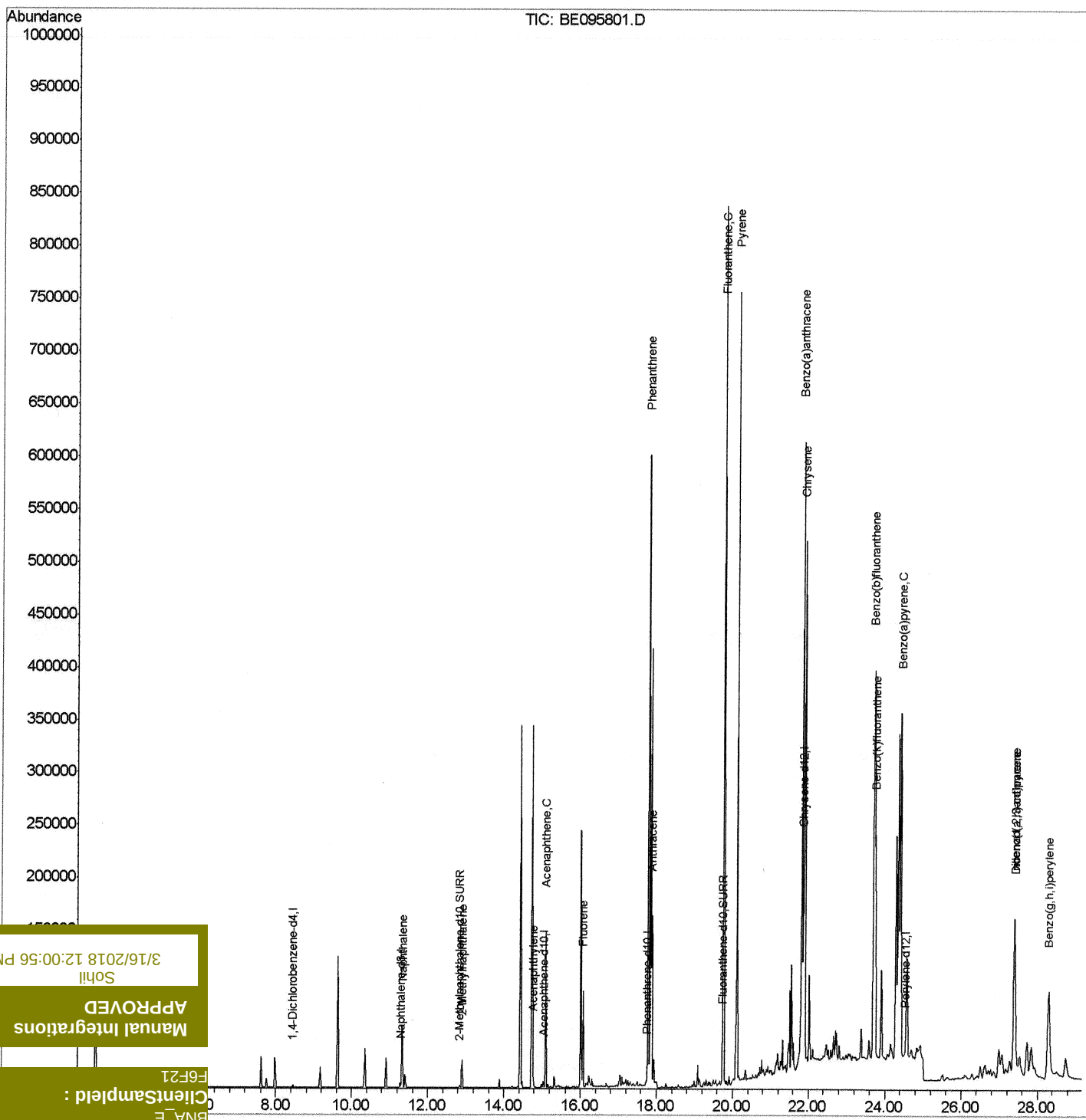


Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095801.D
Acq On : 15 Mar 2018 13:38
Operator : SJ/JU
Sample : J1813-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:45:45 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Fri Mar 16 01:12:14 2018
Response via : Initial Calibration



3/16/2018 12:00:56 PM

Sohil

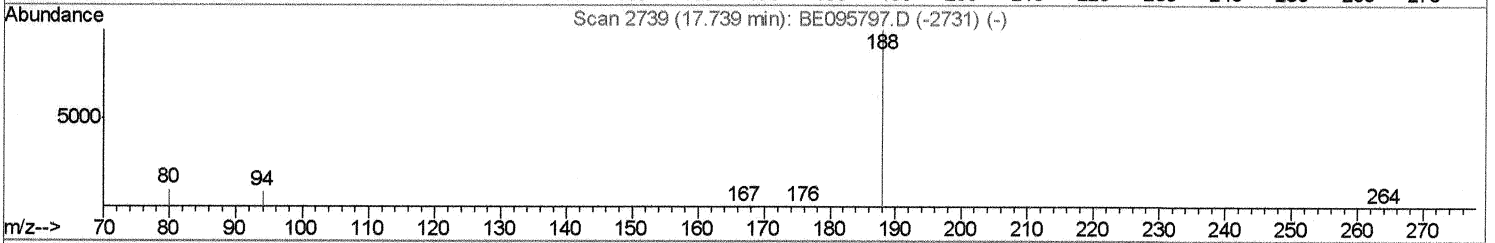
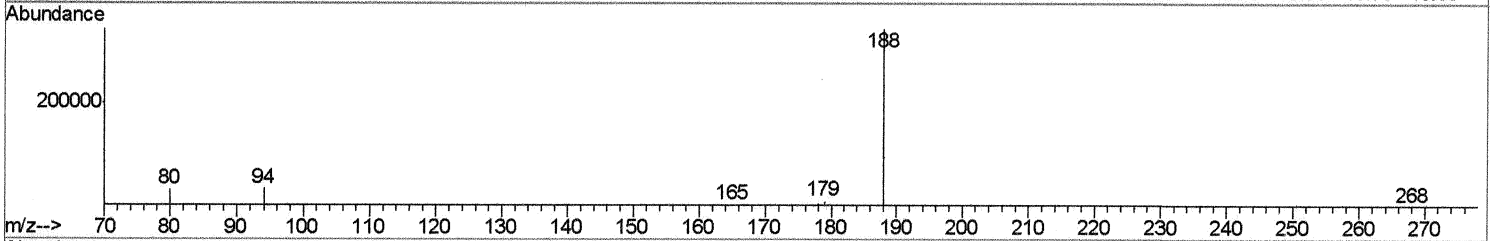
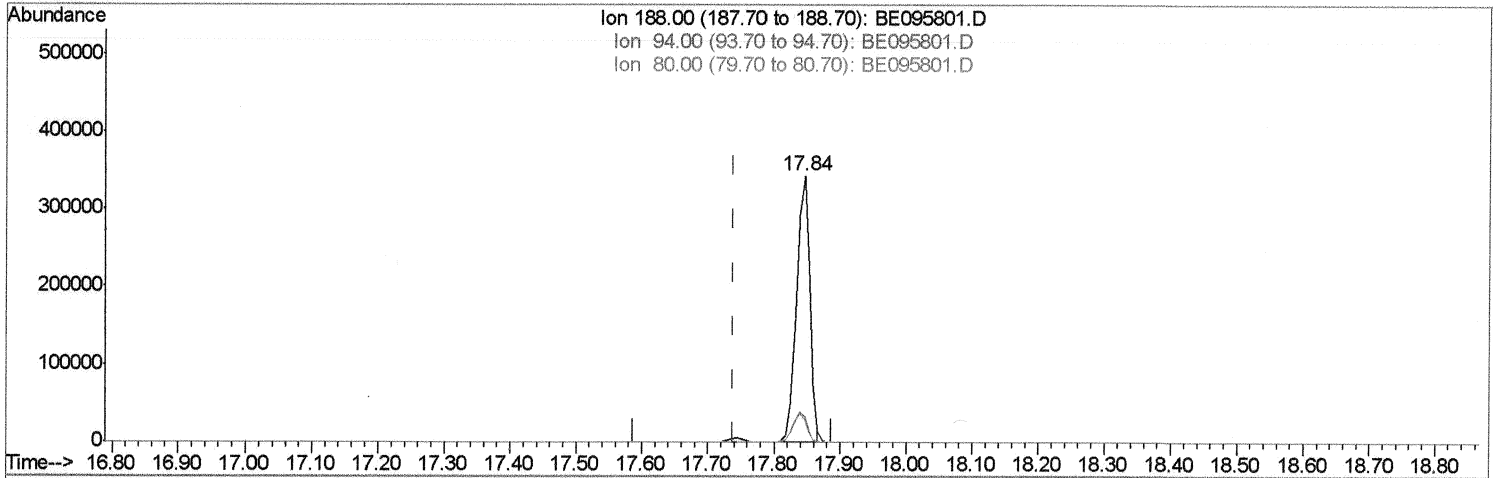
Manual Integrations
APPROVEDInstrument :
BNA_E
Client Sample :
F6F21

8.M Fri Mar 16 01:46:22 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:13:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(10) Phenanthrene-d10 (I)
 17.845min (+0.106) 0.40ng/ul
 response 484930

Ion	Exp%	Act%
188.00	100	100

3/16/2018 12:00:56 PM
 Sohll
 APPROVED
 Manual Integrations
 #89

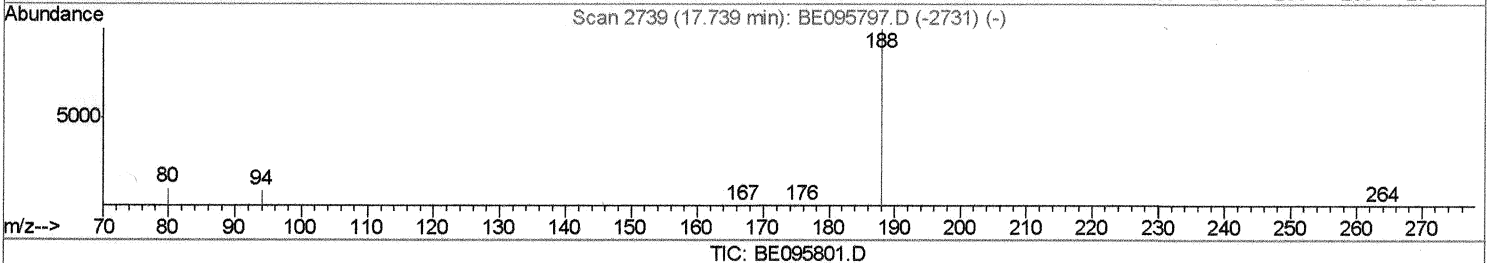
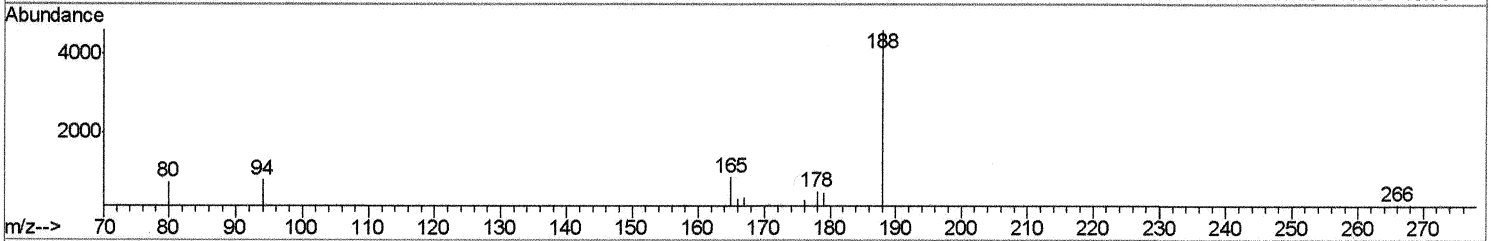
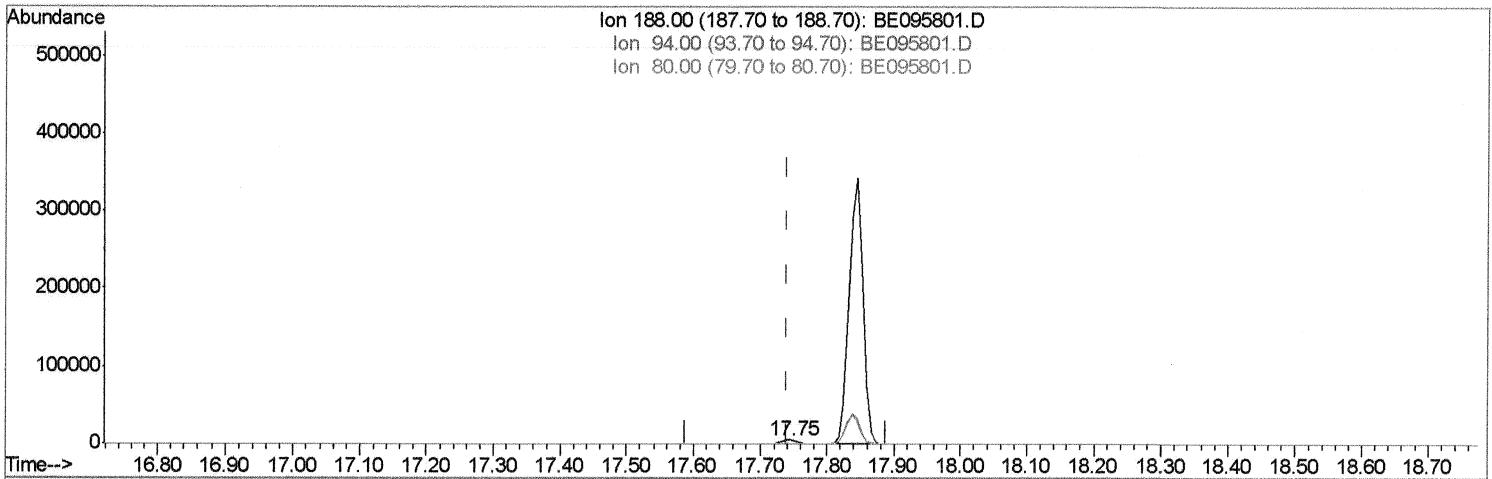
Client Sampled :
 BNA_E
 Instrument :
 F6F21

13.M Fri Mar 16 01:39:50 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:13:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(10) Phenanthrene-d10 (I)

17.746min (+0.007) 0.40ng/ul m 3/16/18 SJ

response 7285

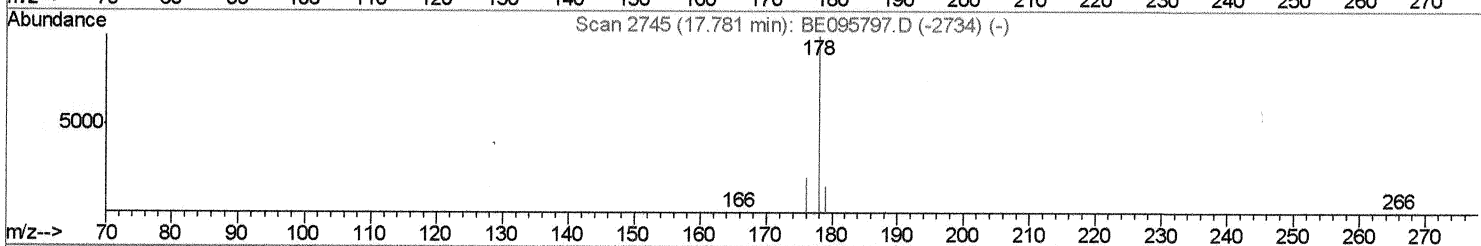
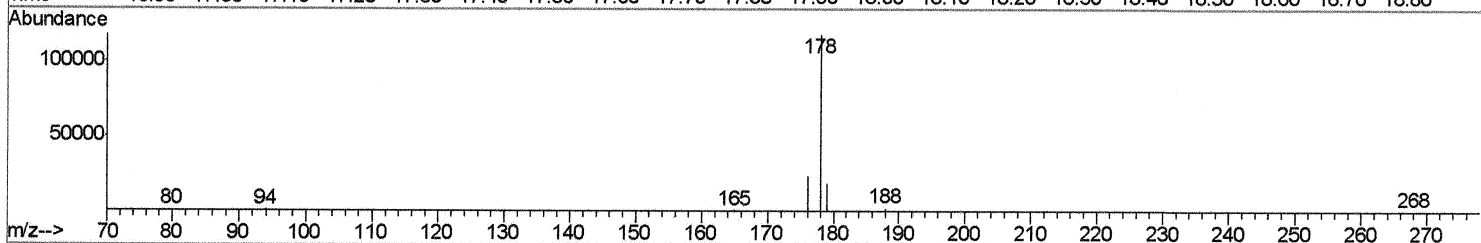
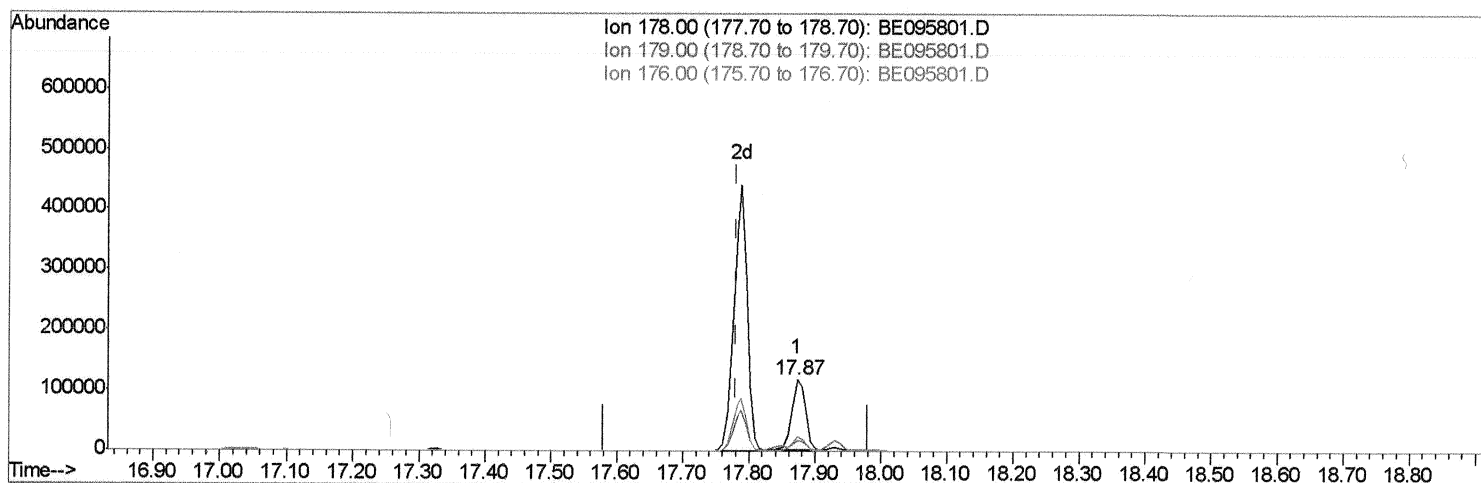
Ion	Exp%	Act%
188.00	100	100
94.00	7.31	6.00
80.00	0.00	0.00

