Ion	Exp%	Act%
152.00	100	100
151.00	19.80	22.88
153.00	12.30	236.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

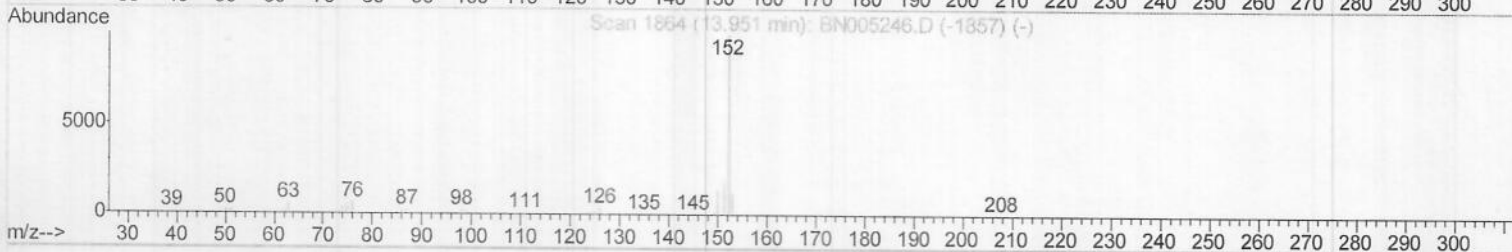
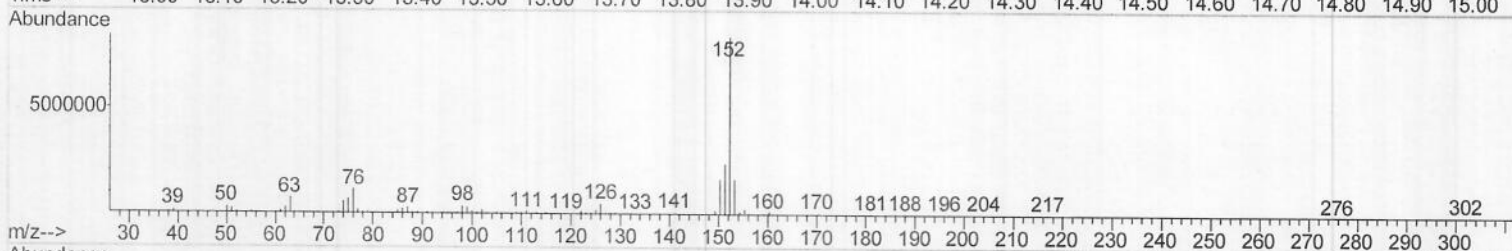
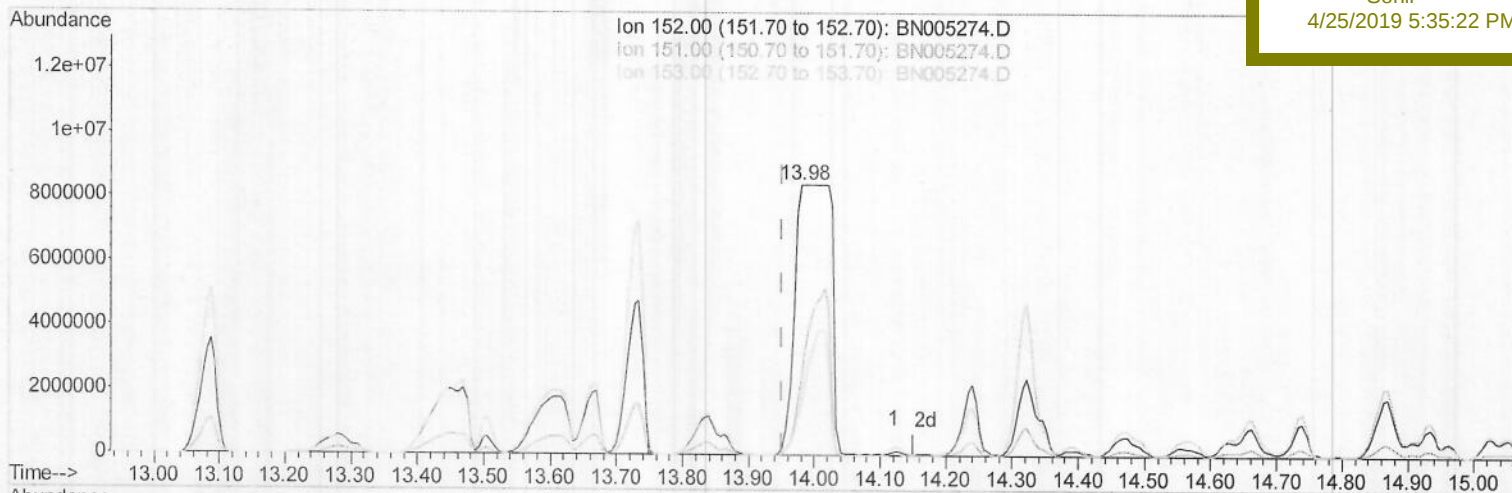
GAHQ7

Manual Integrations

APPROVED

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4/25/2019 5:35:22 PM



TIC: BN005274.D

(47) Acenaphthylene

13.981min (+0.030) 233.54ng/ul m

response 32021433

Ion Exp% Act%

152.00 100 100

151.00 19.80 28.77#

153.00 12.30 20.17#

0.00 0.00 0.00

SJ
05/02/19

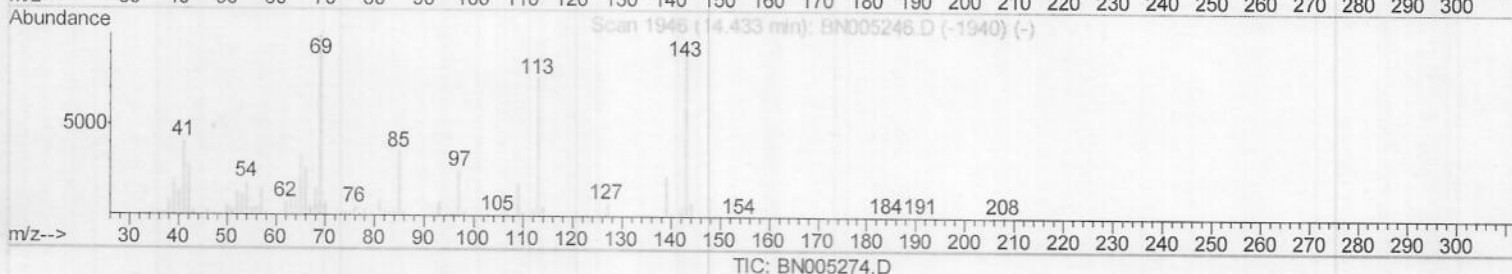
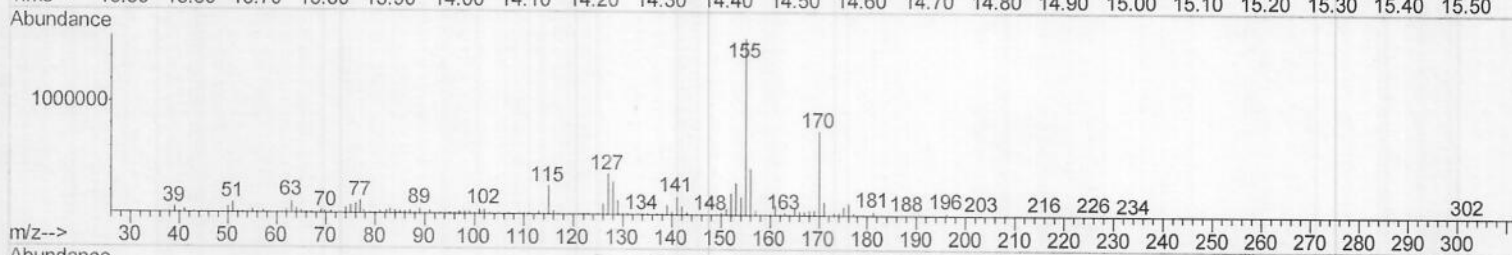
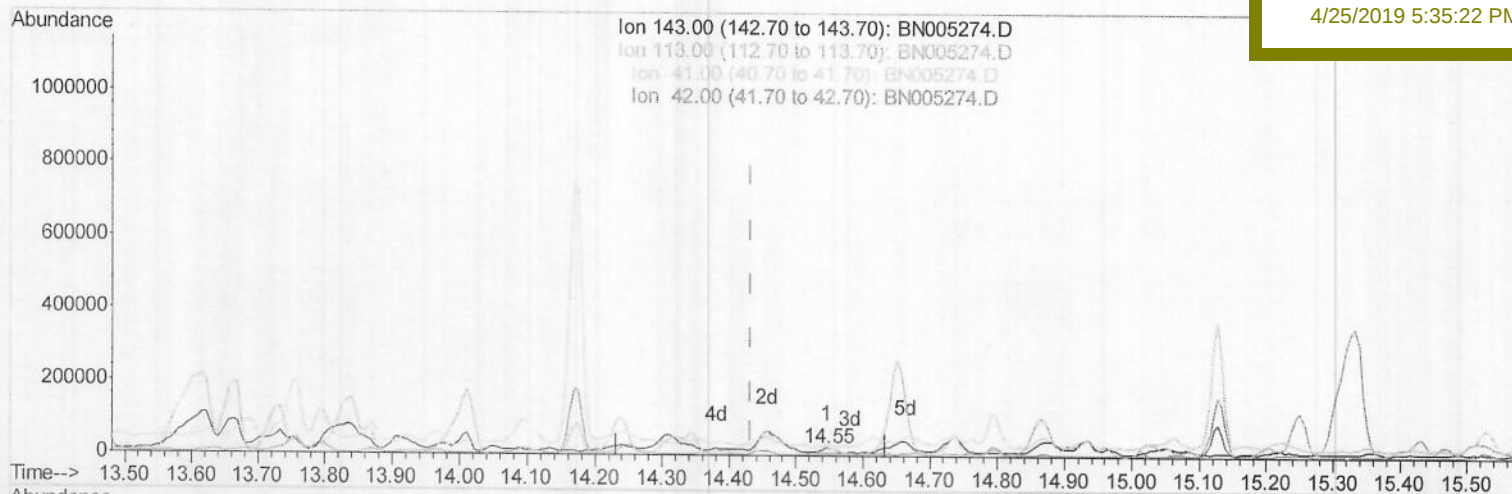
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ7

Manual Integrations
APPROVED

Sohil
4/25/2019 5:35:22 PM



(51) 4-Nitrophenol-d4 (S)

14.545min (+0.112) 1.28ng/ul

response 22950

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	92.32
41.00	47.90	140.96#
42.00	31.70	18.13#

Quantitation Report (Qedit)

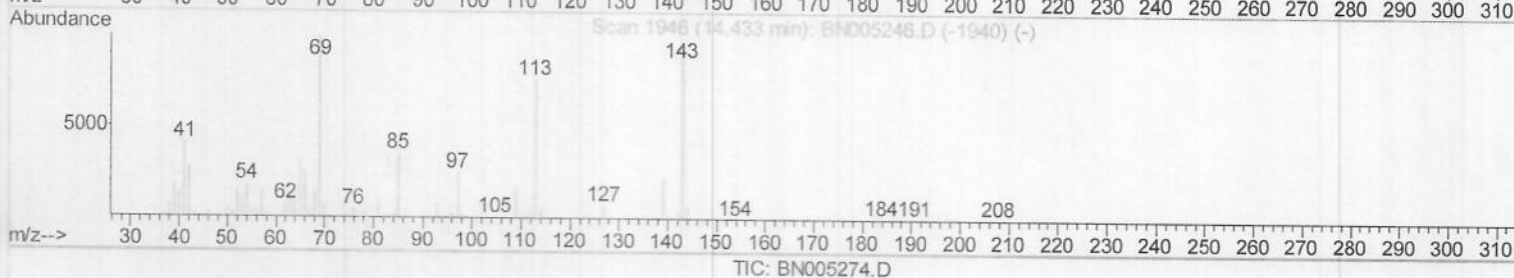
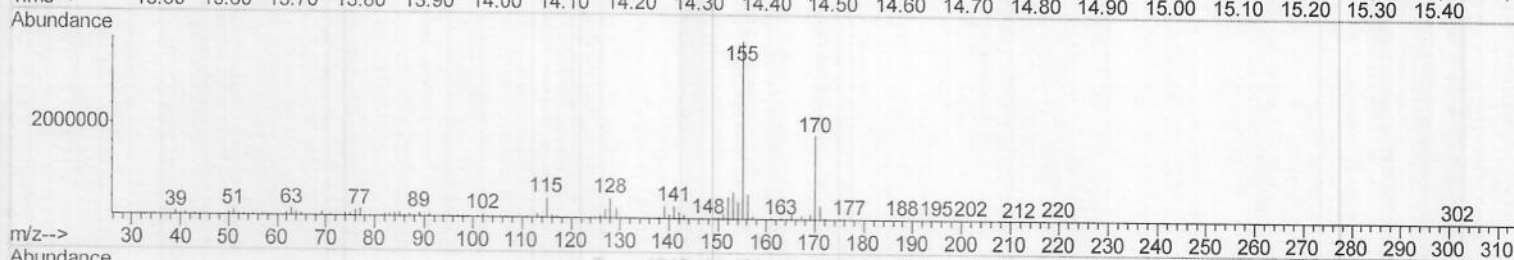
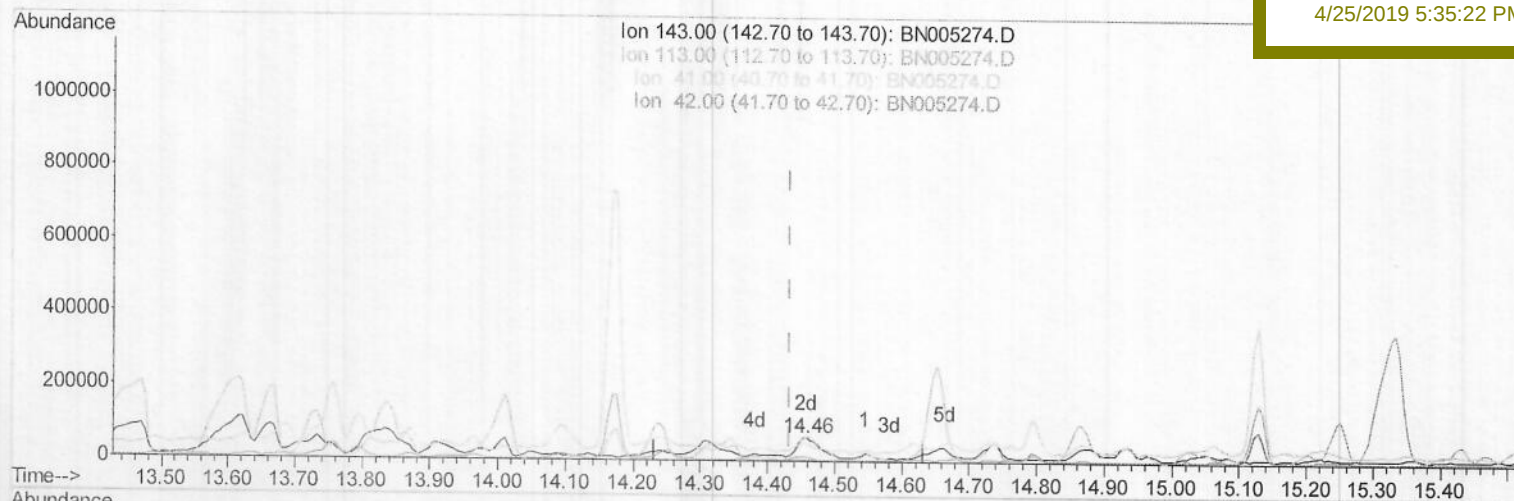
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 GAHQ7

