

```
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\  
Data File : BN005434.D  
Acq On : 03 May 2019 02:30  
Operator : JU/SJ  
Sample : K2603-09 5X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1
```

Quant Time: May 03 05:50:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

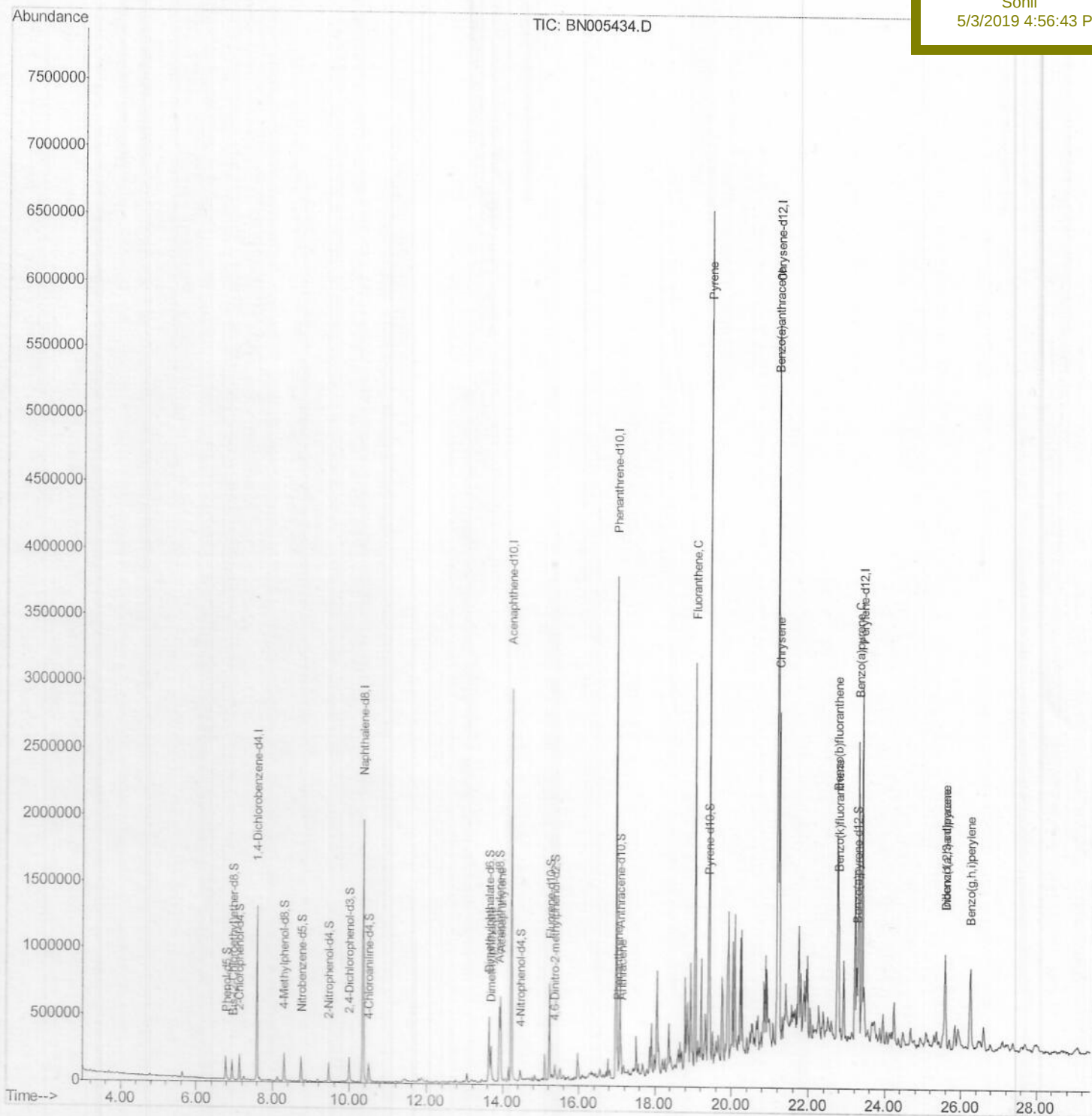
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Manual Integrations

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Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

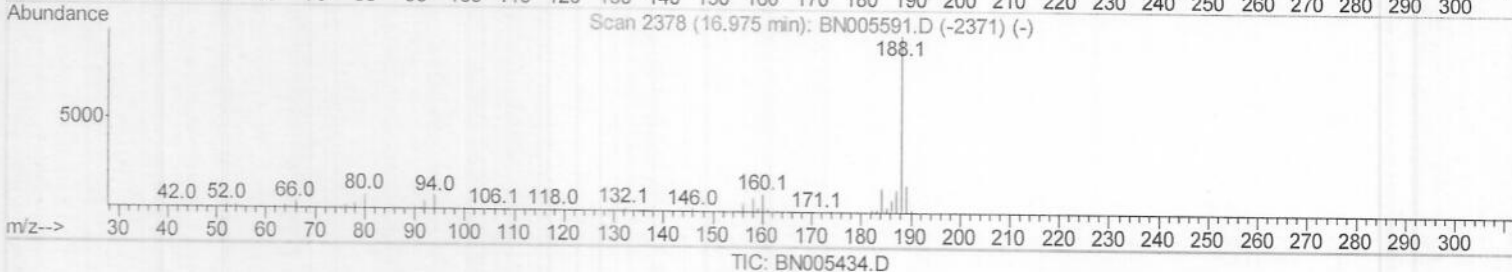
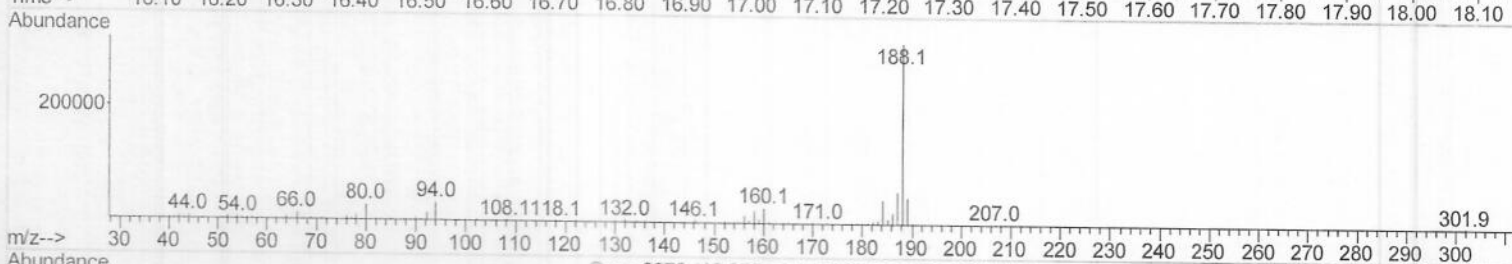
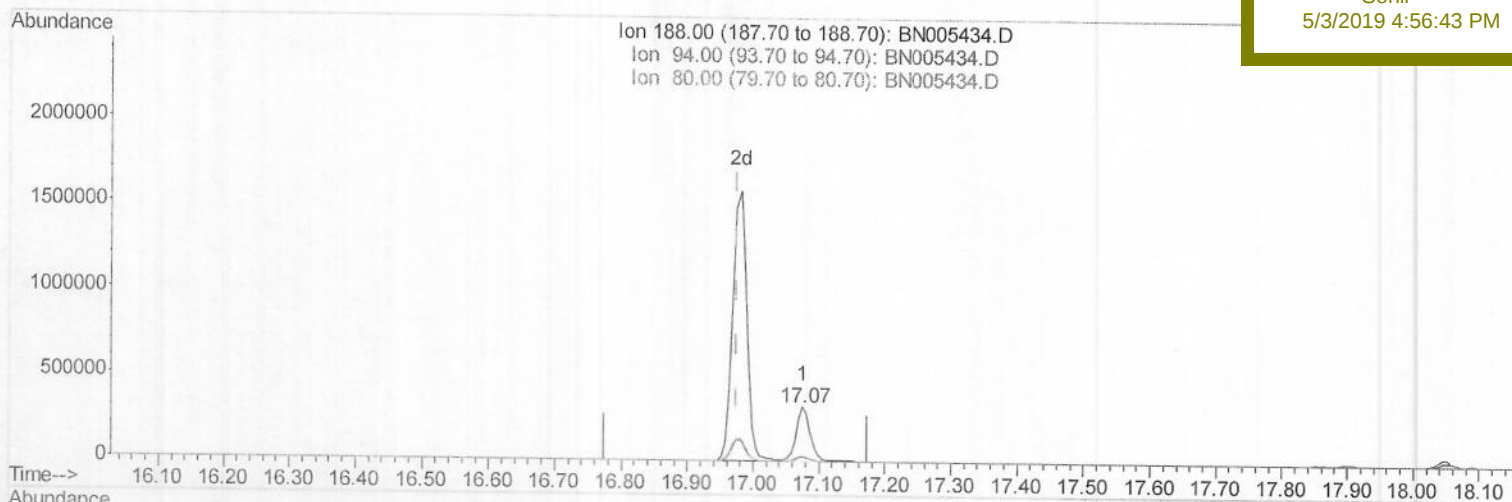
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Manual Integrations

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(61) Phenanthrene-d10 (I)

17.075min (+0.100) 20.00ng/ul

response 467734

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	9.87
80.00	10.30	8.51
0.00	0.00	0.00

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Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

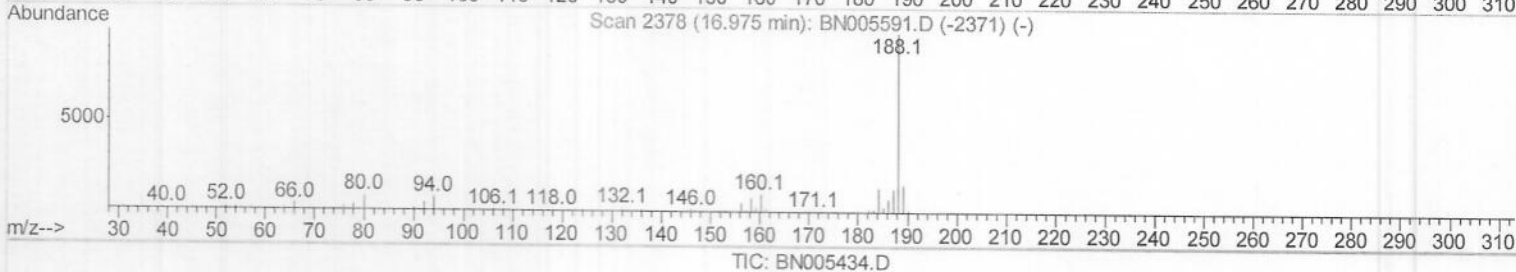
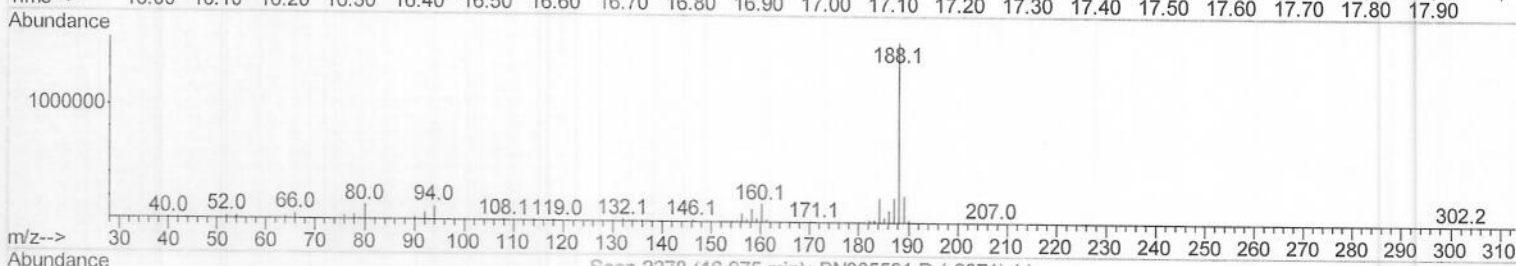
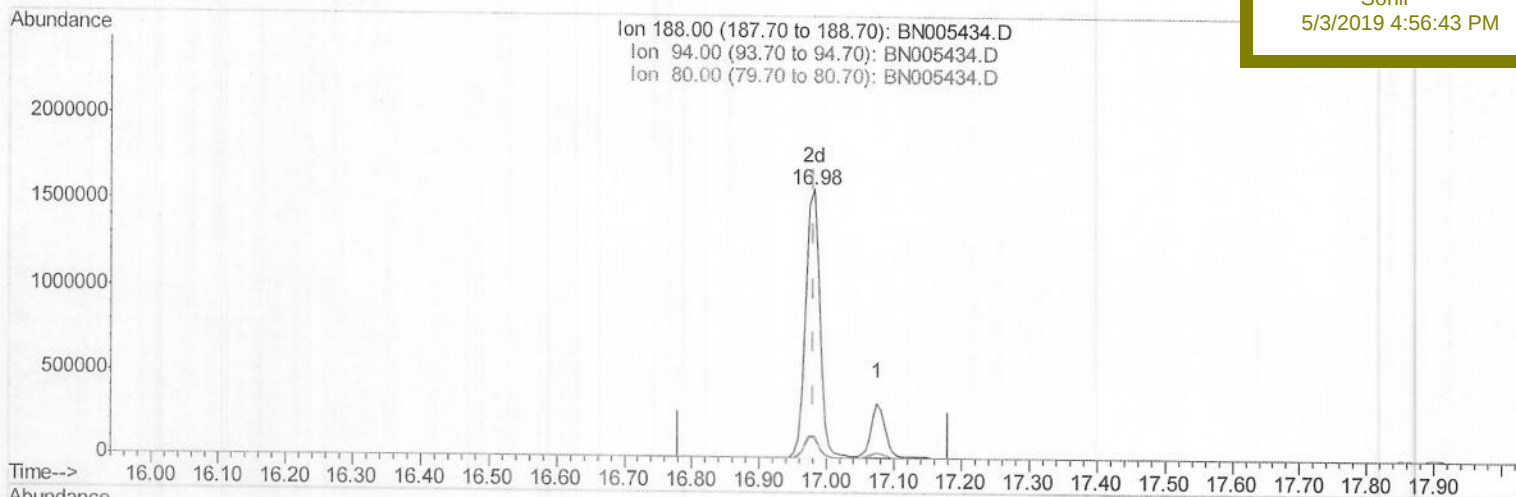
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Manual Integrations

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(61) Phenanthrene-d10 (I)

16.981min (-0.000) 20.00ng/ul m

response 2315305

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	7.71
80.00	10.30	8.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

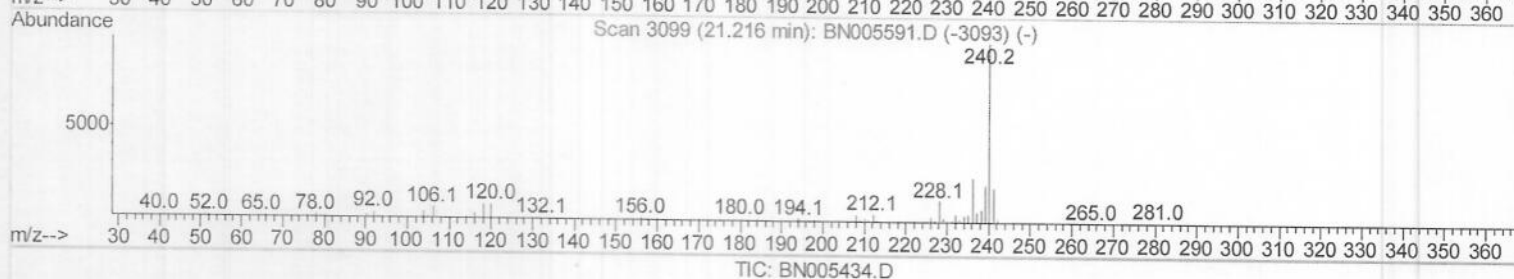
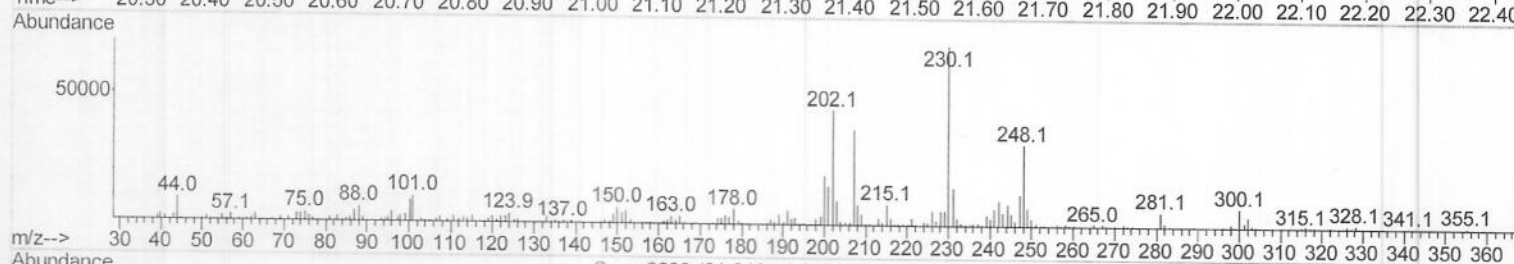
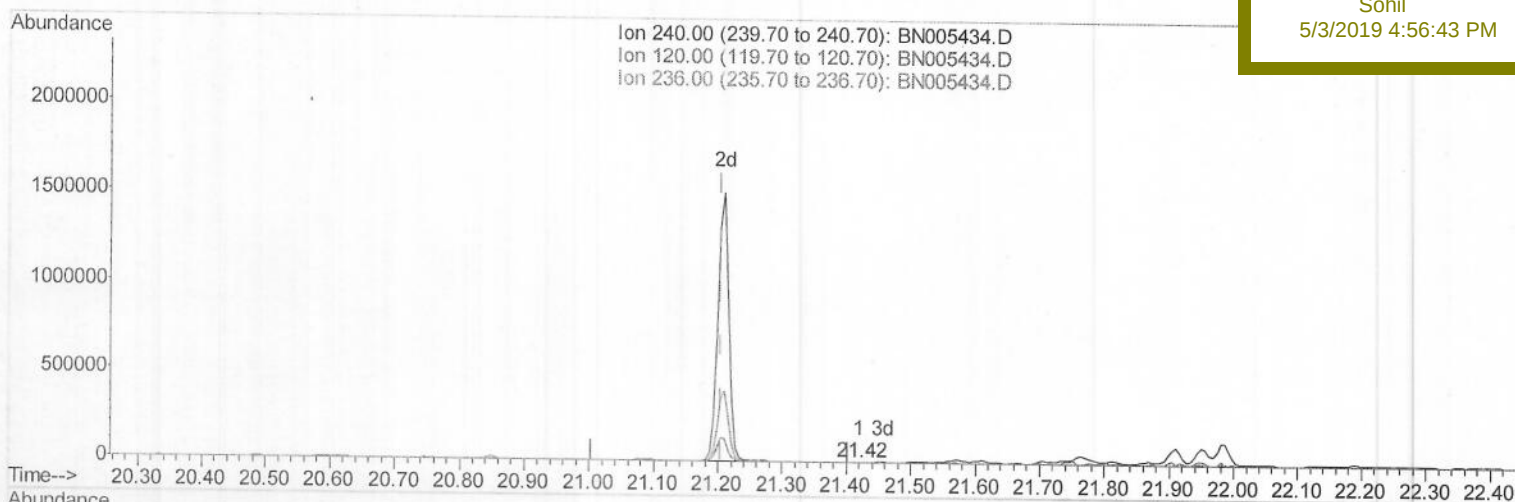
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Manual Integrations

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(77) Chrysene-d12 (I)

21.421min (+0.217) 20.00ng/ul

response 2444

Ion	Exp%	Act%
240.00	100	100
120.00	10.90	80.88#
236.00	26.10	32.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

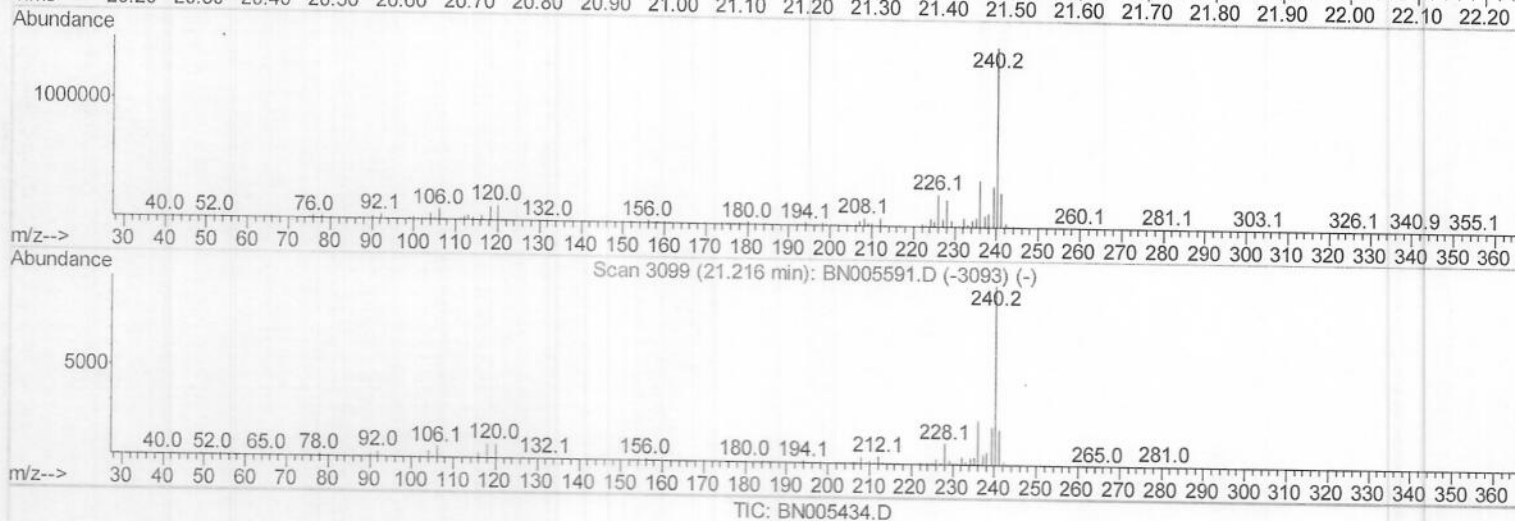
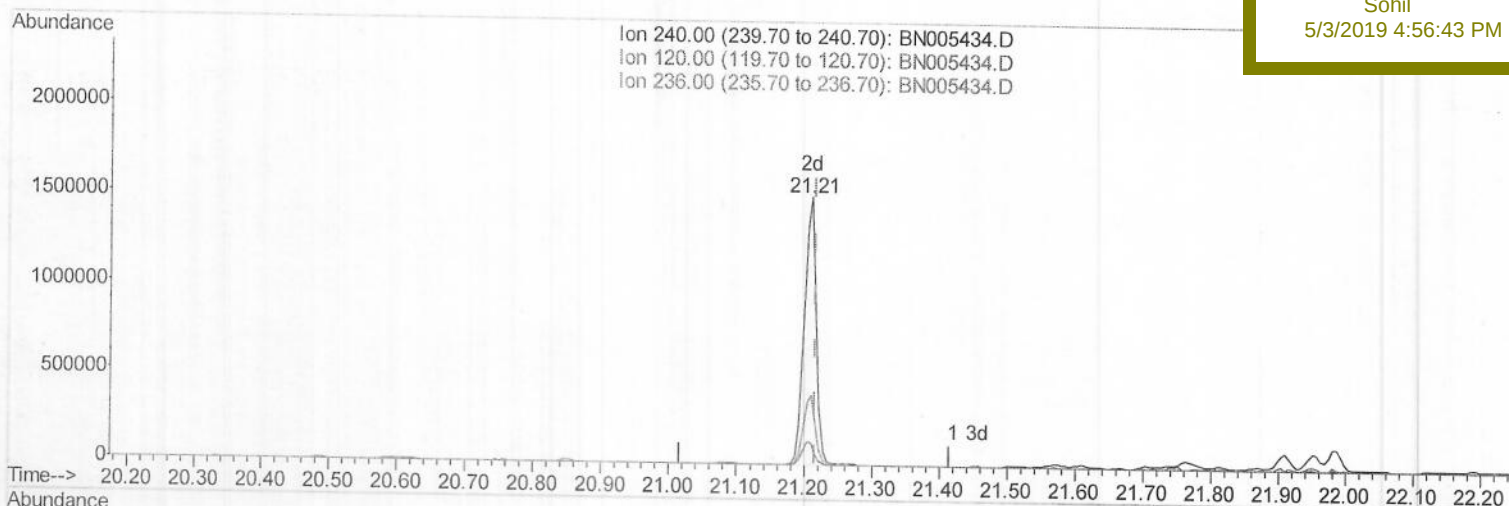
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\
 Data File : BN005434.D
 Acq On : 03 May 2019 02:30
 Operator : JU/SJ
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 ALS Vial : 19 Sample Multiplier: 1