8.M Fri Mar 16 01:40:01 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(12) Phenanthrene

17.873min (+0.092) 7.61ng/ul

response 165930

Ion Exp% Act%

178.00 100 100

3/16/2018 12:00:56 PM 15.79#

Sohil

APPROVED 19.76

Manual Integrations 100

F6F21

ClientSampled :

BNA_E

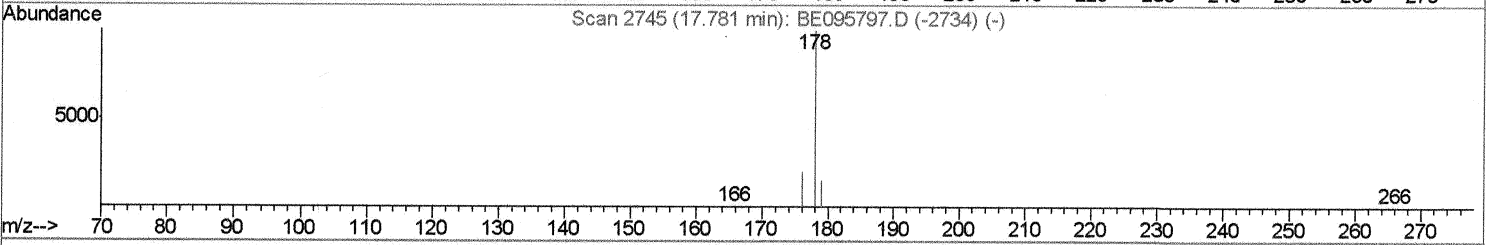
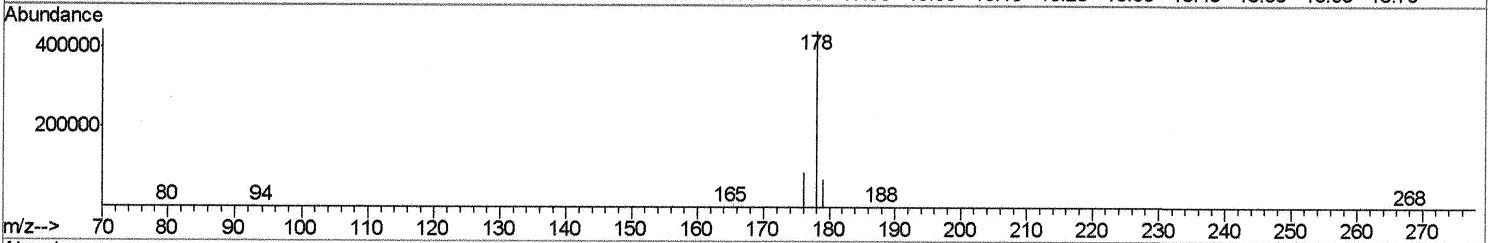
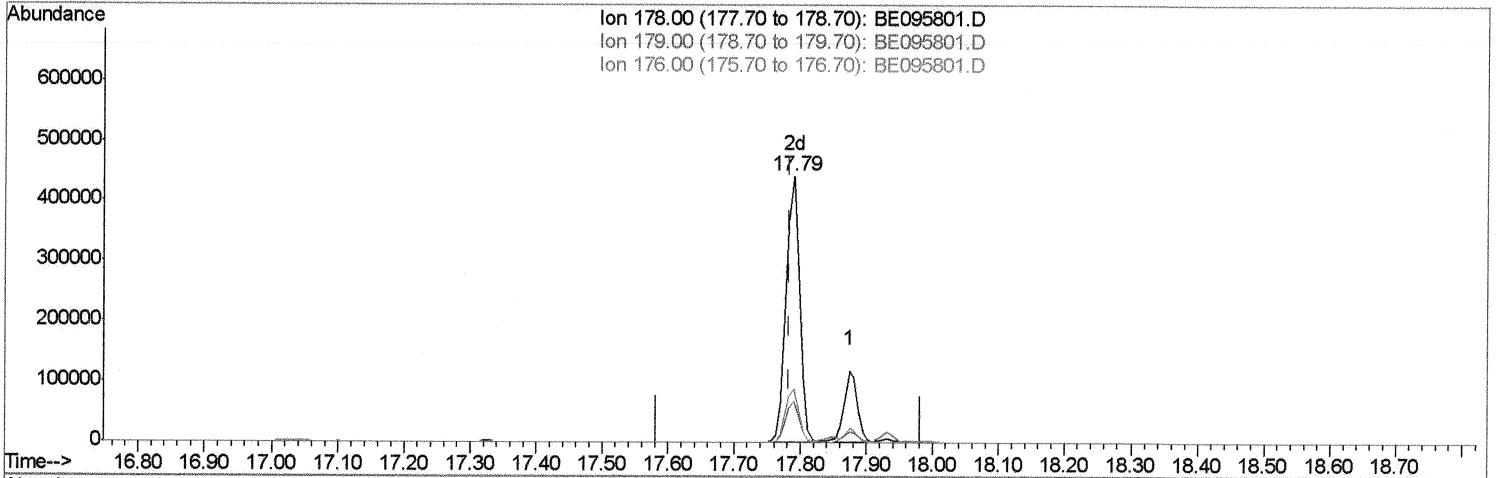
Instrument :

3.M Fri Mar 16 01:40:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(12) Phenanthrene

17.789min (+0.007) 29.05ng/ul m SJ 3/16/18

response 633899

Ion Exp% Act%

178.00 100 100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

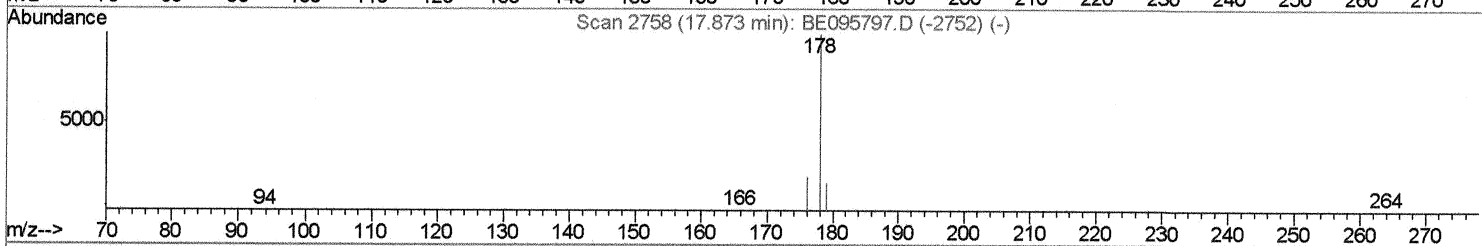
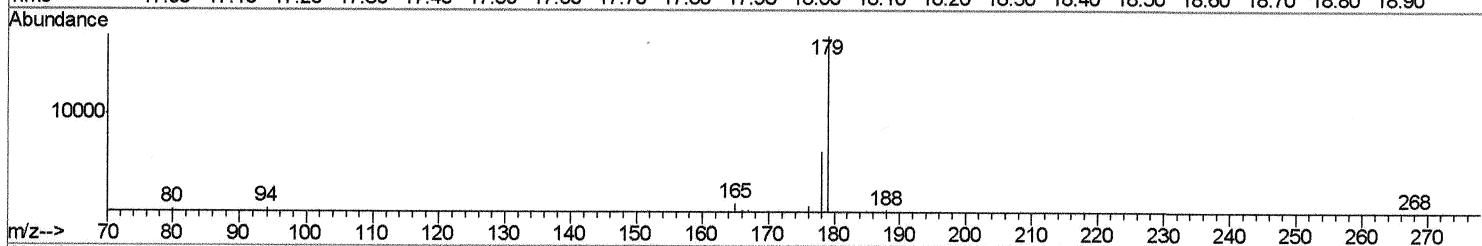
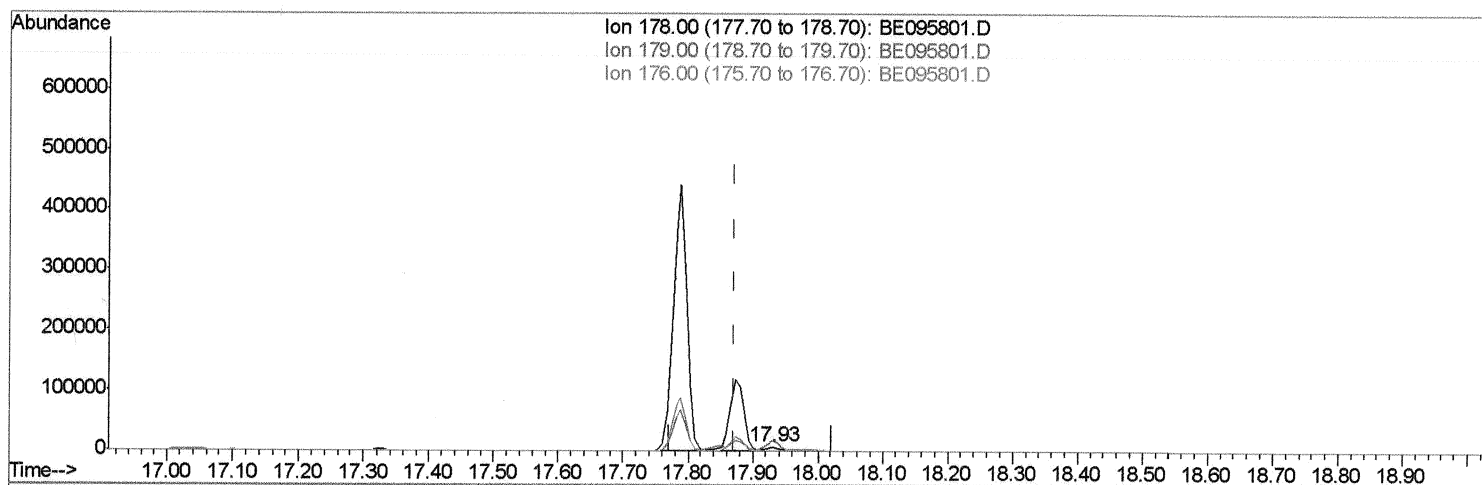
Instrument :

8.M Fri Mar 16 01:41:04 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 02:30:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(13) Anthracene

17.929min (+0.057) 0.01ng/ul

response 14410

Ion	Exp%	Act%
178.00	100	100
179.00	88.75	88.75
176.00	12.64	12.64

ClientSampled : F6F21

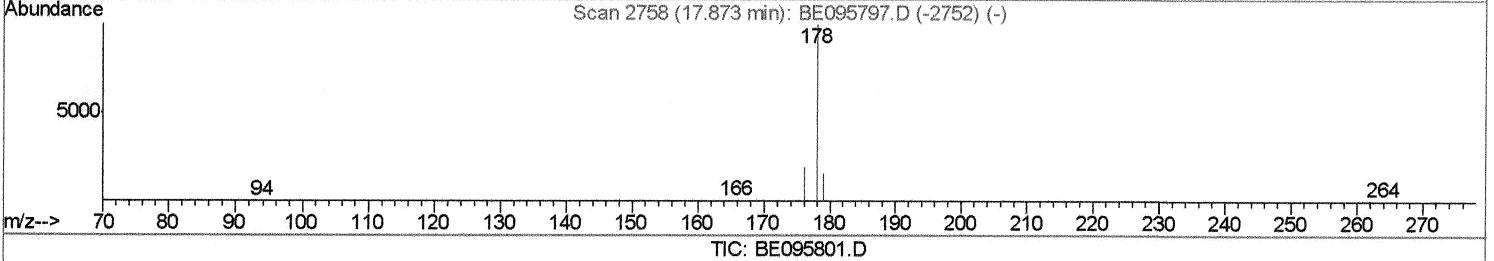
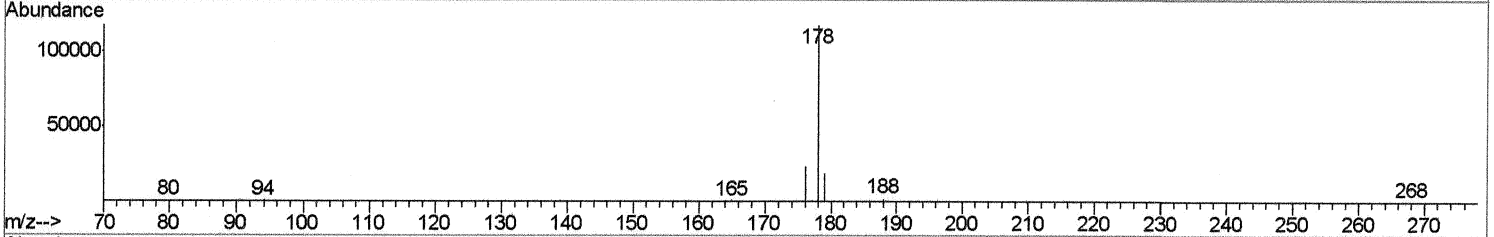
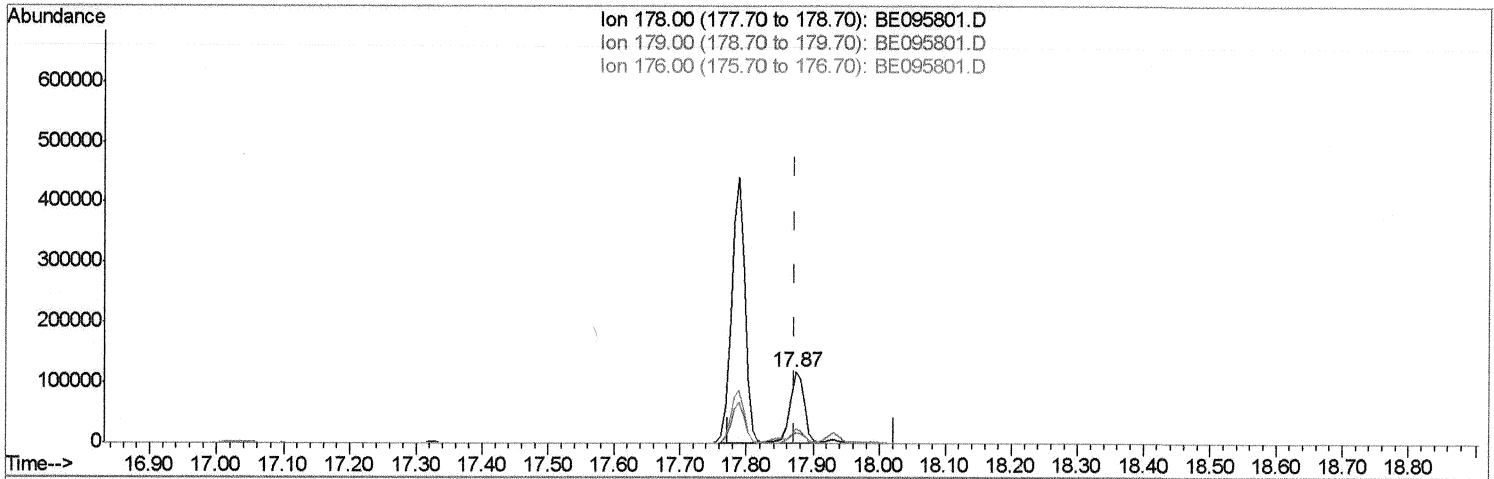
BNA_E

Instrument : 8.M Fri Mar 16 02:31:18 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(13) Anthracene

17.873min (+0.000) 8.26ng/ul m) SJ 3/16/18

response 168574

Ion	Exp%	Act%
178.00	100	100

3/16/2018 12:00:56 PM #615.79

Sohil

APPROVED

Manual Integrations 19.76

F6F21

ClientSampled :