Manual Integrations
APPROVED

Sohil
 4/25/2019 5:35:22 PM



(51) 4-Nitrophenol-d4 (S)

14.457min (+0.024) 8.48ng/ul m

response 152079

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	102.13#
41.00	47.90	73.86#
42.00	31.70	20.07#

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

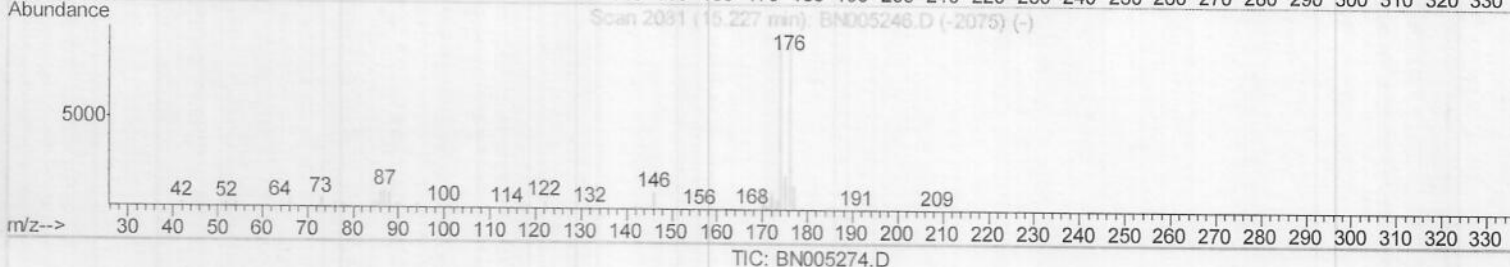
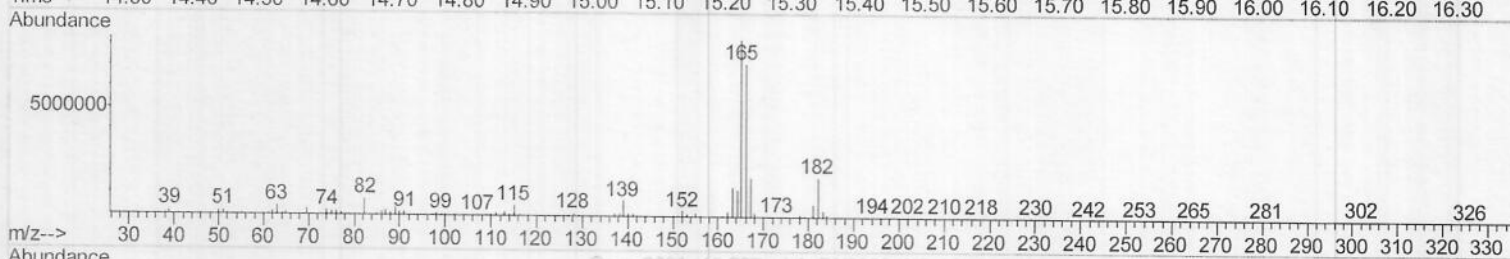
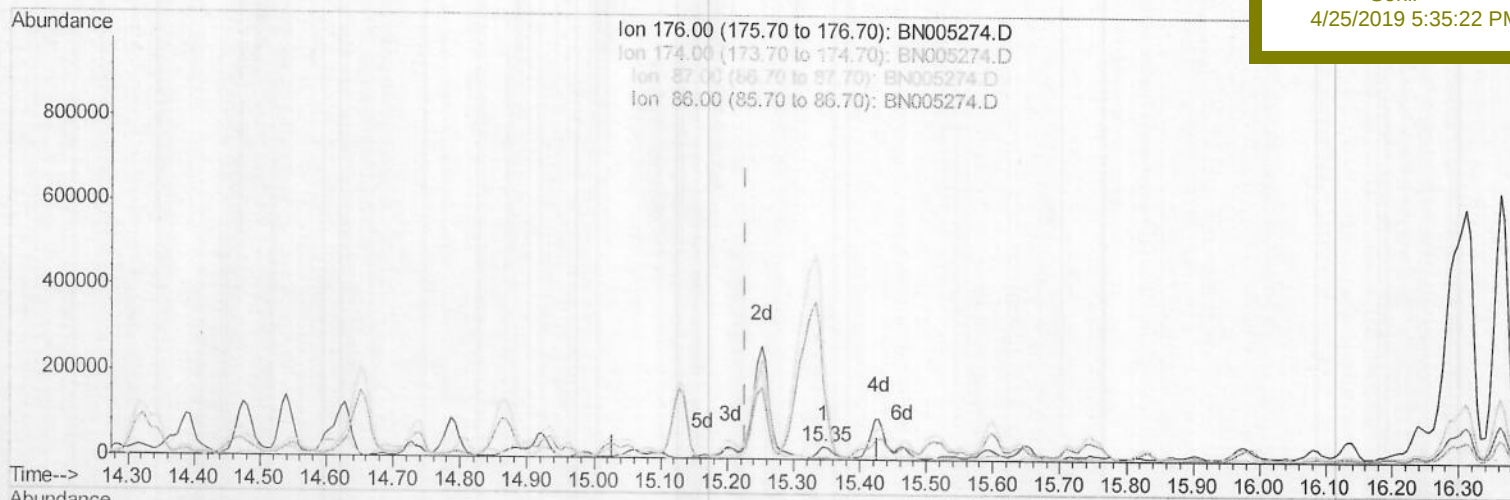
GAHQ7

Manual Integrations

APPROVED

Sohil

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(57) Fluorene-d10 (S)

15.345min (+0.118) 0.40ng/ul

response 38549

Ion	Exp%	Act%
176.00	100	100
174.00	95.60	19.41#
87.00	10.00	835.52#
86.00	9.60	621.30#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

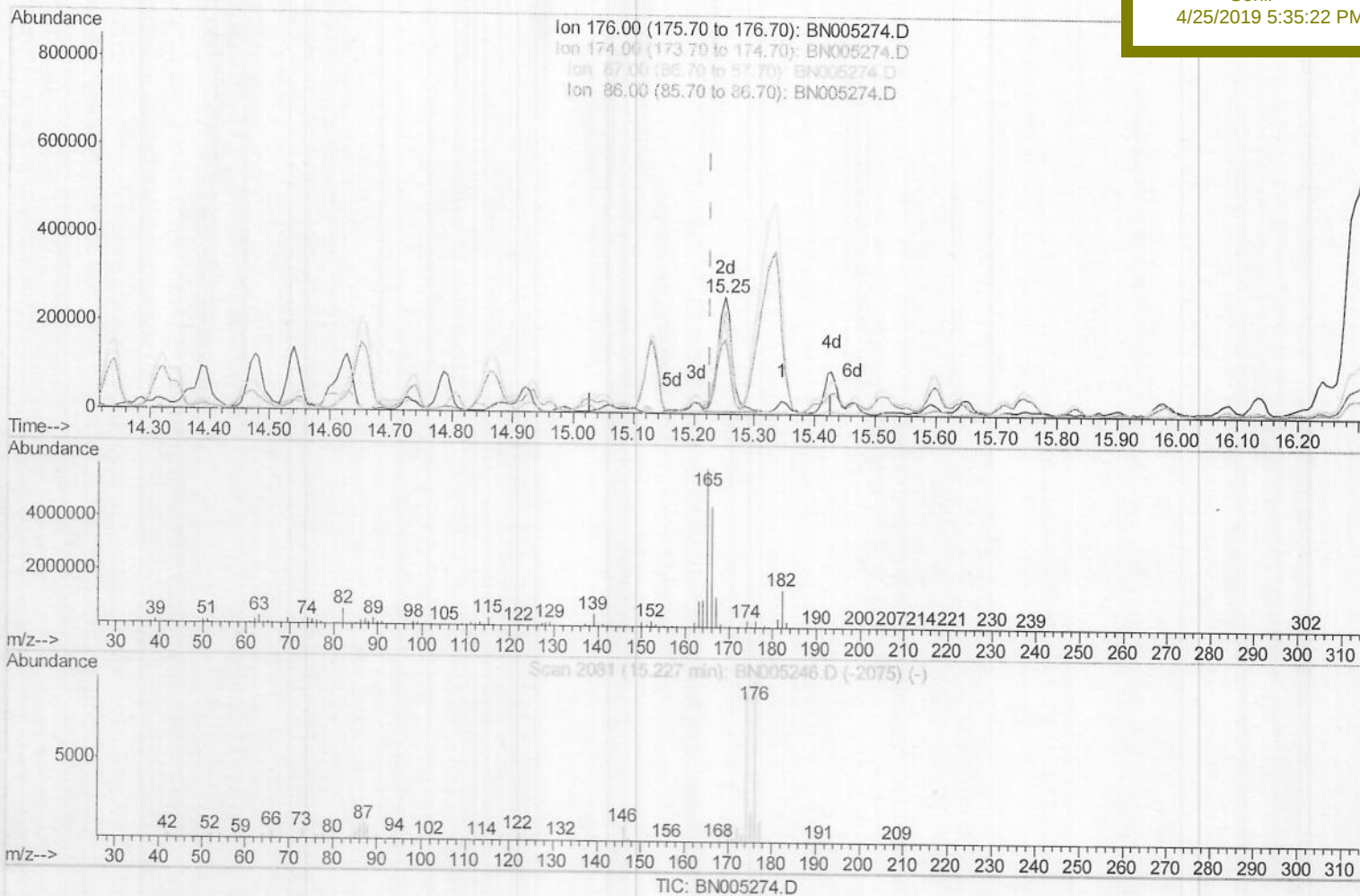
ClientSampleId :

GAHQ7

Manual Integrations
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(57) Fluorene-d10 (S)

15.251min (+0.024) 4.44ng/ul m

response 423404

Ion	Exp%	Act%
176.00	100	100
174.00	95.60	88.19
87.00	10.00	78.60#
86.00	9.60	63.93#

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Quantitation Report (Qedit)