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 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAJ61

Manual Integrations
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(77) Chrysene-d12 (I)

21.210min (-0.006) 20.00ng/ul m) JU05/12/19

response 1845058

Ion	Exp%	Act%
240.00	100	100
120.00	10.90	8.24#
236.00	26.10	25.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

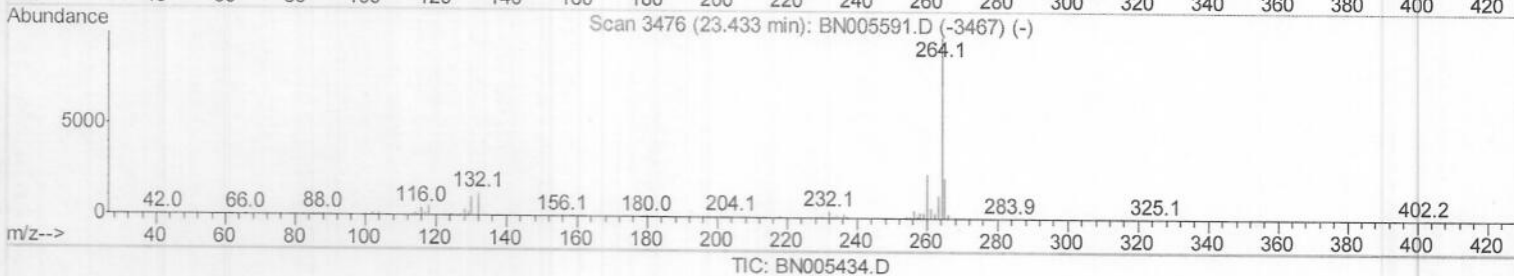
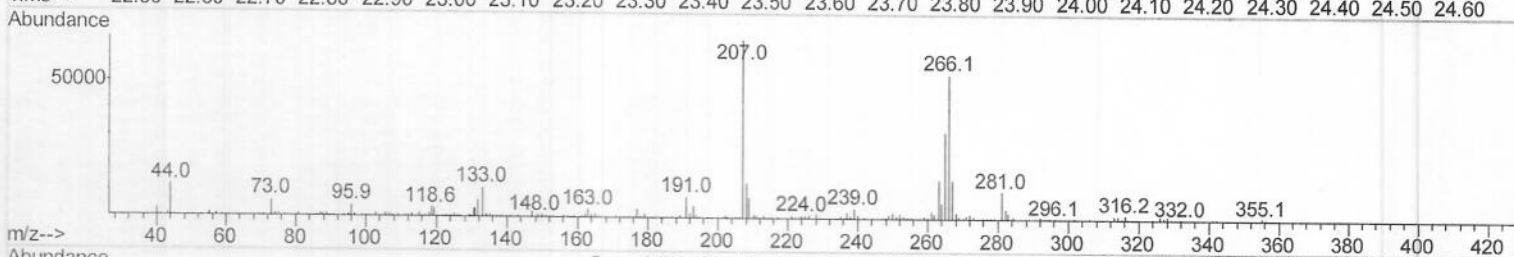
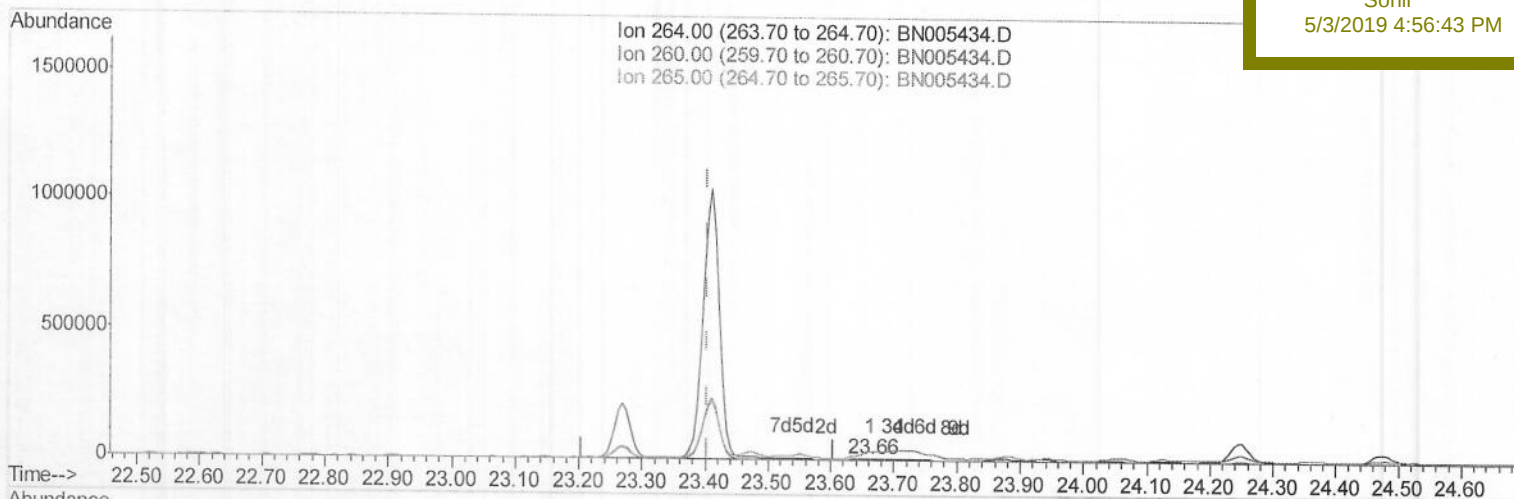
ClientSampleId :

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Manual Integrations
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(85) Perylene-d12 (I)

23.663min (+0.259) 20.00ng/ul

response 13711

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	16.02#
265.00	22.10	541.05#
0.00	0.00	0.00

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Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

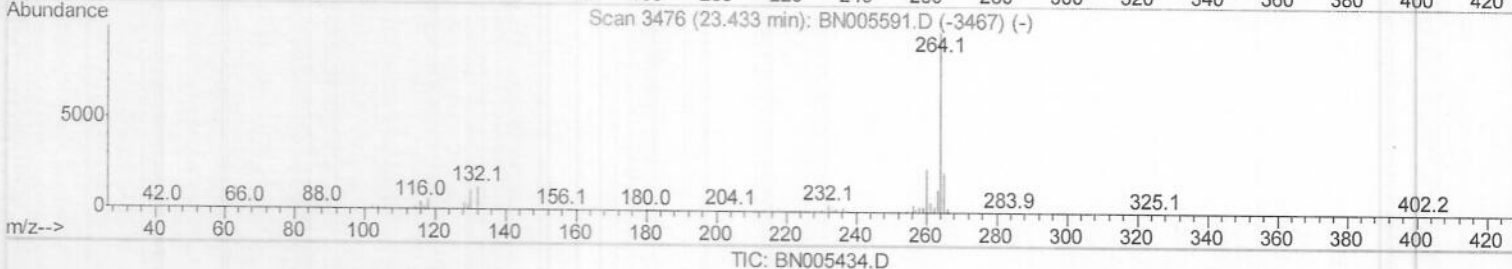
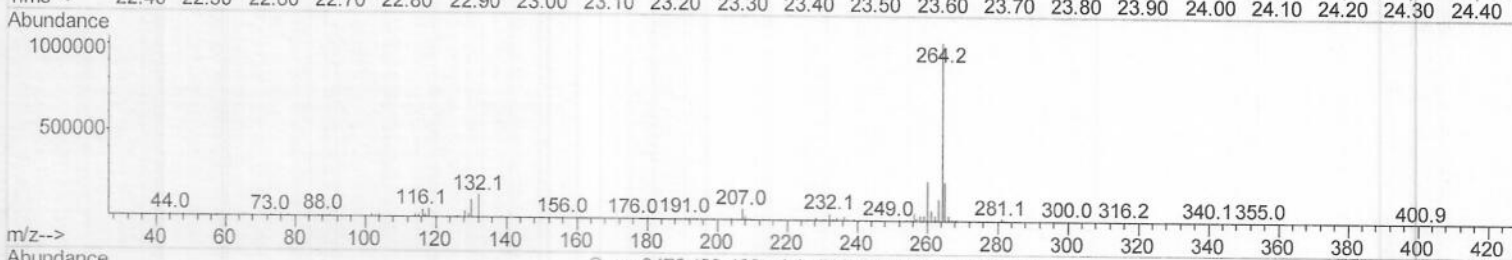
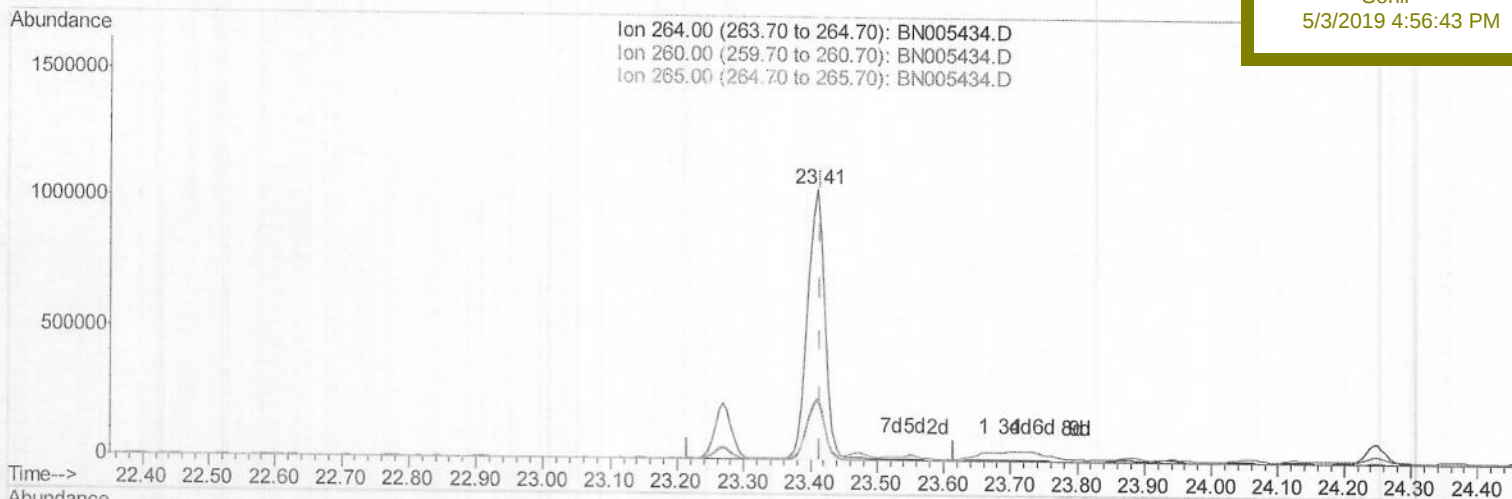
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(85) Perylene-d12 (I)

23.410min (-0.006) 20.00ng/ul m

JU05/12/19

response 1882493

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	22.89
265.00	22.10	21.68
0.00	0.00	0.00

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Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

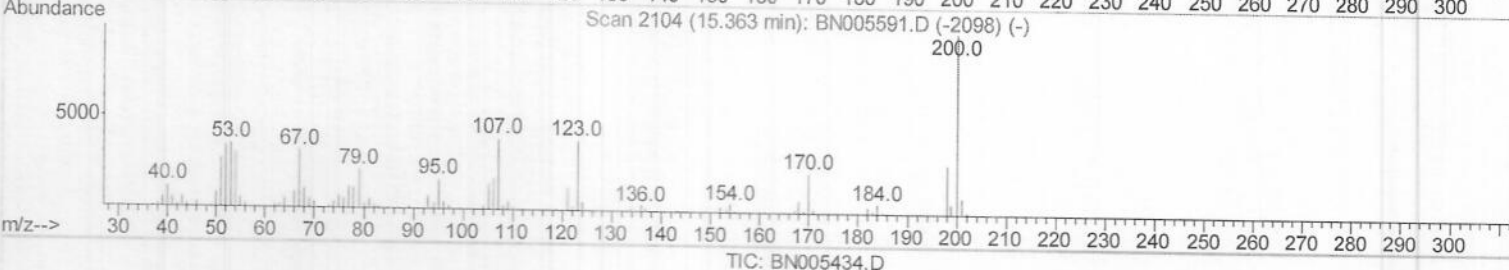
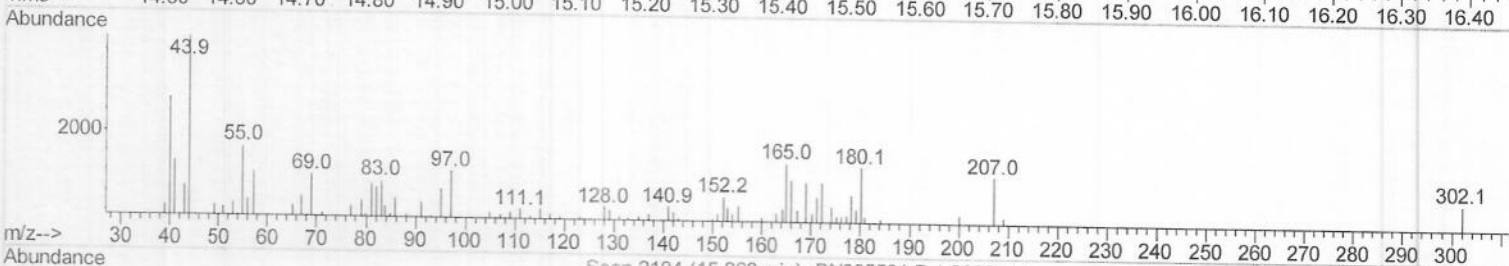
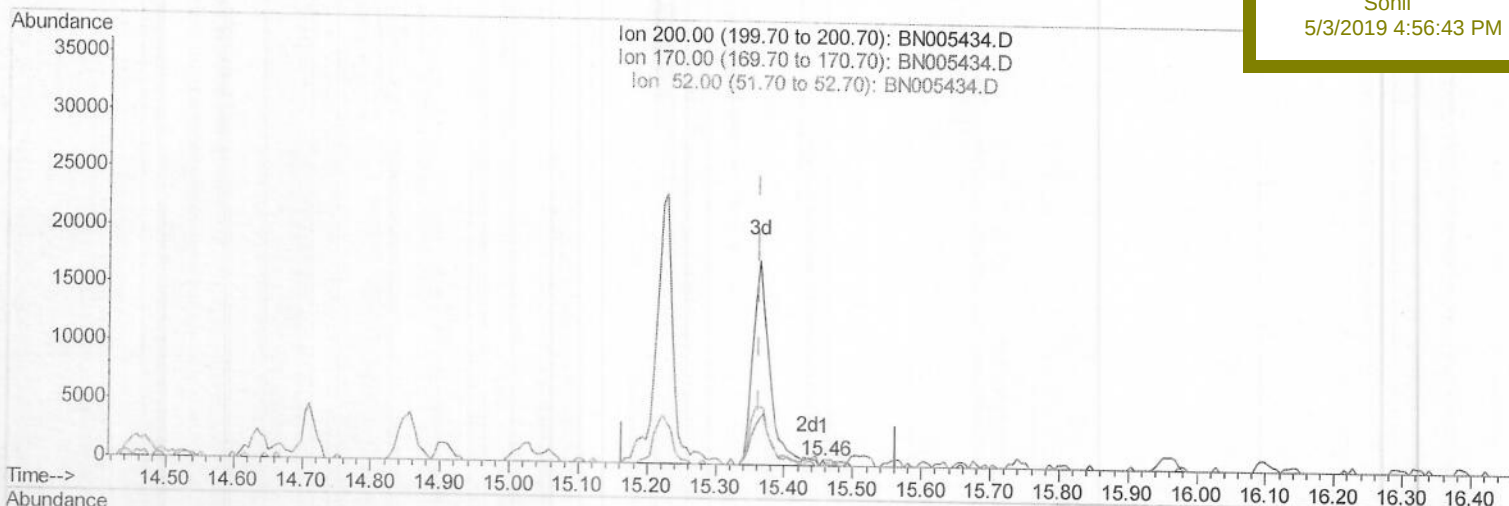
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TIC: BN005434.D

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

15.457min (+0.094) 0.08ng/ul

response 167

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	102.53#
52.00	49.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

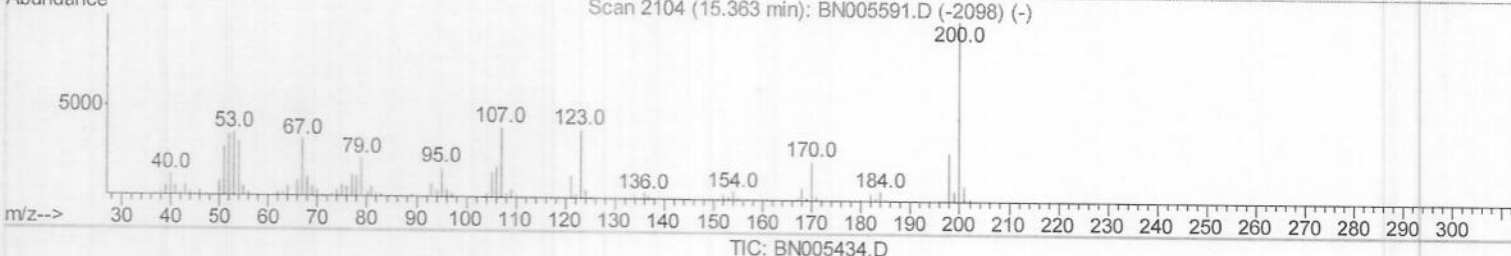
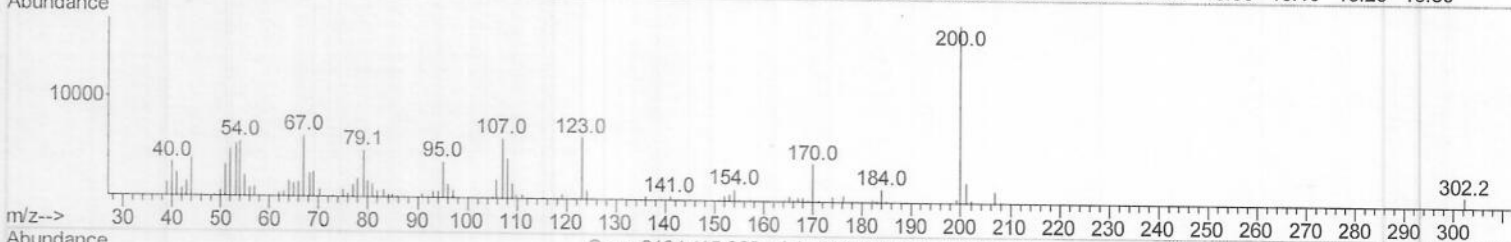
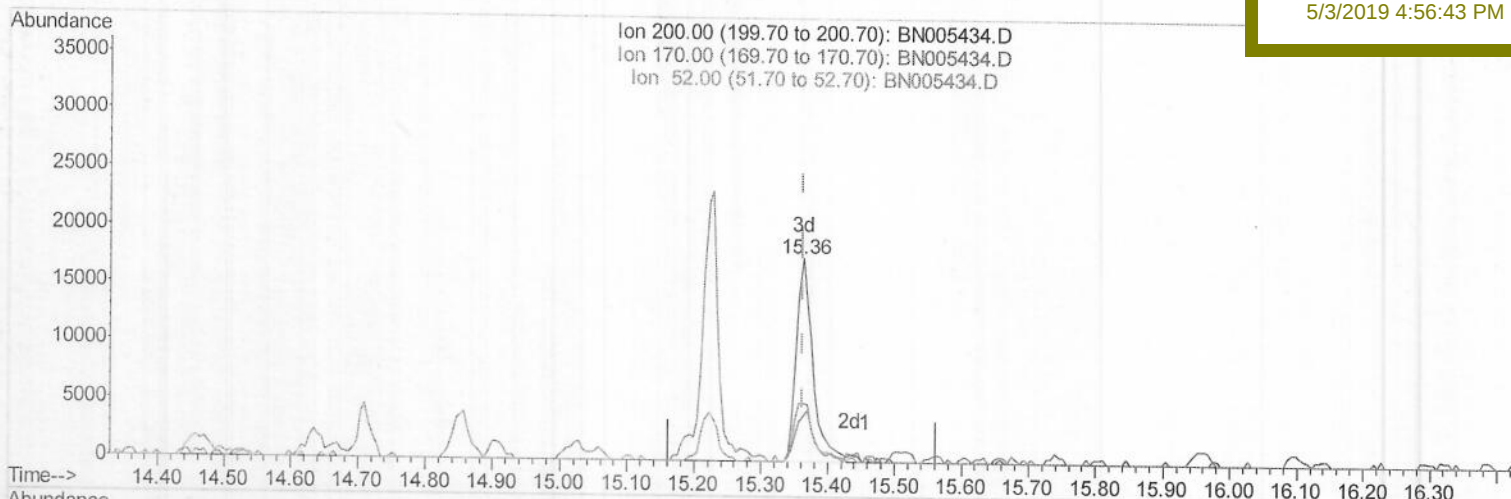
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Manual Integrations