BNA_E

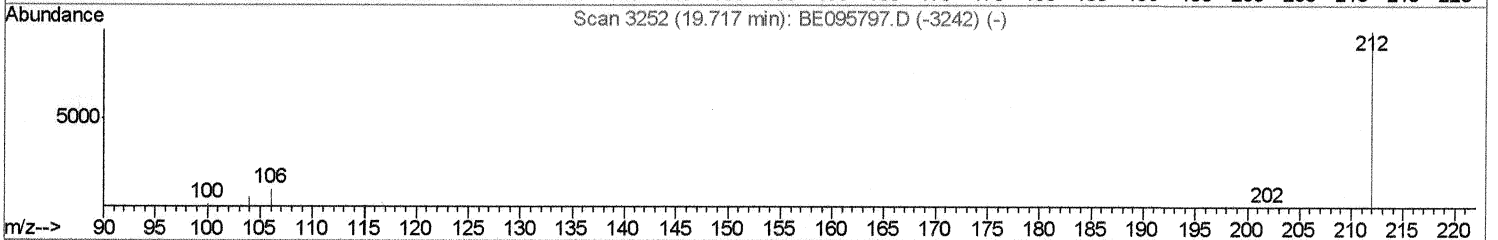
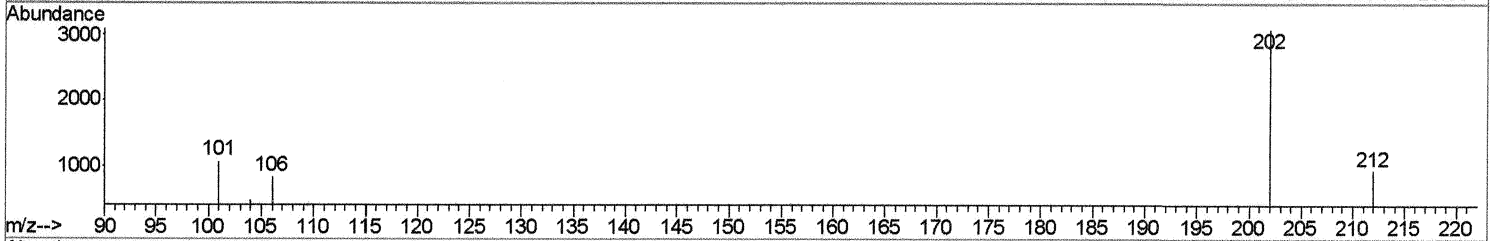
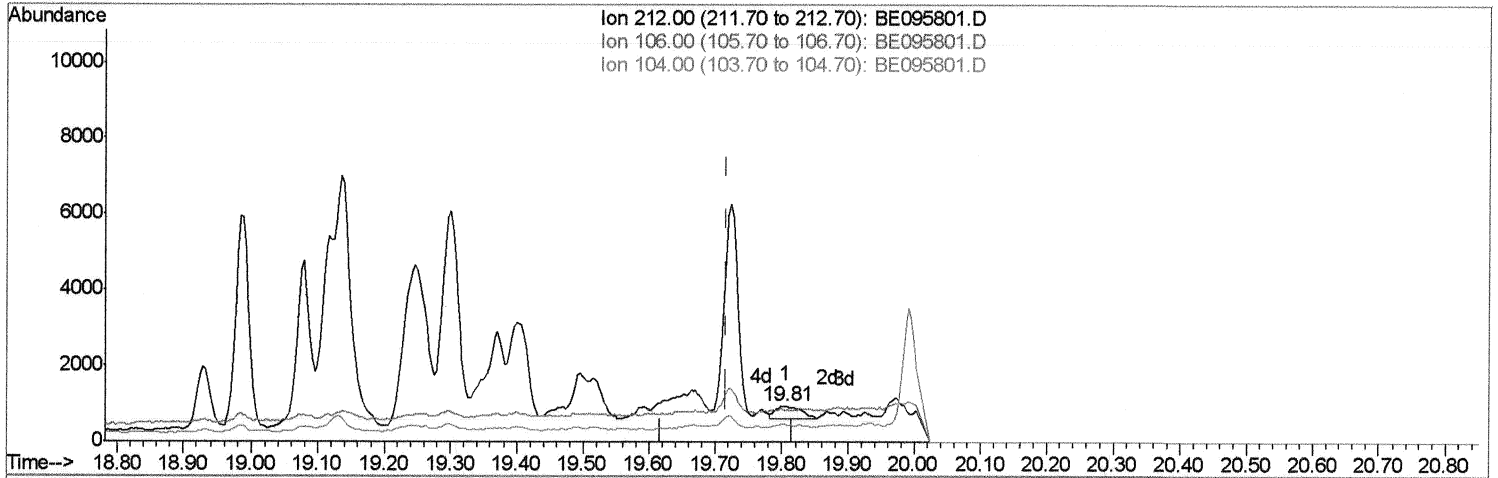
Instrument :

8.M Fri Mar 16 01:41:17 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(14) Fluoranthene-d10 (SURR)

19.805min (+0.088) 0.04ng/ul

response 951

Ion Exp% Act%

212.00 100 100

28.81#

14.51

100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampleId :

BNA_E

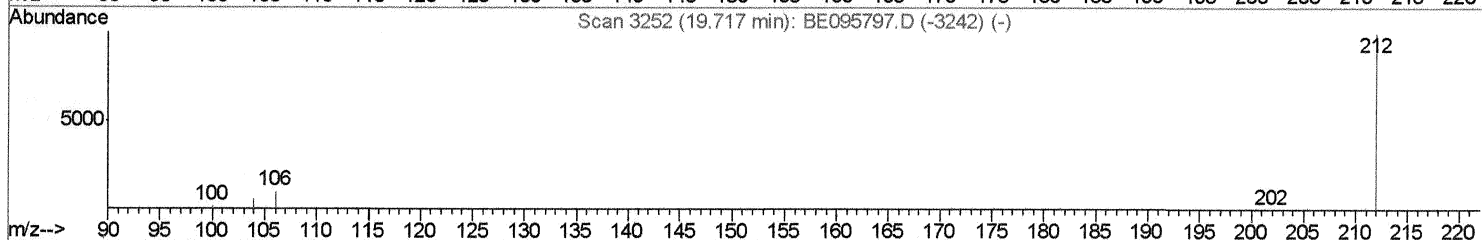
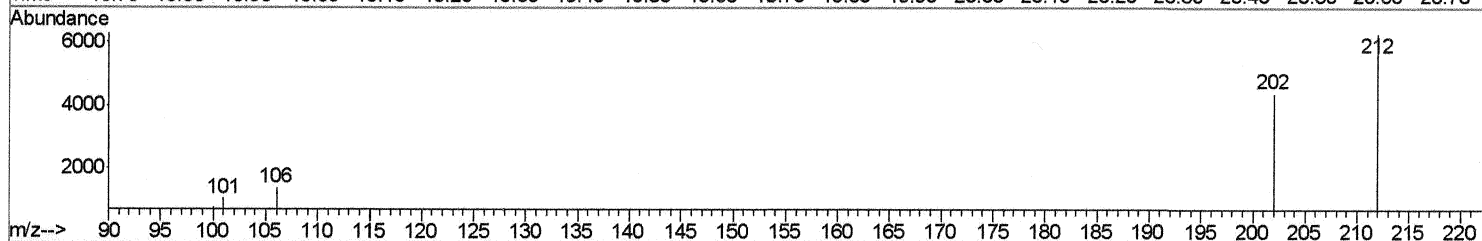
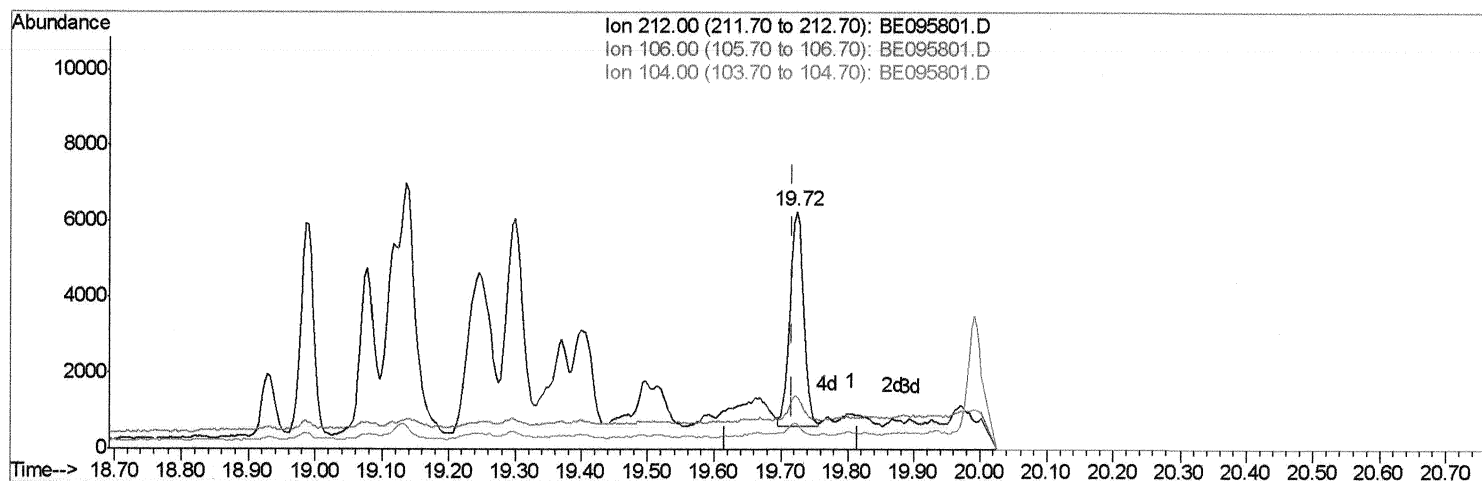
Instrument :

8.M Fri Mar 16 01:41:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(14) Fluoranthene-d10 (SURR)

19.723min (+0.006) 0.35ng/ul m> SJ 3/16/18

response 8072

Ion	Exp%	Act%
212.00	100	100
106.00	100	3.39#
104.00	100	1.71#

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

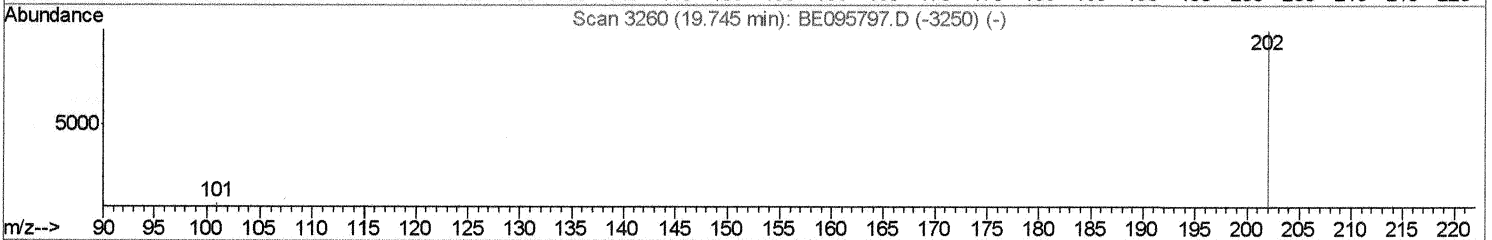
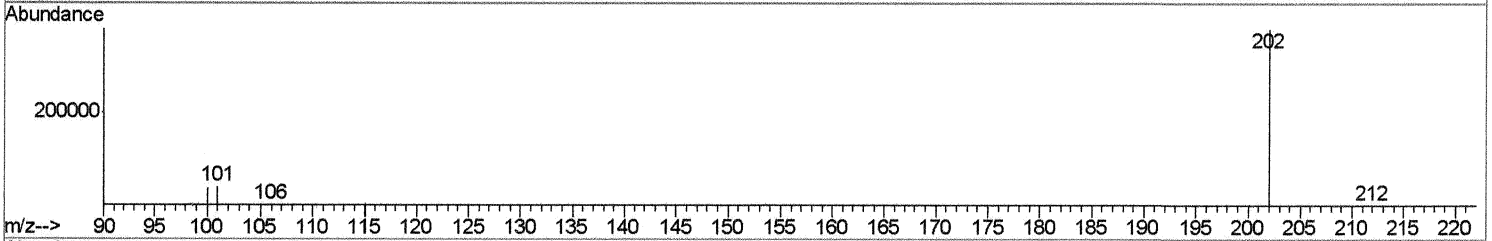
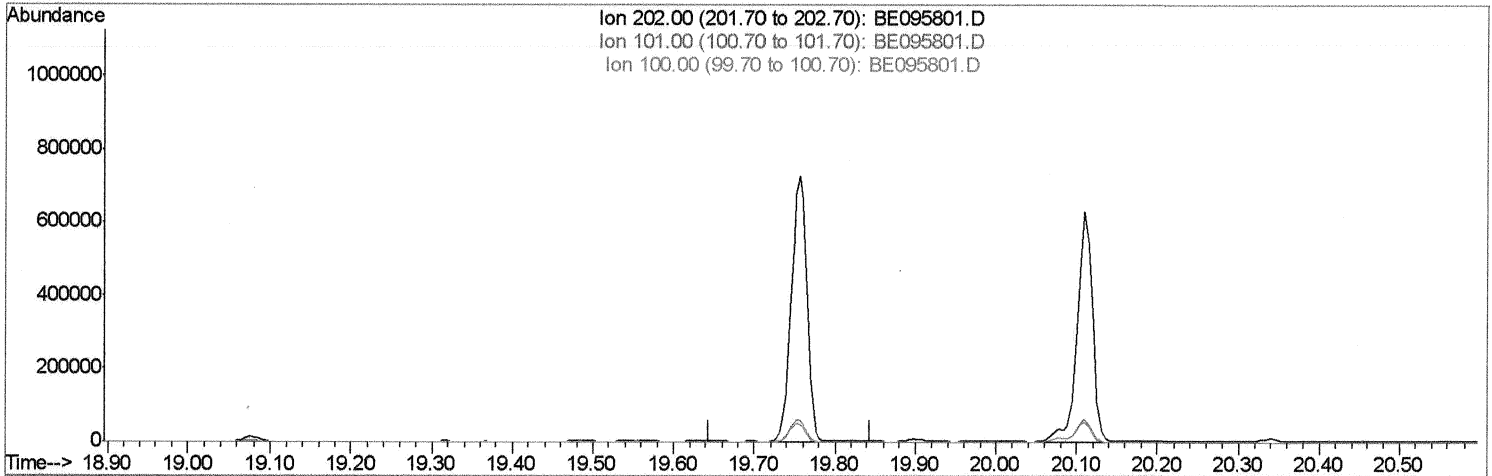
Instrument :

18.M Fri Mar 16 01:41:39 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(15) Fluoranthene (C)

19.745min (-19.745) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	100	0.00
106.00	100	0.00
212.00	100	0.00

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

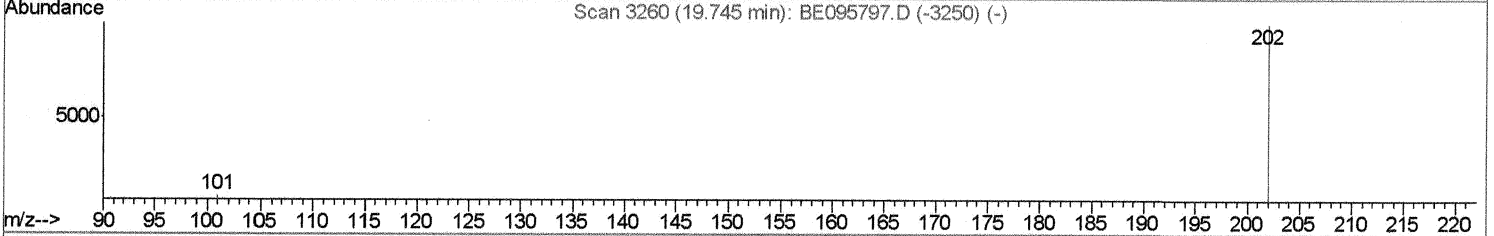
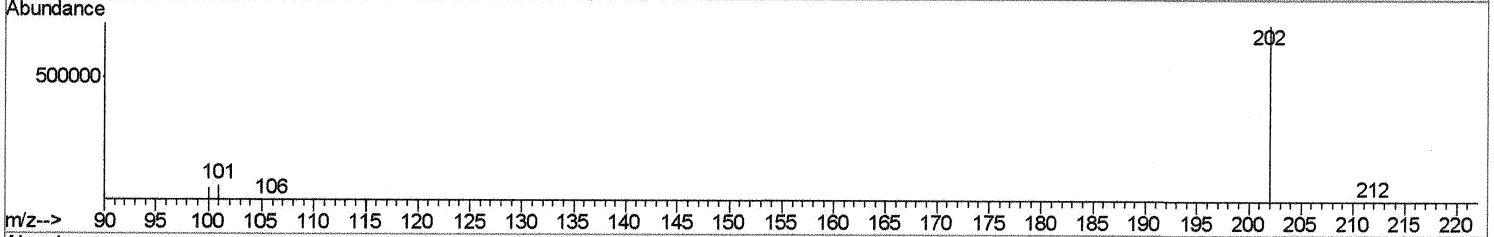
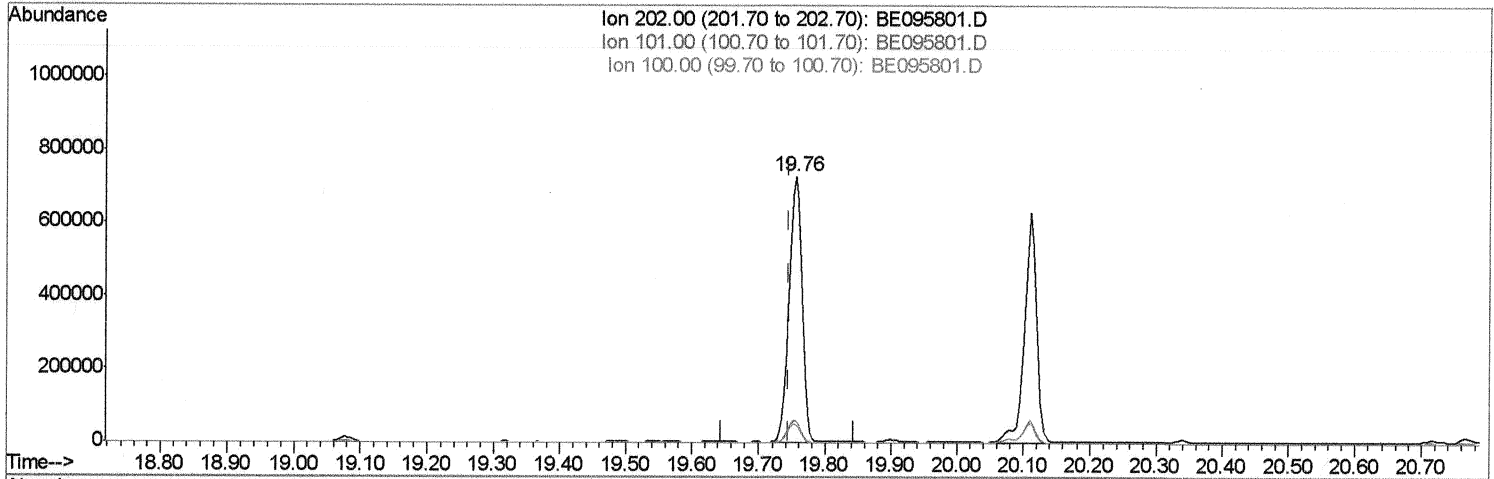
Instrument :

18.M Fri Mar 16 01:41:43 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(15) Fluoranthene (C)