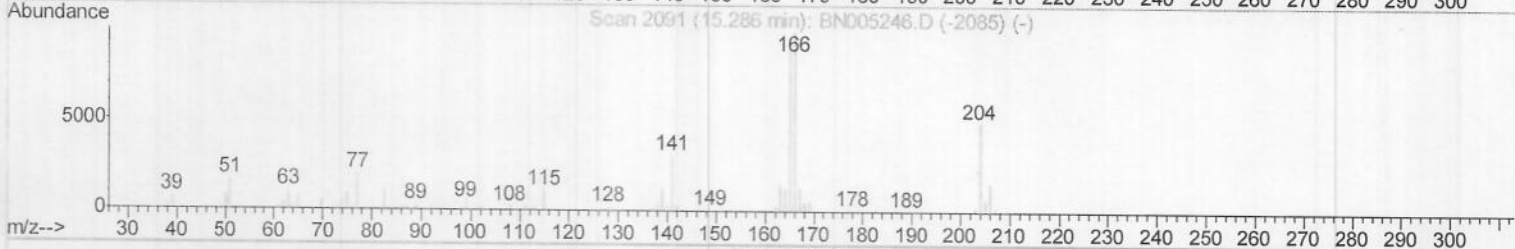
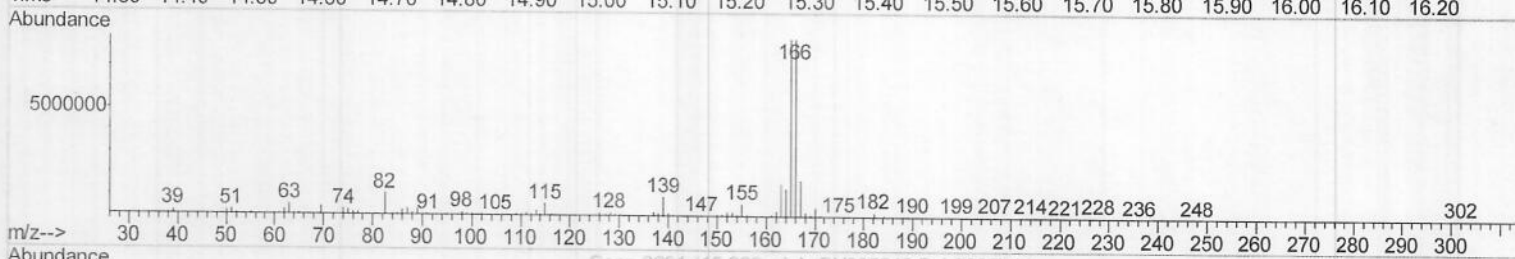
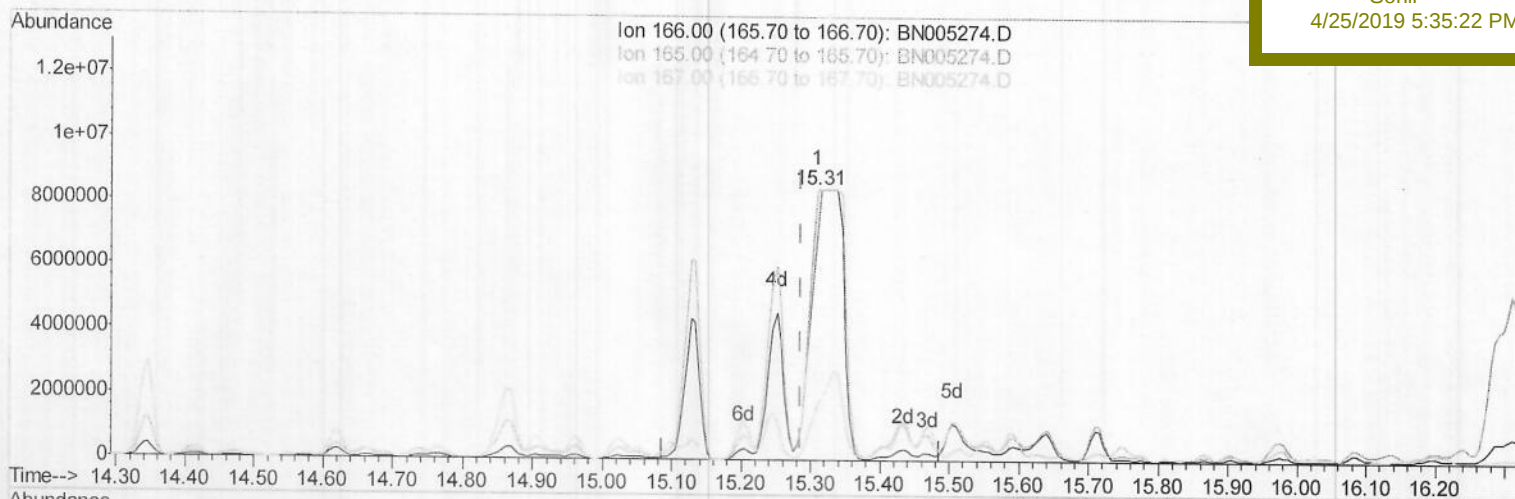
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Manual Integrations
 APPROVED

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TIC: BN005274.D

(58) Fluorene

15.310min (+0.024) 29.09ng/ul

response 3059657

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	100.00
167.00	13.40	20.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

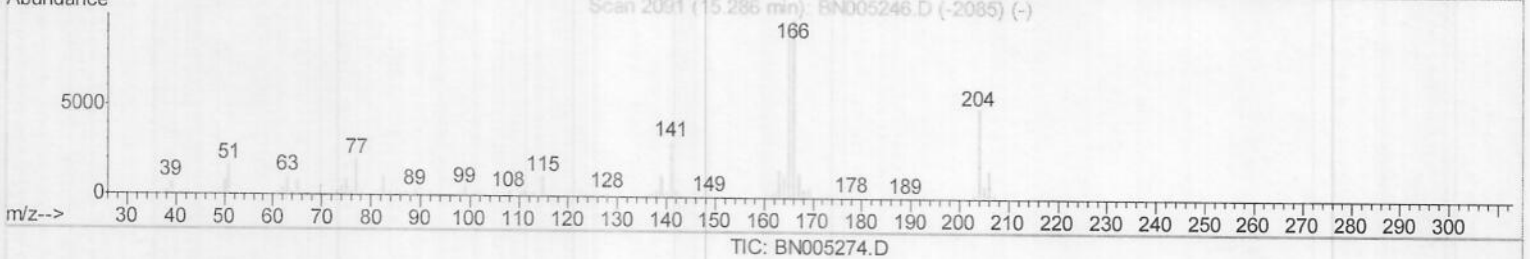
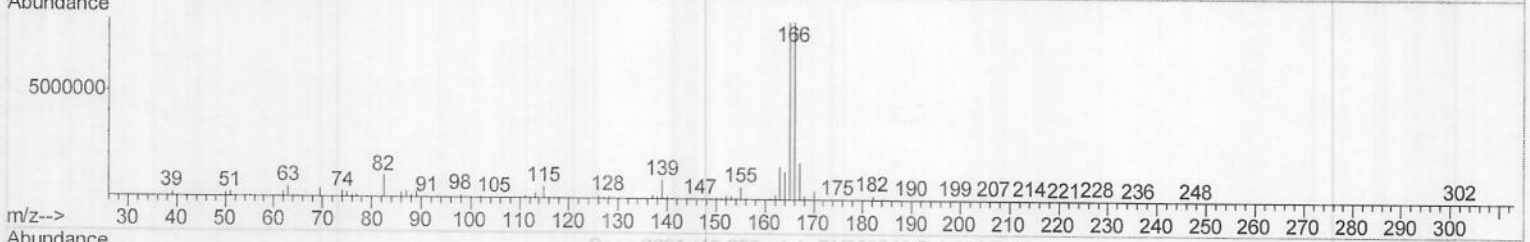
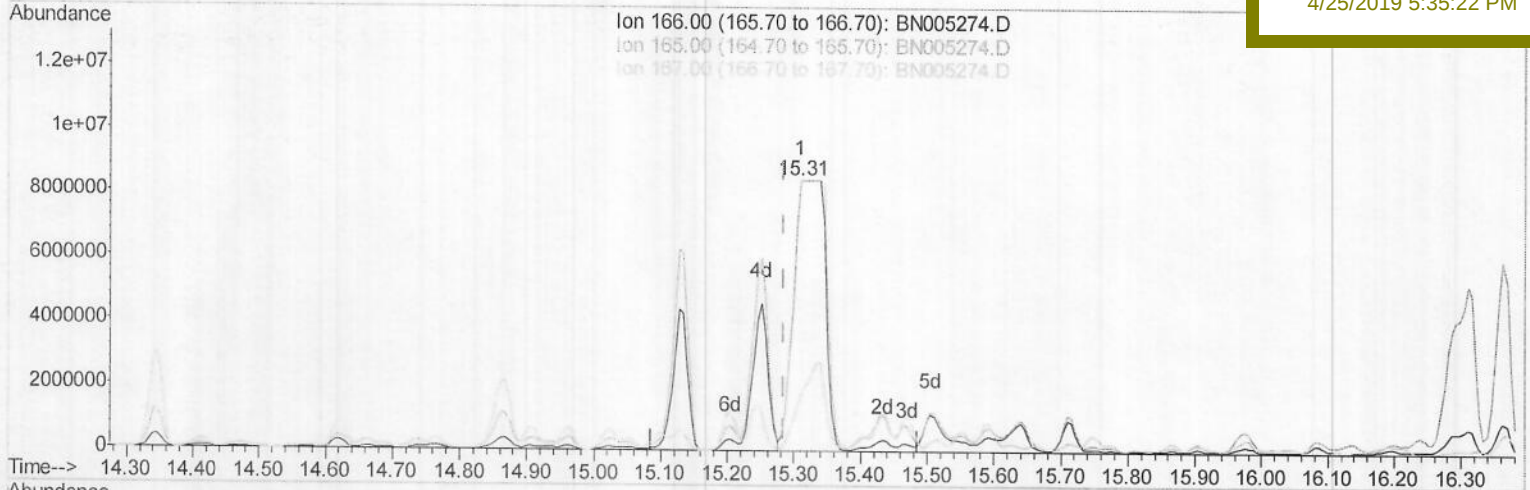
GAHQ7

Manual Integrations

APPROVED

Sohil

4/25/2019 5:35:22 PM



(58) Fluorene

15.310min (+0.024) 261.22ng/ul m

response 27470668

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	100.00
167.00	13.40	20.40#
0.00	0.00	0.00

SJ
05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

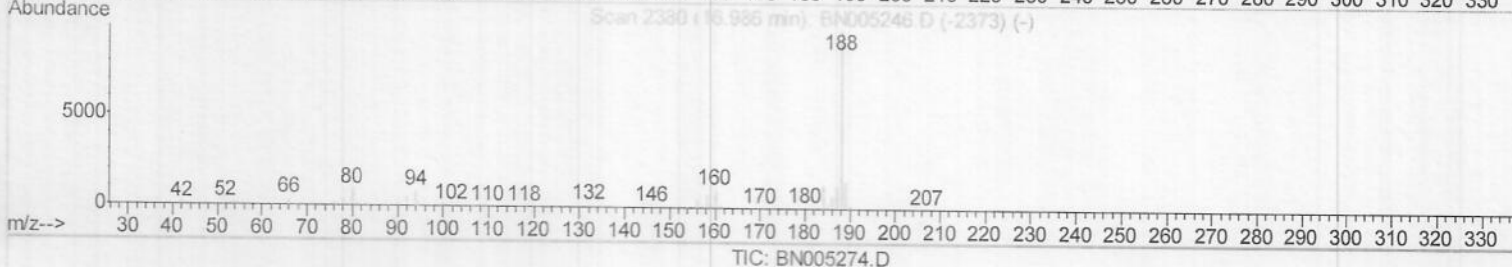
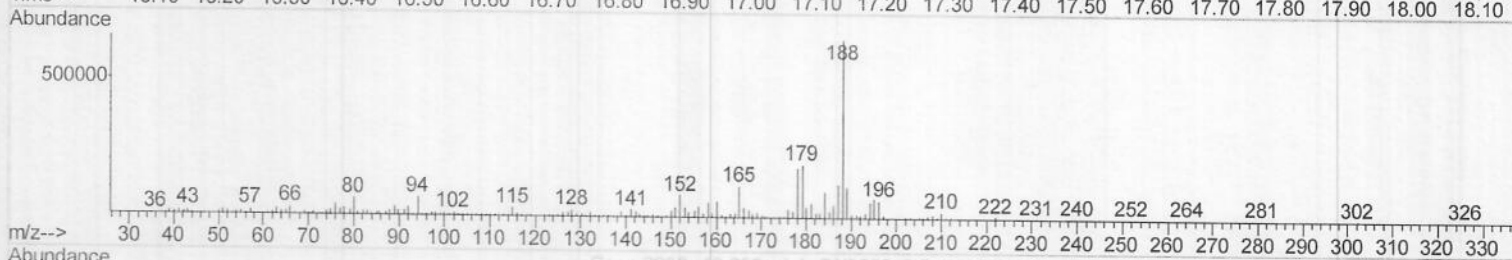
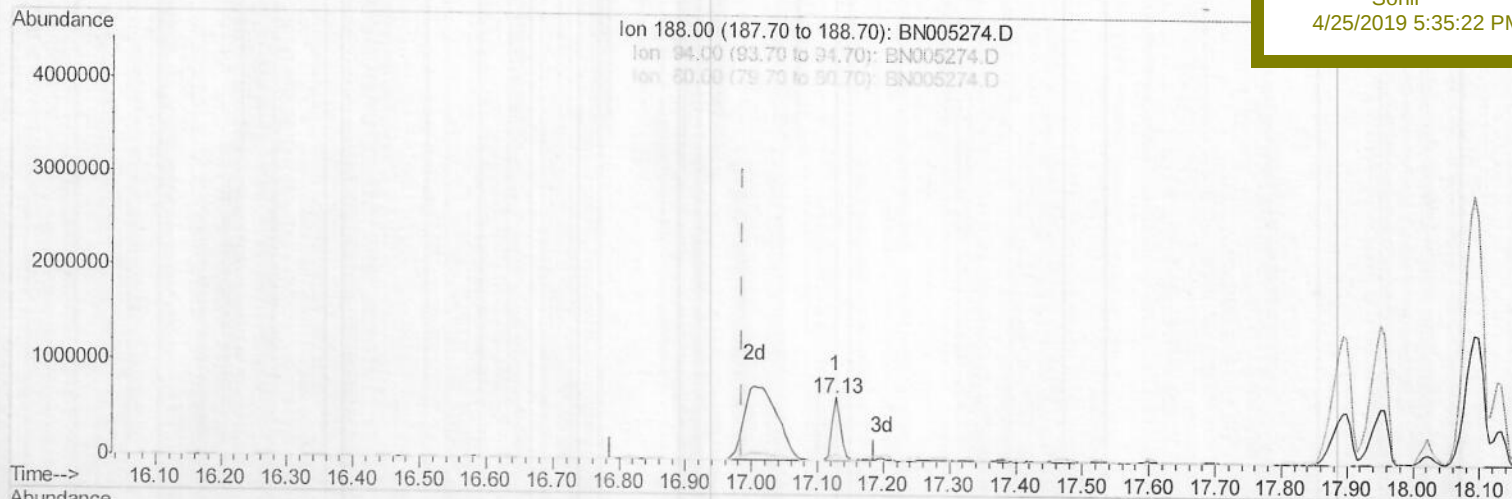
GAHQ7

Manual Integrations

APPROVED

Sohil

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(61) Phenanthrene-d10 (I)

17.128min (+0.142) 20.00ng/ul

response 609021

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	10.28
80.00	10.30	9.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:12:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