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

15.363min (-0.000) 2.89ng/ul m) J 00512119

response 30126

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	22.37
52.00	49.60	28.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

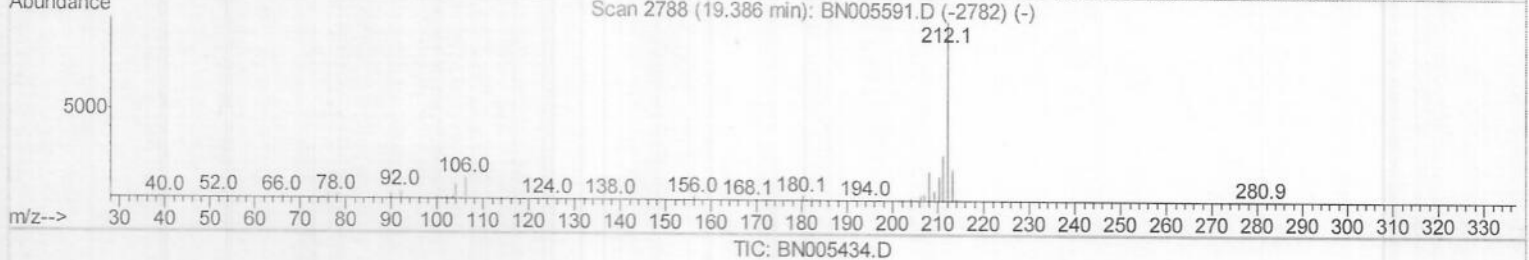
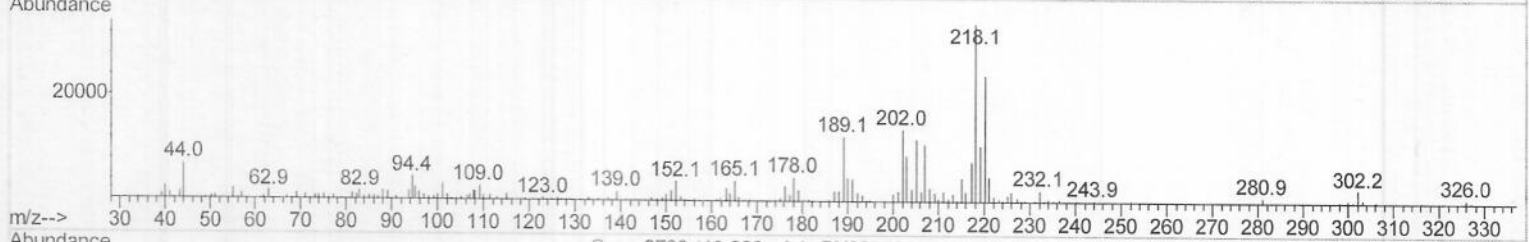
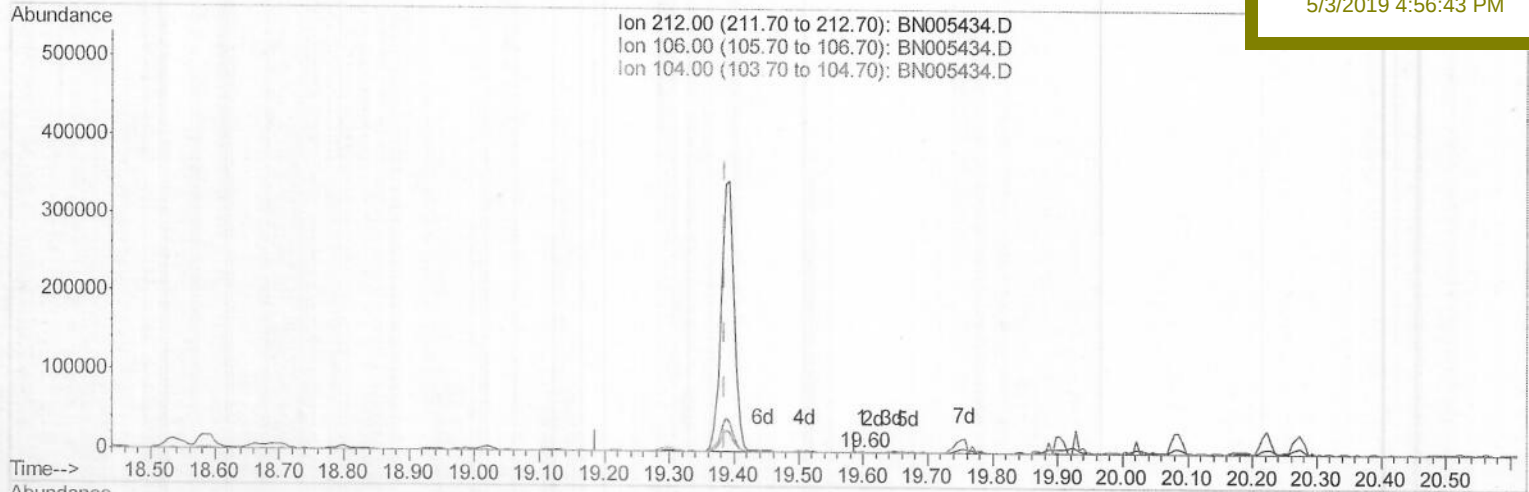
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(78) Pyrene-d10 (S)

19.598min (+0.212) 4.00ng/ul

response 500

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	141.98#
104.00	9.50	66.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

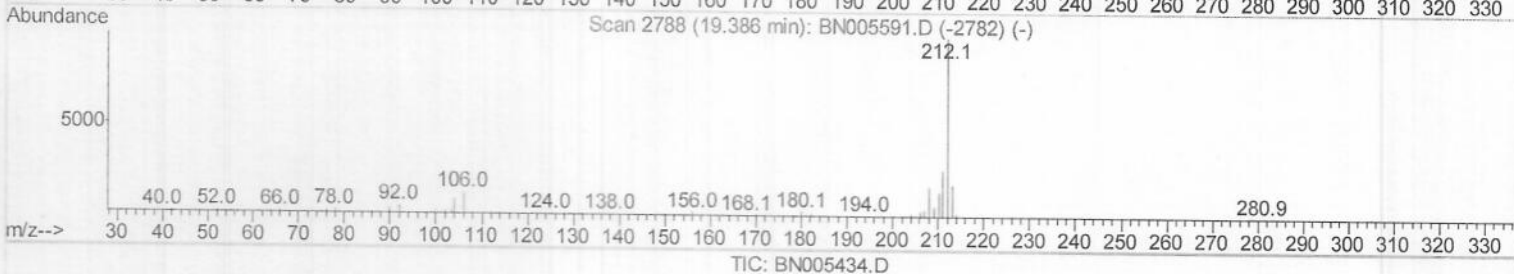
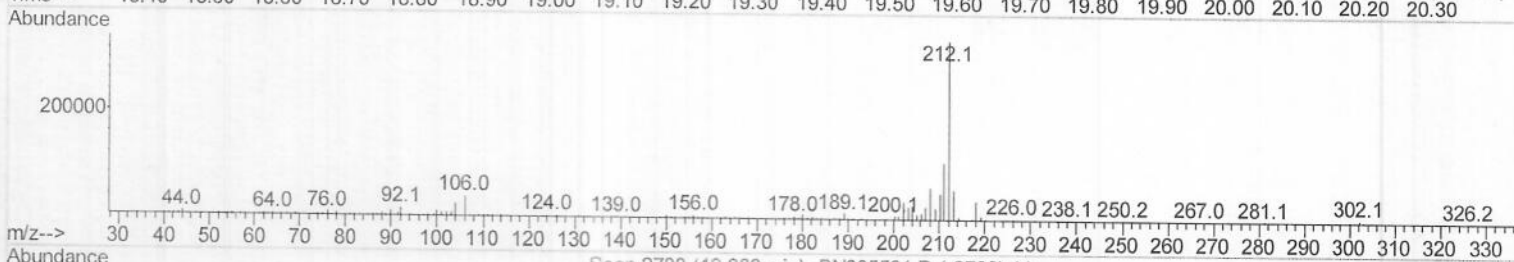
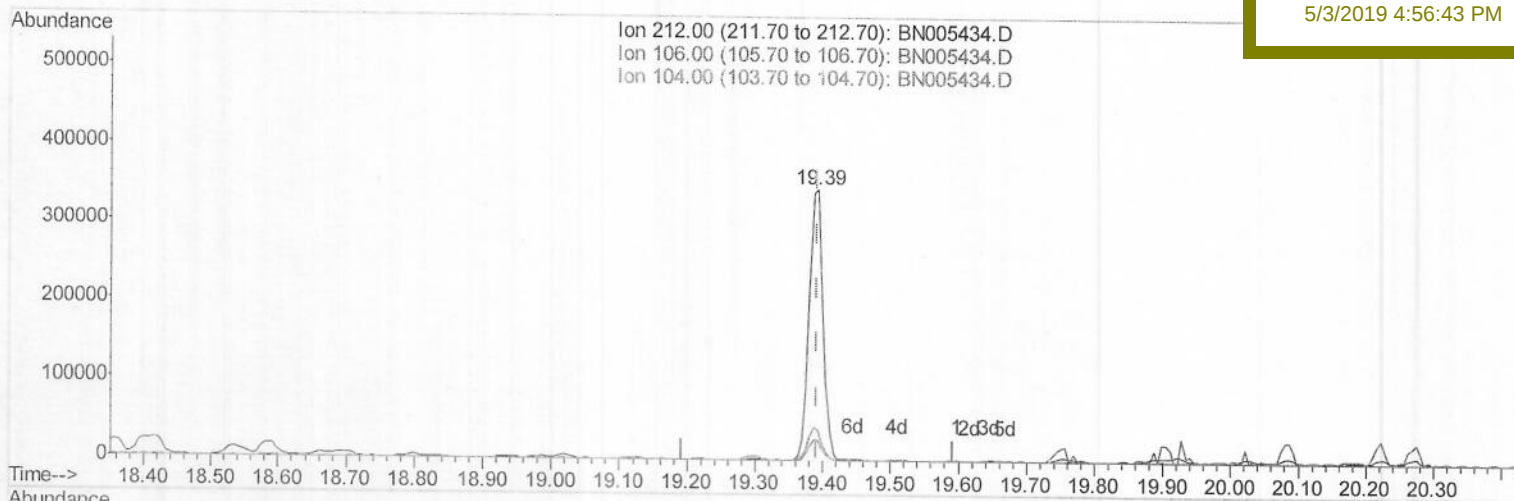
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Manual Integrations

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Sohil

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(78) Pyrene-d10 (S)

19.392min (-0.000) 5.15ng/ul m) JU0512115

response 486202

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	11.07#
104.00	9.50	7.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005434.D

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Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

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Instrument :

BNA_N

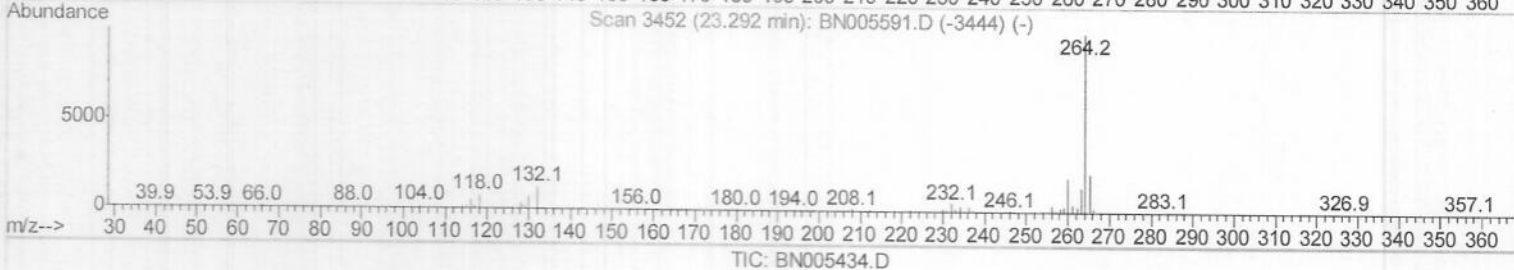
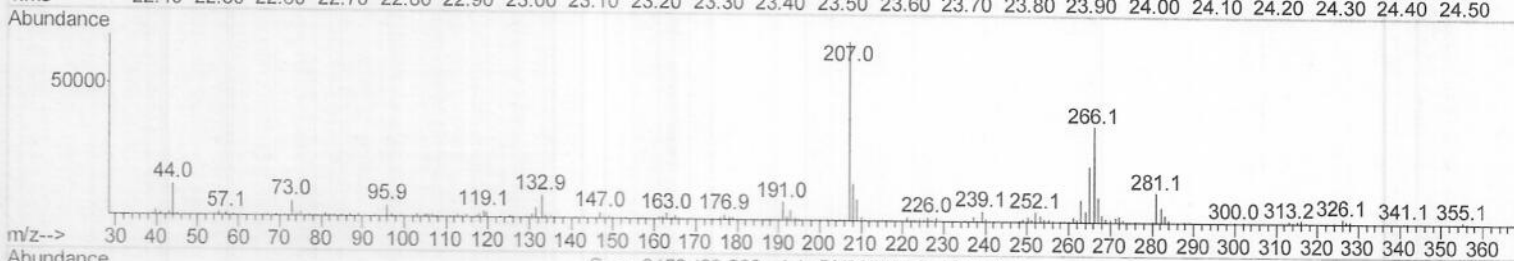
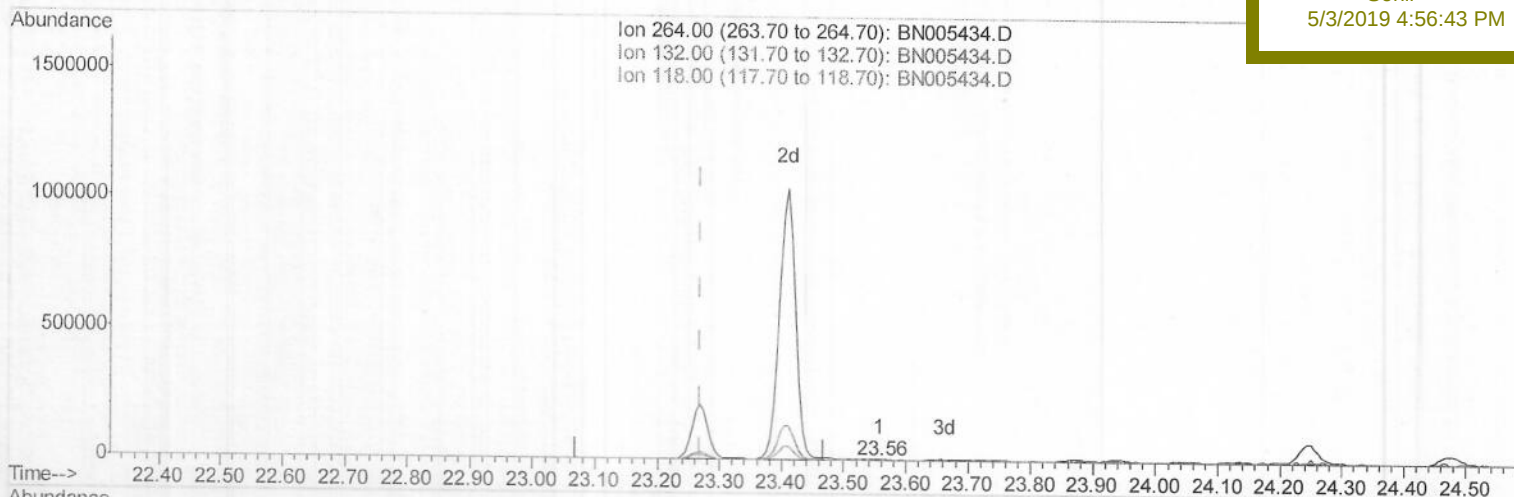
ClientSampleId :

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Manual Integrations
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(89) Benzo(a)pyrene-d12 (S)

23.557min (+0.288) 5.42ng/ul

response 3250

Ion Exp% Act%

264.00 100 100

132.00 16.60 0.00#

118.00 10.40 39.76#

0.00 0.00 0.00

Quantitation Report (Qedit)

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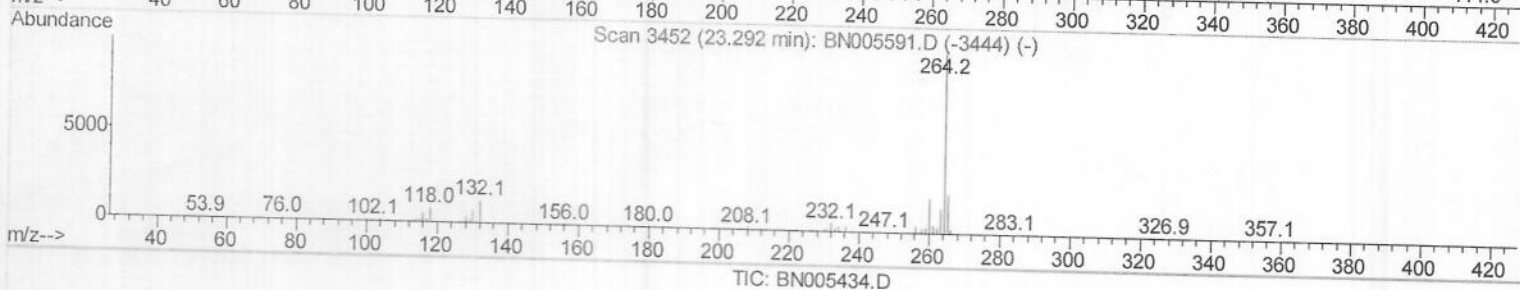
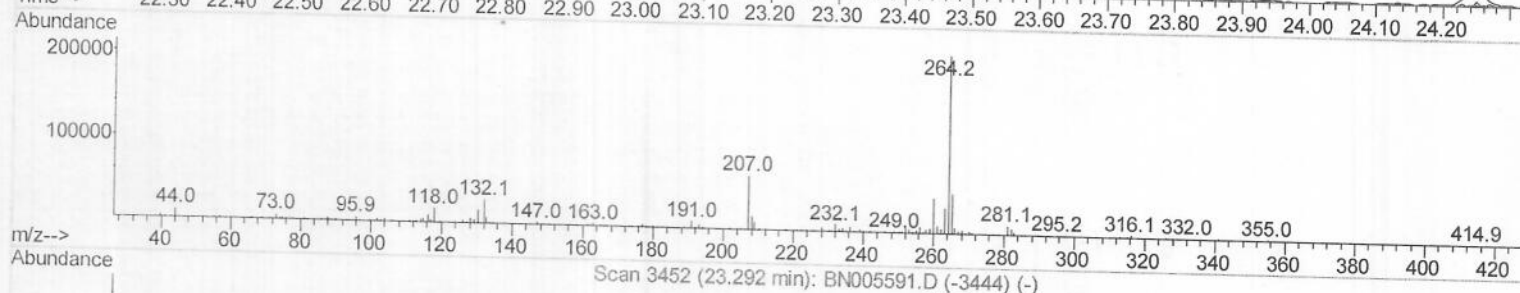
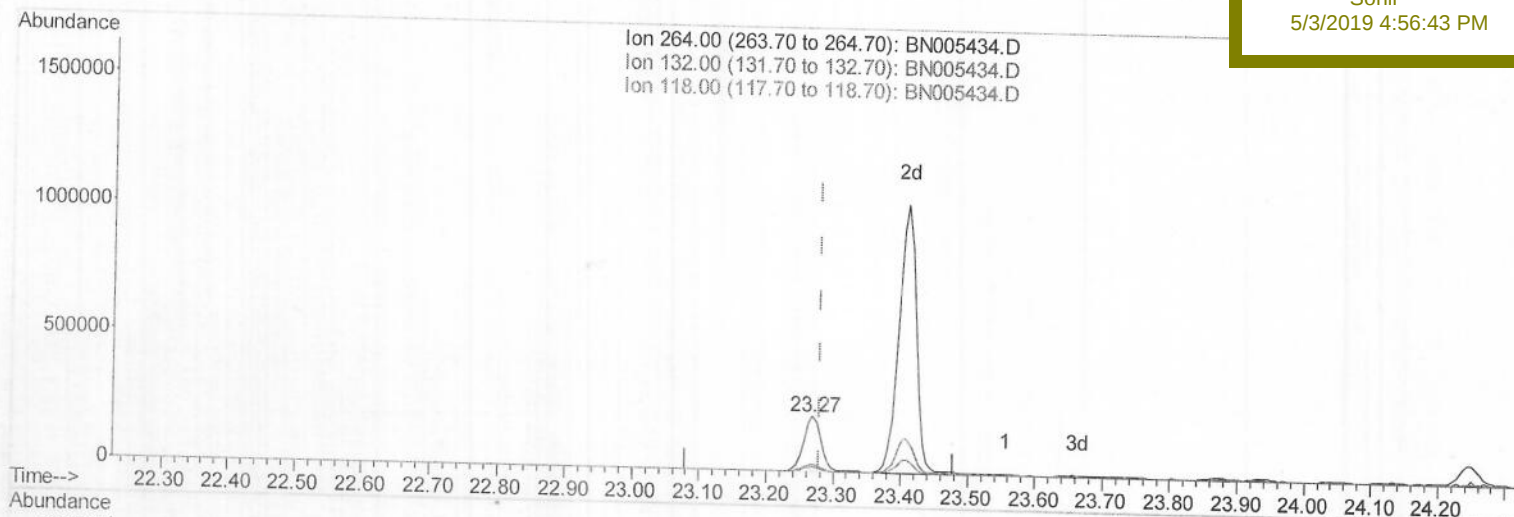
GAJ61

Manual Integrations

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(89) Benzo(a)pyrene-d12 (S)

23.268min (-0.012) 4.62ng/ul m

response 380388

Ion	Exp%	Act%
264.00	100	100
132.00	16.60	13.56
118.00	10.40	8.18#
0.00	0.00	0.00

JU 05/12/19

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ALS Vial : 19 Sample Multiplier: 1

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Instrument :

BNA_N

ClientSampleId :