19.755min (+0.010) 36.99ng/ul m > 52 3/16/18

response 977689

Ion	Exp%	Act%
202.00	100	100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

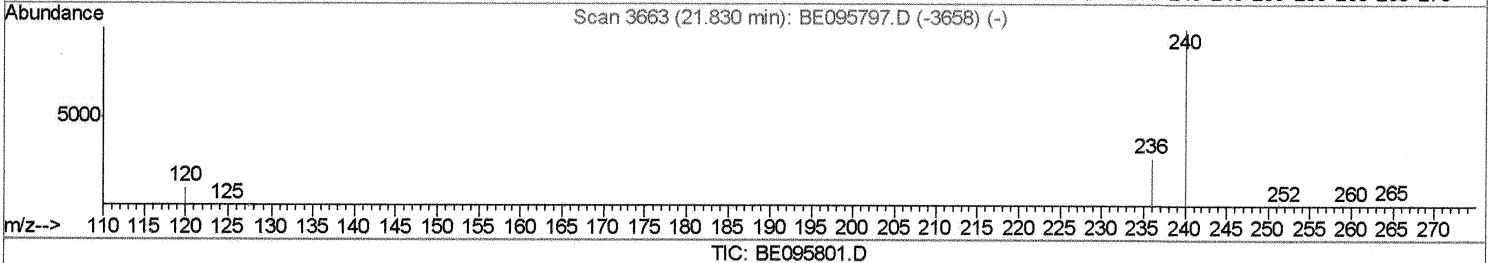
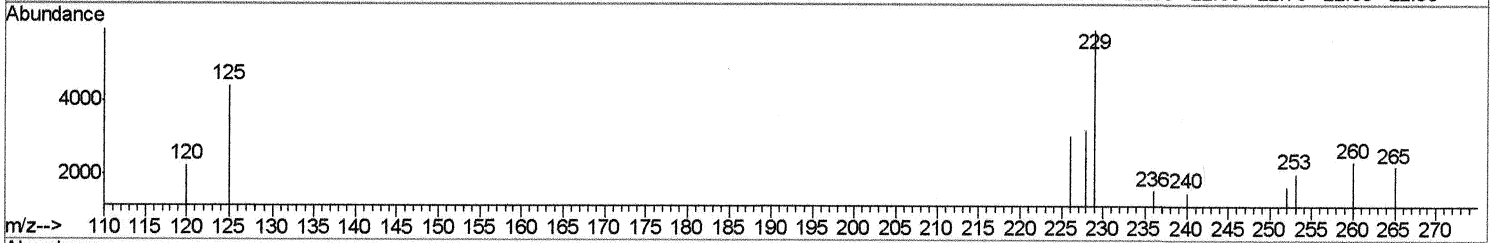
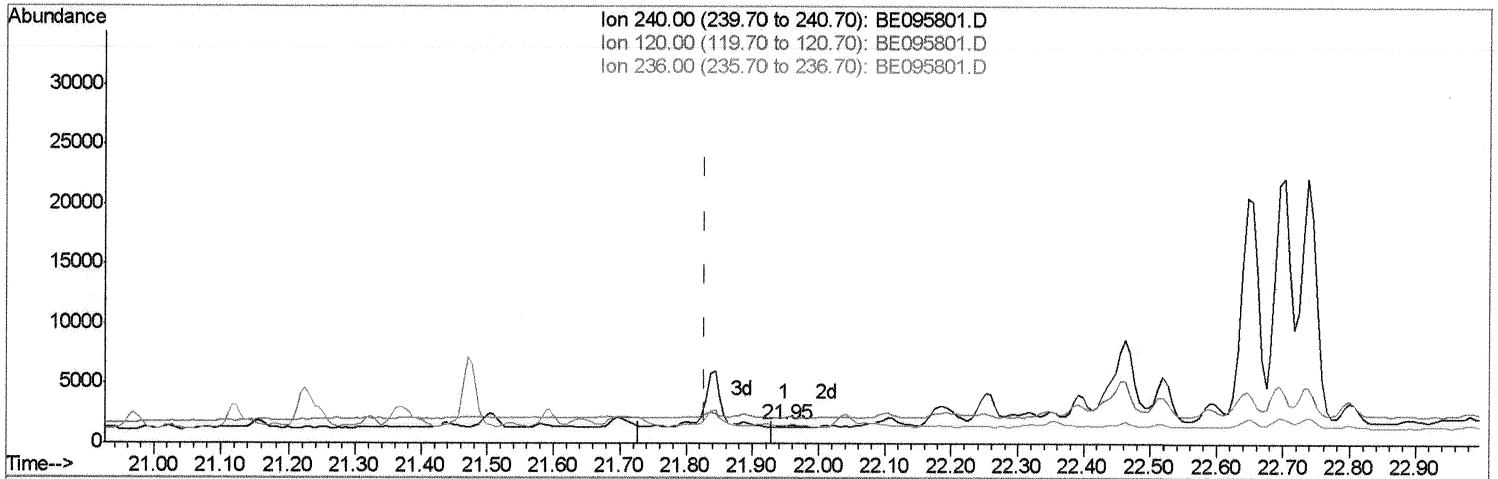
Instrument :

8.M Fri Mar 16 01:41:59 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.949min (+0.119) 0.40ng/ul

response 447

Ion Exp% Act%

240.00 100 100

3/16/2018 12:00:56 PM 46.78#

Sohil

APPROVED 02.96#

Manual Integrations 00

F6F21

ClientSampled :

BNA_E

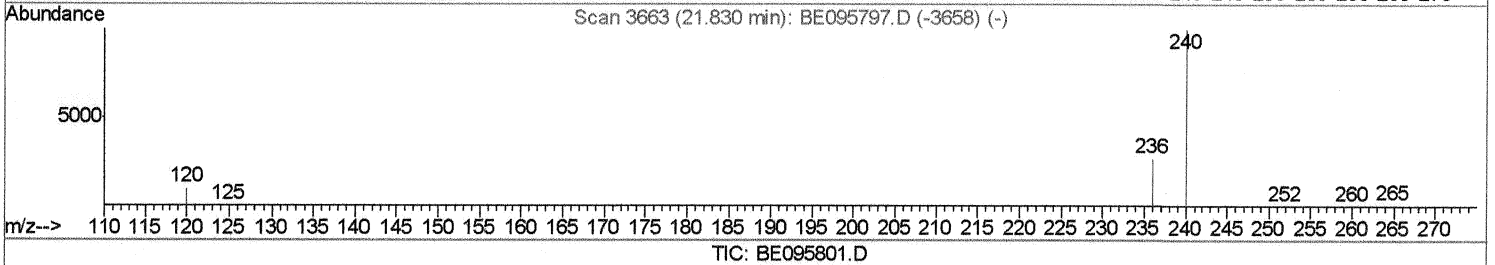
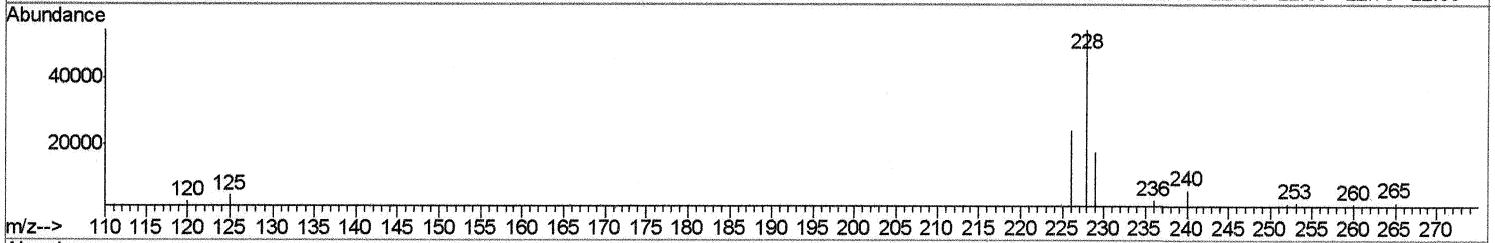
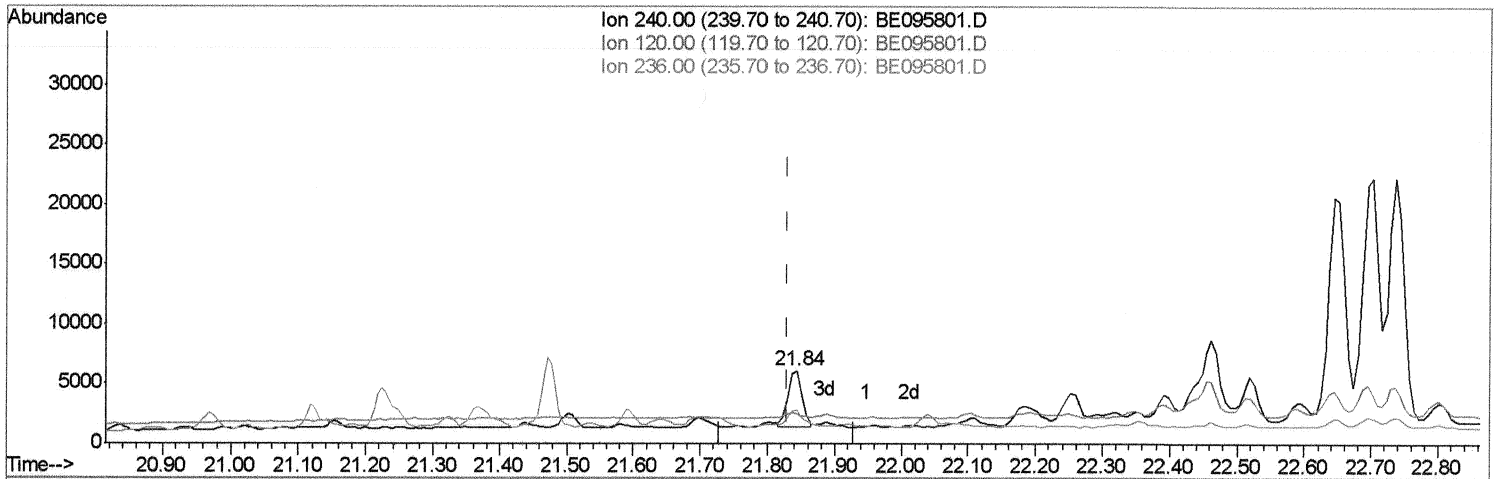
Instrument :

8.M Fri Mar 16 01:42:07 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.843min (+0.014) 0.40ng/ul m > SJ 3/16/18

response 6747

Ion	Exp%	Act%
240.00	100	100

#89 3/16/2018 12:00:56 PM 41.48#

Sohil

APPROVED

Manual Integrations 46.68#

F6F21

Client Sampled :

BNA_E

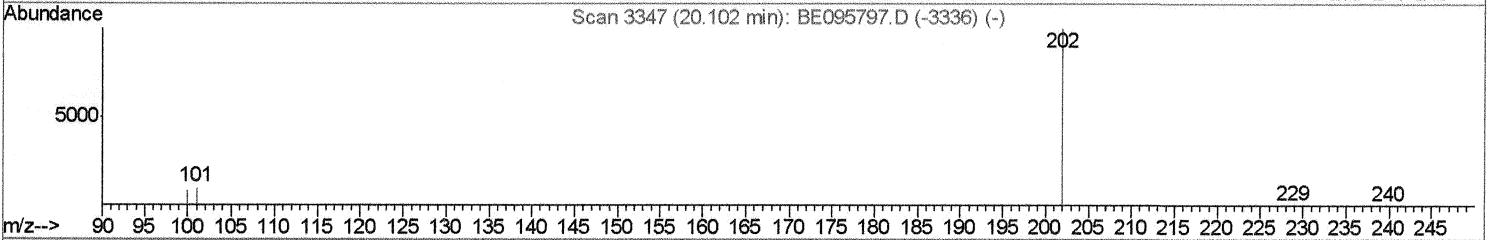
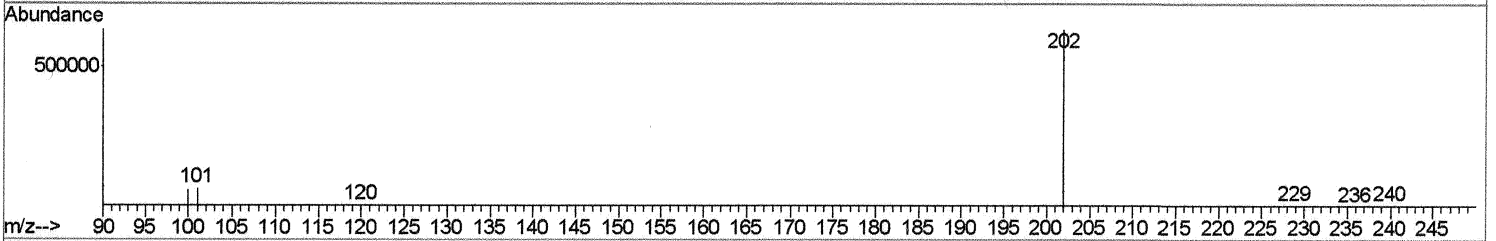
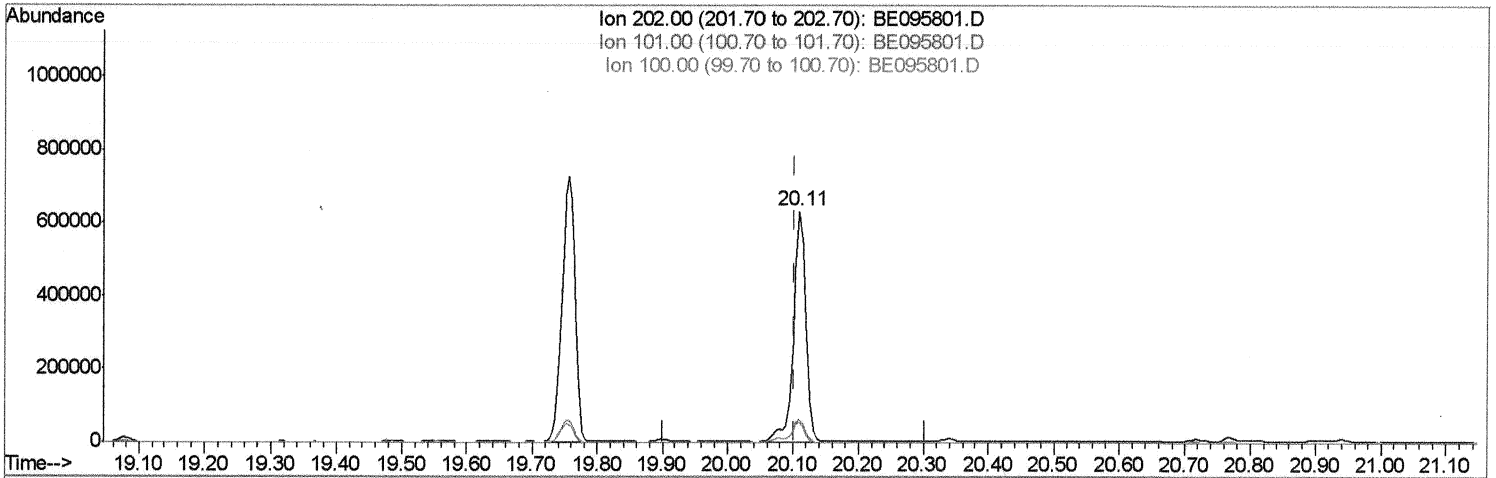
Instrument :

8.M Fri Mar 16 01:42:18 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(17) Pyrene

20.109min (+0.007) 32.78ng/ul

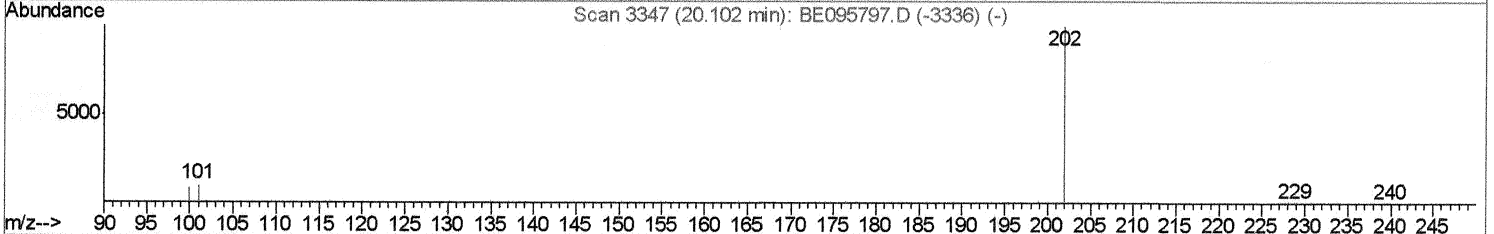
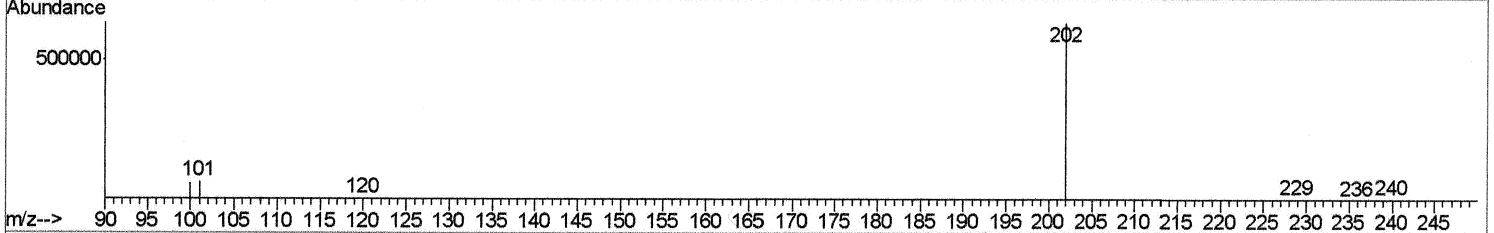
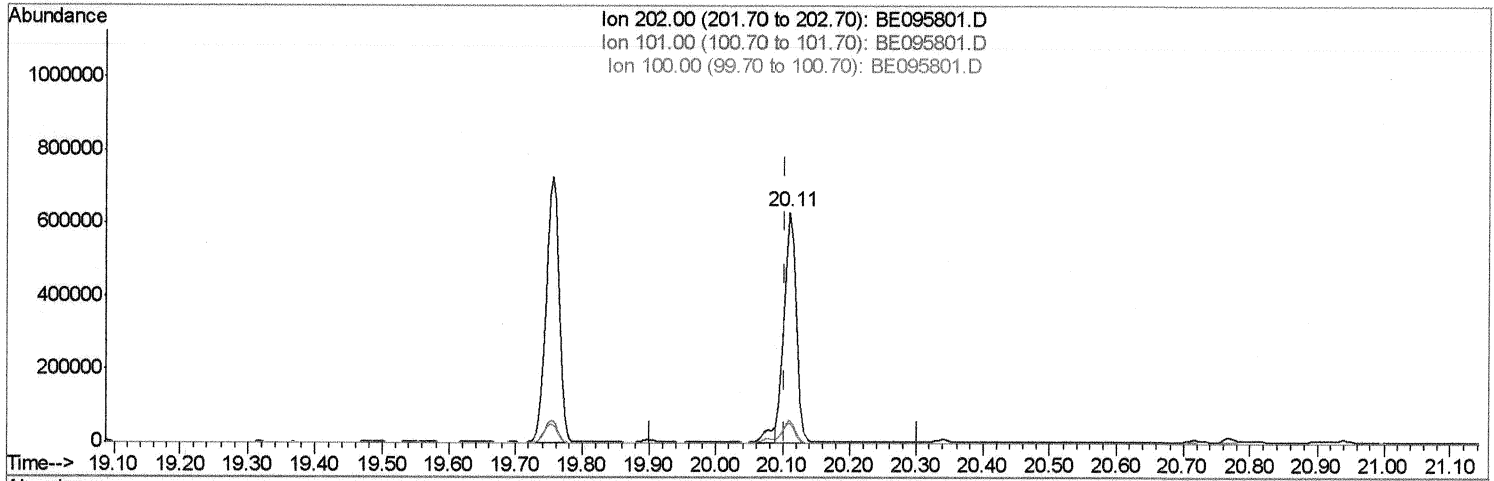
response 839680