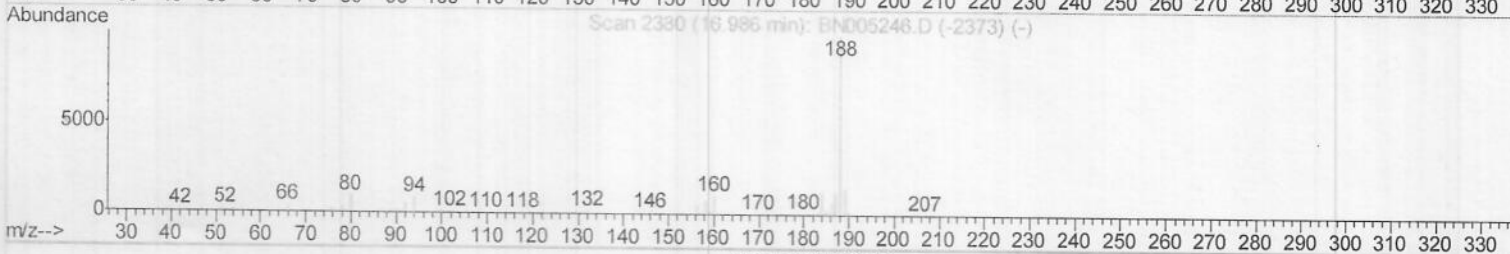
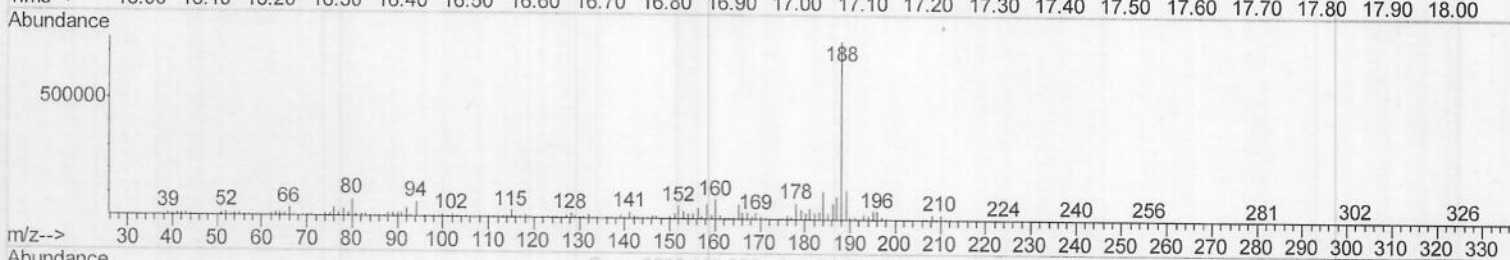
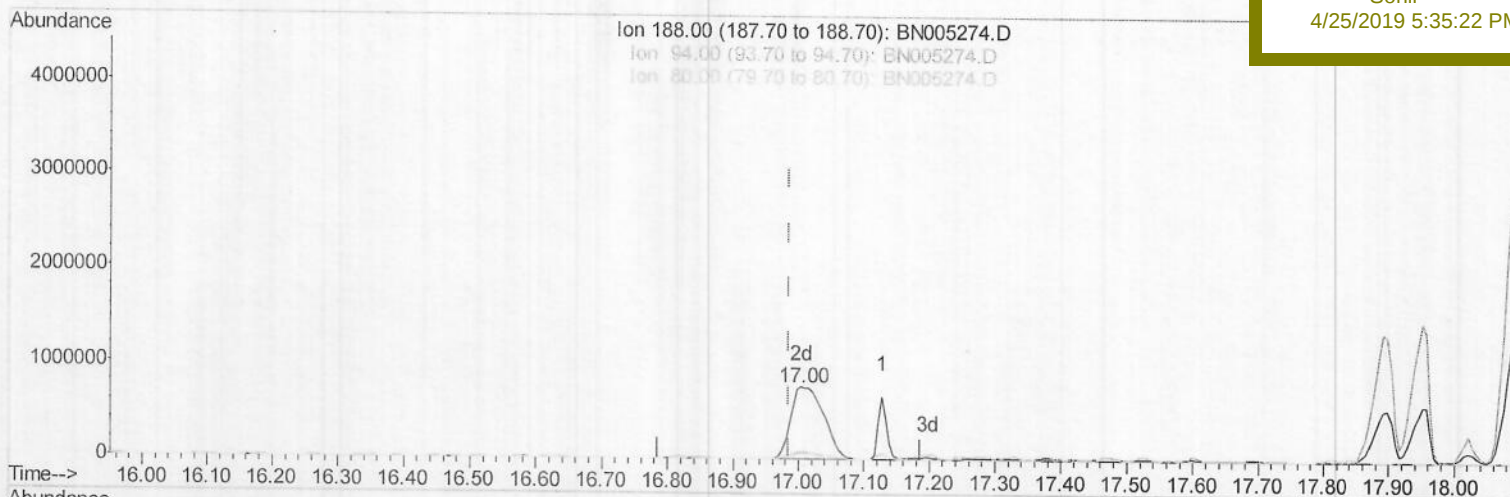
GAHQ7

Manual Integrations

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TIC: BN005274.D

(61) Phenanthrene-d10 (l)

17.004min (+0.018) 20.00ng/ul m

response 2672868

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	8.48
80.00	10.30	9.72
0.00	0.00	0.00

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05/02/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:16:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

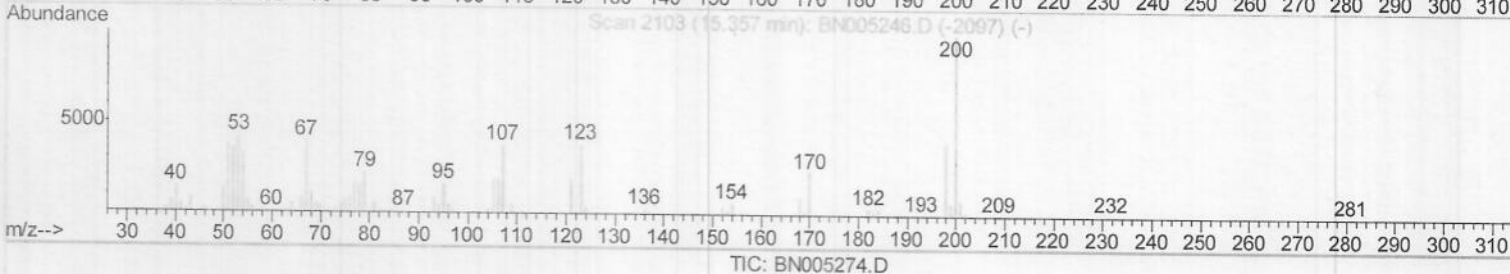
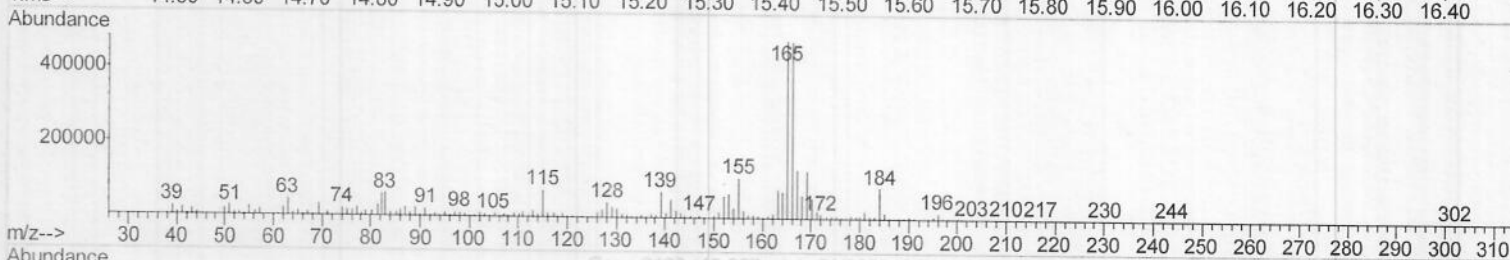
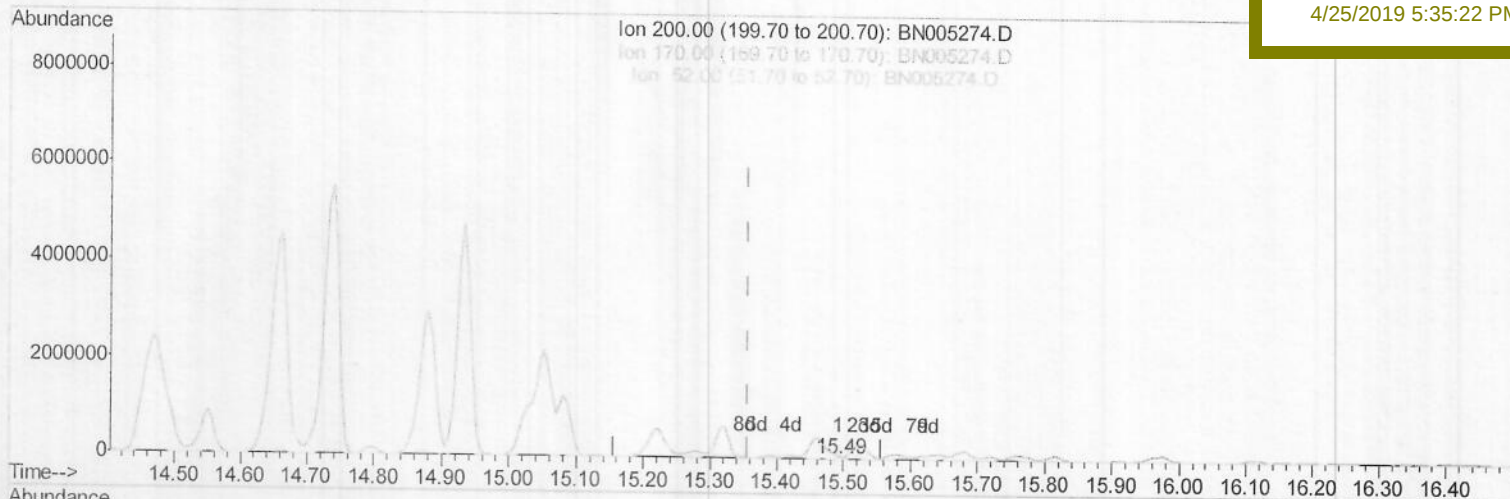
GAHQ7

Manual Integrations

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Sohil

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.492min (+0.136) 0.24ng/ul

response 2830

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	1425.92#
52.00	49.60	169.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

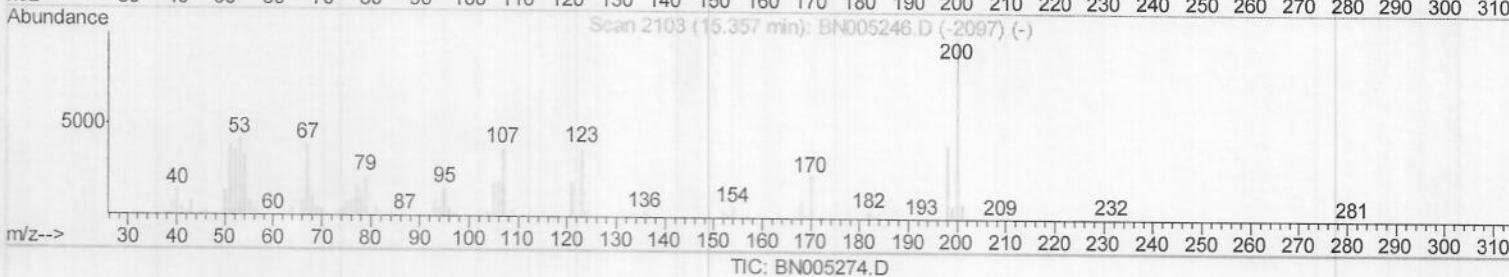
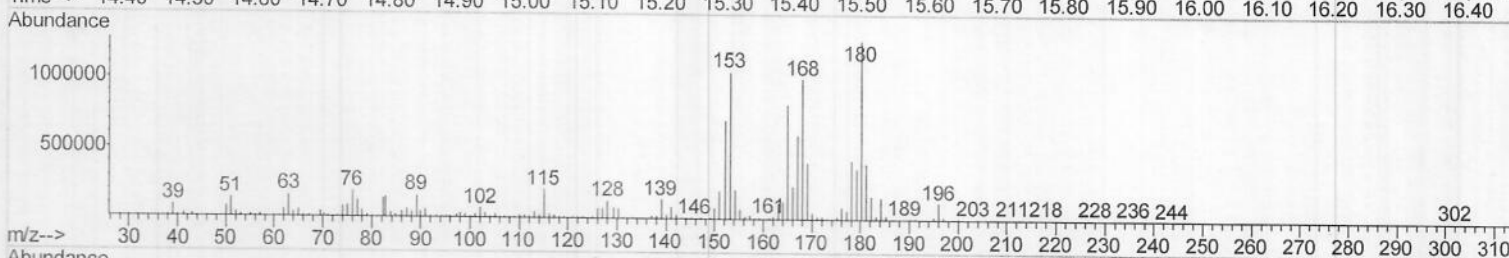
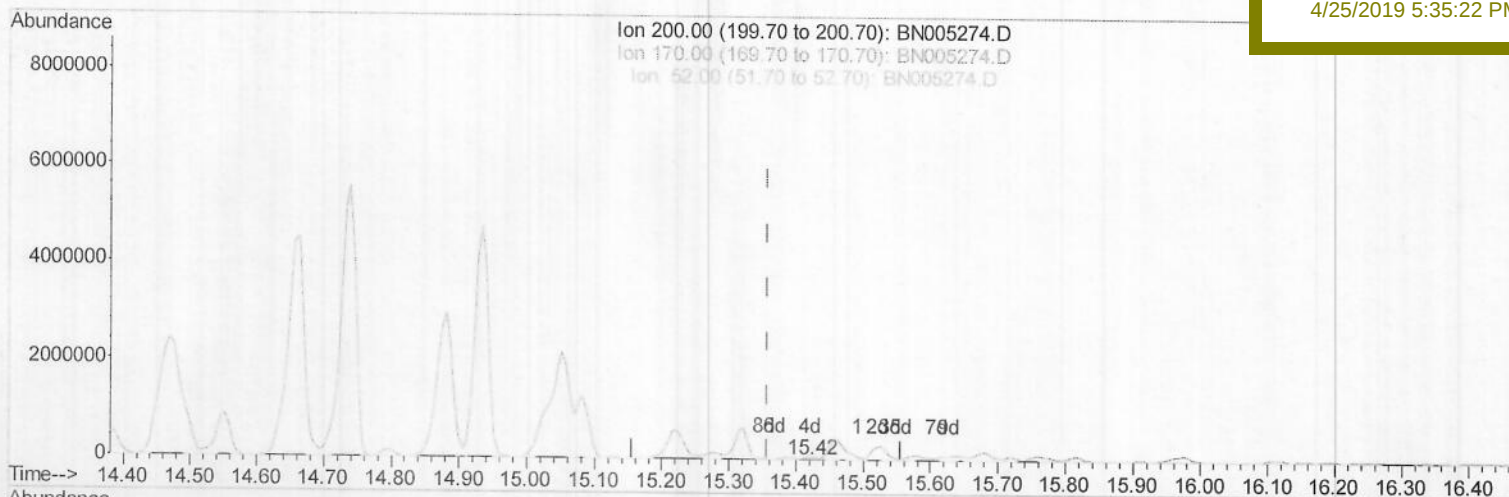
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ7