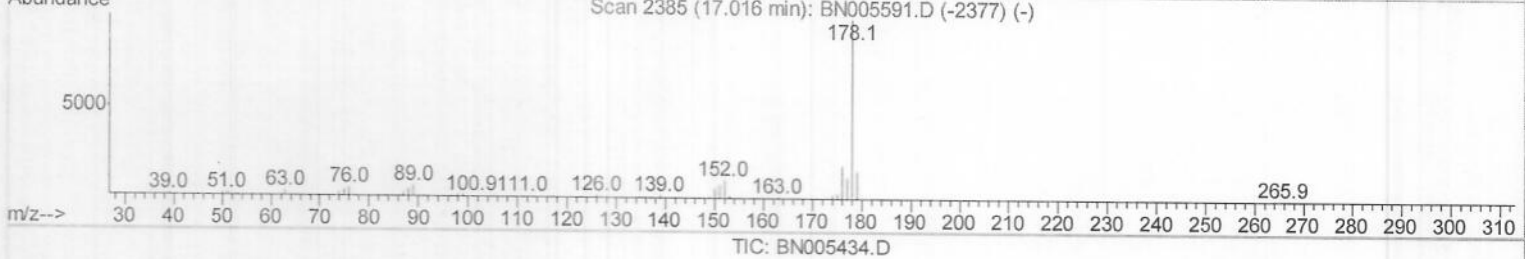
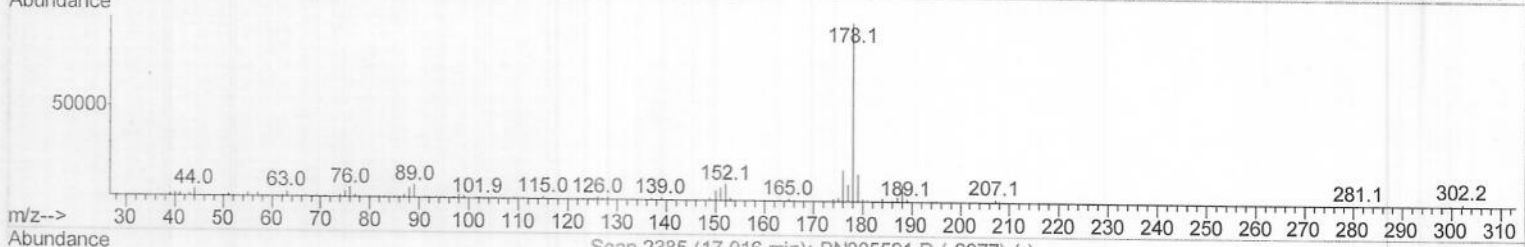
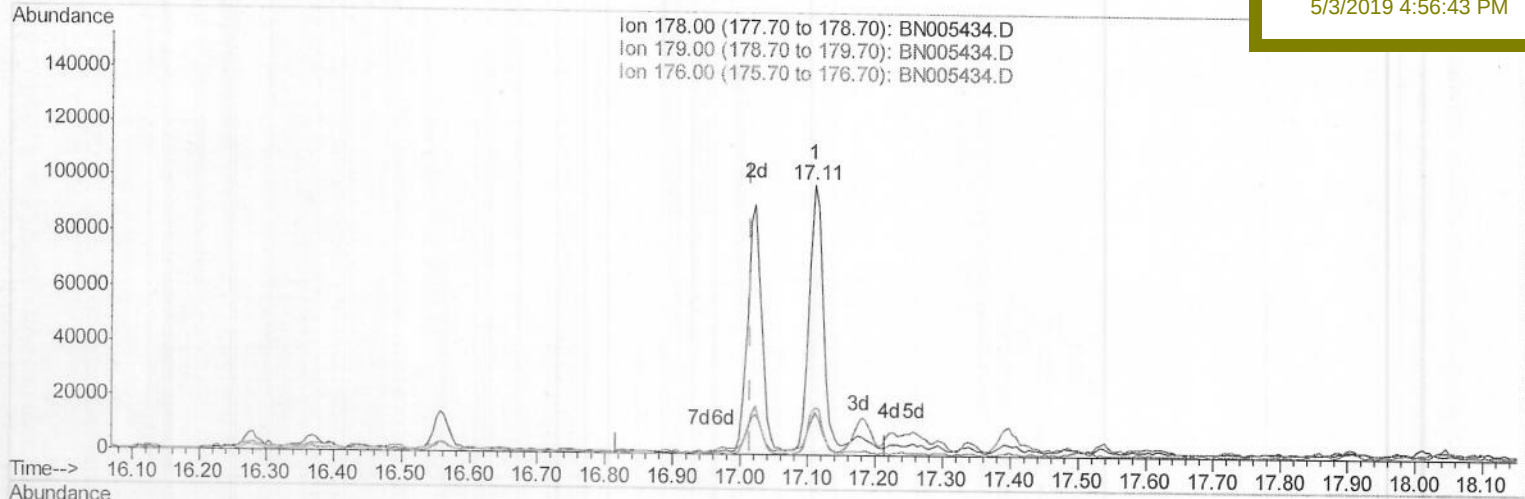
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Manual Integrations

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(69) Phenanthrene

17.110min (+0.094) 6.26ng/ul

response 142664

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.93
176.00	18.90	17.94
0.00	0.00	0.00

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Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

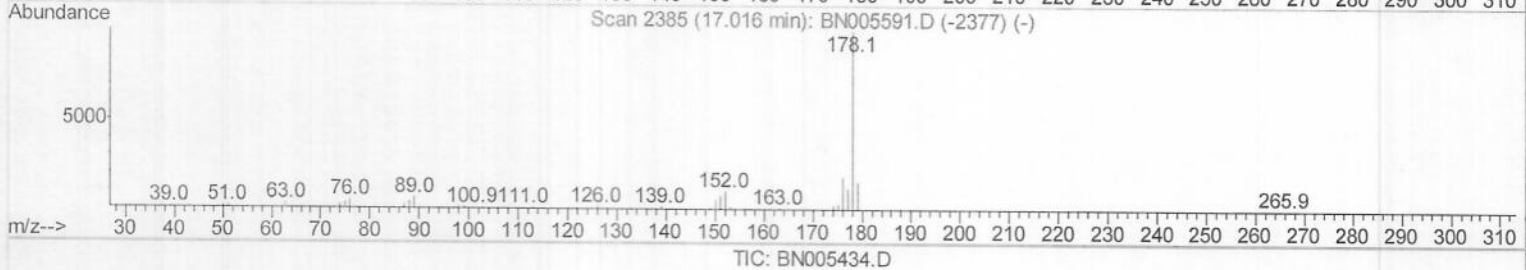
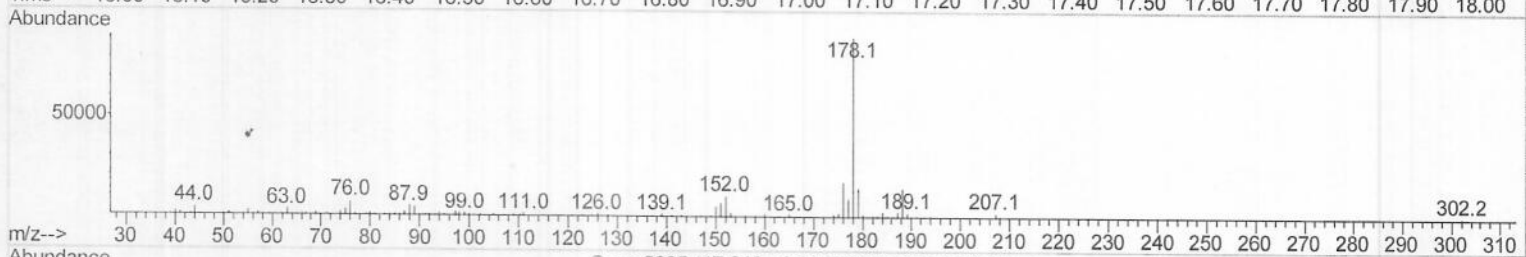
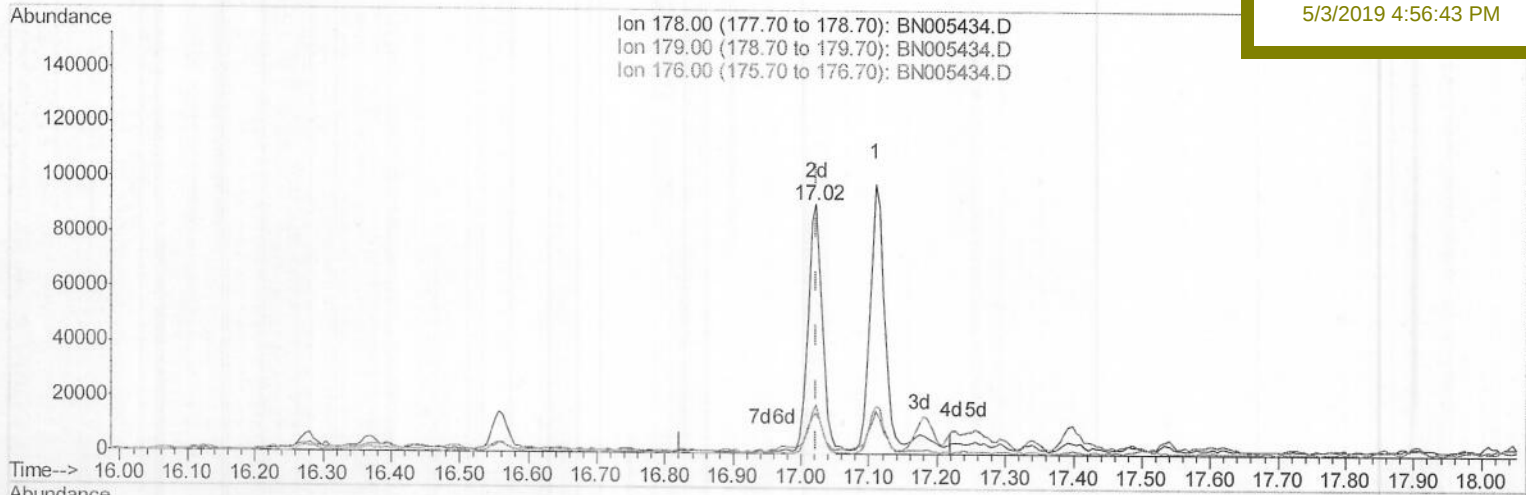
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(69) Phenanthrene

17.022min (-0.000) 1.18ng/ul m

JU00512119

response 132989

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.09
176.00	18.90	19.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

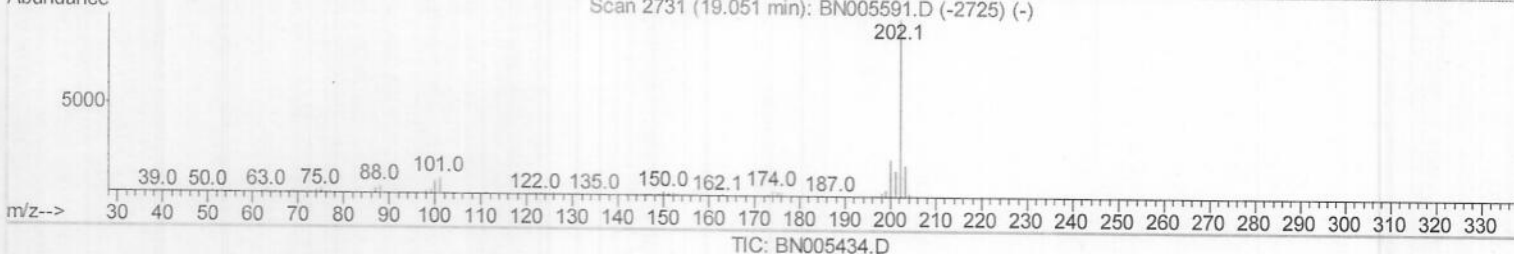
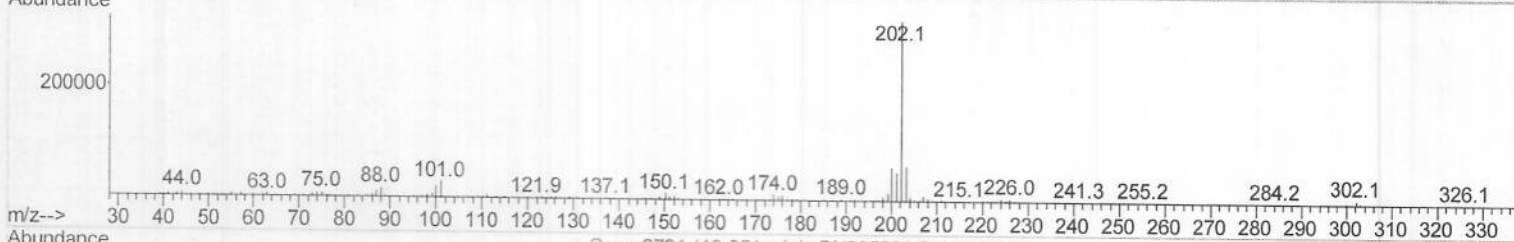
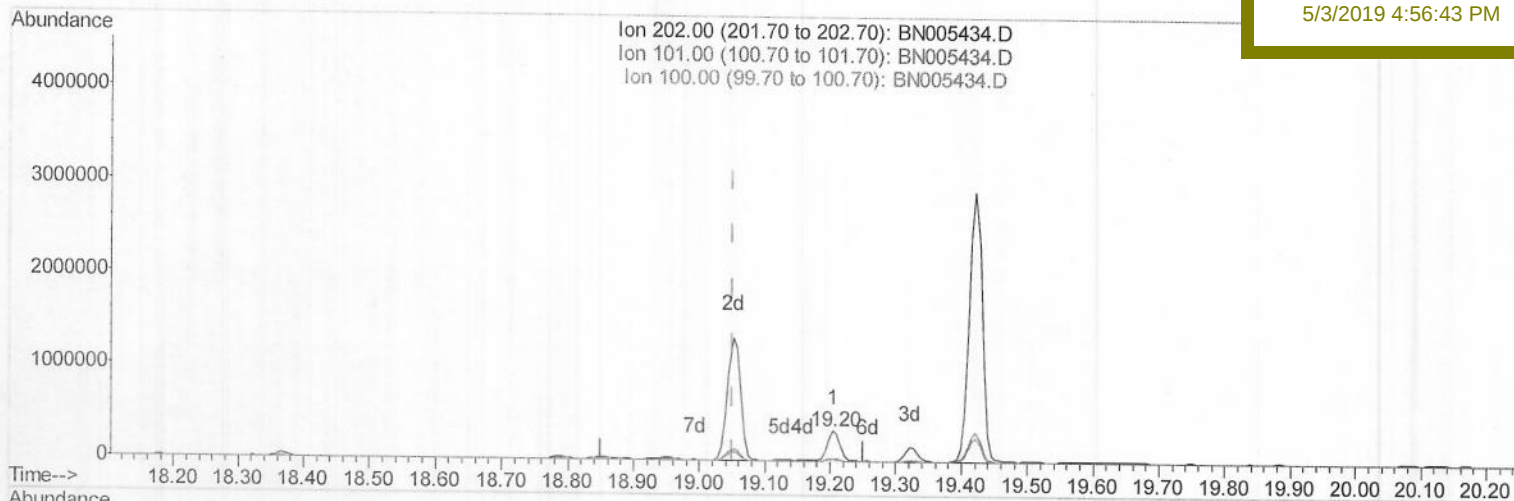
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(76) Fluoranthene (C)

19.204min (+0.153) 16.87ng/ul

response 426341

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	8.70
100.00	7.90	6.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

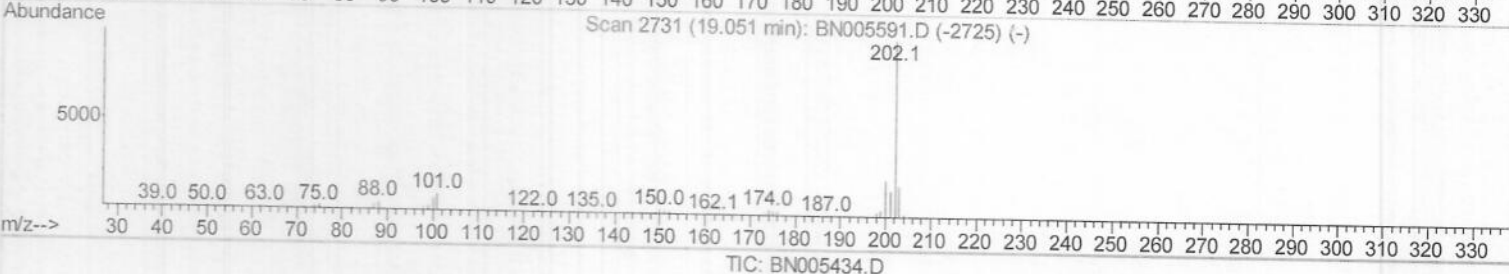
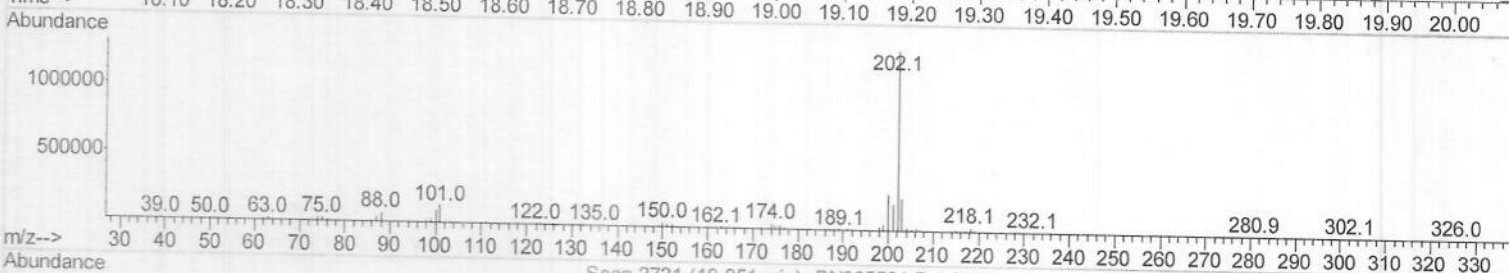
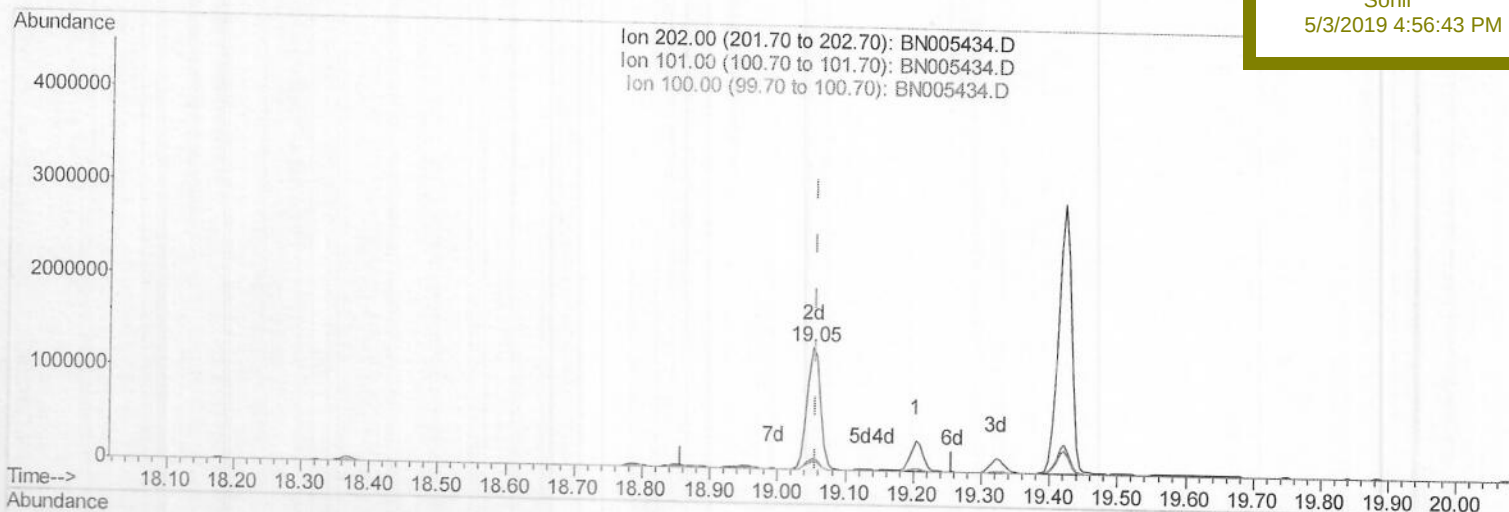
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(76) Fluoranthene (C)

19.051min (-0.006) 14.46ng/ul m > 50512119

response 1808607

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	9.30
100.00	7.90	7.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