Ion	Exp%	Act%
202.00	100	100
99.00	9.90	9.90
101.00	9.00	9.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(17) Pyrene

20.109min (+0.007) 30.76ng/ul m > SJ 3/16/18

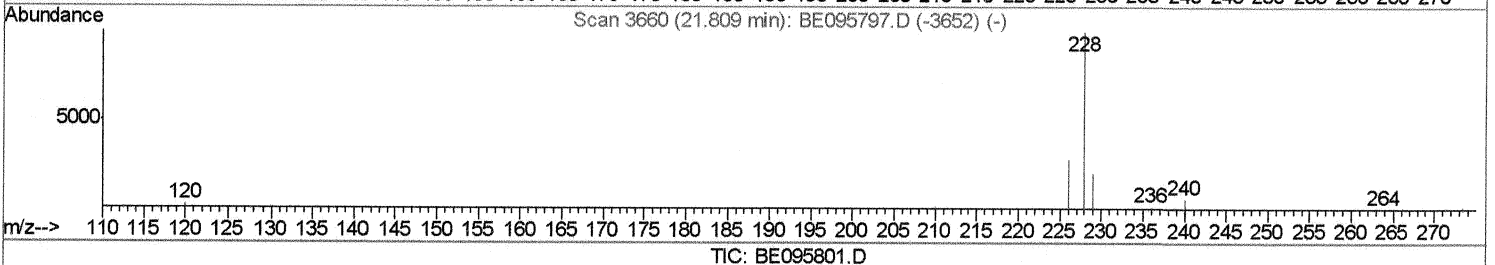
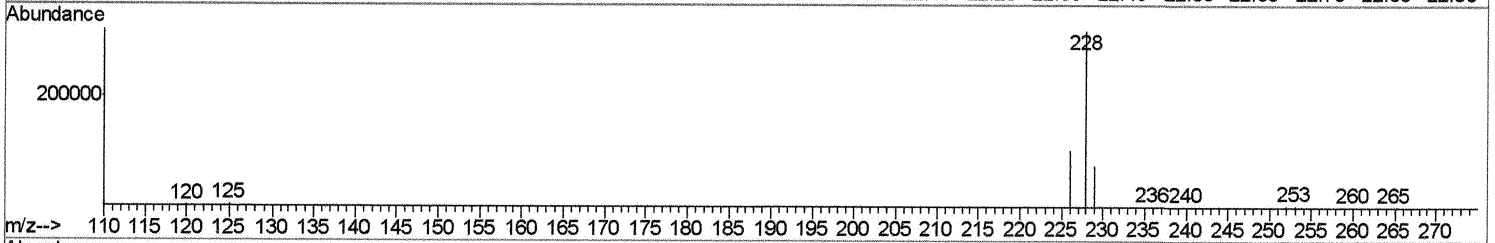
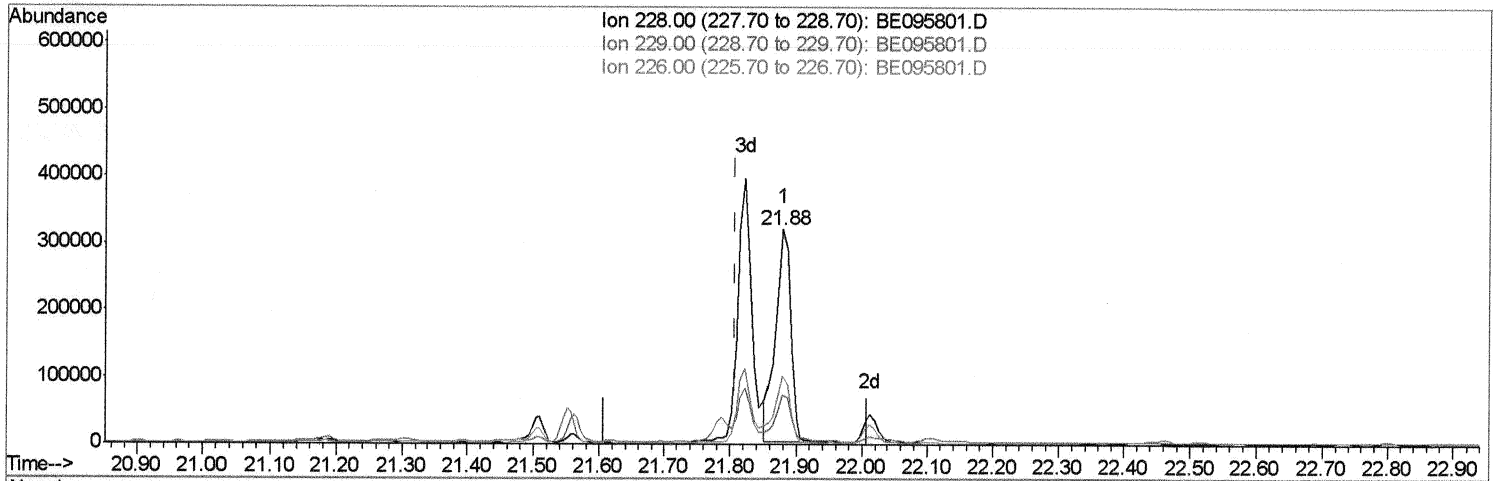
response 787967

Ion	Exp%	Act%
202.00	100	100
99.90		
99.00		
99.00		

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(18) Benzo(a)anthracene

21.878min (+0.070) 23.25ng/ul

response 506249

Ion Exp% Act%

228.00 100 100

3/16/2018 12:00:56 PM 23.30

Sohil

APPROVED

Manual Integrations 32.34#

F6F21

ClientSampled :

BNA_E

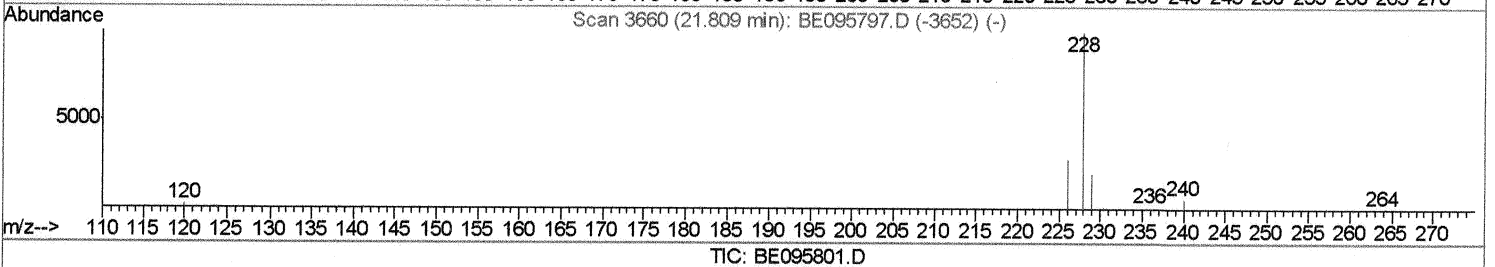
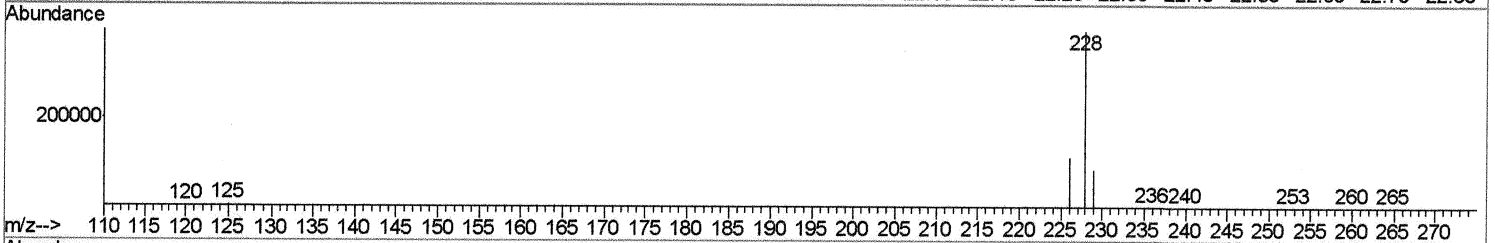
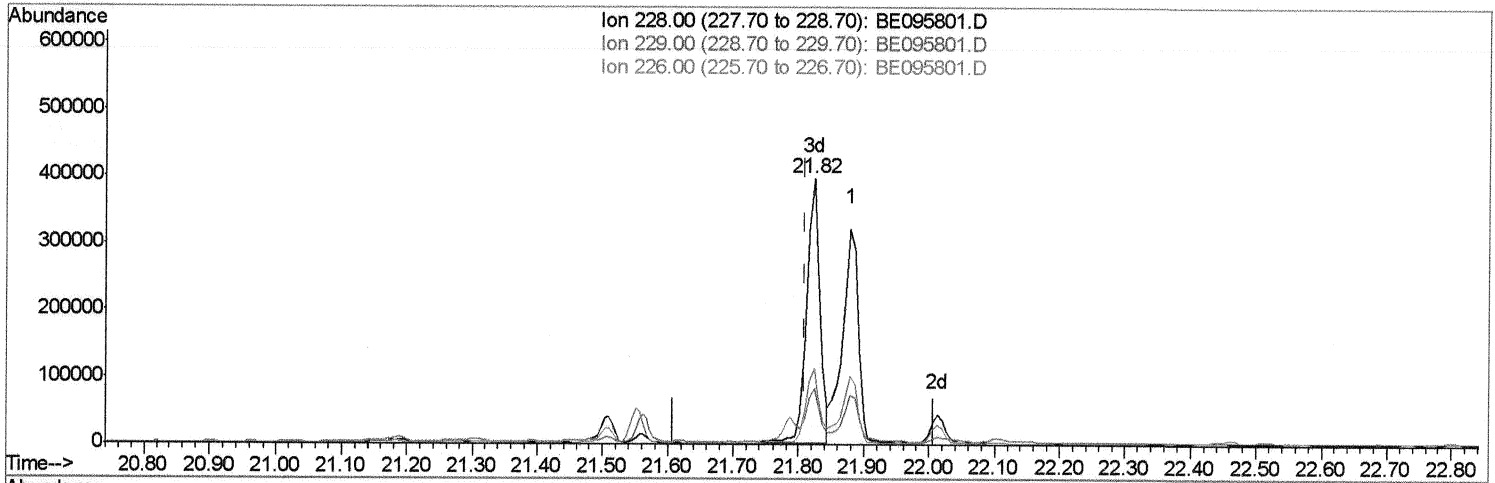
Instrument :

3.M Fri Mar 16 01:42:56 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.822min (+0.014) 26.92ng/ul m > SJ 3/16/18

response 586057

Ion Exp% Act%

228.00 100 100

3/16/2018 12:00:56 PM 21.42#

Sohil 28.61#

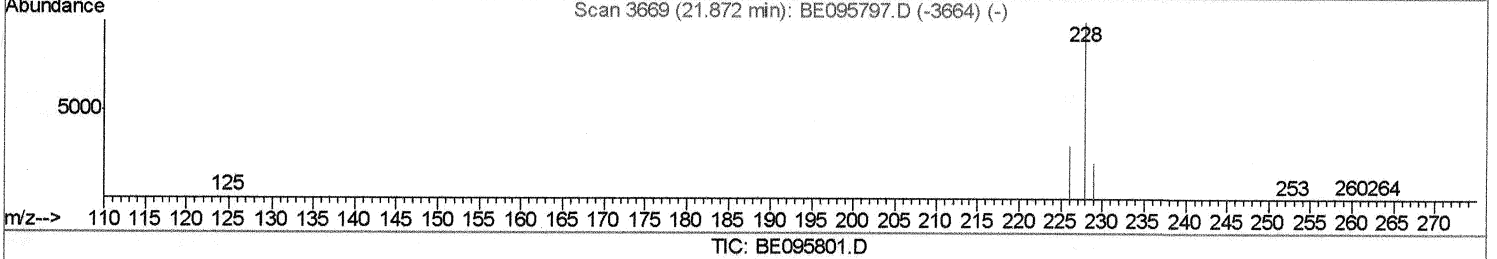
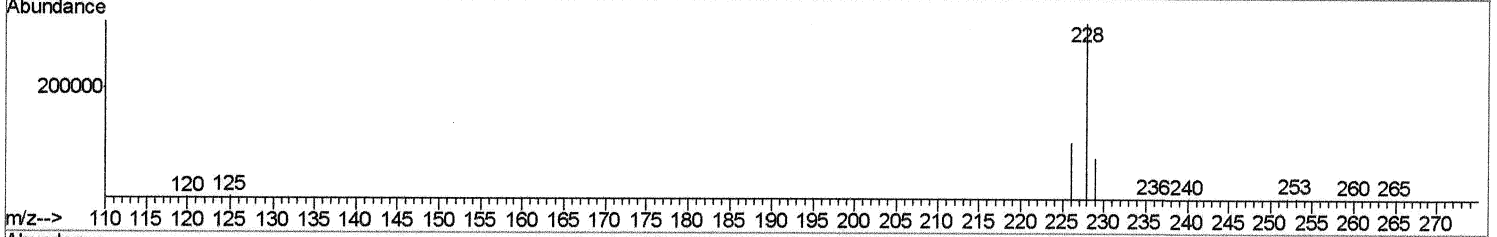
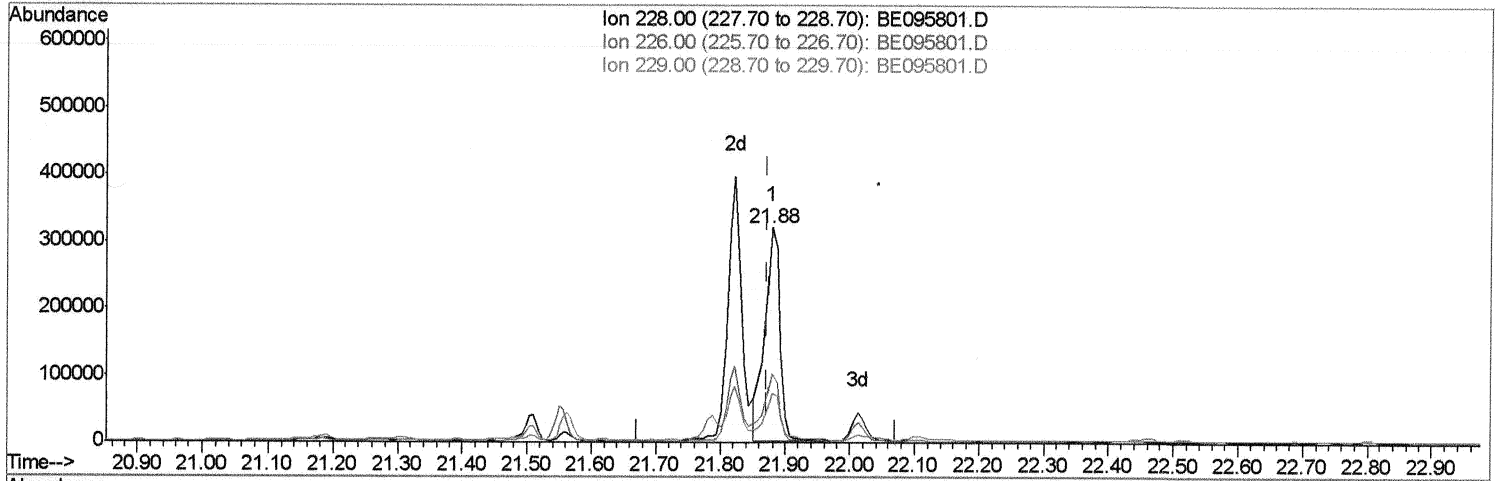
APPROVED Manual Integrations 00

Client Sampled :
 BNA_E
 Instrument :
 8.M Fri Mar 16 01:43:09 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(19) Chrysene

21.878min (+0.007) 23.08ng/ul

response 511629

Ion Exp% Act%

228.00 100 100

3/16/2018 12:00:56 PM 23.34

Sohil

APPROVED

Manual Integrations 23.30

F6F21

ClientSampled :