Manual Integrations
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4/25/2019 5:35:22 PM



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.422min (+0.065) 1.58ng/ul m

response 19054

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	729.55#
52.00	49.60	513.50#
0.00	0.00	0.00

SJ
05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :

BNA_N

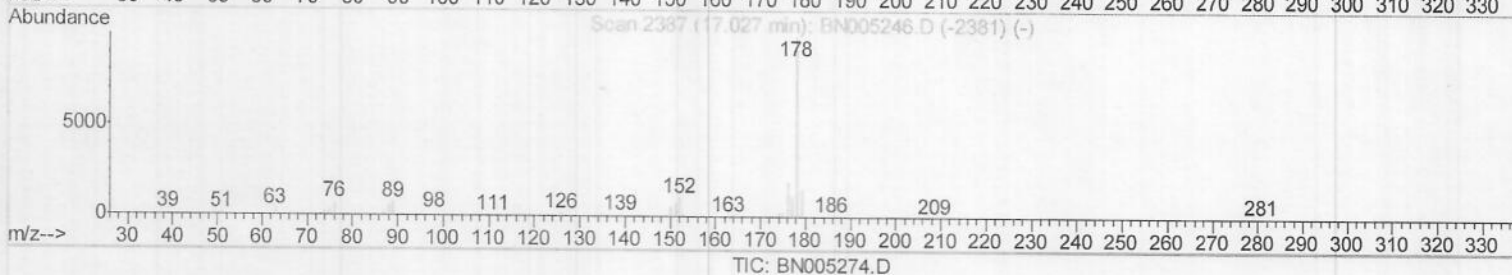
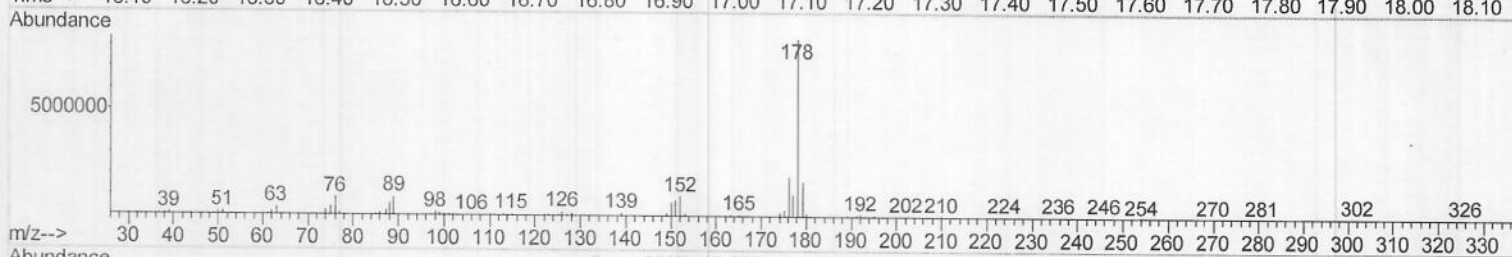
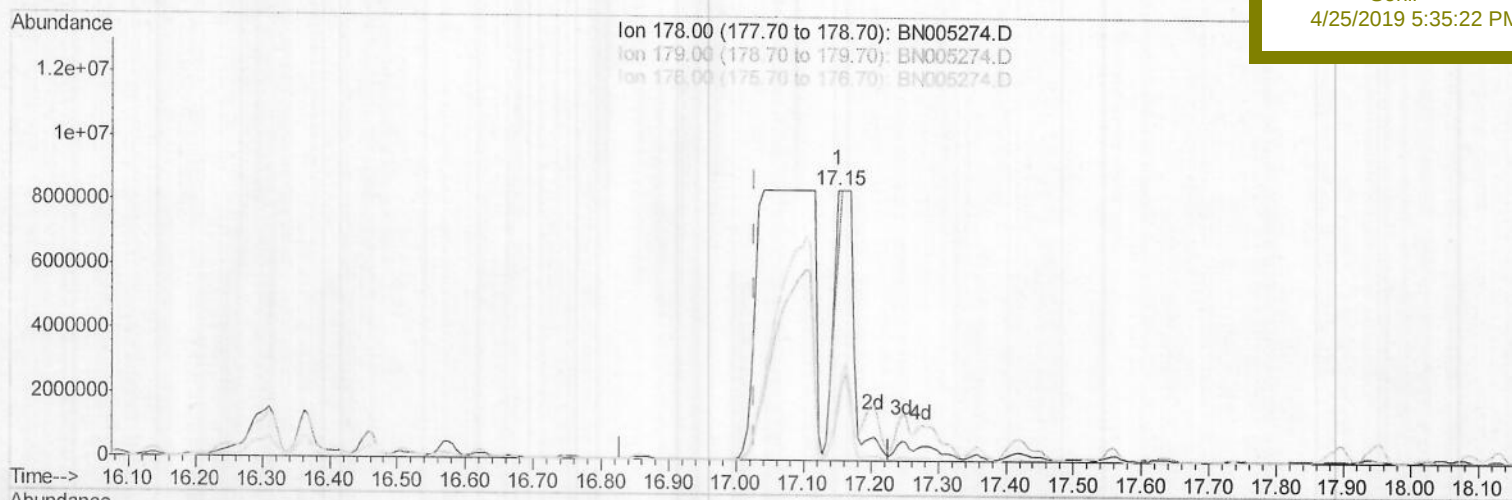
ClientSampleId :

GAHQ7

Manual Integrations
APPROVED

Sohil

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(69) Phenanthrene

17.151min (+0.124) 22.74ng/ul

response 2959962

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	19.76#
176.00	18.90	22.65
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:16:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

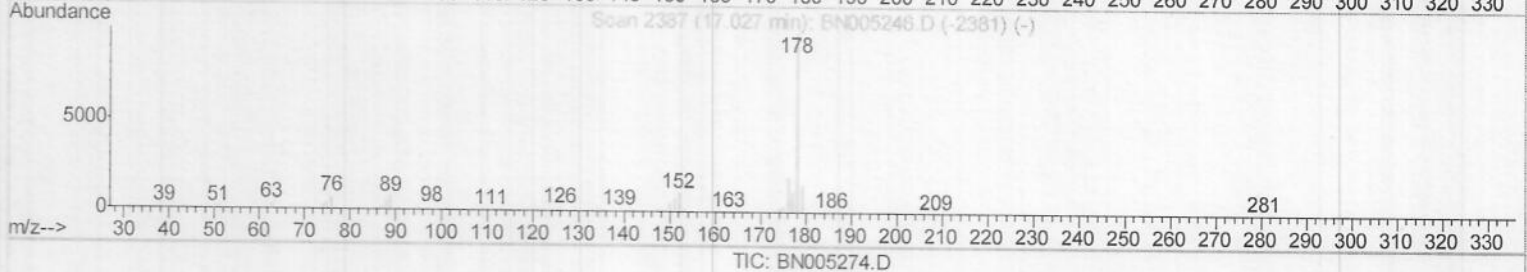
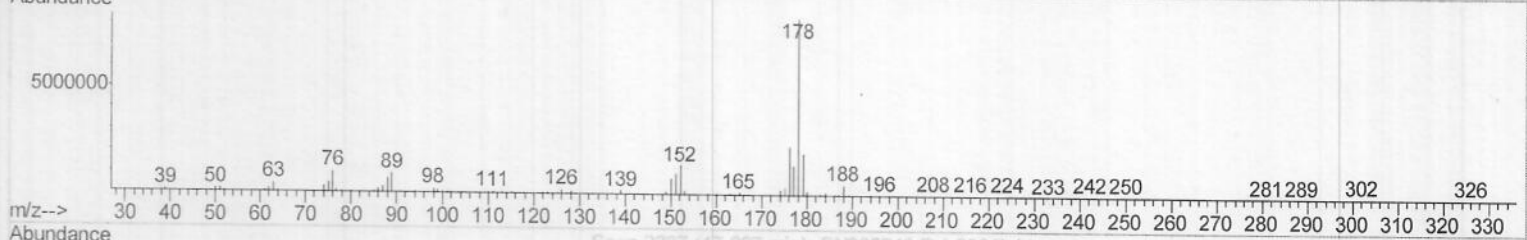
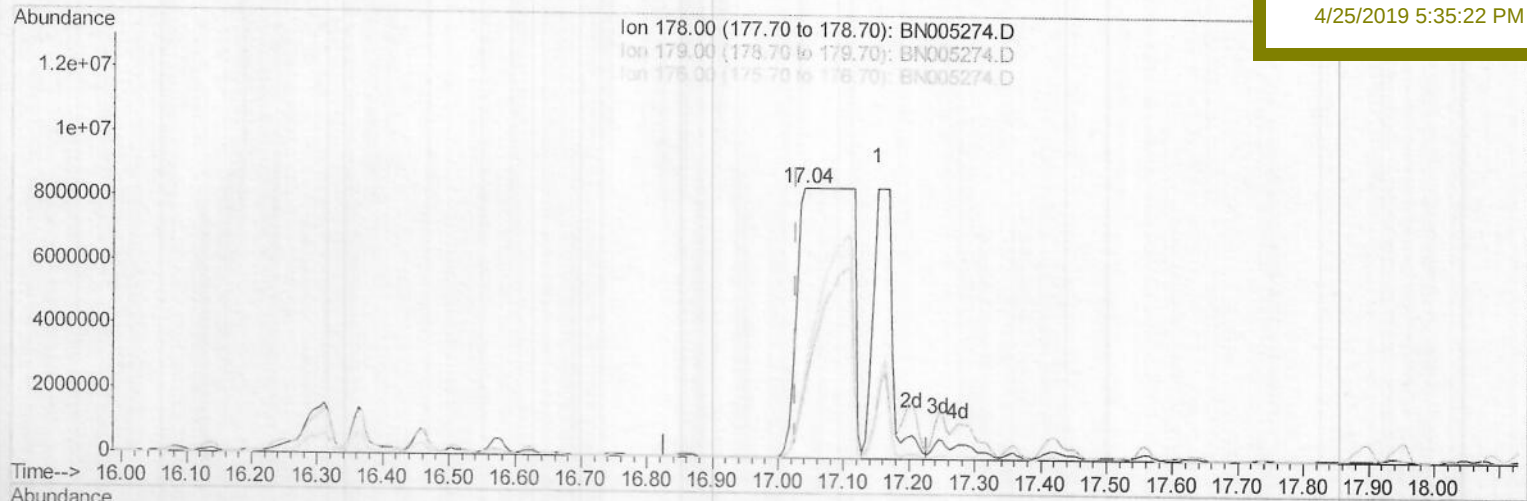
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