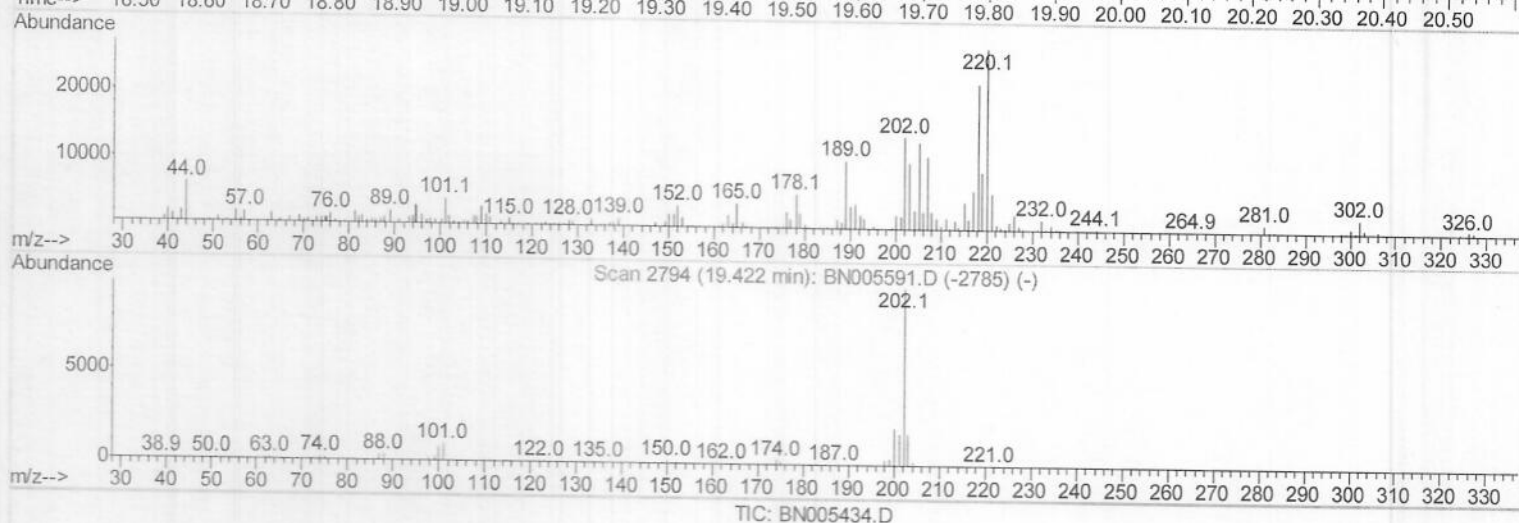
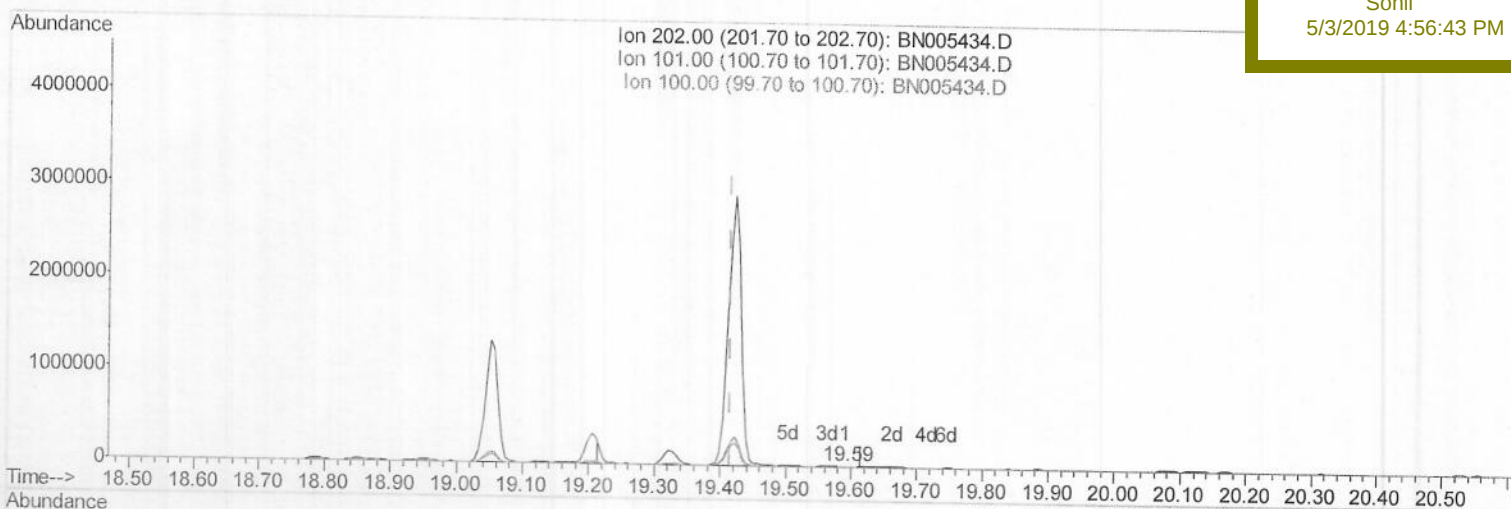
ClientSampleId :

GAJ61

Manual Integrations
APPROVED

Sohil

5/3/2019 4:56:43 PM



(79) Pyrene

19.592min (+0.176) 41.52ng/ul

response 6534

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	28.70#
100.00	9.90	6.53#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

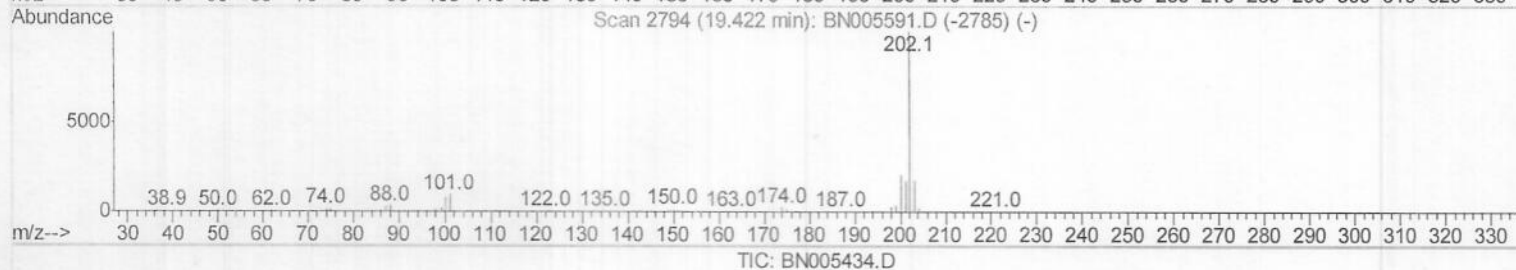
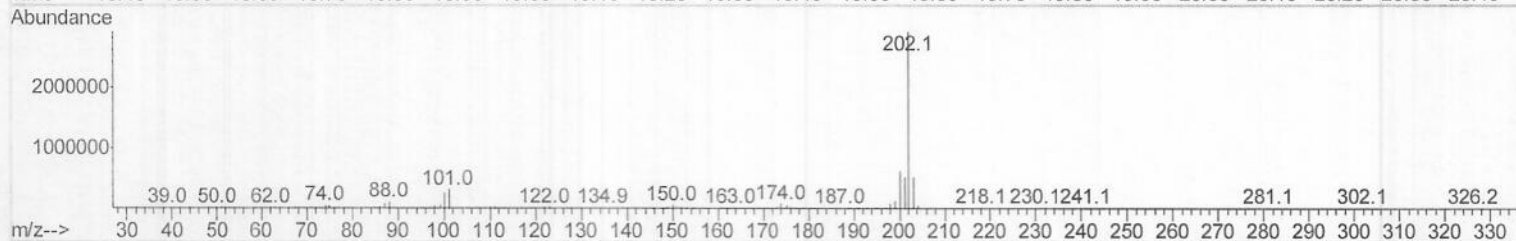
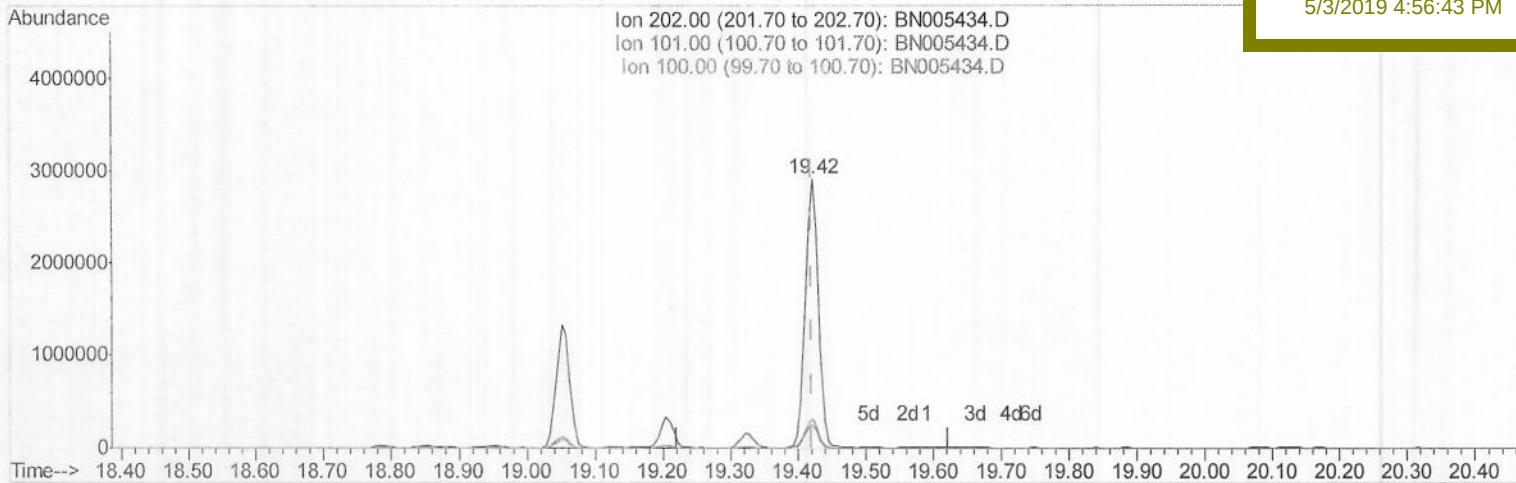
ClientSampleId :

GAJ61

Manual Integrations
APPROVED

Sohil

5/3/2019 4:56:43 PM



(79) Pyrene

19.422min (-0.000) 32.92ng/ul m) JVO5/12/19

response 3911085

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	10.75
100.00	9.90	8.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

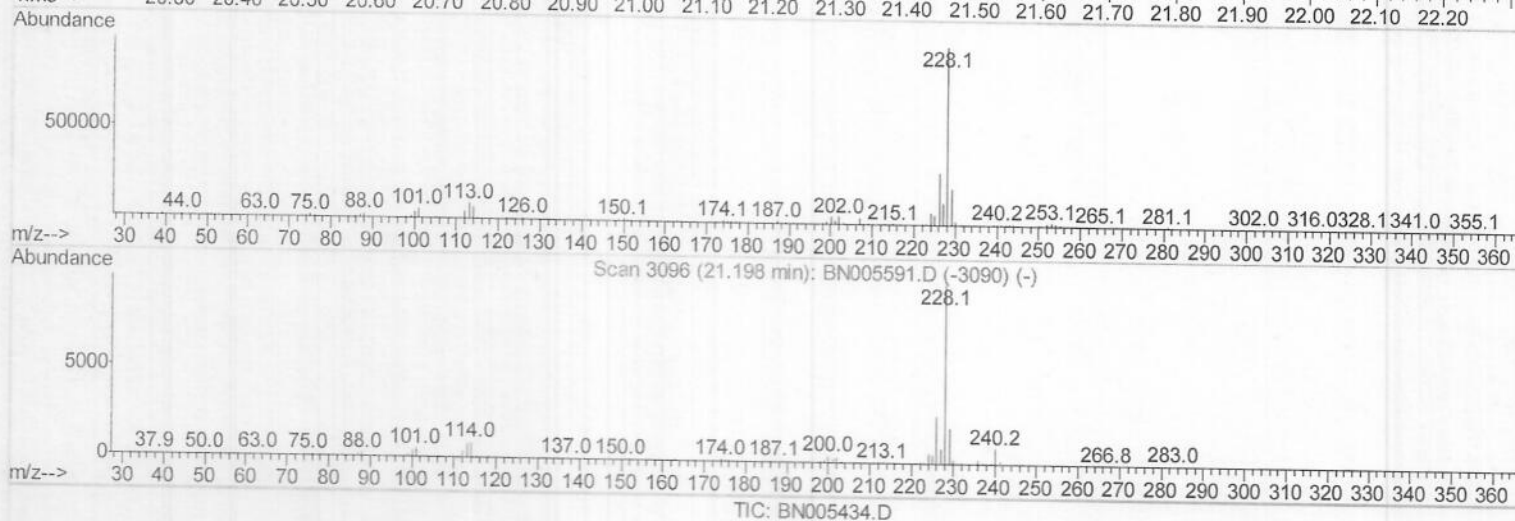
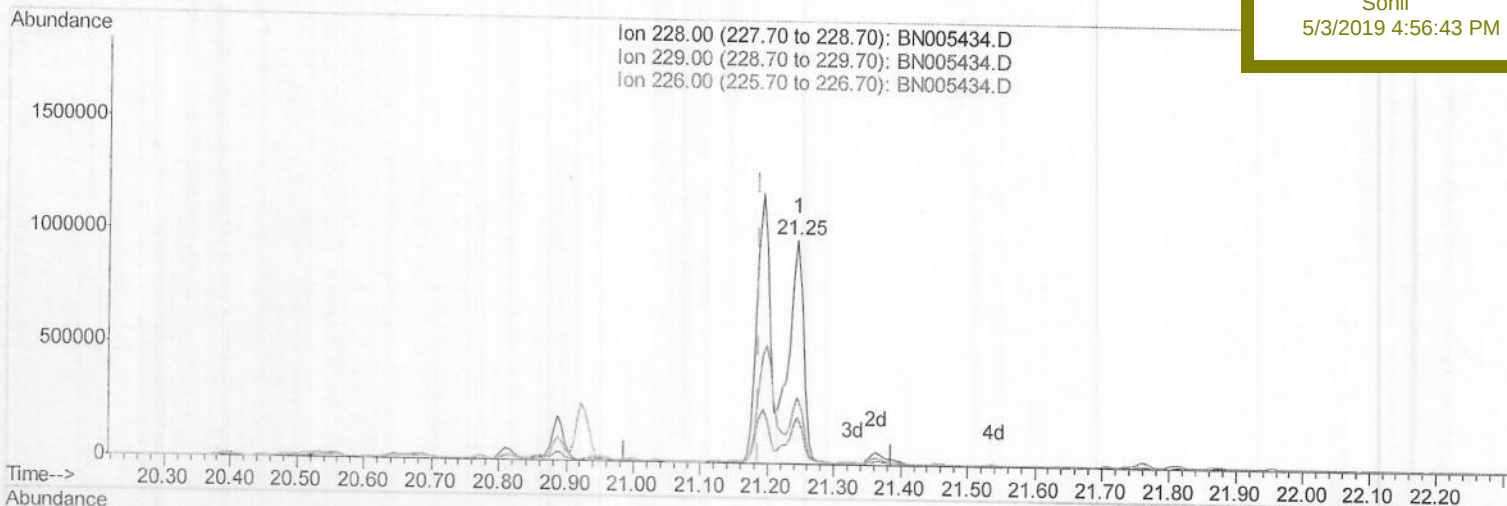
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(82) Benzo(a)anthracene

21.245min (+0.059) 9535.44ng/ul

response 1449787

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.76
226.00	26.80	29.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

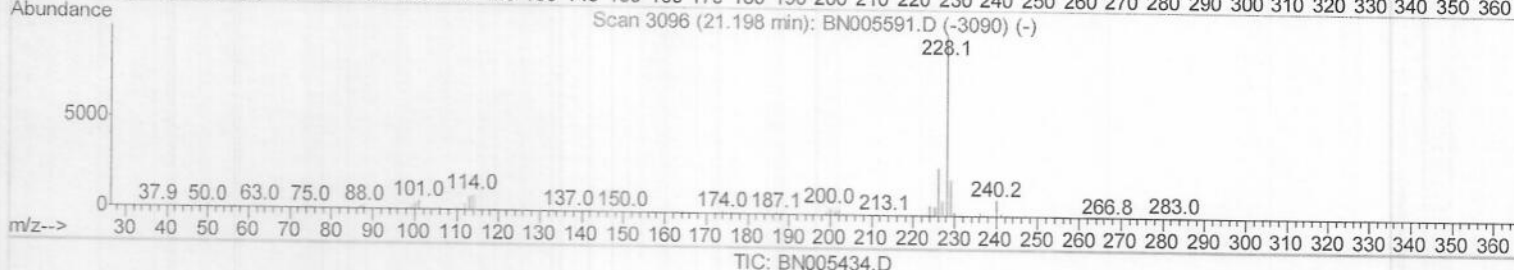
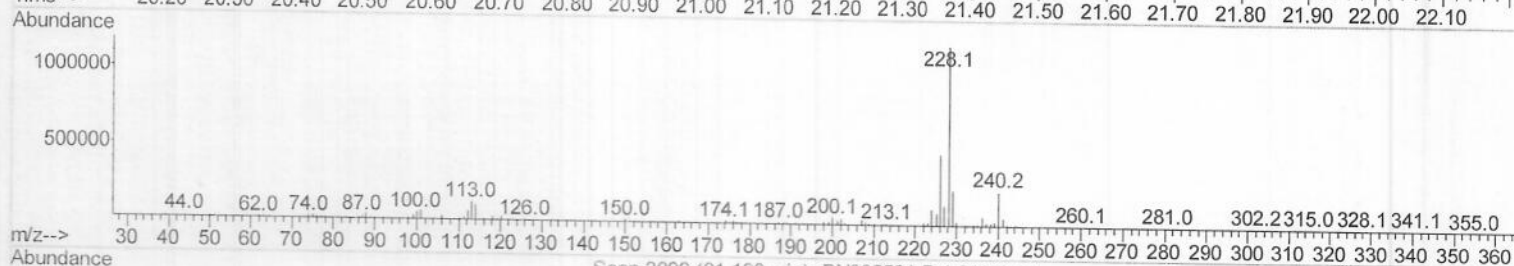
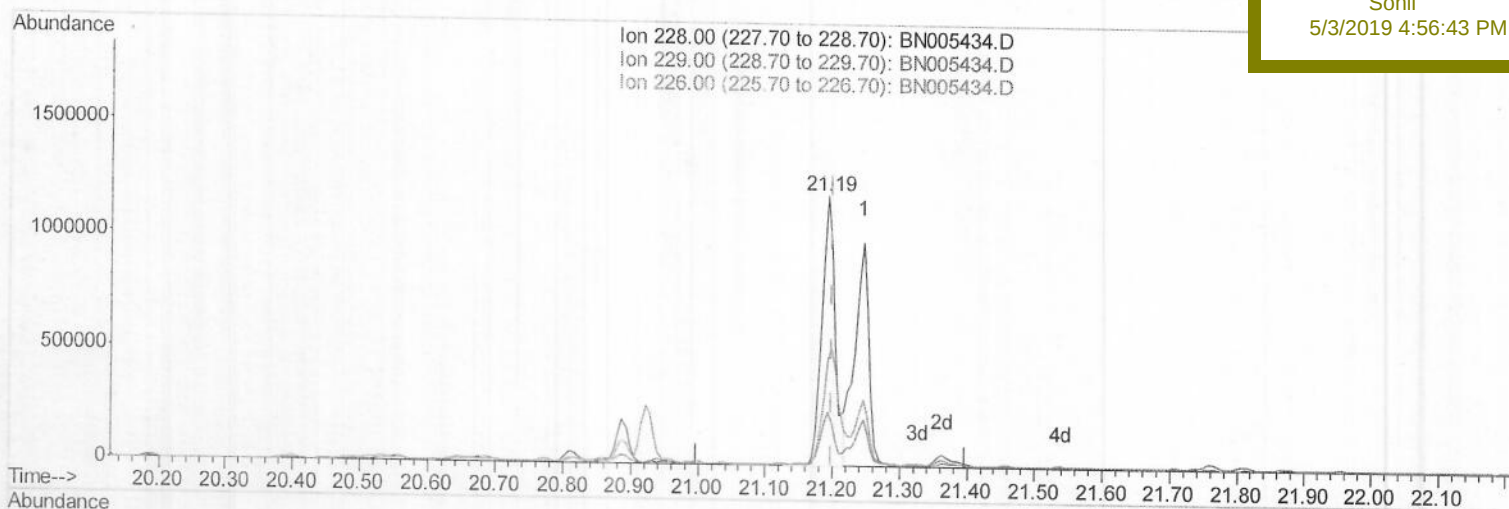
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(82) Benzo(a)anthracene

21.192min (-0.006) 14.47ng/ul m) 300512119

response 1660941

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.22
226.00	26.80	39.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

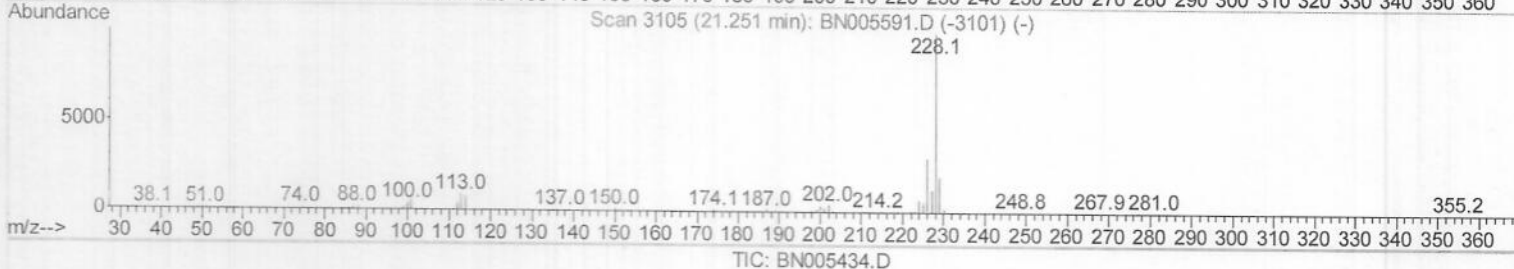
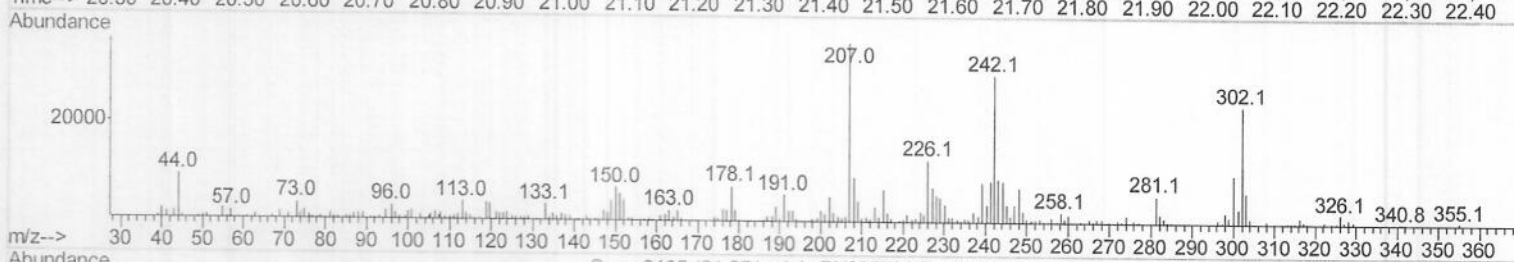
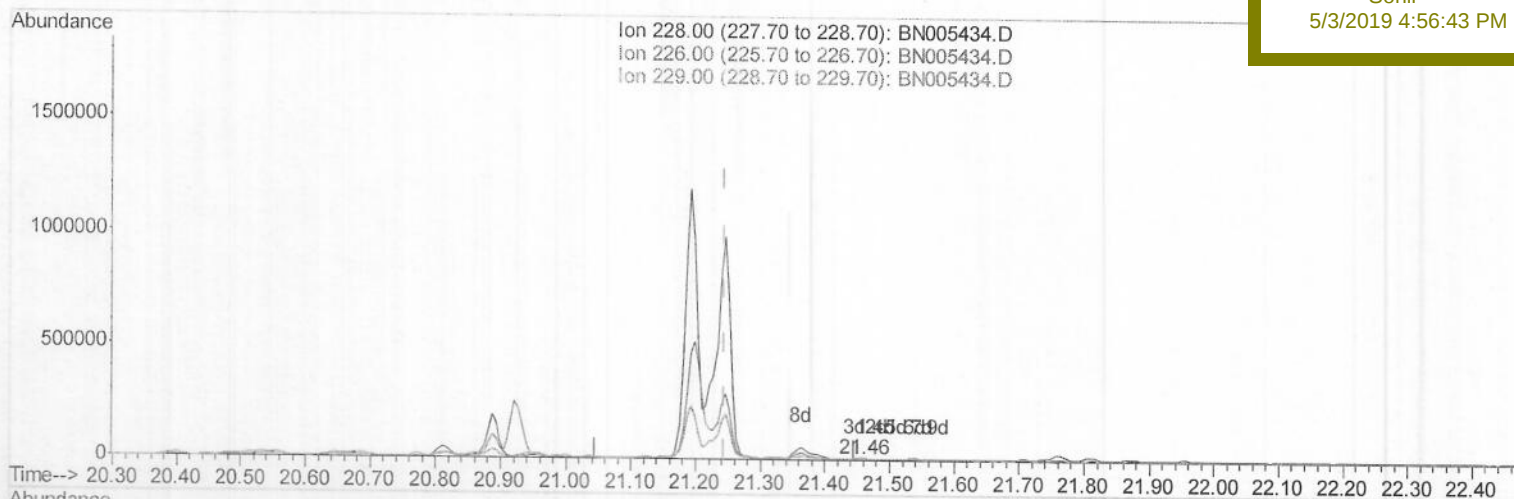
ClientSampled :