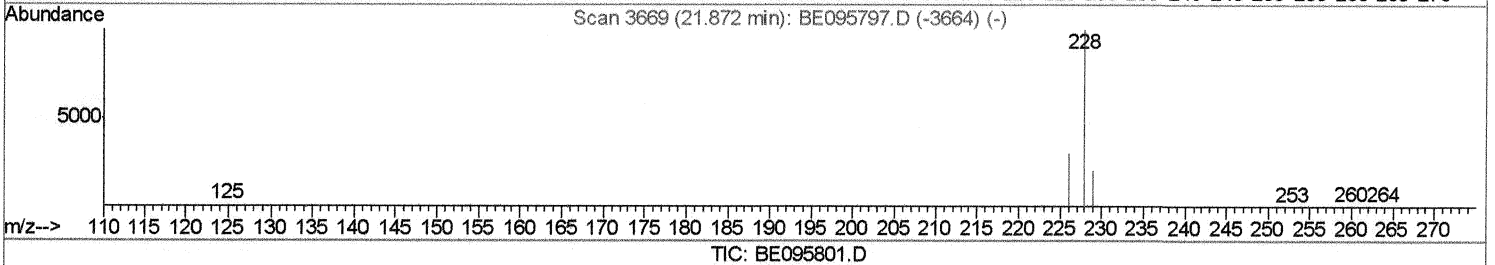
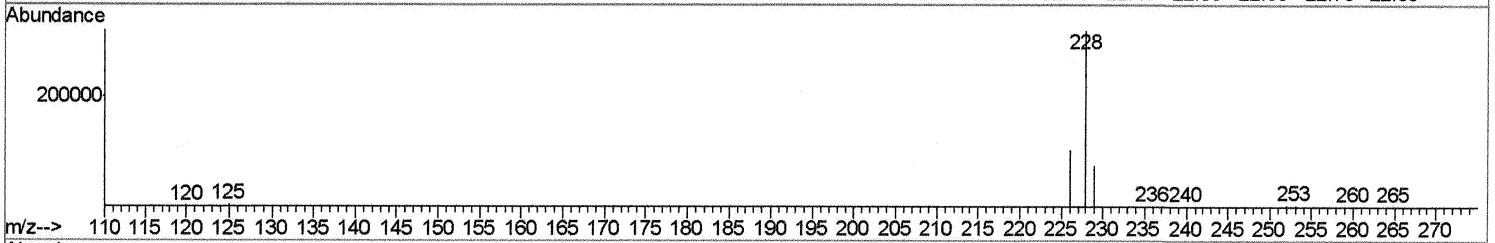
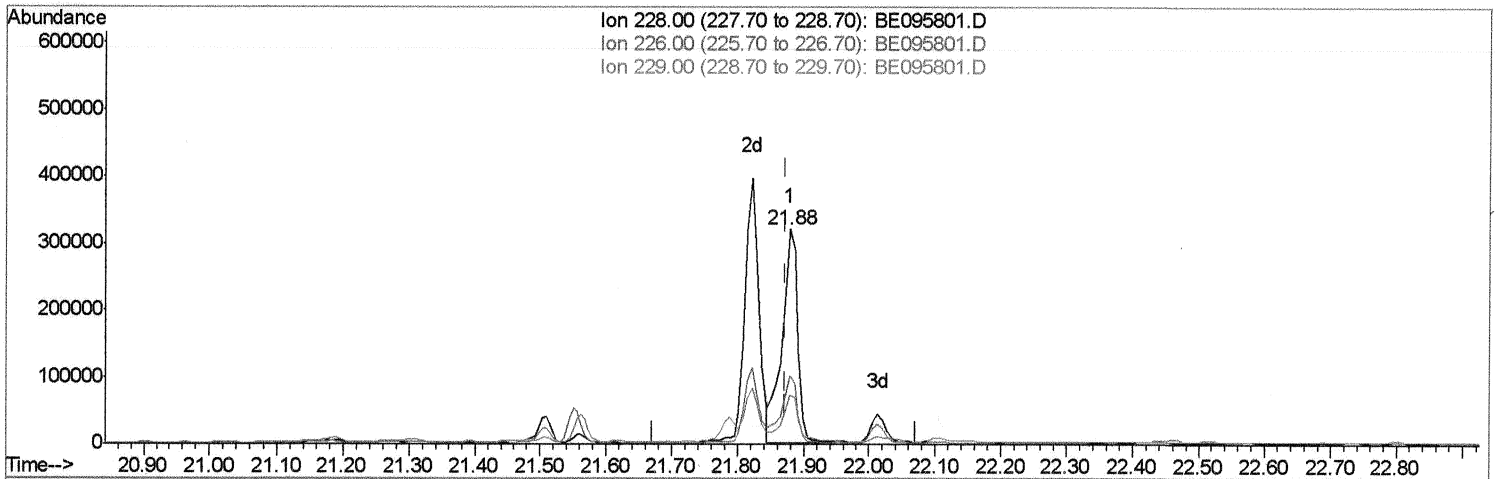
BNA_E

Instrument : 3.M Fri Mar 16 01:43:12 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(19) Chrysene

21.878min (+0.007) 24.35ng/ul m > SJ 3/16/18

response 539696

Ion	Exp%	Act%
228.00	100	100

3/16/2018 12:00:56 PM 32.34

Sohil

APPROVED 23.30

Manual Integrations 00

F6F21

ClientSampled :

BNA_E

Instrument :