GAHQ7

Manual Integrations
APPROVEDSohil
4/25/2019 5:35:22 PM

(69) Phenanthrene

17.039min (+0.012) 366.48ng/ul m

response 47705615

Ion Exp% Act%

178.00 100 100

179.00 15.30 23.57#

176.00 18.90 27.44#

0.00 0.00 0.00

SD
05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

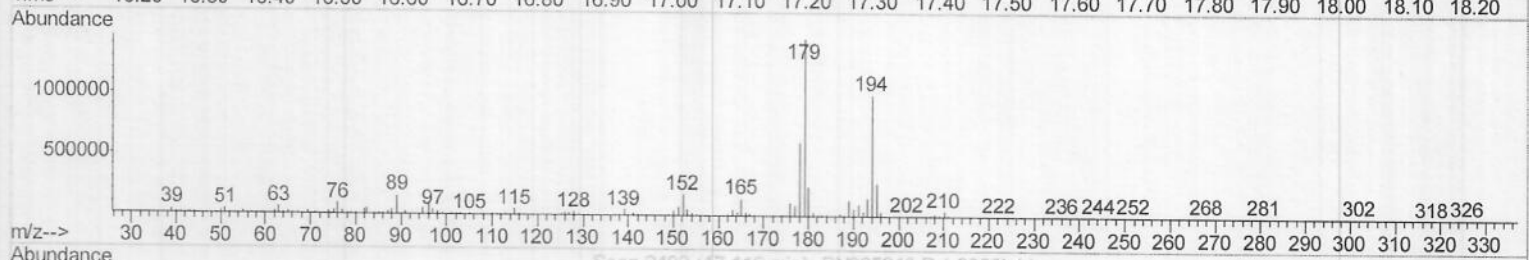
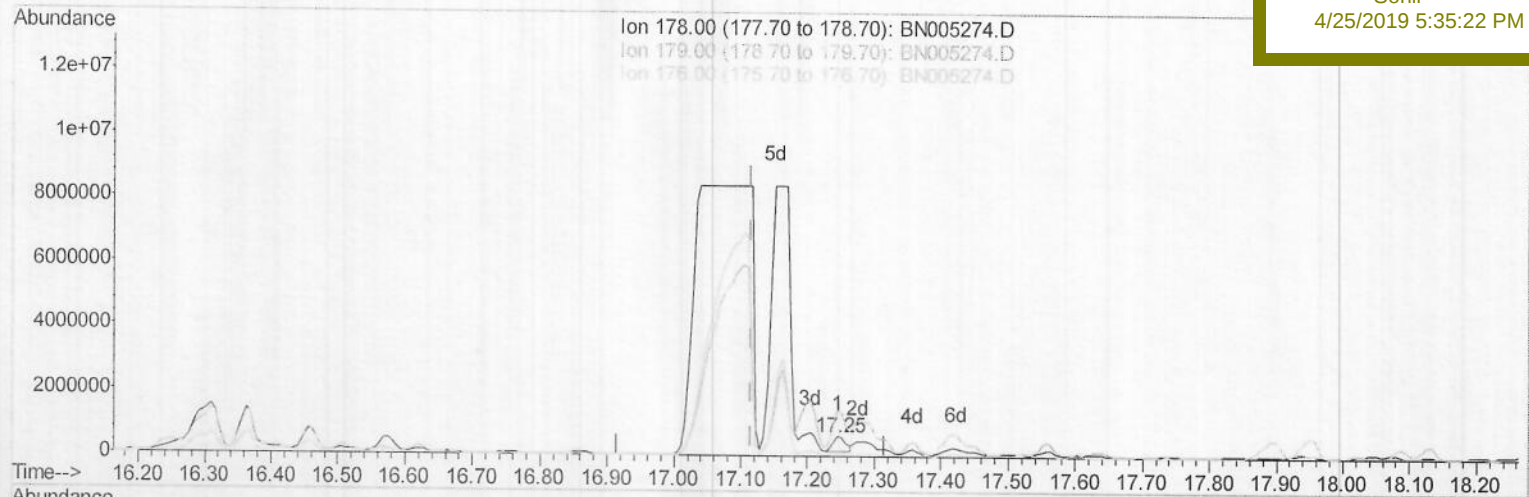
GAHQ7

Manual Integrations

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Sohil

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TIC: BN005274.D

(71) Anthracene

17.245min (+0.130) 4.37ng/ul

response 579101

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	240.23#
176.00	18.90	19.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

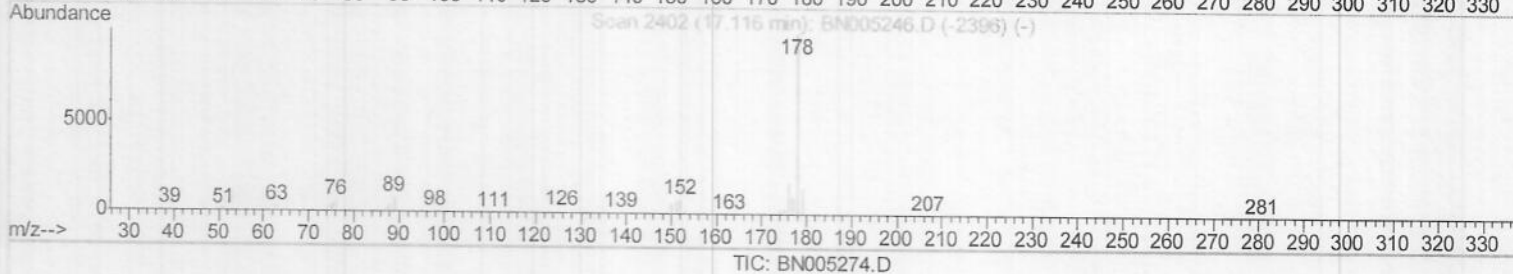
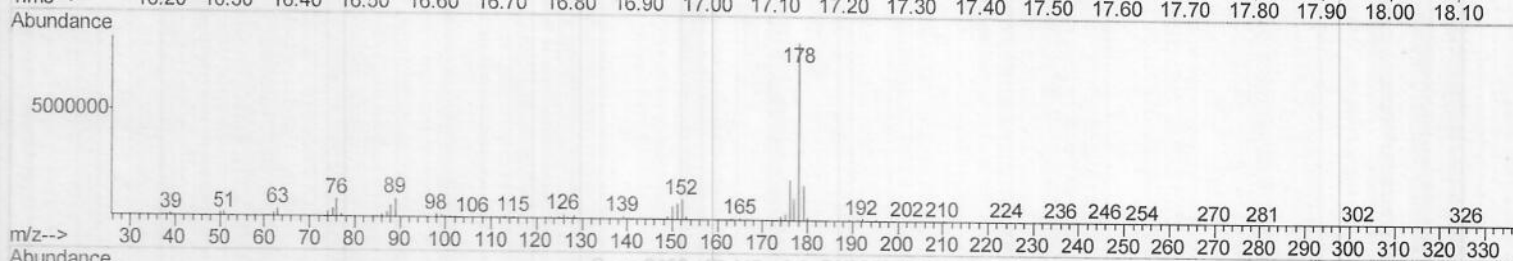
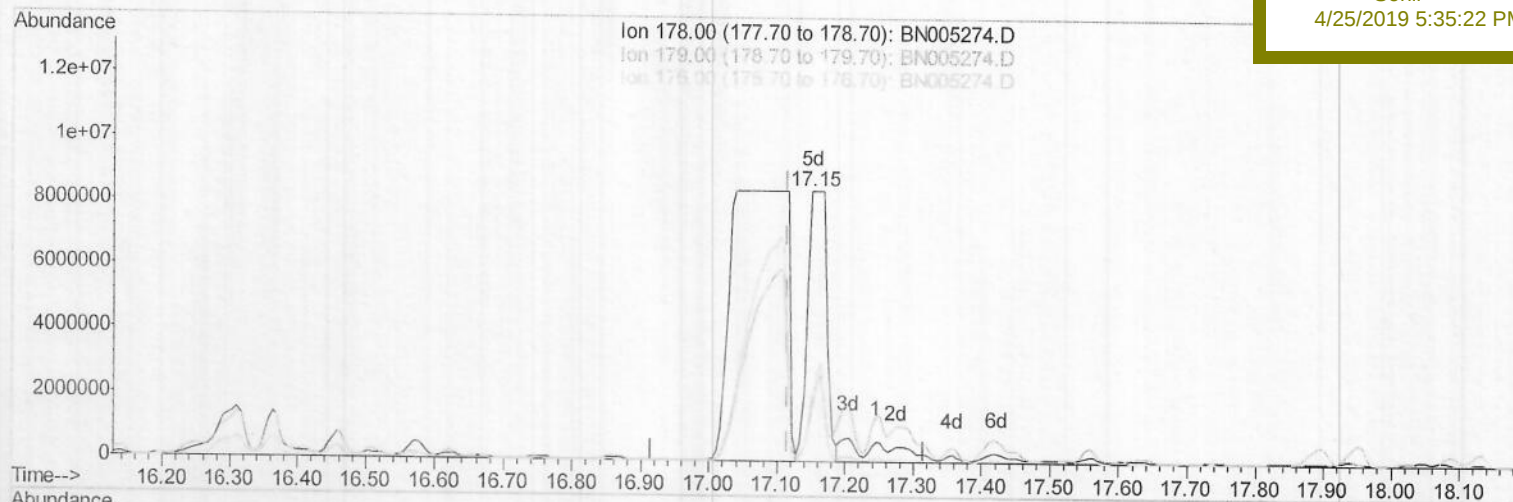
ClientSampleId :

GAHQ7

Manual Integrations
APPROVED

Sohil

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TIC: BN005274.D

(71) Anthracene

17.151min (+0.036) 123.17ng/ul m

response 16332754

Ion Exp% Act%

178.00 100 100

179.00 15.40 19.76#

176.00 18.90 22.65

0.00 0.00 0.00

SJ
05/02/19

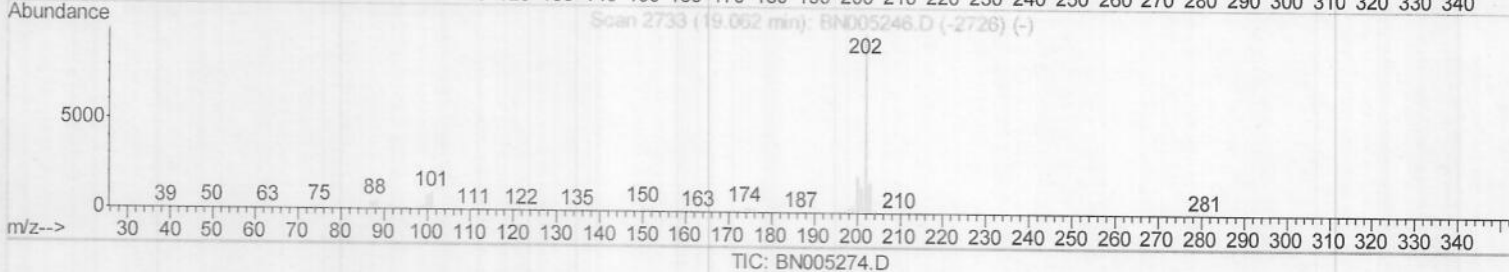
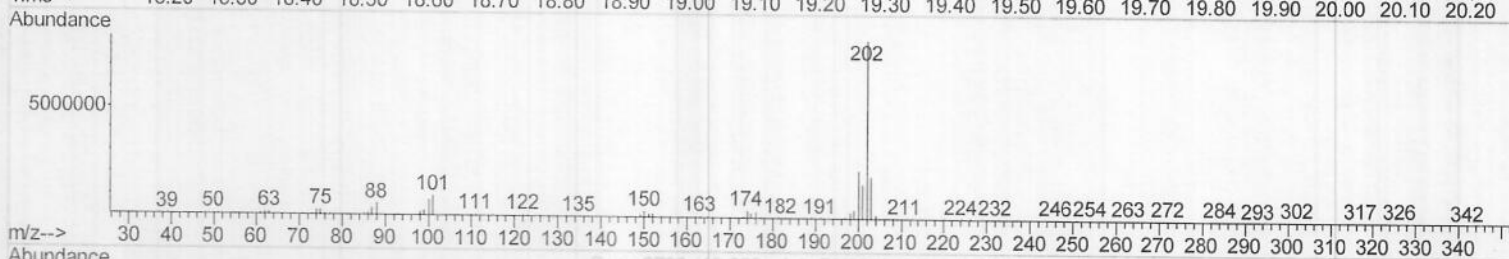
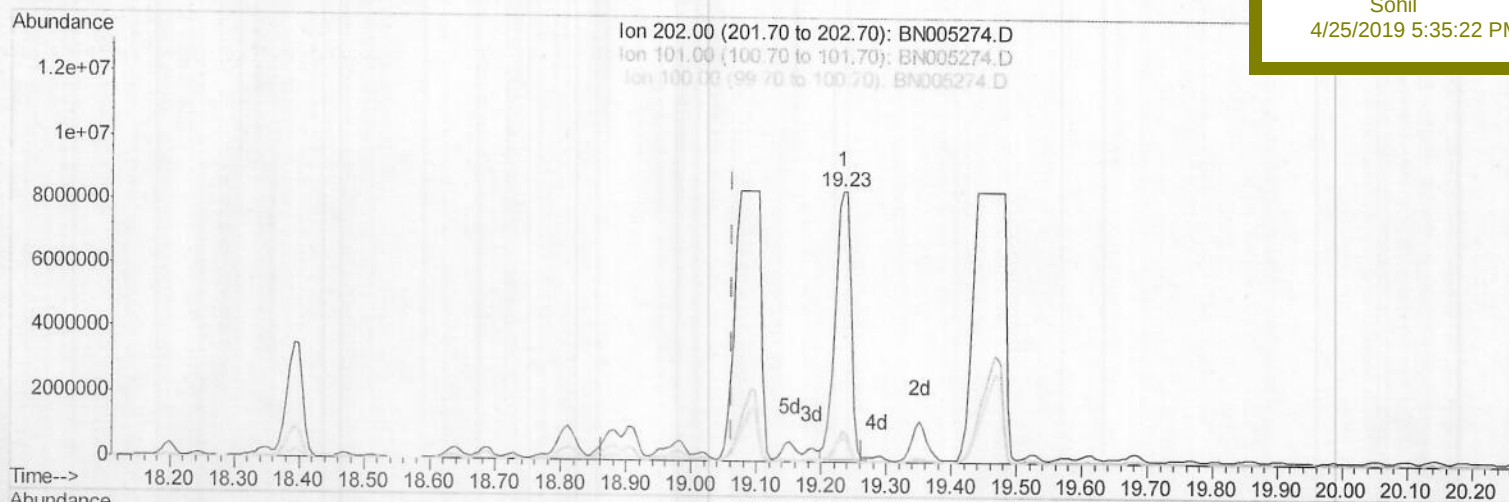
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ7

Manual Integrations
APPROVED

Sohil
4/25/2019 5:35:22 PM



(76) Fluoranthene (C)

19.233min (+0.171) 99.22ng/ul

response 14325598

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	11.27
100.00	7.90	8.98
0.00	0.00	0.00

Quantitation Report (Qedit)