GAJ61

Manual Integrations
APPROVED

Sohil

5/3/2019 4:56:43 PM



(84) Chrysene

21.457min (+0.212) 7.13ng/ul

response 1006

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	223.92#
229.00	19.20	91.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

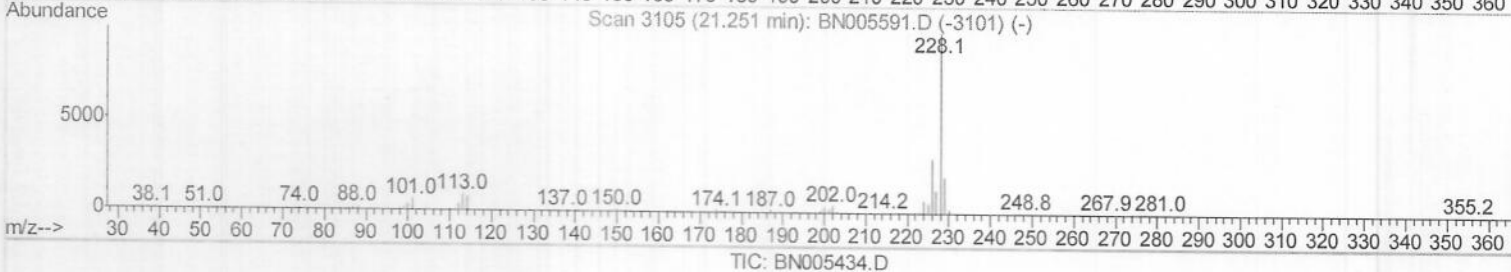
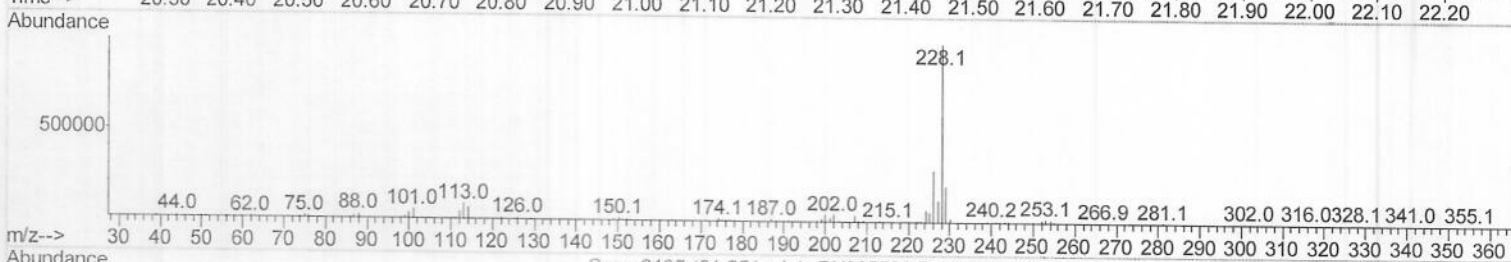
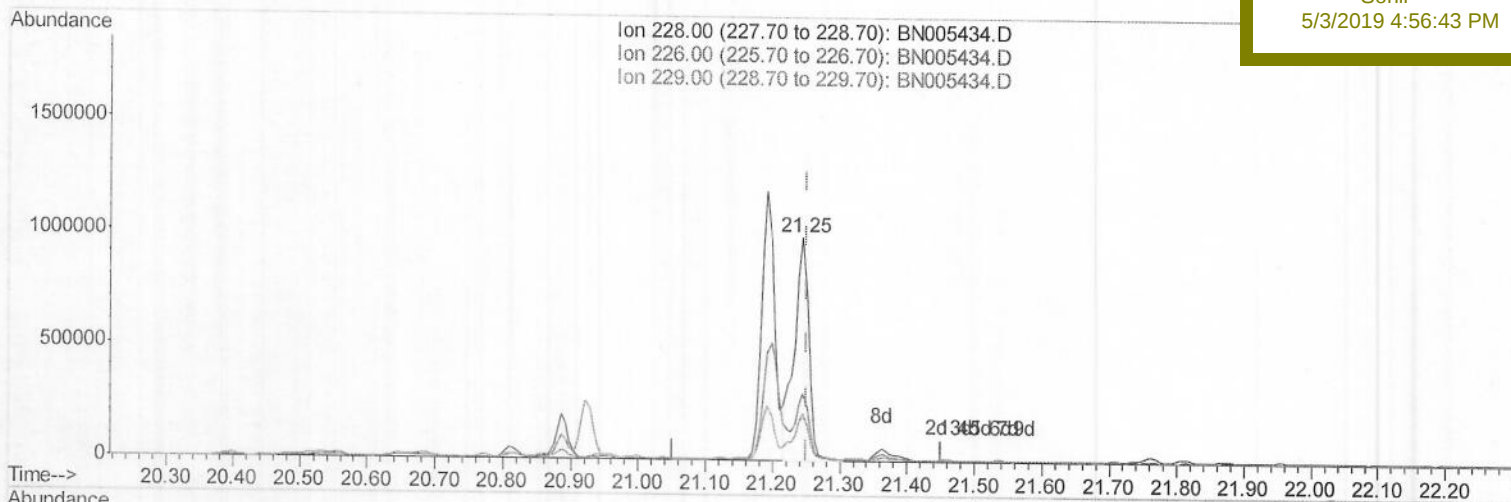
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(84) Chrysene

21.245min (-0.006) 13.88ng/ul m) 500512119

response 1478536

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.51
229.00	19.20	20.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

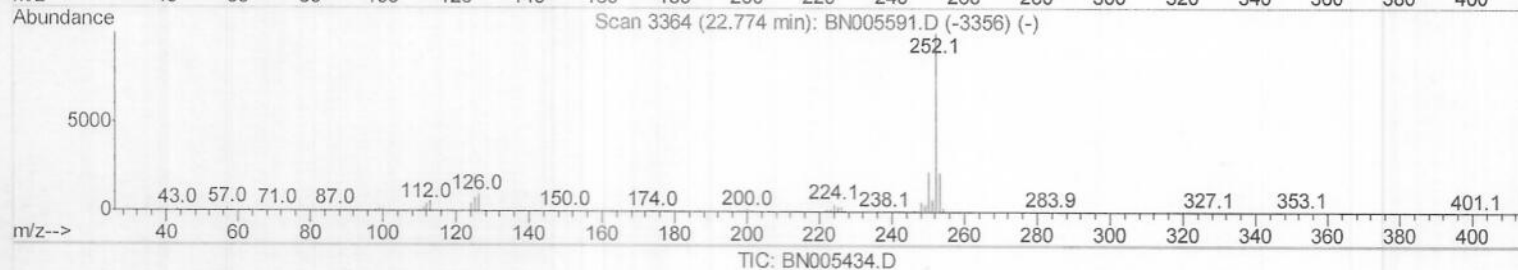
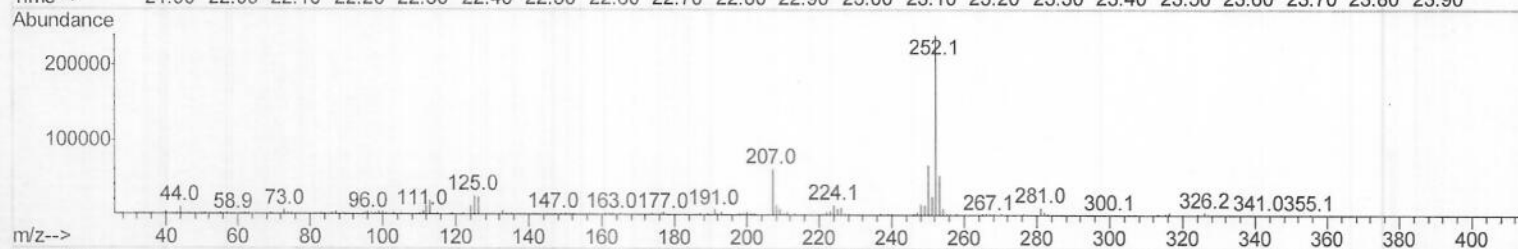
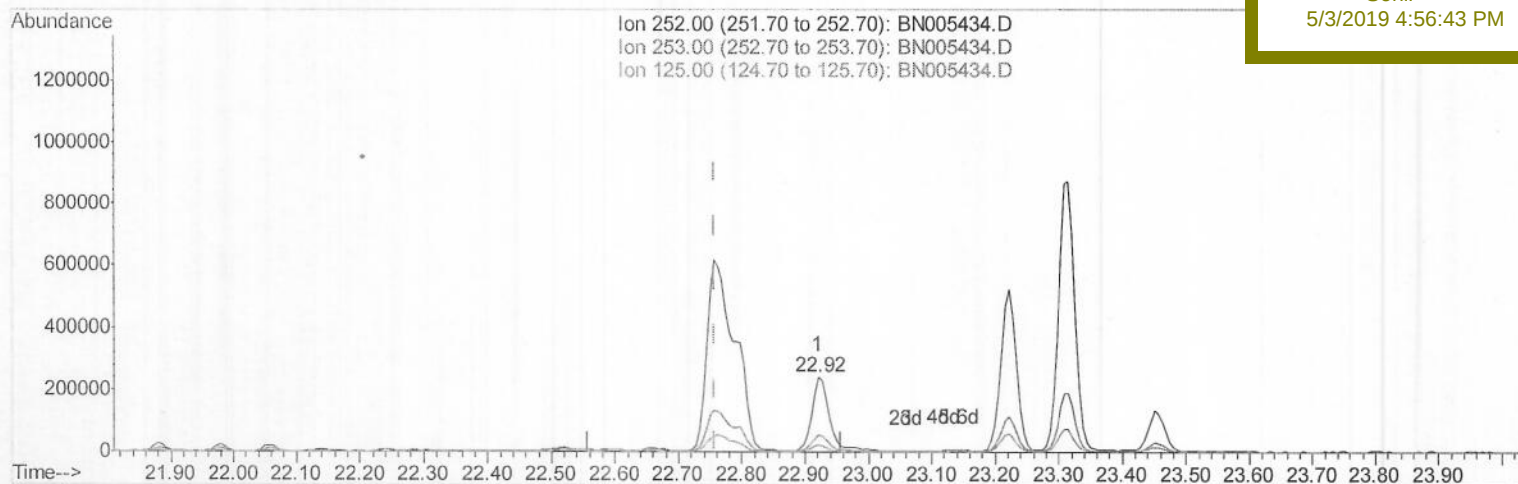
ClientSampled :

GAJ61

Manual Integrations
APPROVED

Sohil

5/3/2019 4:56:43 PM



(87) Benzo(b)fluoranthene

22.921min (+0.165) 589.34ng/ul

response 454227

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.34
125.00	10.50	10.46
0.00	0.00	0.00

Quantitation Report (Qedit)

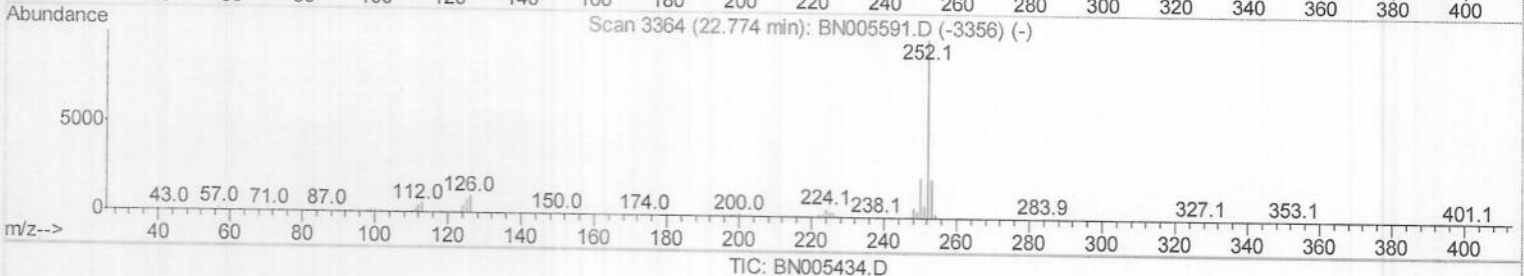
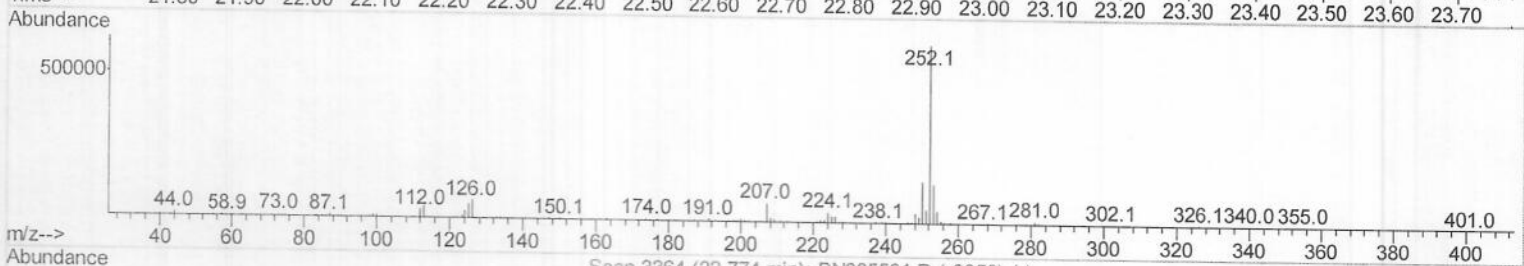
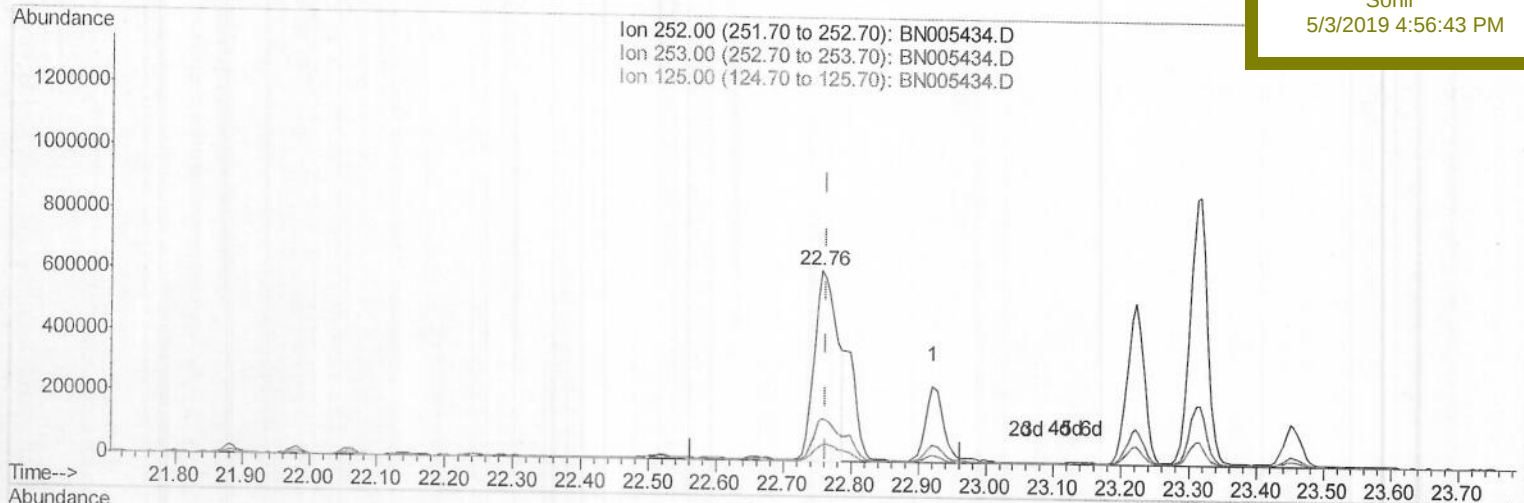
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\
 Data File : BN005434.D
 Acq On : 03 May 2019 02:30
 Operator : JU/SJ
 Sample : K2603-09 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mav 03 05:50:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampled :
 GAJ61

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:43 PM



(87) Benzo(b)fluoranthene

22.757min (-0.006) 13.72ng/ul m) JU05/12/19

response 1451894

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.02
125.00	10.50	8.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

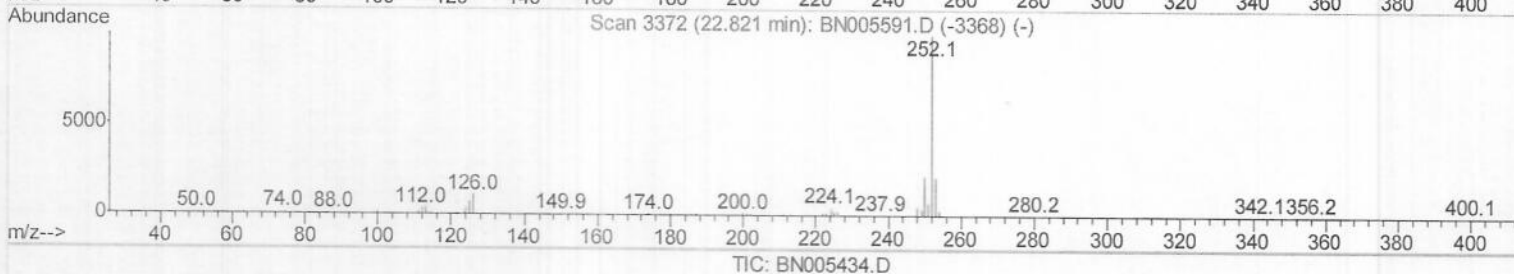
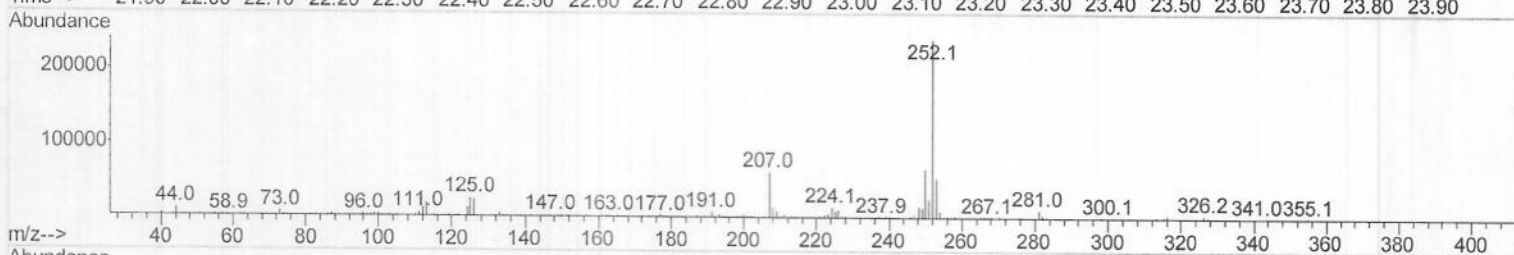
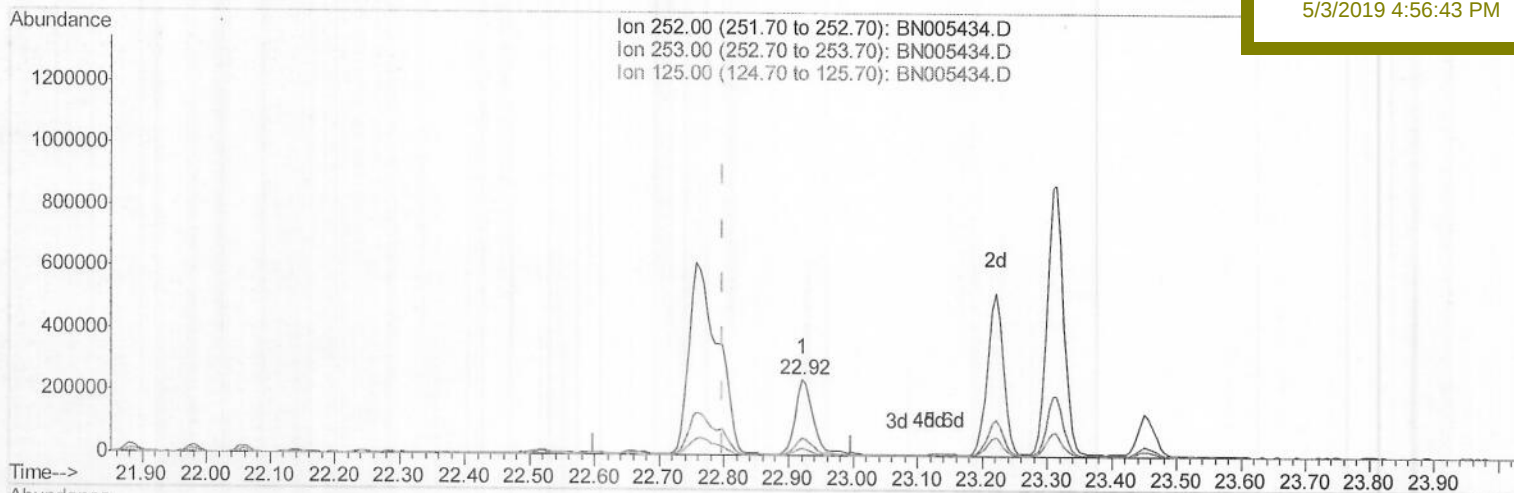
ClientSampleId :

GAJ61

Manual Integrations
APPROVED

Sohil

5/3/2019 4:56:43 PM



(88) Benzo(k)fluoranthene

22.921min (+0.123) 615.30ng/ul

response 452917

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.34
125.00	9.40	10.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mav 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