3.M Fri Mar 16 01:43:31 2018

```
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\  
Data File : BE095801.D  
Acq On    : 15 Mar 2018   13:38  
Operator  : SJ/JU  
Sample    : J1813-05  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

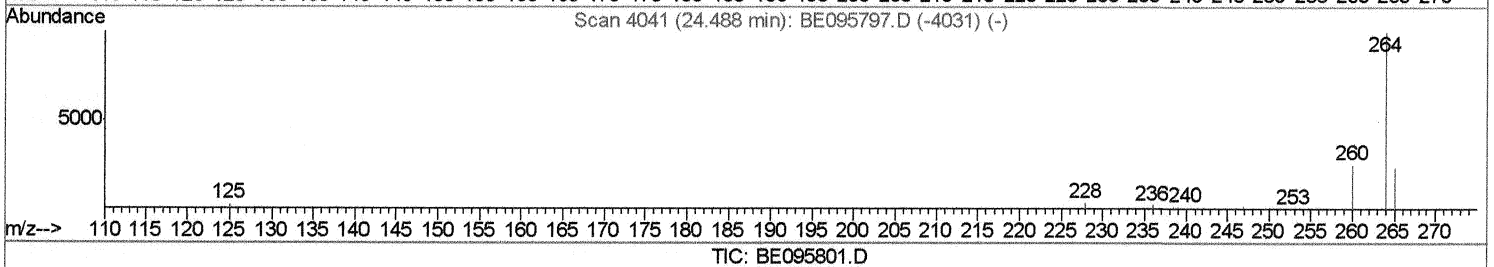
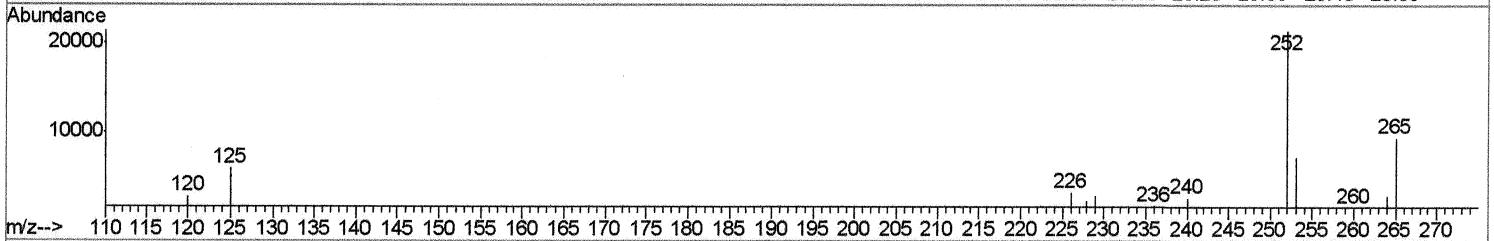
Abundance

Ion 264.00 (263.70 to 264.70): BE095801.D
 Ion 260.00 (259.70 to 260.70): BE095801.D
 Ion 265.00 (264.70 to 265.70): BE095801.D

300000
 250000
 200000
 150000
 100000
 50000
 0

Time--> 23.60 23.70 23.80 23.90 24.00 24.10 24.20 24.30 24.40 24.50 24.60 24.70 24.80 24.90 25.00 25.10 25.20 25.30 25.40 25.50

24.59 3d 1 2d

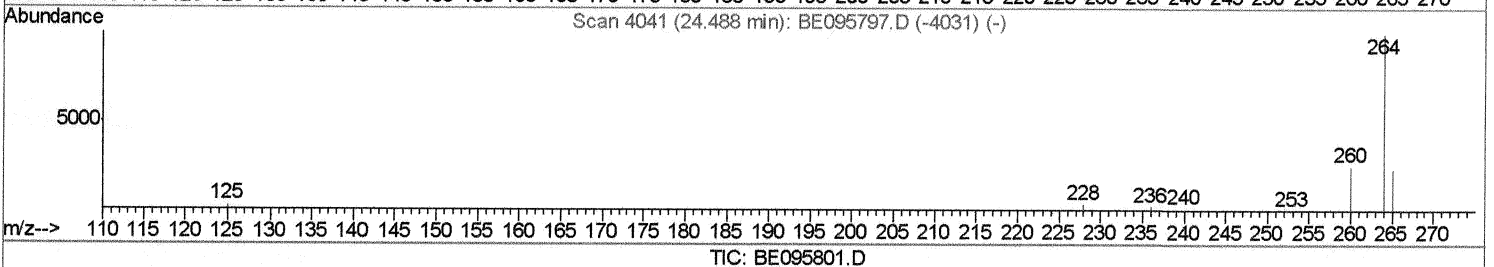
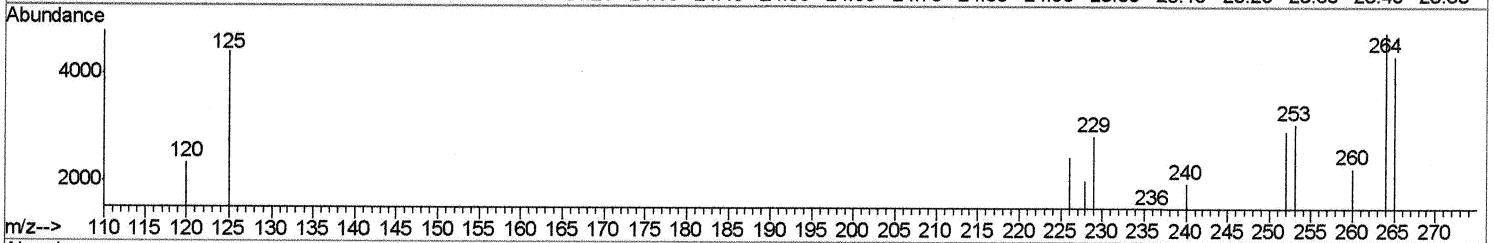
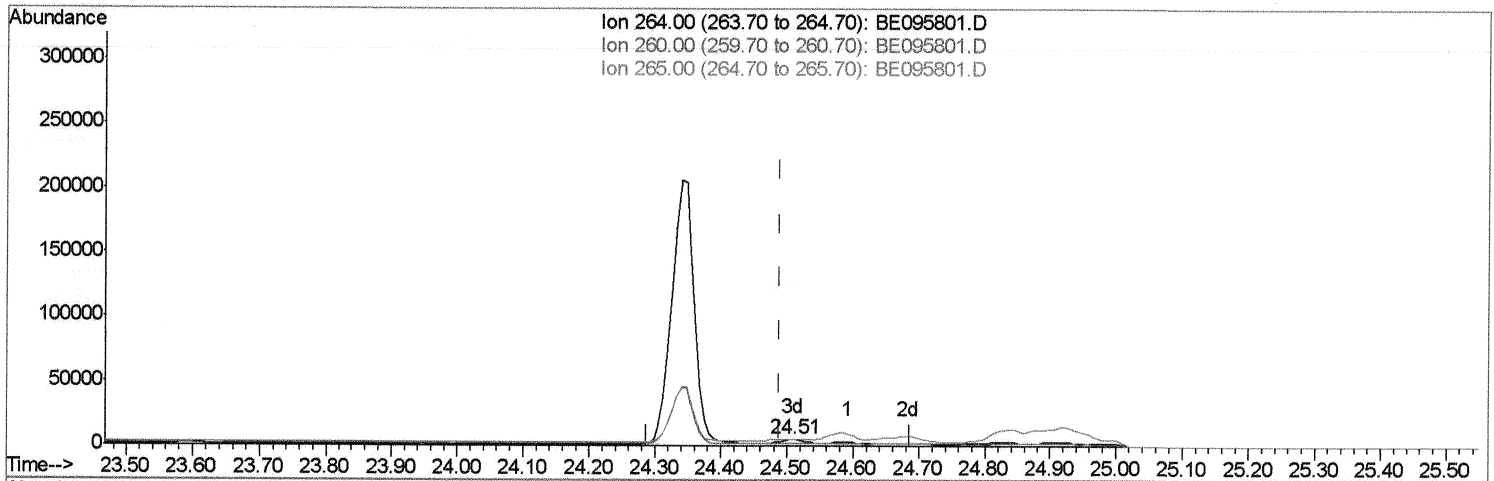


8.M Fri Mar 16 01:43:38 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:42:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.508min (+0.021) 0.40ng/ul m > SJ 3/16/18

response 7037

Ion	Exp%	Act%
264.00	100	100

3/16/2018 12:00:56 PM
 Sohil
 APPROVED
 Manual Integrations

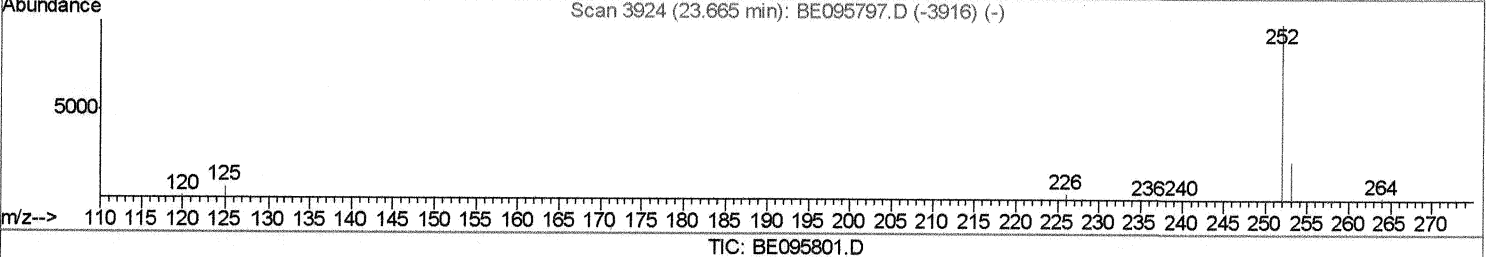
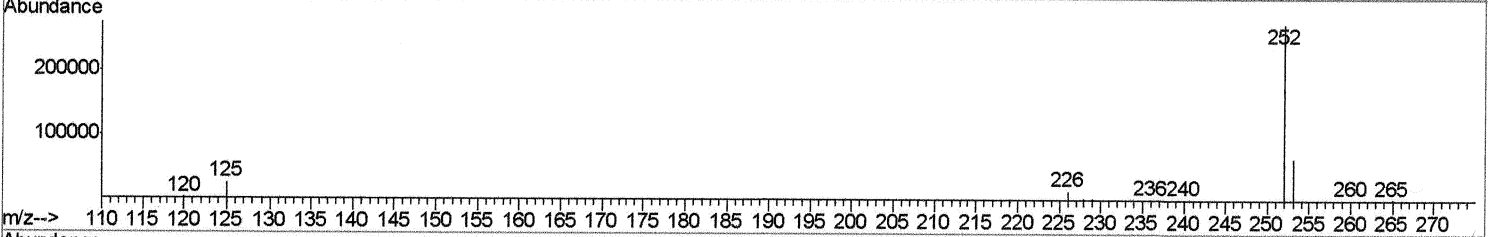
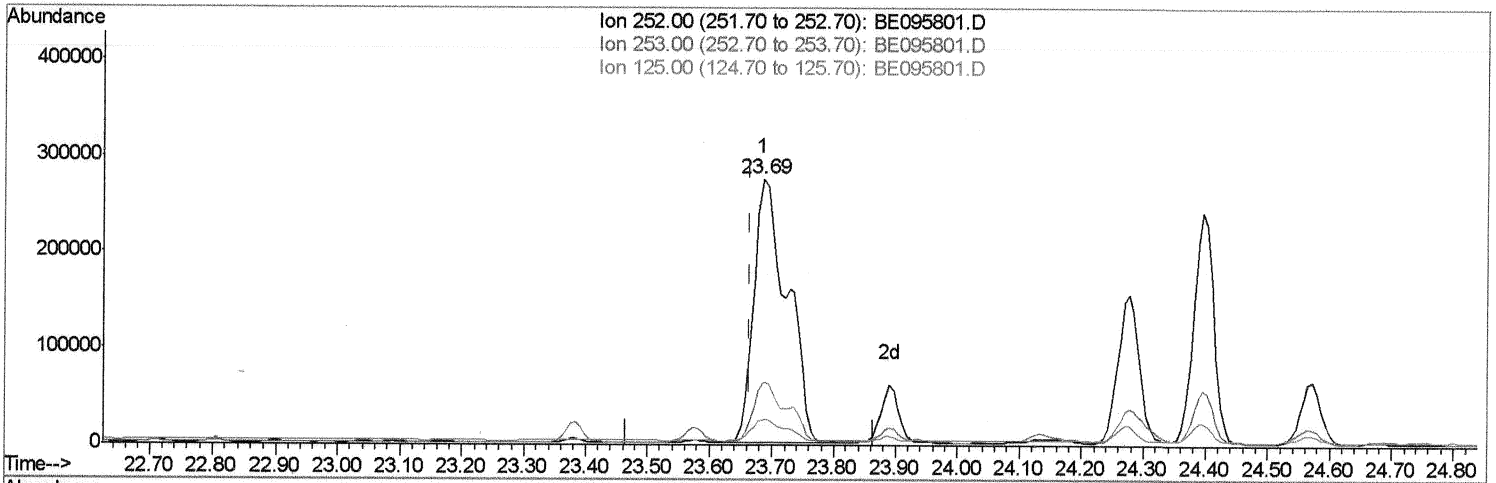
Instrument : BNA_E
 ClientSample : F6F21

2018 Mar 16 01:43:52

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.686min (+0.021) 41.58ng/ul
 response 1013648

Ion	Exp%	Act%
252.00	100	100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

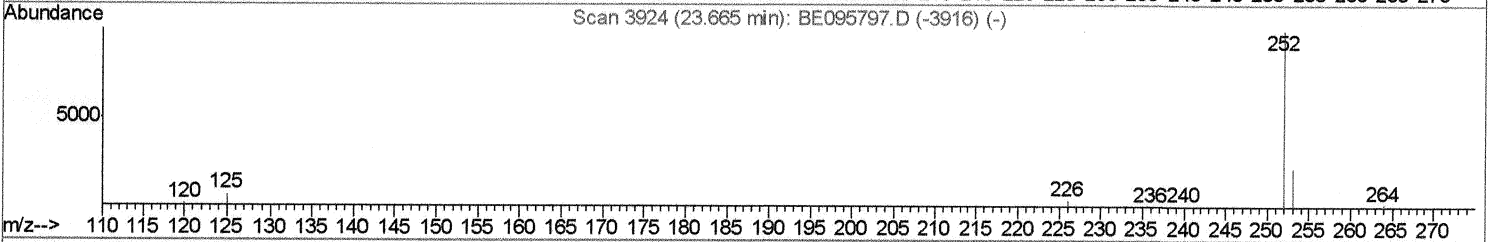
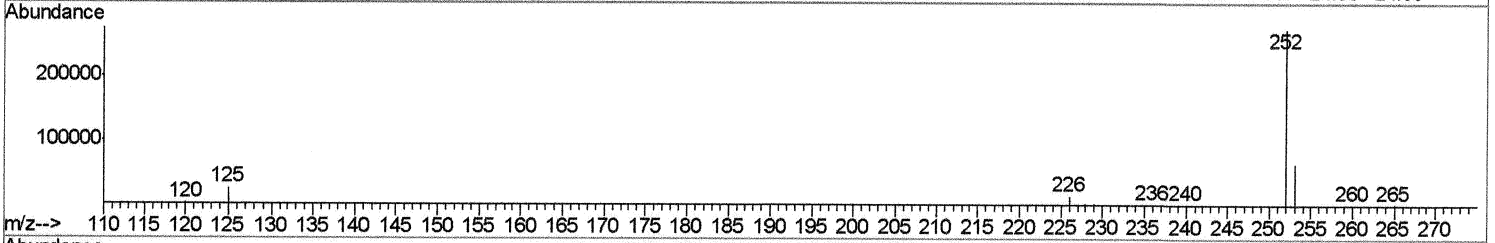
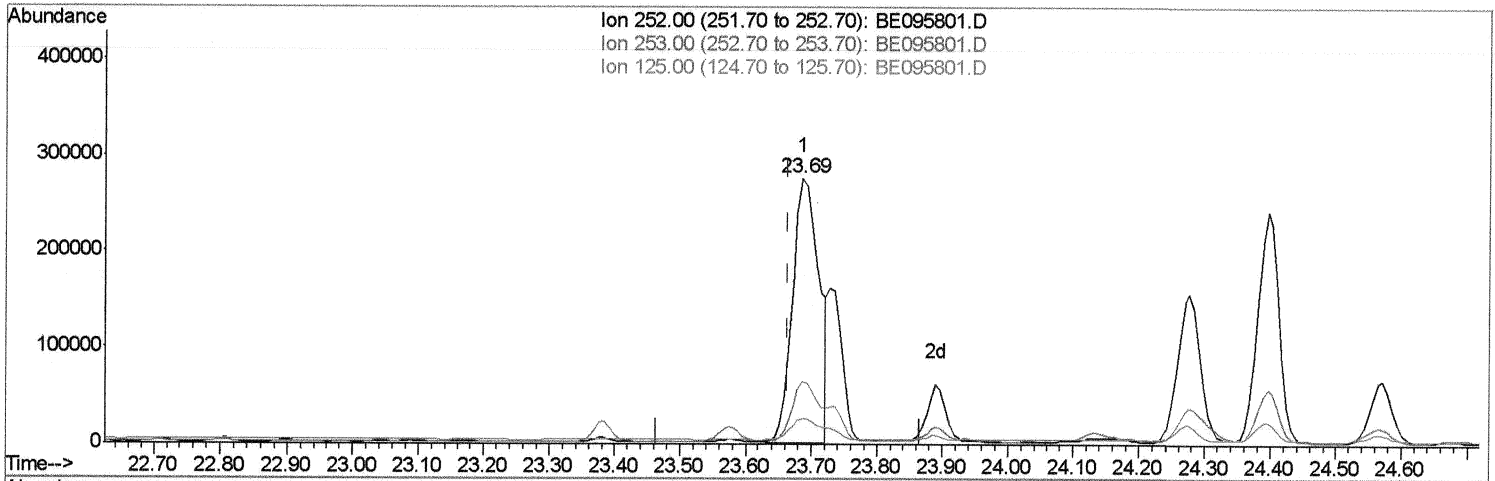
Instrument :

3.M Fri Mar 16 01:44:13 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(21) Benzo(b)fluoranthene

23.686min (+0.021) 31.96ng/ul m > SJ 3/16/18

response 779022

Ion	Exp%	Act%
252.00	100	100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

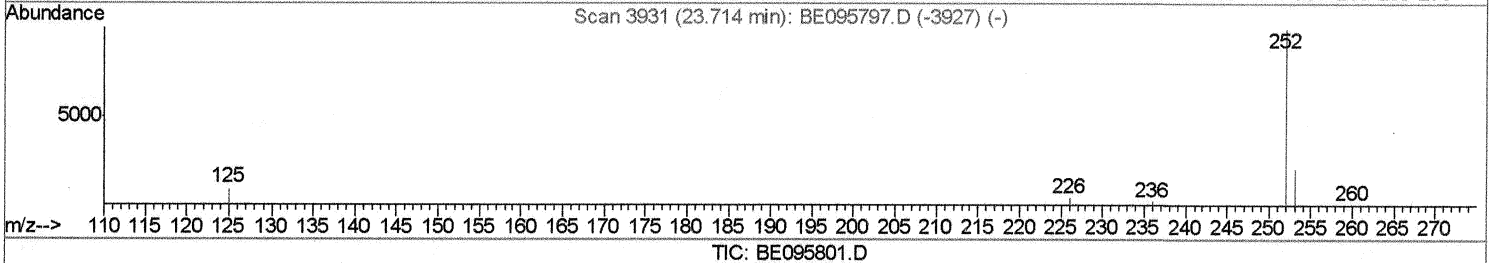
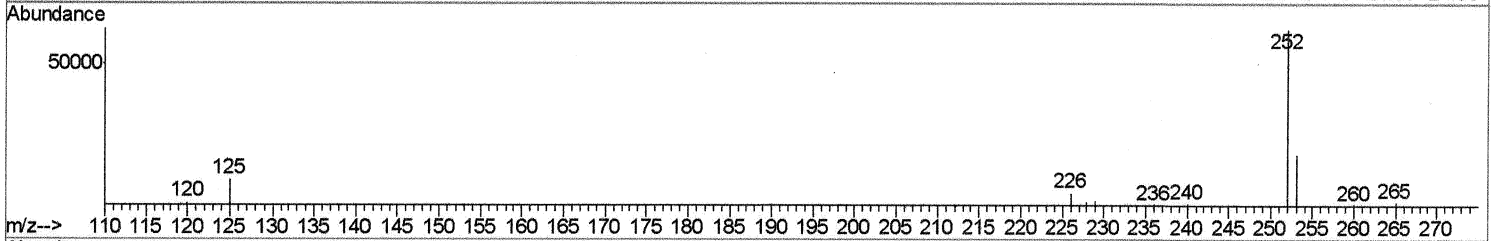
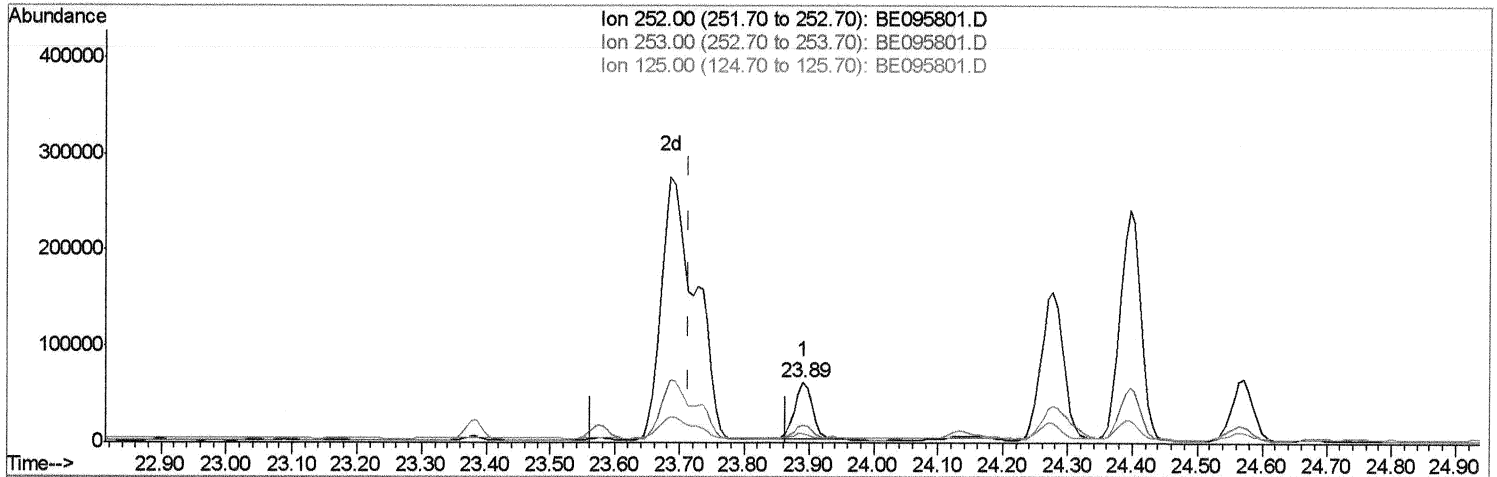
Instrument :

3.M Fri Mar 16 01:44:26 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.889min (+0.175) 5.01ng/ul
 response 115975

Ion	Exp%	Act%
252.00	100	100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

ClientSampled :

BNA_E

Instrument :

8.M Fri Mar 16 01:44:29 2018

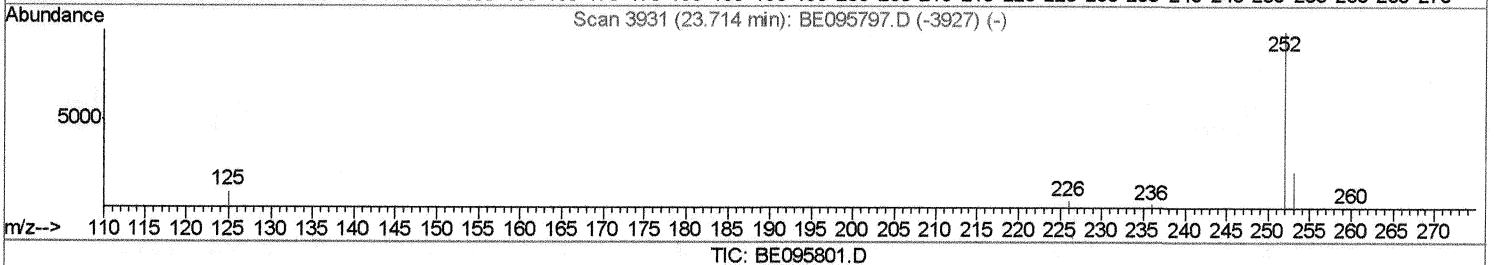
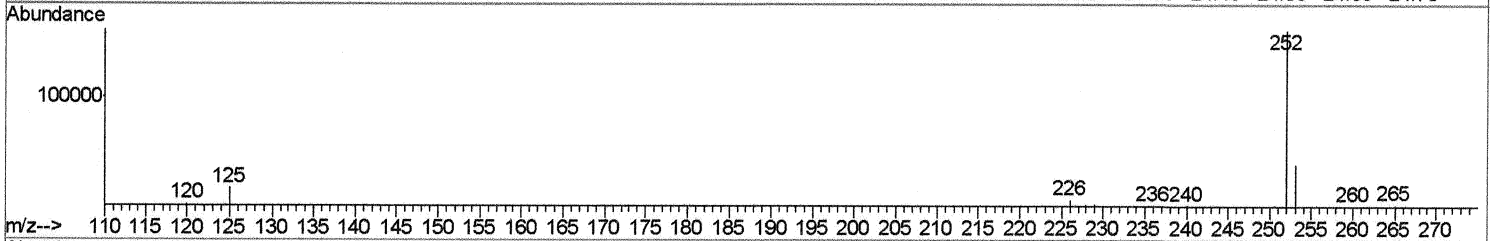
```
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\  
Data File : BE095801.D  
Acq On    : 15 Mar 2018   13:38  
Operator  : SJ/JU  
Sample    : J1813-05  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

Abundance

Ion 252.00 (251.70 to 252.70): BE095801.D
Ion 253.00 (252.70 to 253.70): BE095801.D
Ion 125.00 (124.70 to 125.70): BE095801.D

2d
23.73
1

Time--> 22.80 22.90 23.00 23.10 23.20 23.30 23.40 23.50 23.60 23.70 23.80 23.90 24.00 24.10 24.20 24.30 24.40 24.50 24.60 24.70

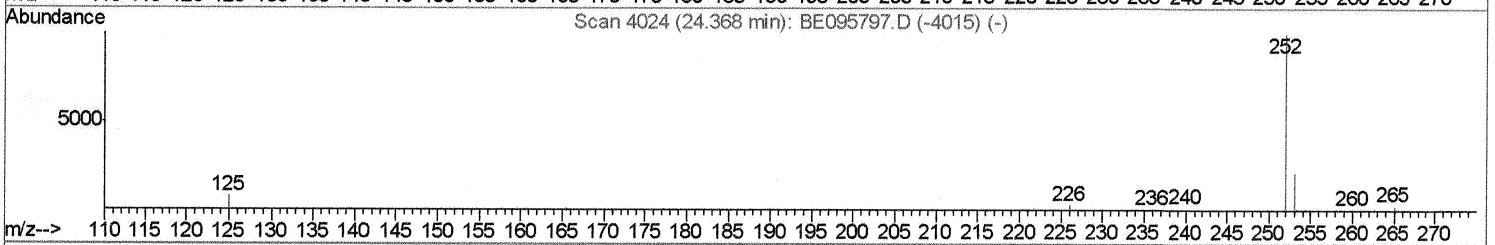
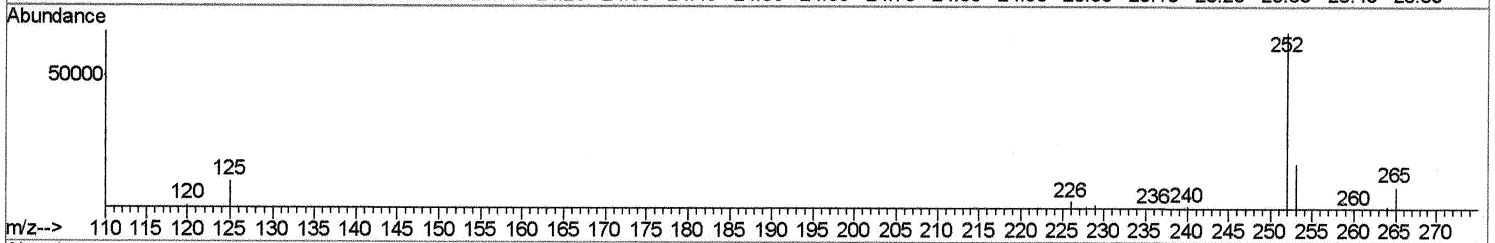
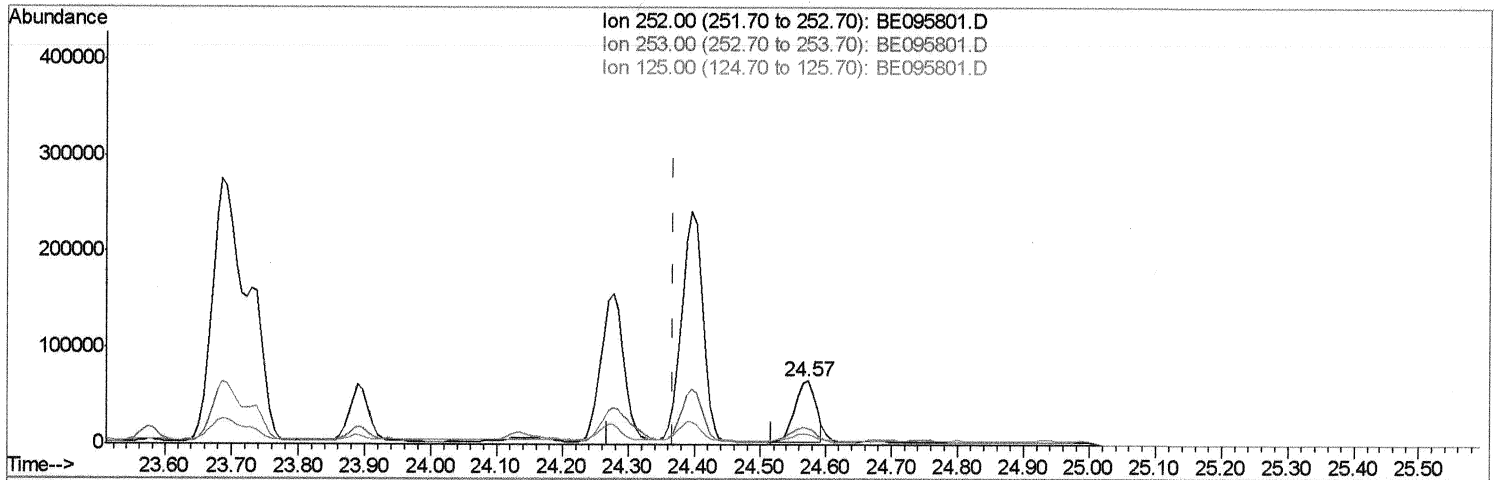