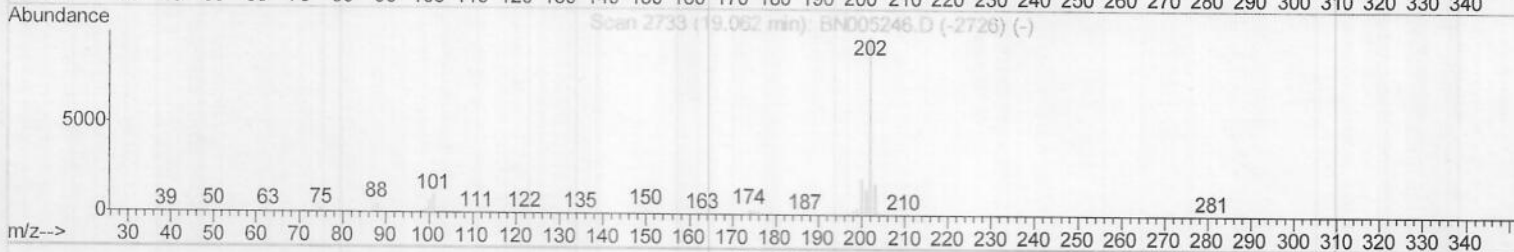
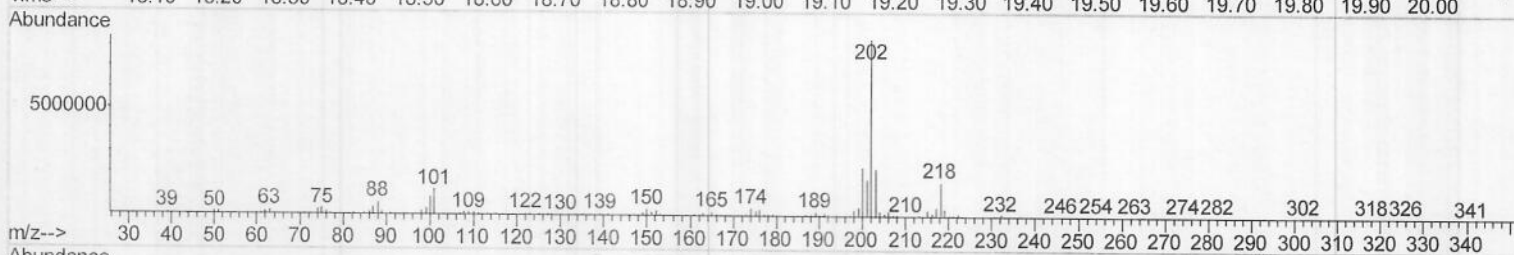
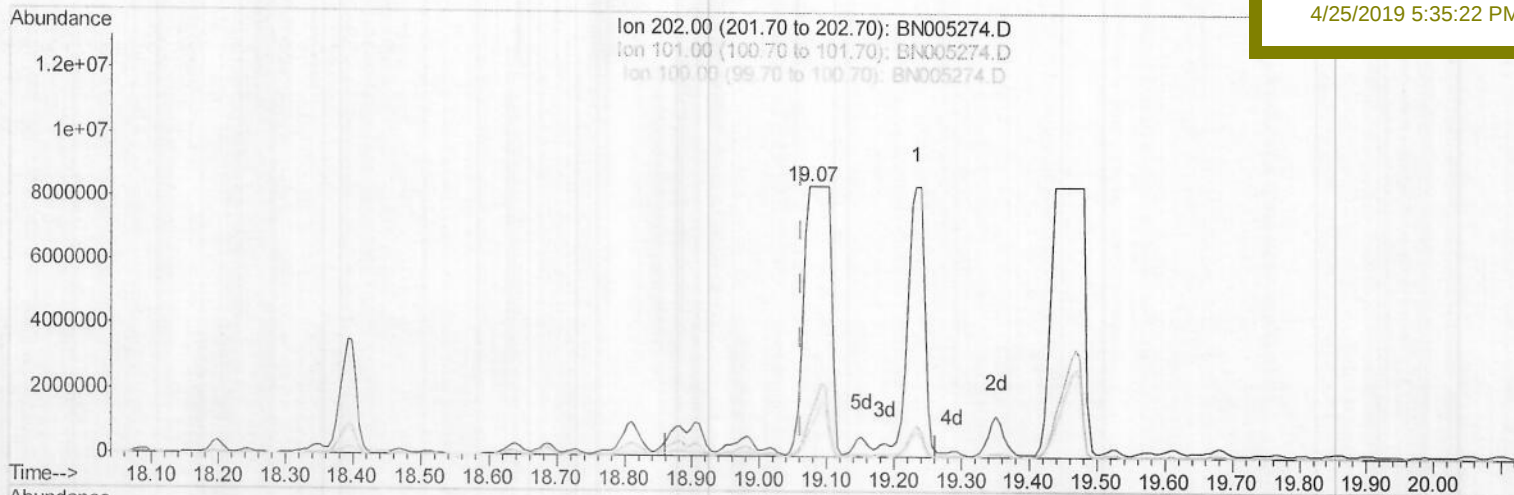
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:22 PM



TIC: BN005274.D

(76) Fluoranthene (C)

19.075min (+0.012) 161.03ng/ul m

response 23251251

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	14.08#
100.00	7.90	10.13#
0.00	0.00	0.00

SJ
 05/02/19

Quantitation Report (Qedit)

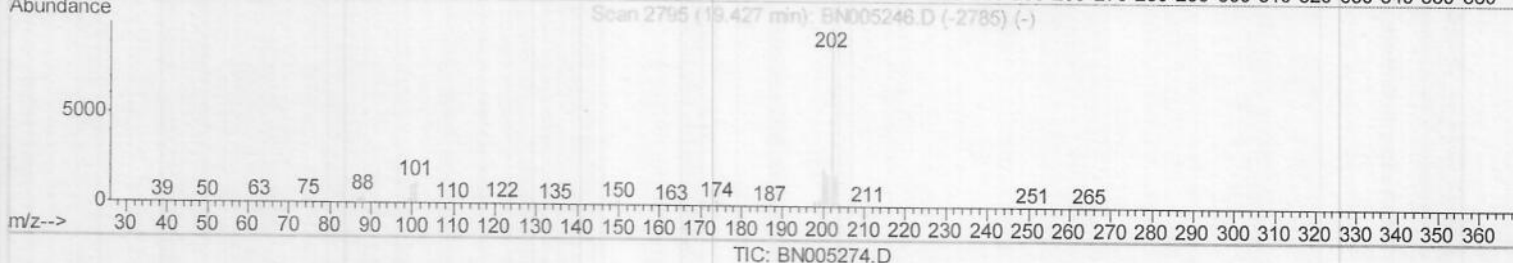
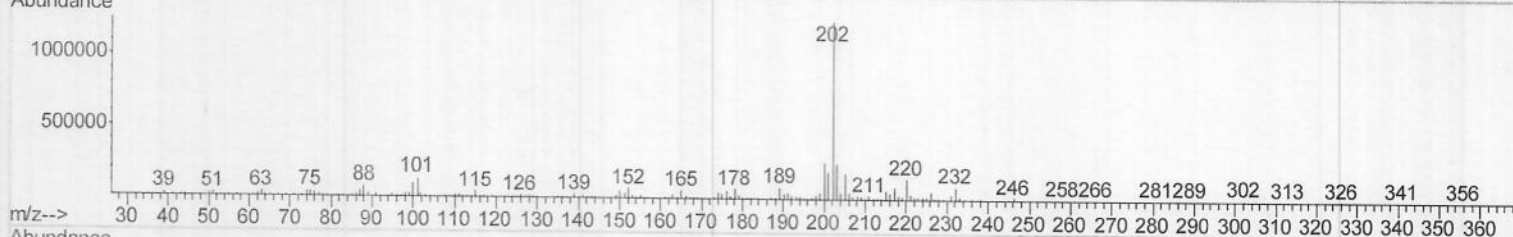
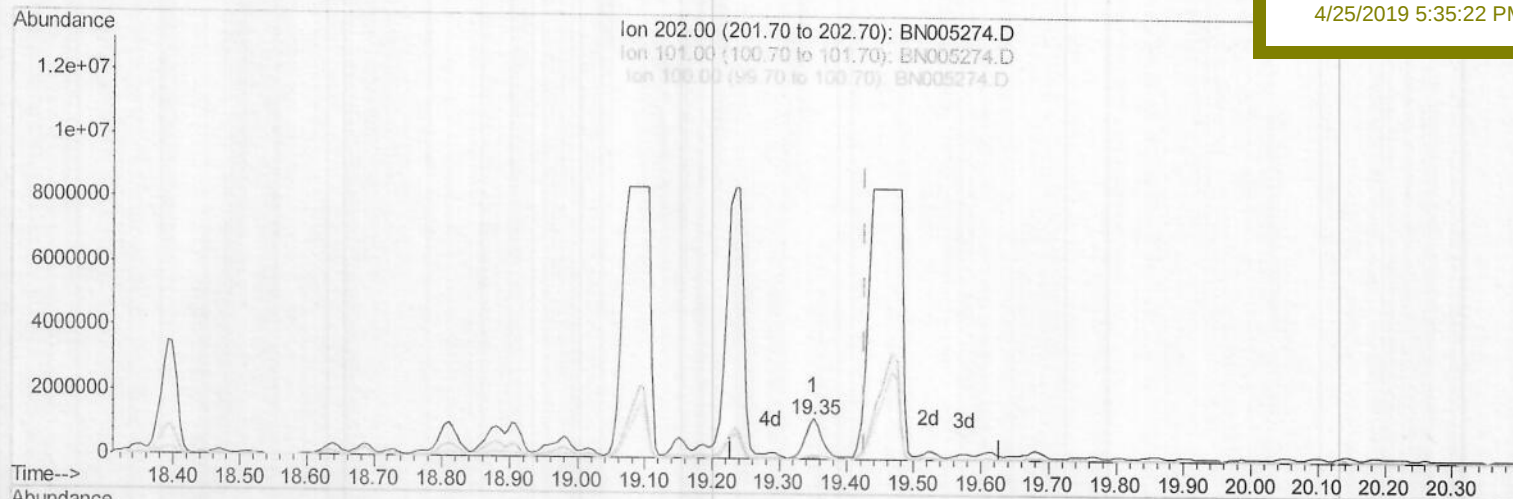
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:22 PM



(79) Pyrene

19.351min (-0.076) 16.87ng/ul

response 1961784

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	10.48
100.00	9.90	7.39#
0.00	0.00	0.00

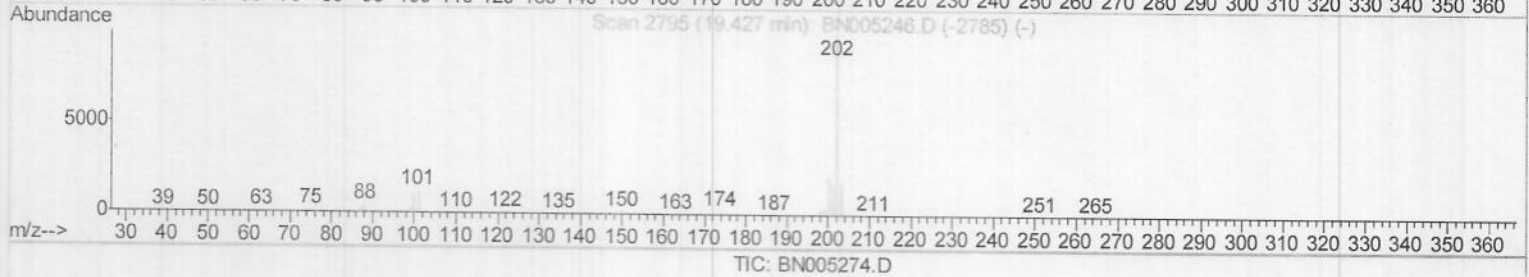
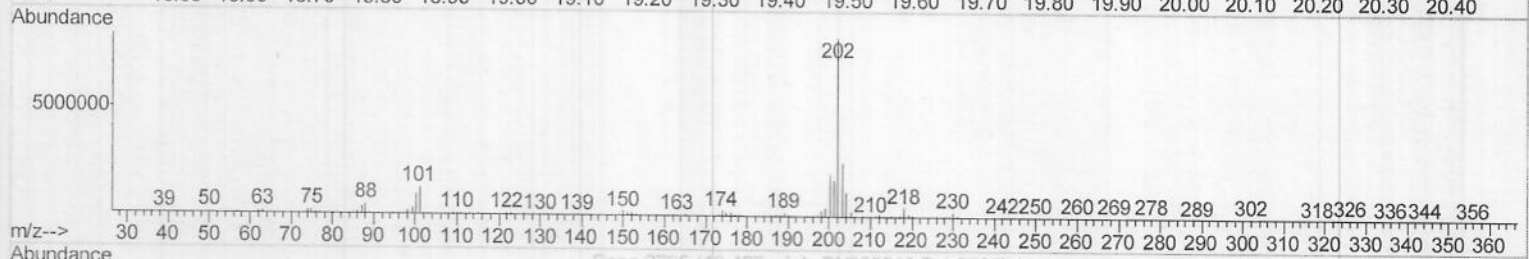
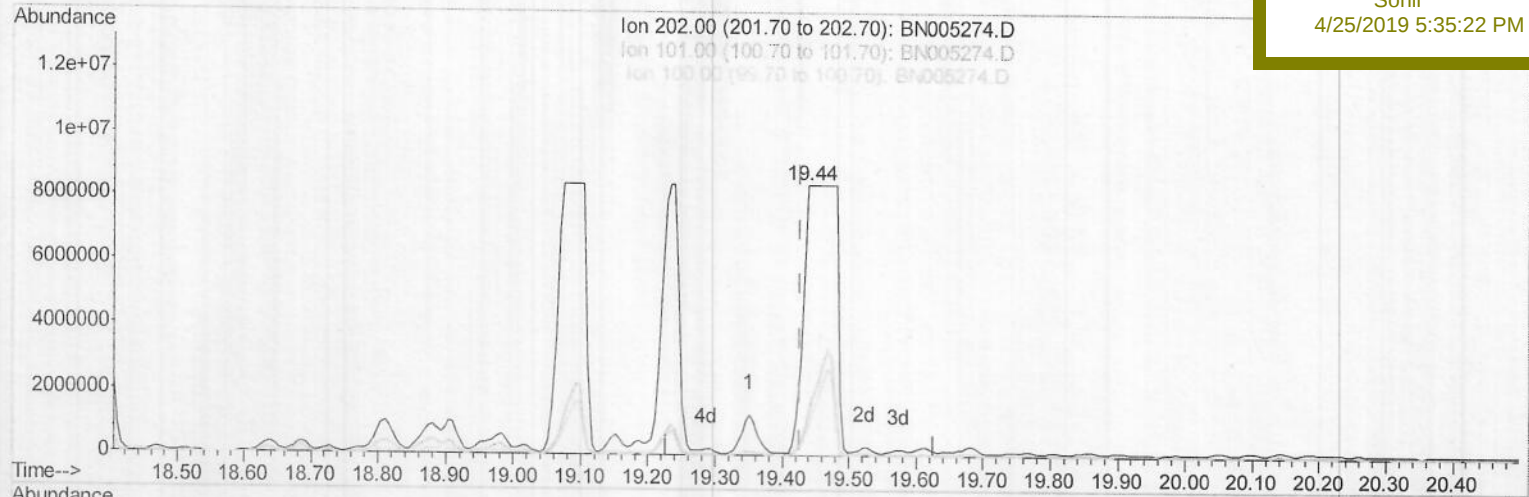
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ7