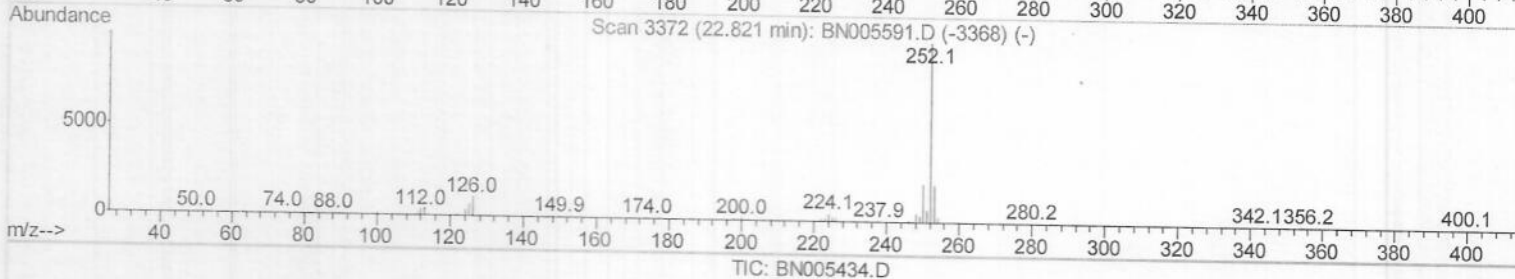
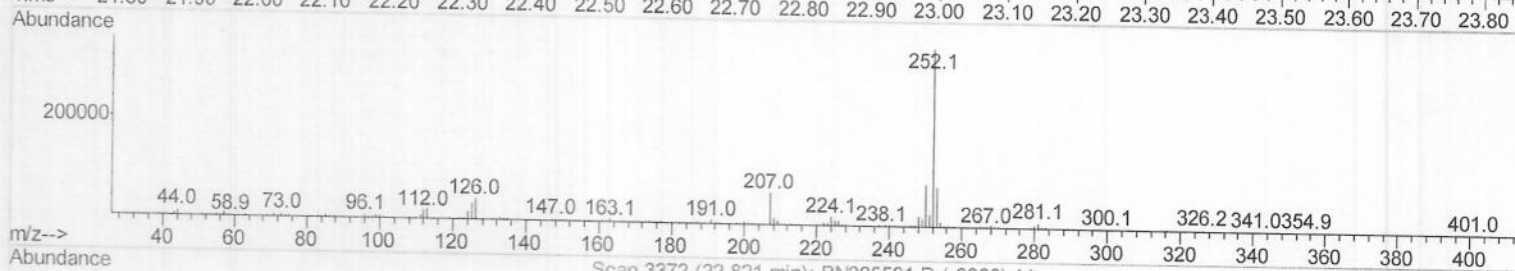
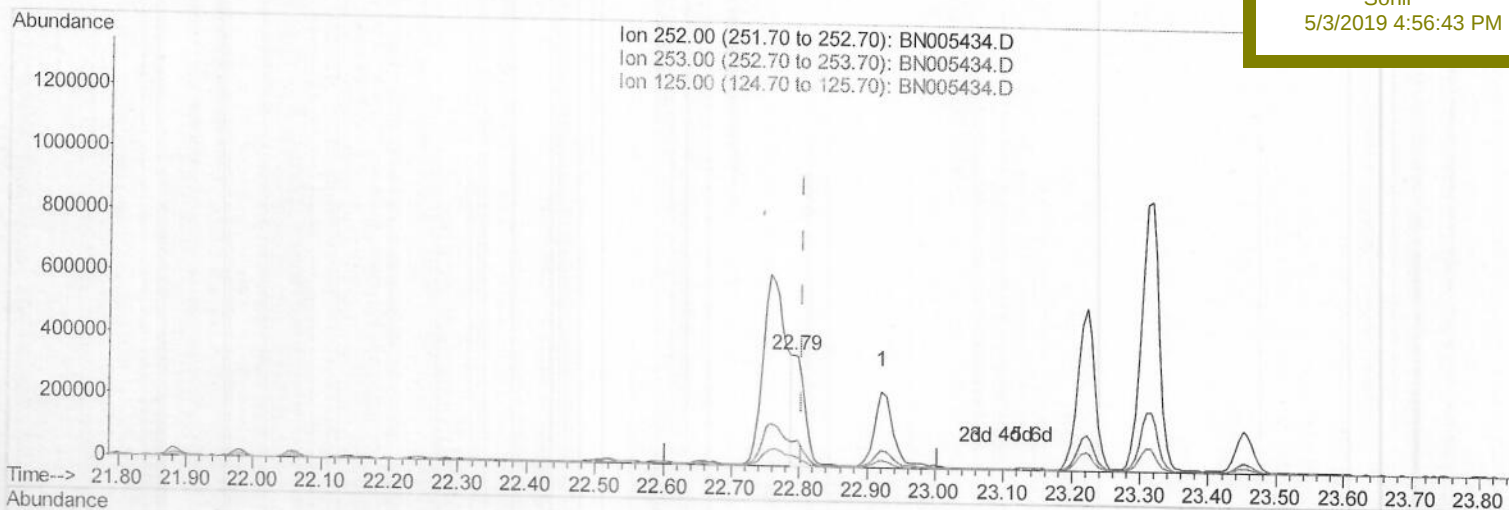
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(88) Benzo(k)fluoranthene

22.792min (-0.012) 4.51ng/ul m) JVO5112119

response 455527

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.13
125.00	9.40	8.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

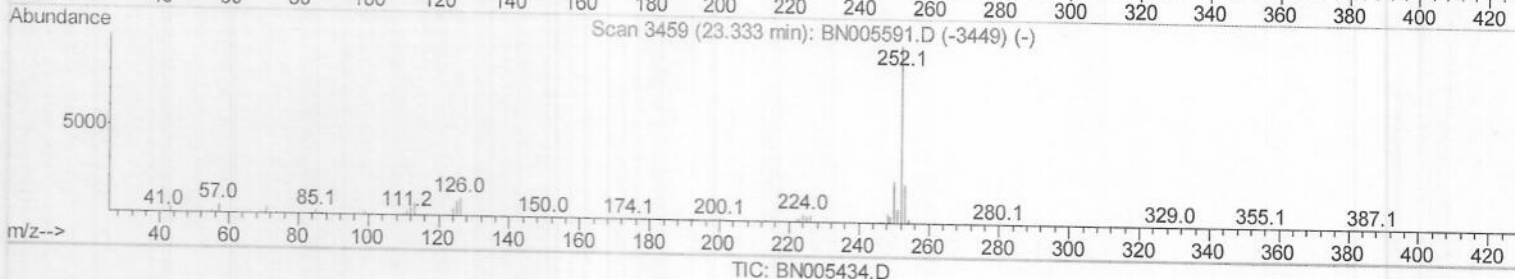
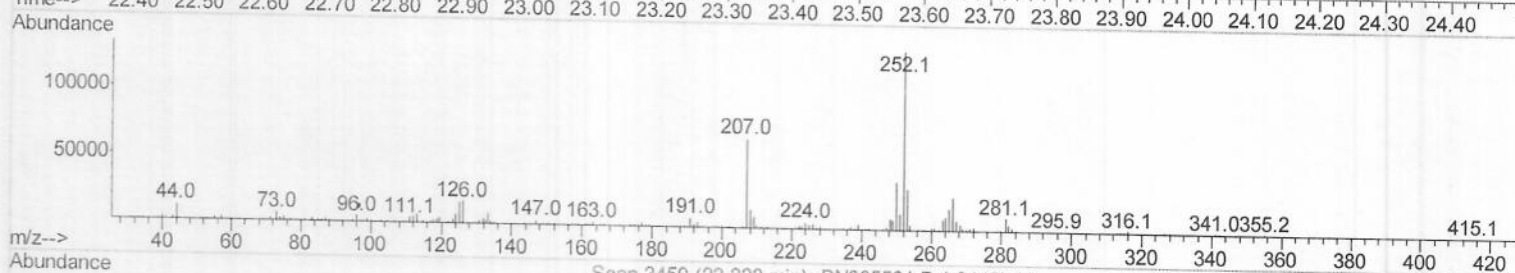
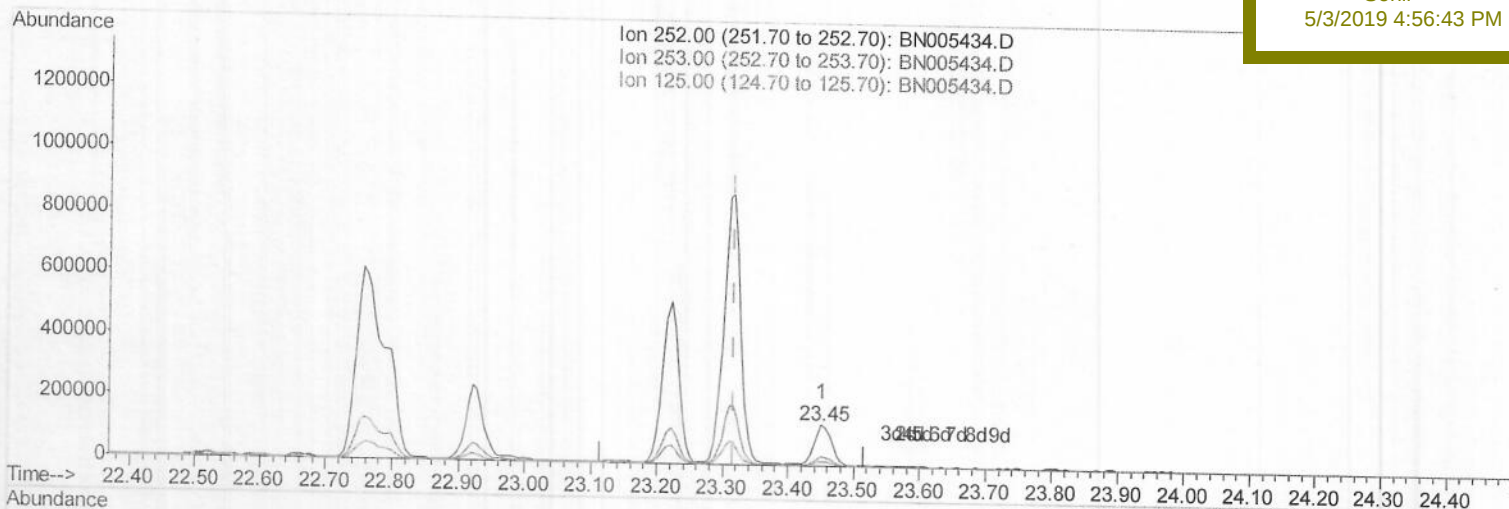
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



(90) Benzo(a)pyrene (C)

23.451min (+0.135) 326.39ng/ul

response 236451

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.03
125.00	10.80	11.83
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

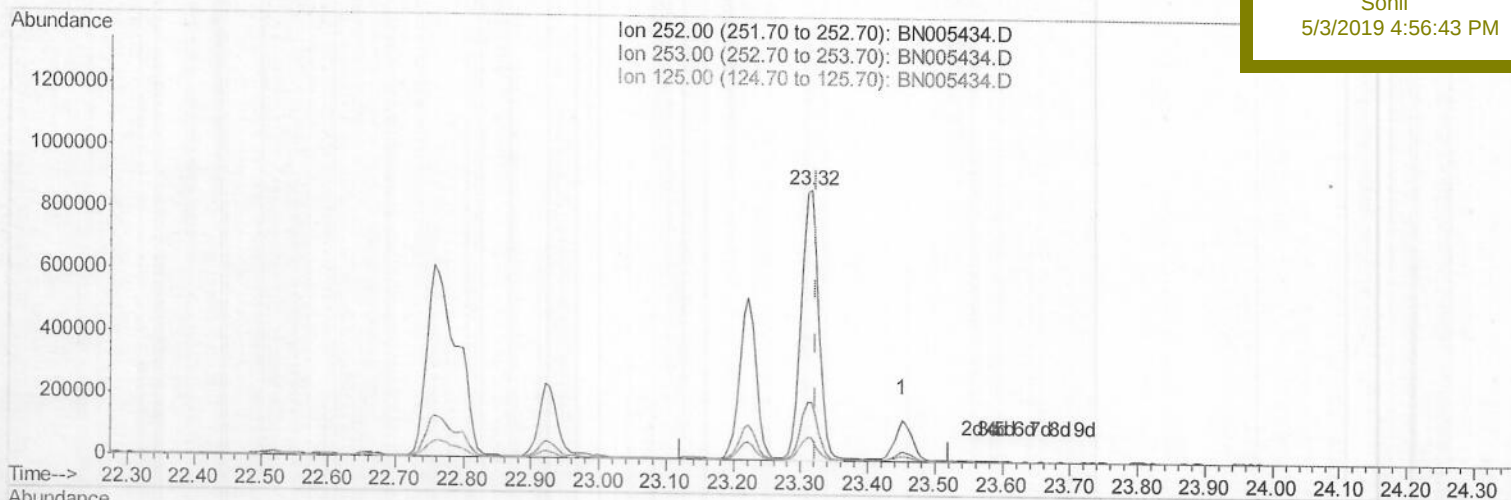
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

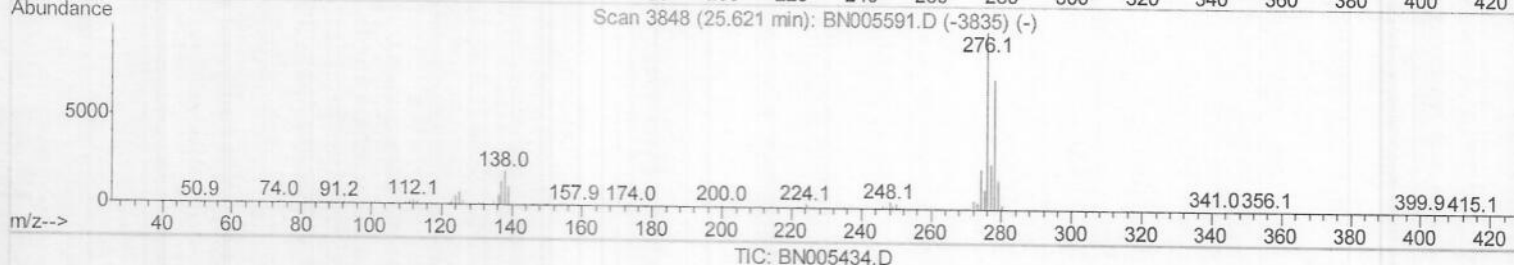
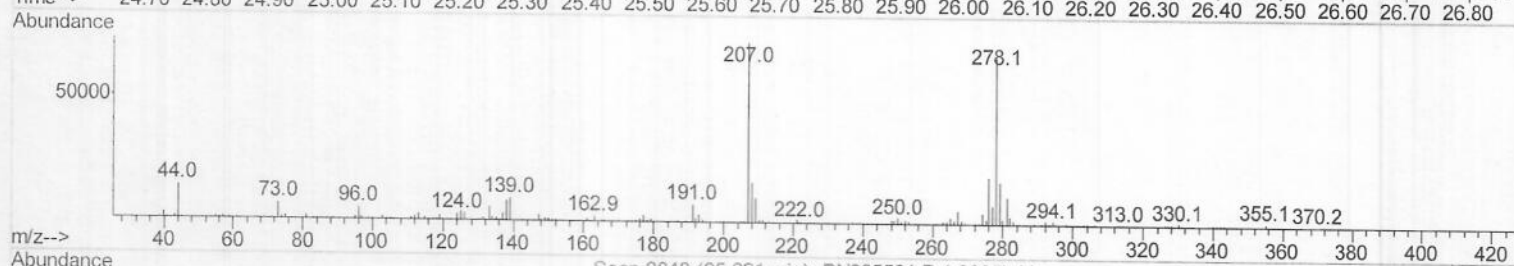
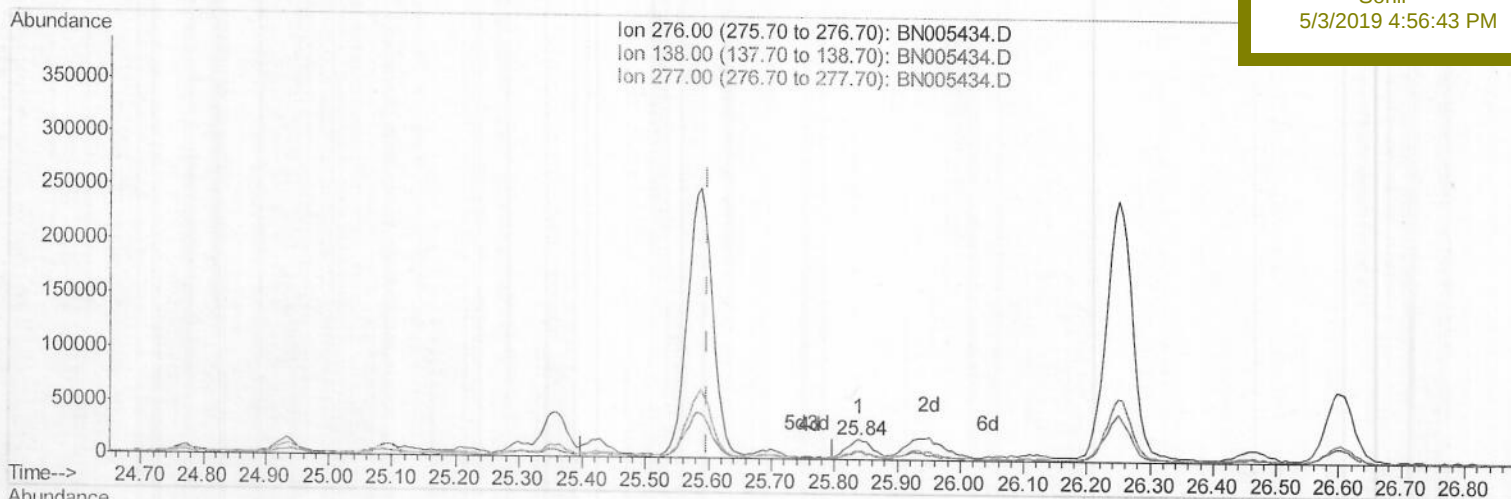
GAJ61

Manual Integrations

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Sohil

5/3/2019 4:56:43 PM



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

25.839min (+0.241) 56.10ng/ul

response 44937

Ion Exp% Act%

276.00 100 100

138.00 22.40 42.95#

277.00 24.60 41.26#

0.00 0.00 0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

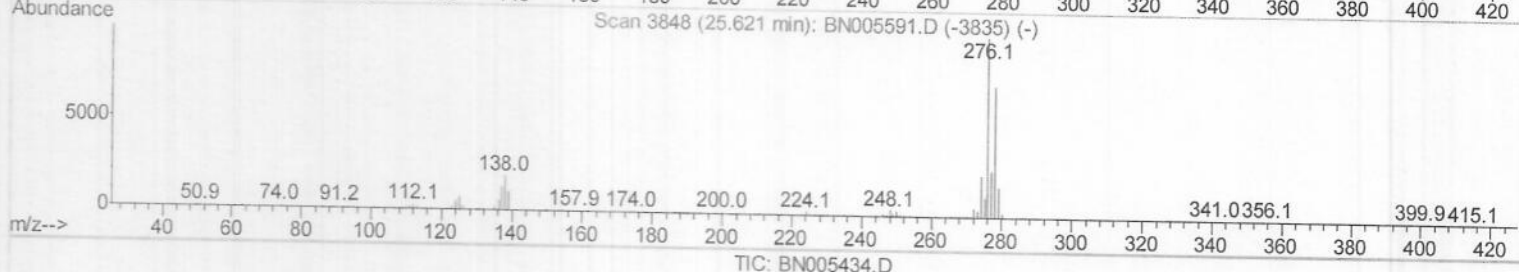
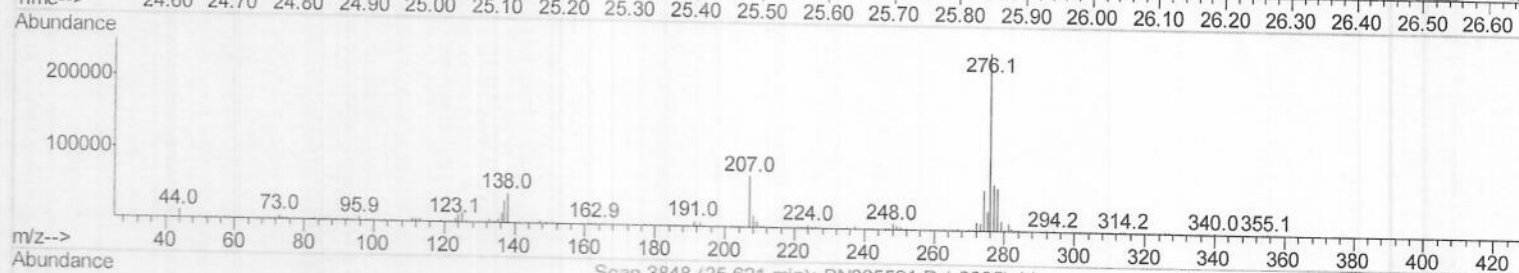
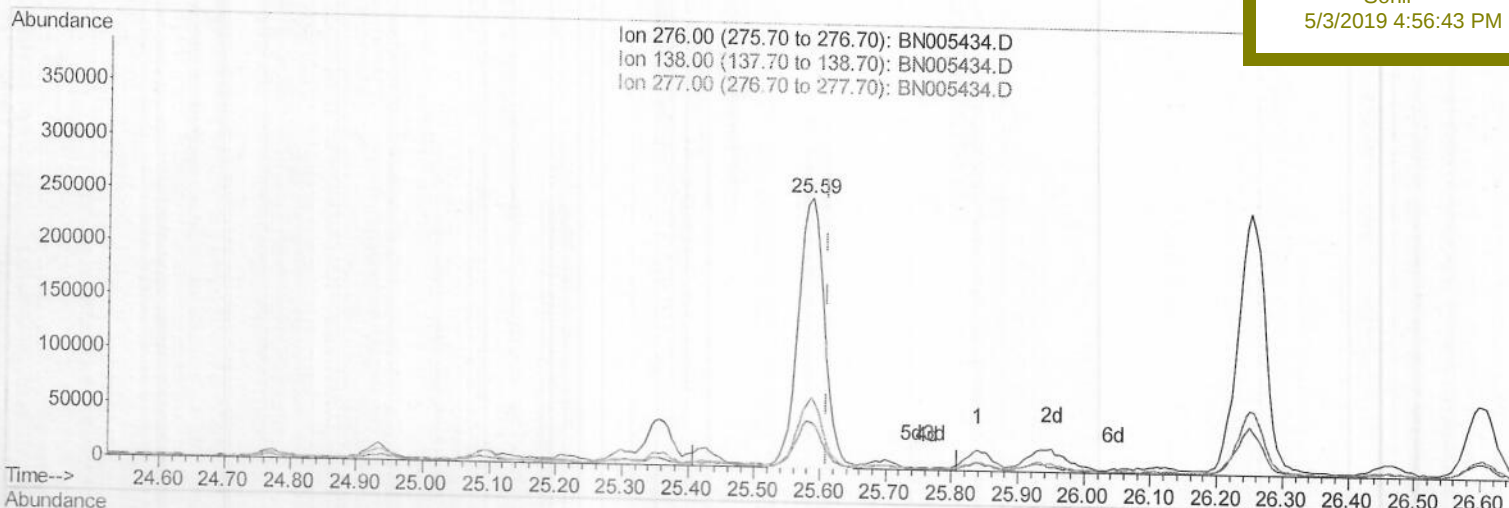
GAJ61