Page: 1

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(23) Benzo(a)pyrene (C)

24.572min (+0.203) 6.31ng/ul

response 140393

Ion	Exp%	Act%
252.00	100	100
253.00	100	27.44#
125.00	100	17.32#

100

27.44#

17.32#

100

Manual Integrations

APPROVED

3/16/2018 12:00:56 PM

Sohil

ClientSampled :

BNA_E

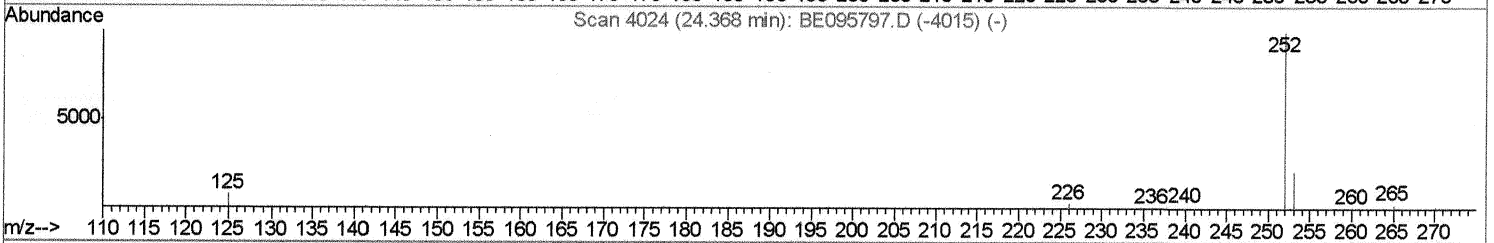
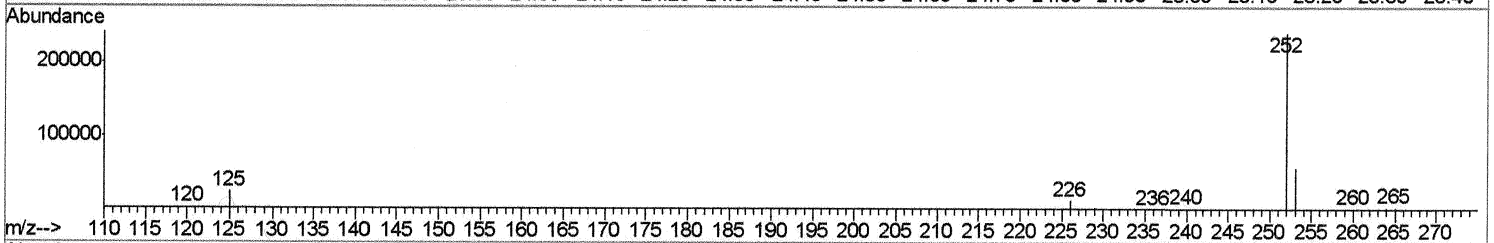
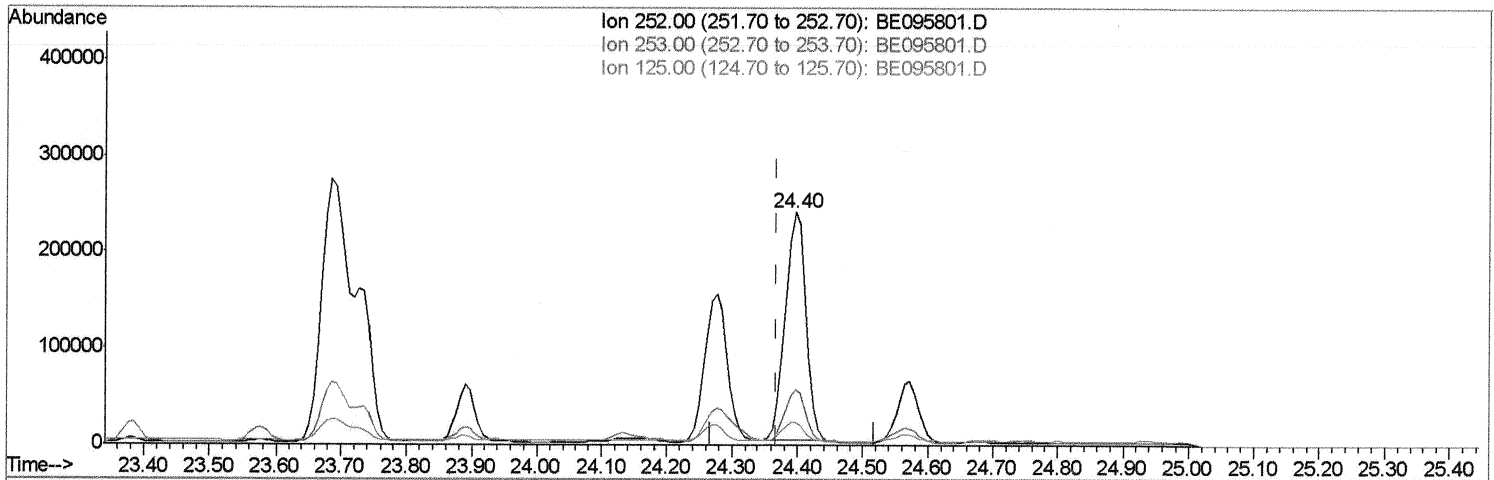
Instrument :

13.M Fri Mar 16 01:45:01 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

(23) Benzo(a)pyrene (C)

24.396min (+0.028) 23.84ng/ul m > SJ 3/16/18

response 530446

Ion Exp% Act%

252.00 100 100

23.79#

10.12#

100

3/16/2018 12:00:56 PM

Sohil

APPROVED

Manual Integrations

F6F21

Client Sampled :

BNA_E

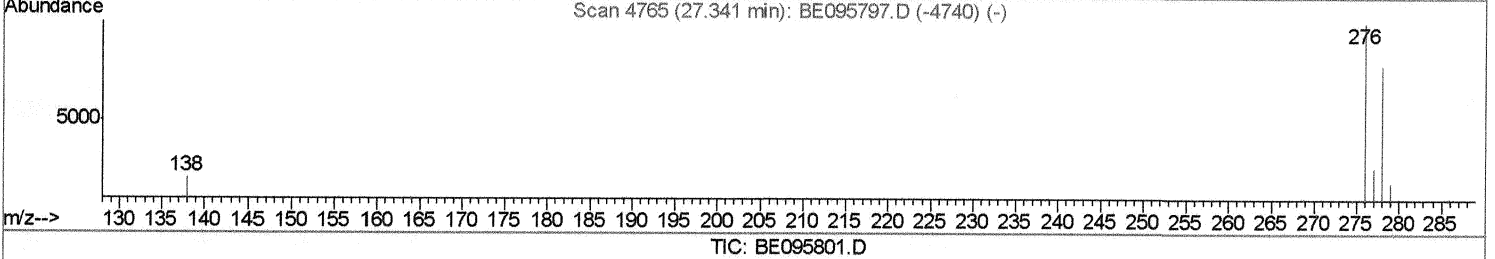
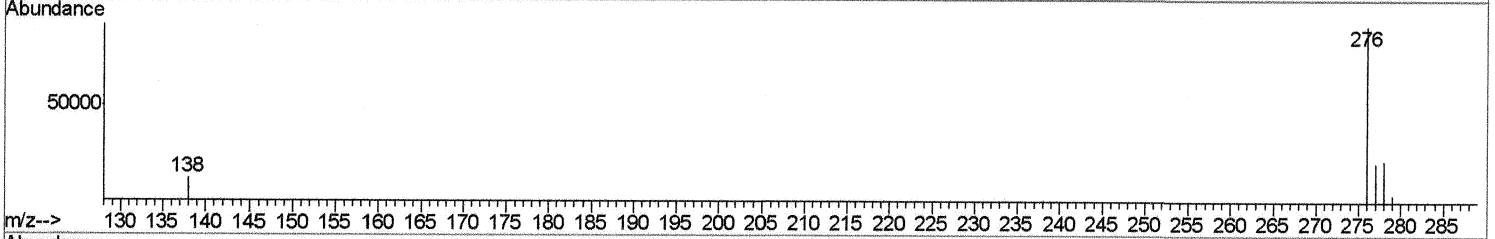
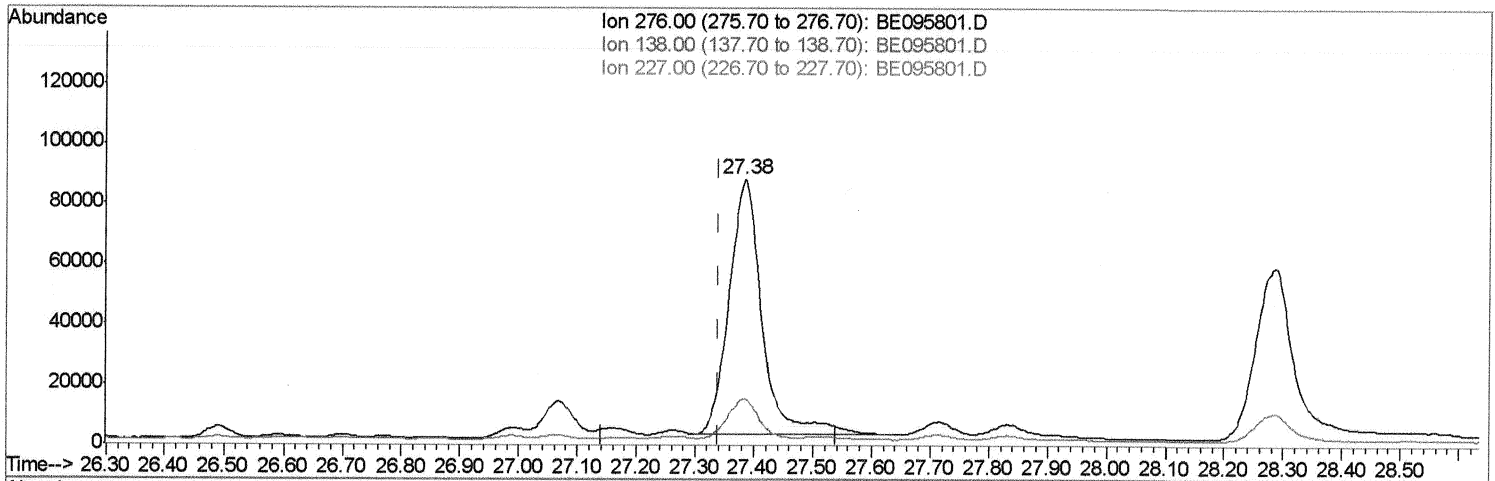
Instrument :

18.M Fri Mar 16 01:45:13 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



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

27.383min (+0.042) 13.59ng/ul

response 335366

Ion Exp% Act%

276.00 100 100

3/16/2018 12:00:56 PM 17.31#

Sohil

APPROVED

Manual Integrations 0.00#

F6F21

ClientSampled :

BNA_E

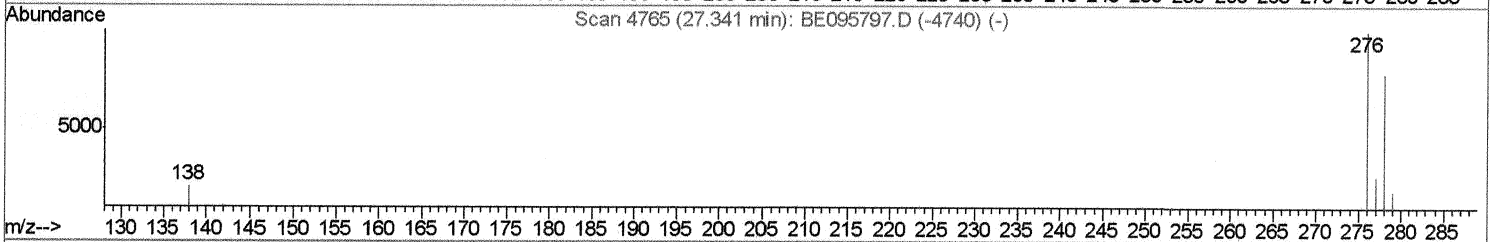
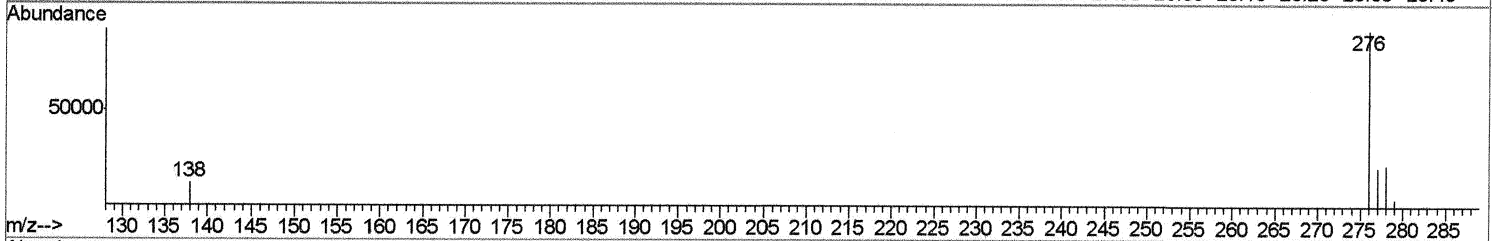
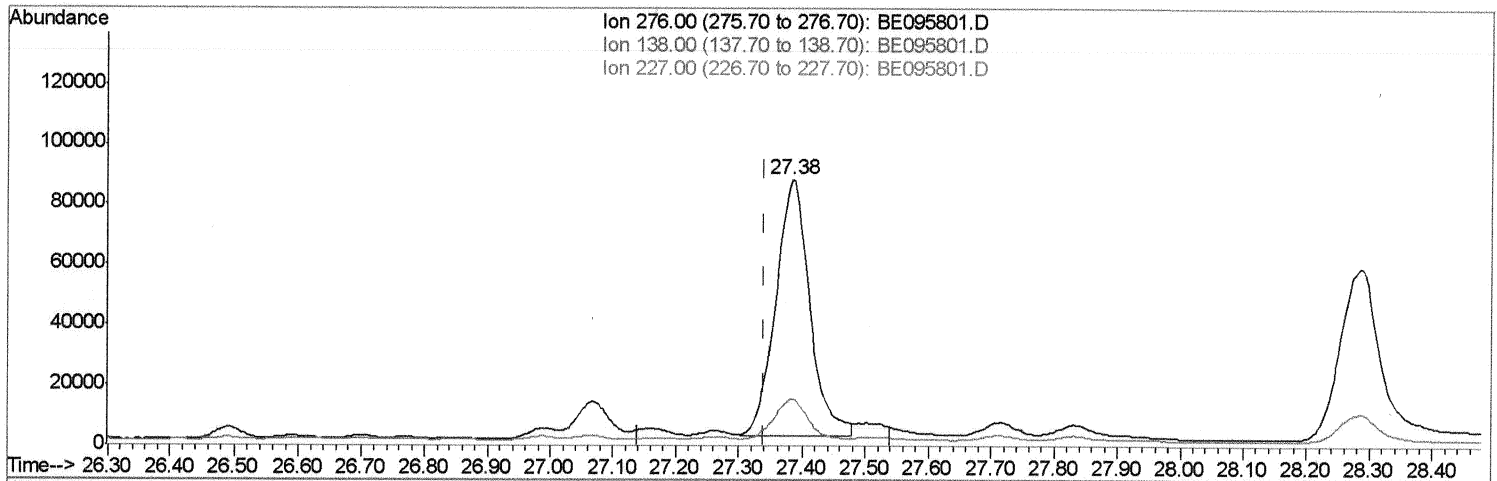
Instrument :

8.M Fri Mar 16 01:45:43 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095801.D

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

27.383min (+0.042) 13.00ng/ul m> SJ 3/16/18

response 320803

Ion Exp% Act%

276.00 100 100

3/16/2018 12:00:56 PM 18.10#

Sohil

APPROVED

Manual Integrations 0.00#

F6F21

ClientSampled :

BNA_E

Instrument : 3.M Fri Mar 16 01:45:55 2018

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 01:45:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2149	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	6235	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3497	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	7285m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	6747m	0.40	ng/ul	0.01
20) Perylene-d12	24.51	264	7037m	0.40	ng/ul	0.02

SJ 3/16/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.83	152	3484	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	8072m	0.35	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.33	128	82358	4.732	ng/ul#	88
5) 2-Methylnaphthalene	12.91	142	22362	1.848	ng/ul	100
7) Acenaphthylene	14.77	152	16965	0.961	ng/ul	99
8) Acenaphthene	15.10	153	82703	6.219	ng/ul	94
9) Fluorene	16.06	166	59242	4.106	ng/ul#	92
12) Phenanthrene	17.79	178	633899m	29.055	ng/ul	
13) Anthracene	17.87	178	168574m	8.264	ng/ul	
15) Fluoranthene	19.76	202	977689m	36.994	ng/ul	
17) Pyrene	20.11	202	787967m	30.757	ng/ul	
18) Benzo(a)anthracene	21.82	228	586057m	26.921	ng/ul	
19) Chrysene	21.88	228	539696m	24.348	ng/ul	
21) Benzo(b)fluoranthene	23.69	252	779022m	31.959	ng/ul	
22) Benzo(k)fluoranthene	23.73	252	238053m	10.273	ng/ul	
23) Benzo(a)pyrene	24.40	252	530446m	23.835	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.38	276	320803m	13.000	ng/ul	
25) Dibenzo(a,h)anthracene	27.38	278	80149	4.062	ng/ul	97
26) Benzo(a,h,i)perylene	28.29	276	283602	13.378	ng/ul#	91

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

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Sohil

APPROVED
Manual Integrations
 Client Sampled :
 BNA_E
 Instrument :

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