Manual Integrations
APPROVED

Sohil
4/25/2019 5:35:22 PM



(79) Pyrene

19.439min (+0.012) 240.99ng/ul m

response 28026493

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	15.43
100.00	9.90	11.45
0.00	0.00	0.00

SJ
05/02/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

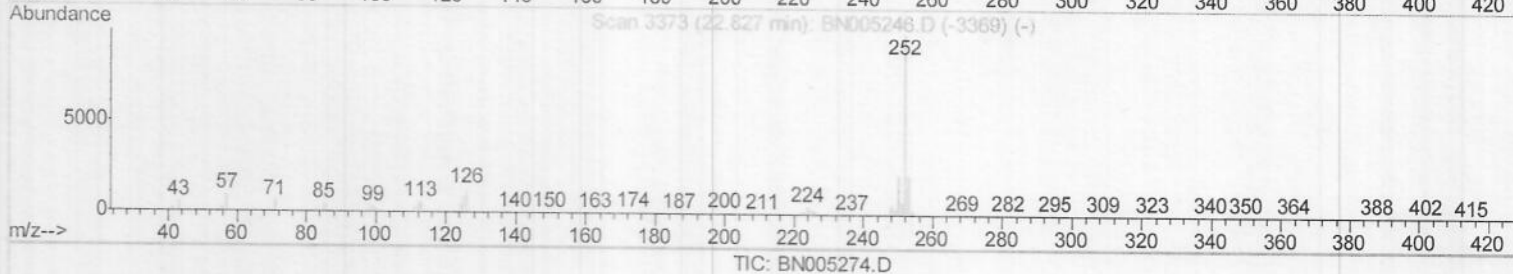
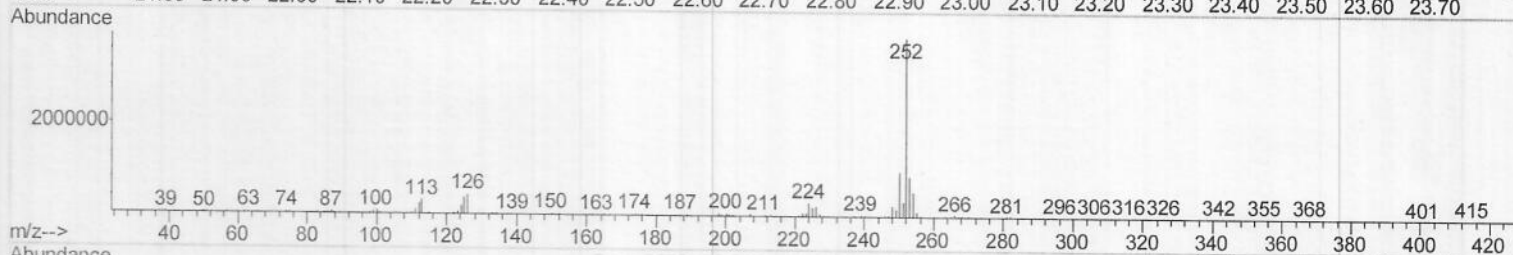
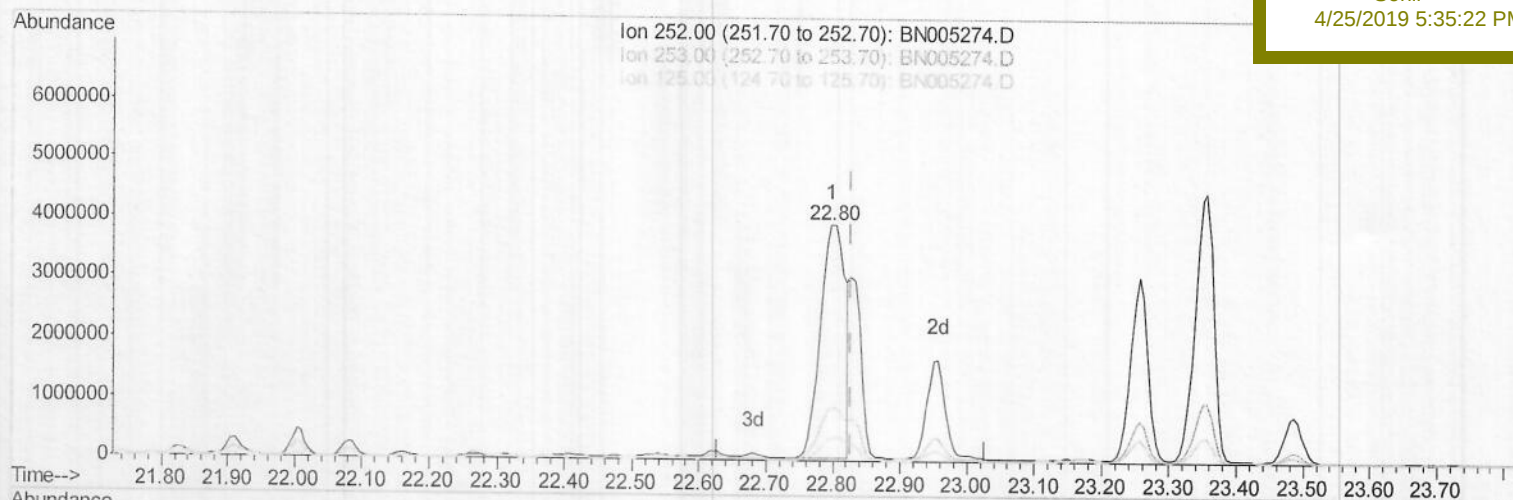
GAHQ7

Manual Integrations

APPROVED

Sohil

4/25/2019 5:35:22 PM



(88) Benzo(k)fluoranthene

22.798min (-0.029) 90.94ng/ul

response 10103107

Ion Exp% Act%

252.00 100 100

253.00 21.70 22.75

125.00 9.40 9.48

0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\

Data File : BN005274.D

Acq On : 25 Apr 2019 05:43

Operator : JU/SJ

Sample : K2455-05 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:17:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

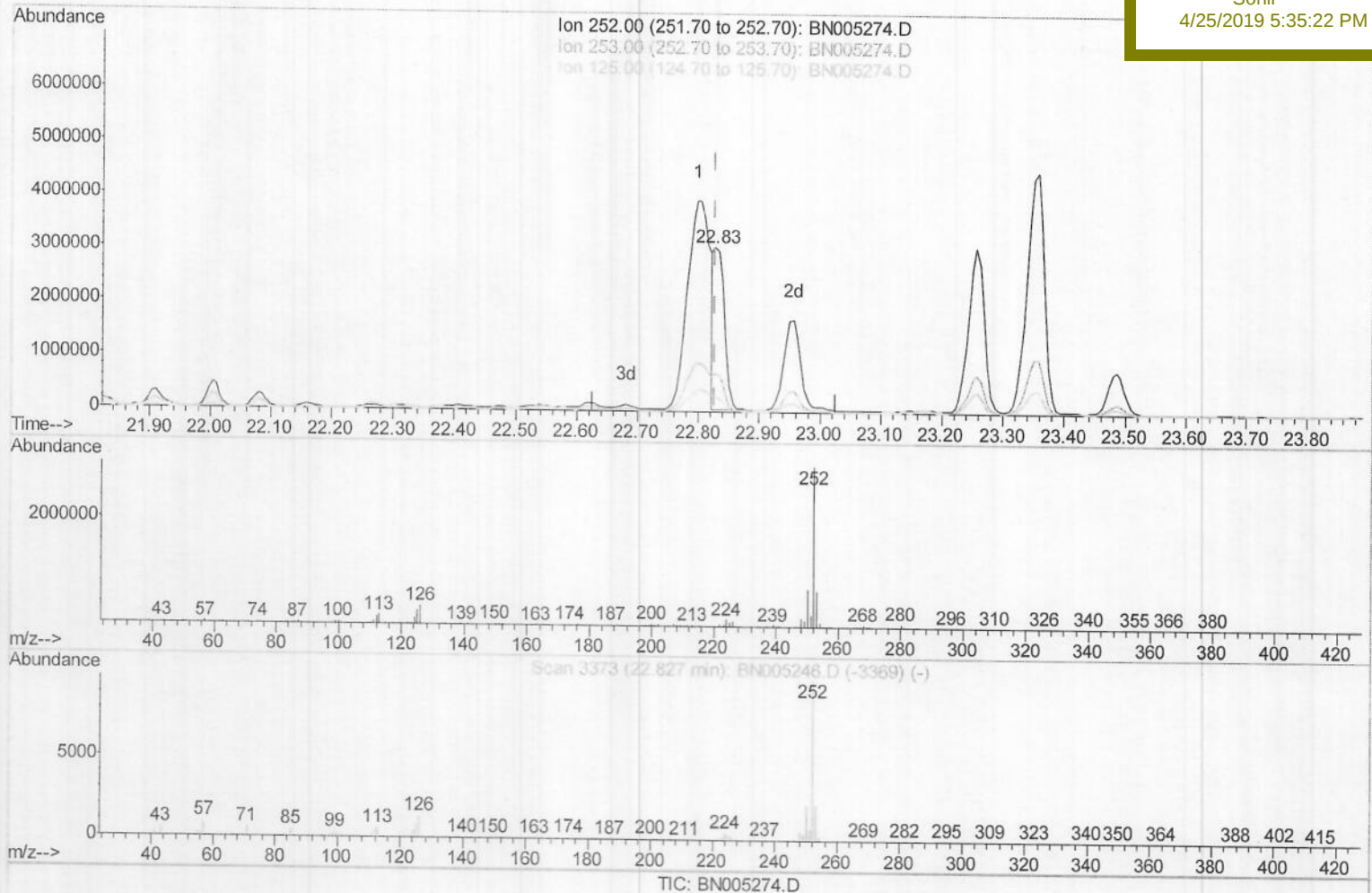
GAHQ7

Manual Integrations

APPROVED

Sohil

4/25/2019 5:35:22 PM



(88) Benzo(k)fluoranthene

22.827min (+0.000) 32.40ng/ul m

response 3598827

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.83
125.00	9.40	9.20
0.00	0.00	0.00

SJ
05/02/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample ID :
 GAHQ7

Quant Time: Apr 25 07:21:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:22 PM

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	456925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1587155m	20.00	ng/ul	0.08
35) Acenaphthene-d10	14.25	164	1564864m	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.00	188	2672868m	20.00	ng/ul	0.02
77) Chrysene-d12	21.23	240	1806193	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	2069273	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5692	0.60	ng/uL	0.00
5) Phenol-d5	6.78	99	157713	4.39	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	108341	4.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	128033	4.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	138053	4.92	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	112834m	11.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	67577	6.82	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	143262	6.31	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	132733	5.67	ng/ul	0.02
43) Dimethylphthalate-d6	13.69	166	542533	4.78	ng/ul	0.04
46) Acenaphthylene-d8	13.96	160	562599	4.03	ng/ul	0.04
51) 4-Nitrophenol-d4	14.46	143	152079m	8.48	ng/ul	0.02
57) Fluorene-d10	15.25	176	423404m	4.44	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.42	200	19054m	1.58	ng/ul	0.07
70) Anthracene-d10	17.13	188	604579	5.40	ng/ul	0.04
78) Pyrene-d10	19.42	212	630877	6.83	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.30	264	472166	5.22	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QI on	Response	Conc	Units	Qvalue
14) Acetophenone	8.40	105	942611	20.995	ng/ul#	59
28) Naphthalene	10.42	128	79753091m	1080.896	ng/ul	
34) 2-Methylnaphthalene	12.05	142	73544353m	1361.285	ng/ul	
40) 1,1'-Biphenyl	13.07	154	18170922m	155.844	ng/ul	
47) Acenaphthylene	13.98	152	32021433m	233.539	ng/ul	
49) Acenaphthene	14.32	153	8477533	90.566	ng/ul	98
53) Dibenzofuran	14.65	168	7925290	58.806	ng/ul	93
58) Fluorene	15.31	166	27470668m	261.218	ng/ul	
69) Phenanthrene	17.04	178	47705615m	366.479	ng/ul	
71) Anthracene	17.15	178	16332754m	123.167	ng/ul	
76) Fluoranthene	19.07	202	23251251m	161.035	ng/ul	
79) Pyrene	19.44	202	28026493m	240.995	ng/ul	
82) Benzo(a)anthracene	21.22	228	16073114	143.045	ng/ul#	69
84) Chrysene	21.27	228	14207998	136.243	ng/ul#	83
87) Benzo(b)fluoranthene	22.80	252	10103107	86.857	ng/ul	98
88) Benzo(k)fluoranthene	22.83	252	3598827m	32.395	ng/ul	
90) Benzo(a)pyrene	23.36	252	8714088	79.701	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.63	276	4531237	37.485	ng/ul	96
92) Dibenzo(a,h)anthracene	25.63	278	1425109	13.892	ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	3703017	37.048	ng/ul	96

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