Manual Integrations

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Sohil

5/3/2019 4:56:43 PM



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

25.586min (-0.024) 6.29ng/ul m) 5005/12/19

response 691376

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	16.63#
277.00	24.60	25.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

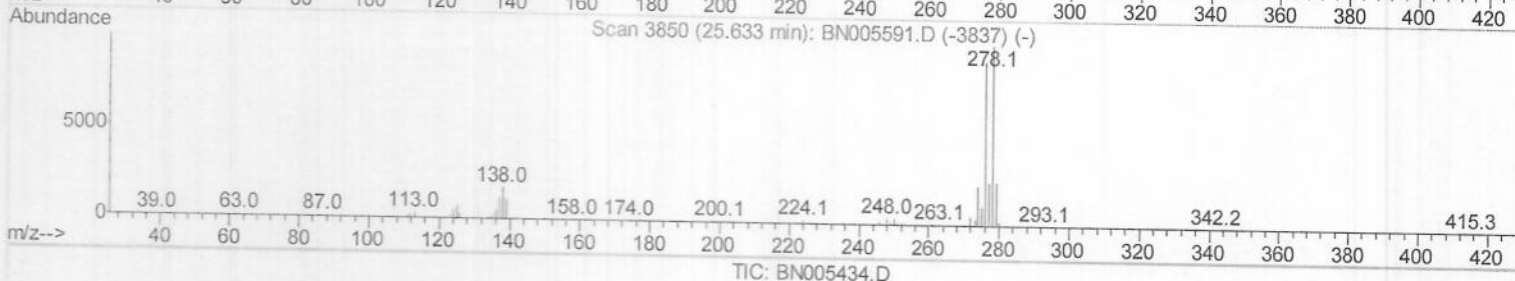
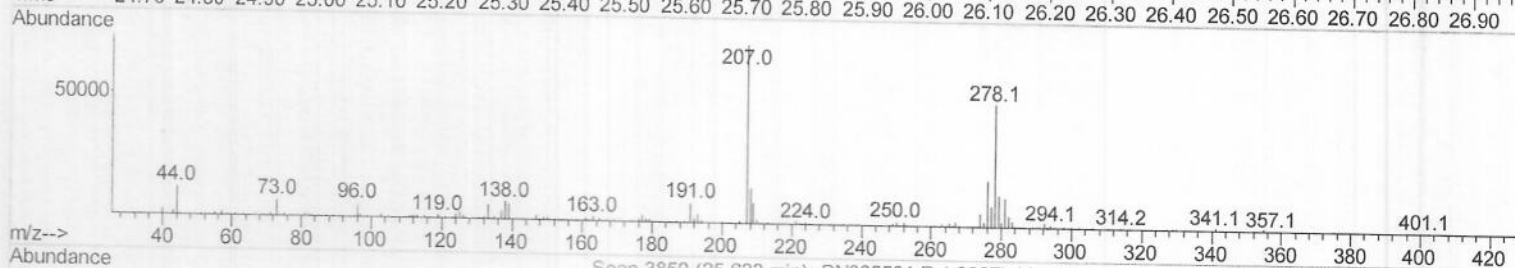
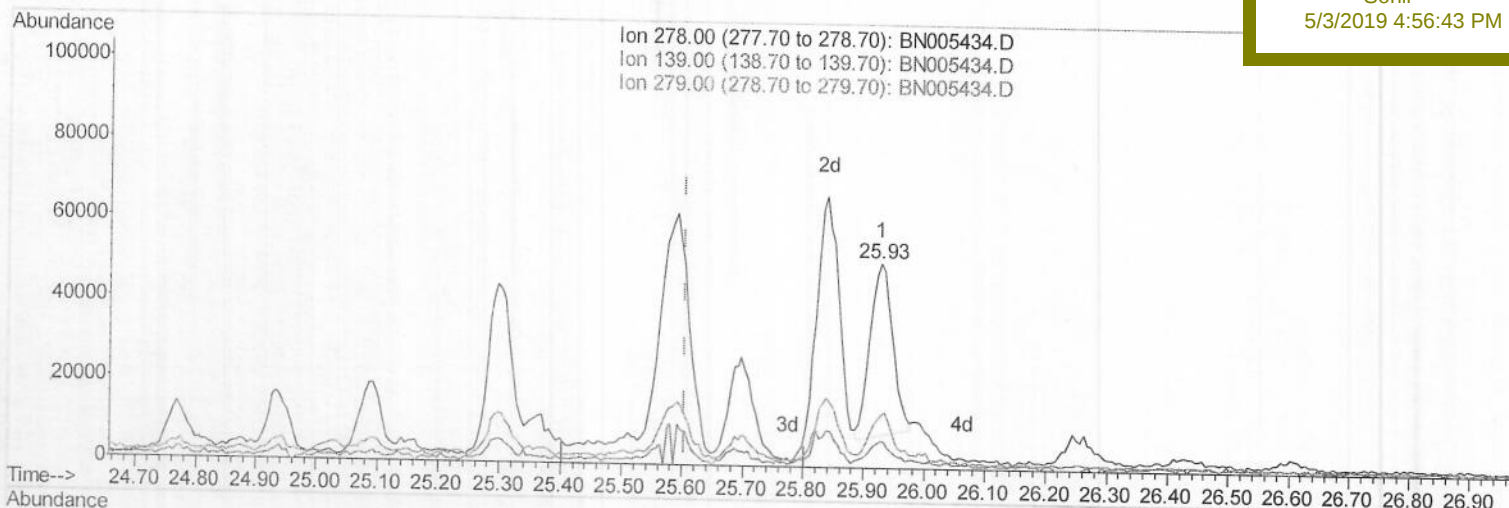
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Manual Integrations

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Sohil

5/3/2019 4:56:43 PM



(92) Dibenzo(a,h)anthracene

25.927min (+0.323) 162.70ng/ul

response 110596

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	13.47
279.00	24.20	25.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

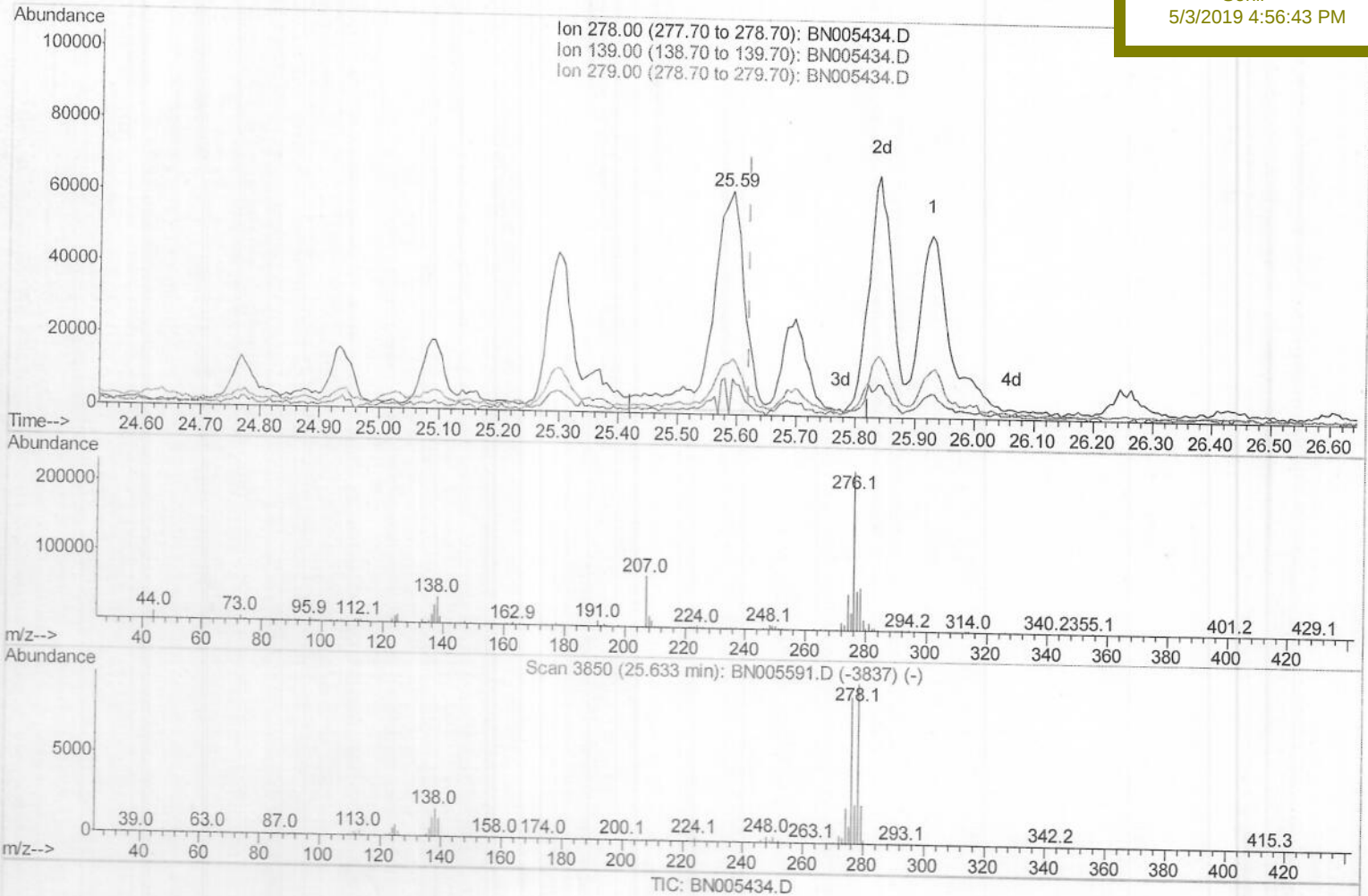
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Manual Integrations

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Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 13 08:02:13 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

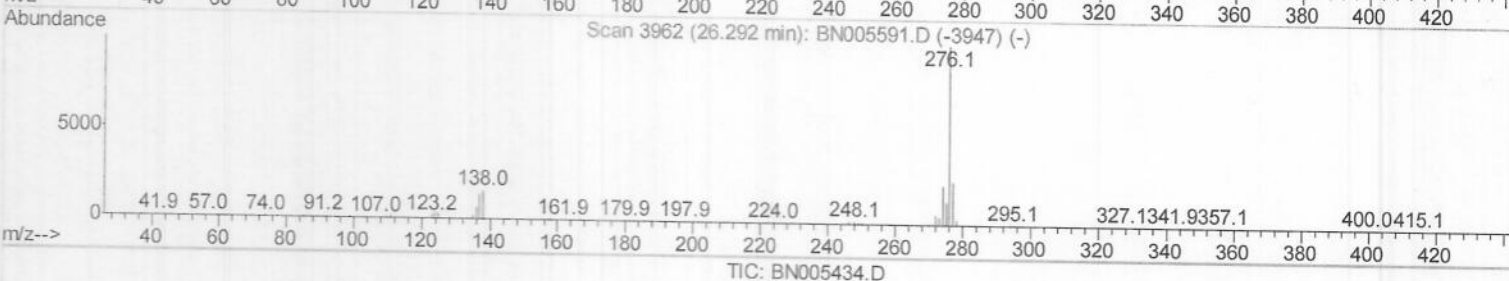
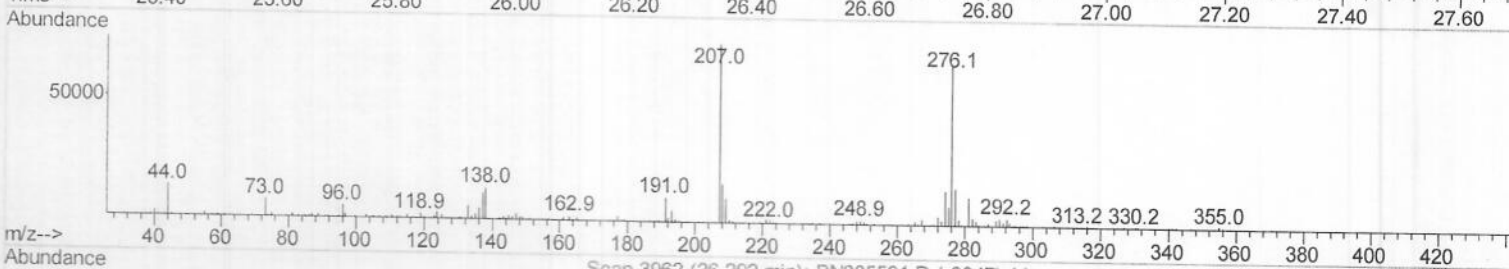
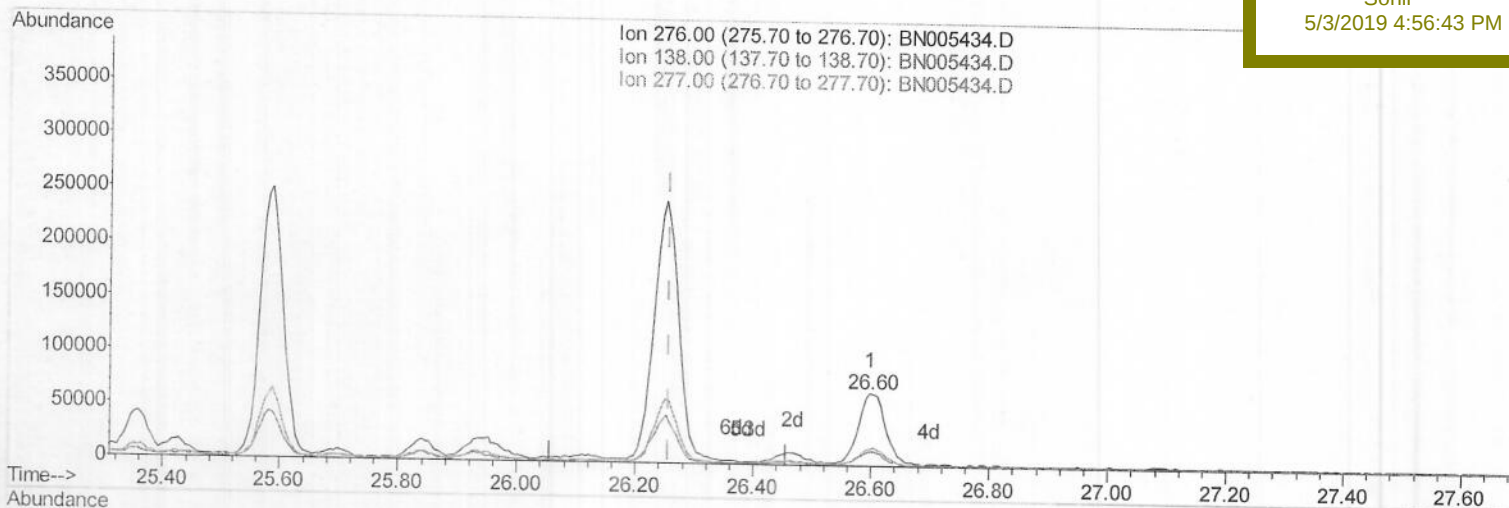
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



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

26.598min (+0.341) 316.45ng/ul

response 209578

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	19.61
277.00	22.70	23.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050219\

Data File : BN005434.D

Acq On : 03 May 2019 02:30

Operator : JU/SJ

Sample : K2603-09 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

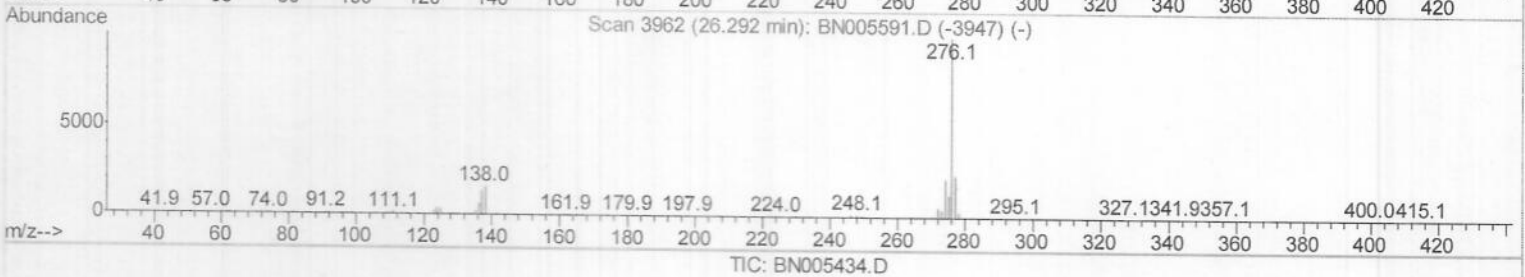
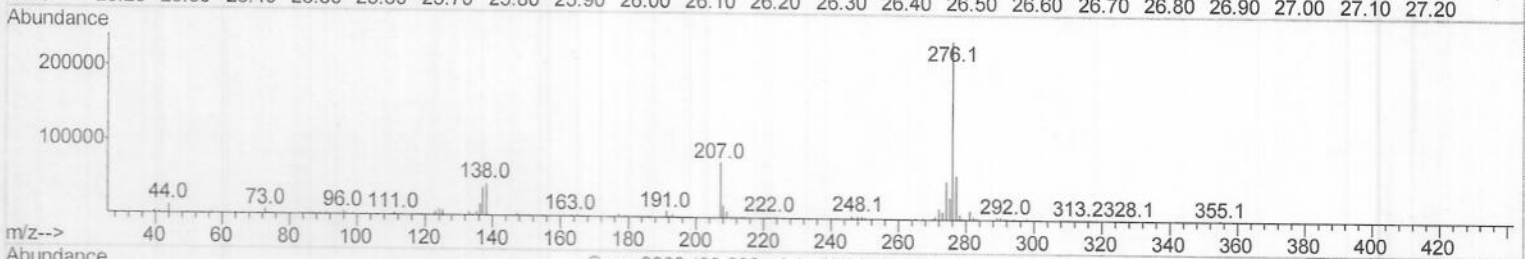
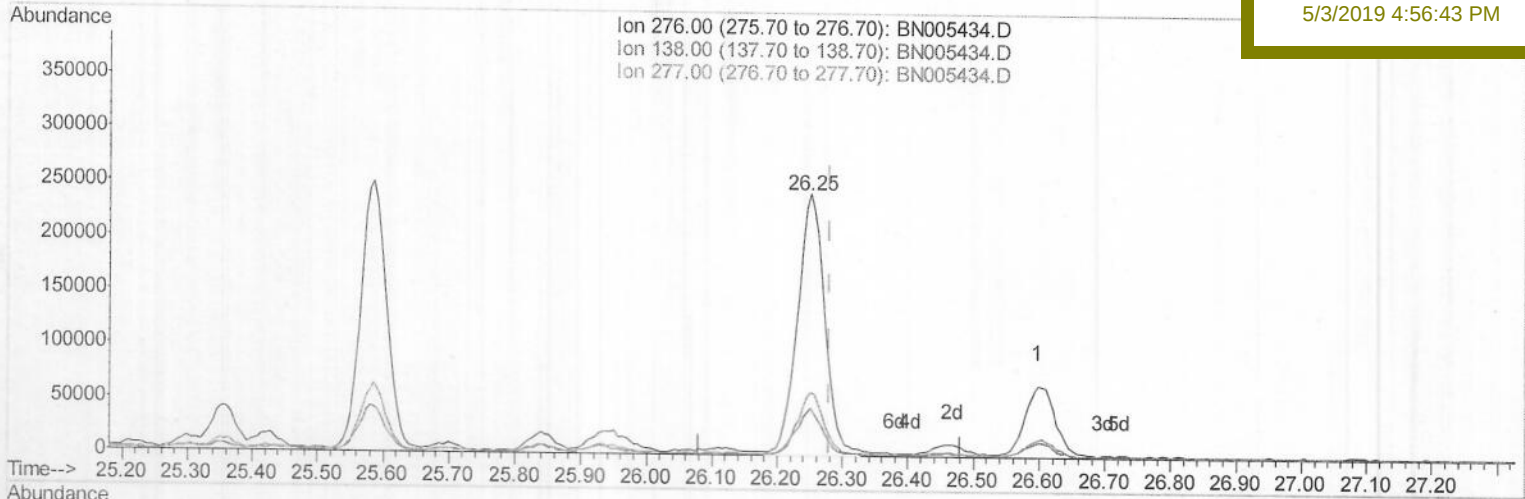
GAJ61

Manual Integrations

APPROVED

Sohil

5/3/2019 4:56:43 PM



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

26.251min (-0.030) 7.81ng/ul m

5 JU 05/12/19

response 710087

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	18.14
277.00	22.70	24.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050219\
 Data File : BN005434.D
 Acq On : 03 May 2019 02:30
 Operator : JU/SJ
 Sample : K2603-09 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 03 05:50:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 GAJ61

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:56:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	361613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1622923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1046220	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2315305m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1845058m	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1882493m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	4747	0.63	ng/uL	0.00
5) Phenol-d5	6.78	99	102363	3.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	63784	3.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	86554	3.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	85288	3.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	47653	4.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	49688	4.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	89494	3.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	94105	3.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	336542	4.43	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	407968	4.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29466	2.46	ng/ul	0.02
57) Fluorene-d10	15.22	176	299726	4.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	30126m	2.89	ng/ul	0.00
70) Anthracene-d10	17.07	188	467088	4.81	ng/ul	0.00
78) Pyrene-d10	19.39	212	486202m	5.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	380388m	4.62	ng/ul	-0.01
Target Compounds						
44) Dimethylphthalate	13.69	163	125859	1.663	ng/ul	99
47) Acenaphthylene	13.94	152	456698	4.982	ng/ul	99
69) Phenanthrene	17.02	178	132989m	1.179	ng/ul	
71) Anthracene	17.11	178	142976	1.245	ng/ul	98
76) Fluoranthene	19.05	202	1808607m	14.461	ng/ul	
79) Pyrene	19.42	202	3911085m	32.922	ng/ul	
82) Benzo(a)anthracene	21.19	228	1660941m	14.470	ng/ul	
84) Chrysene	21.25	228	1478536m	13.879	ng/ul	
87) Benzo(b)fluoranthene	22.76	252	1451894m	13.720	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	455527m	4.507	ng/ul	
90) Benzo(a)pyrene	23.32	252	1576045m	15.845	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	691376m	6.287	ng/ul	
92) Dibenzo(a,h)anthracene	25.59	278	204080m	2.187	ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	710087m	7.809	ng/ul	

JU 05/12/19

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