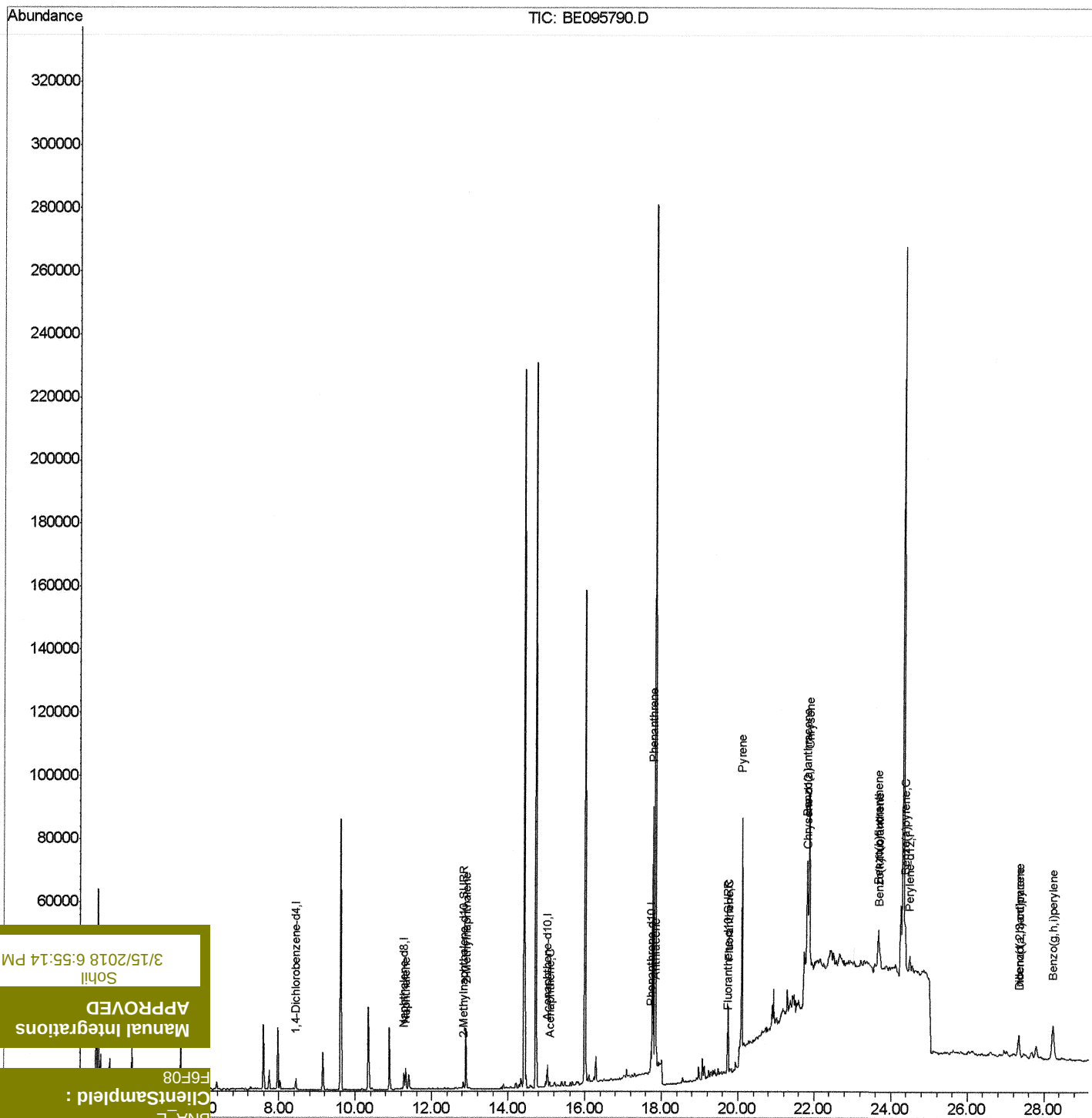


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

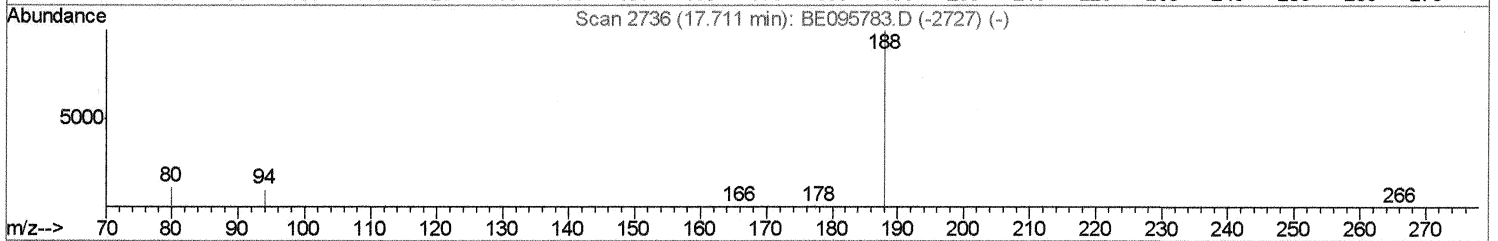
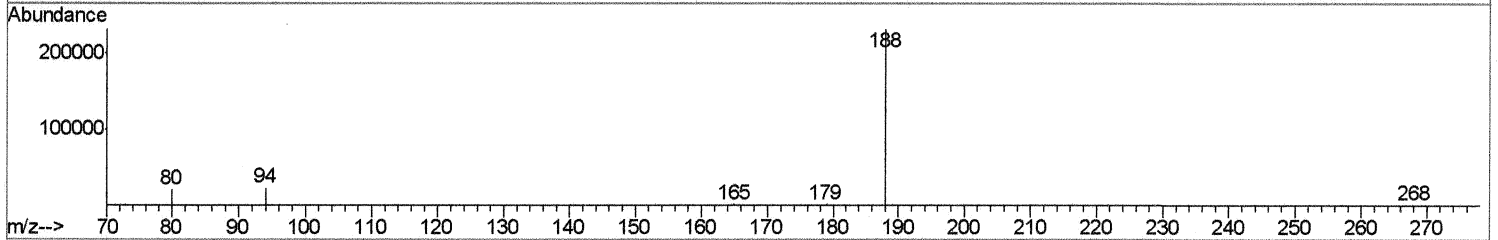
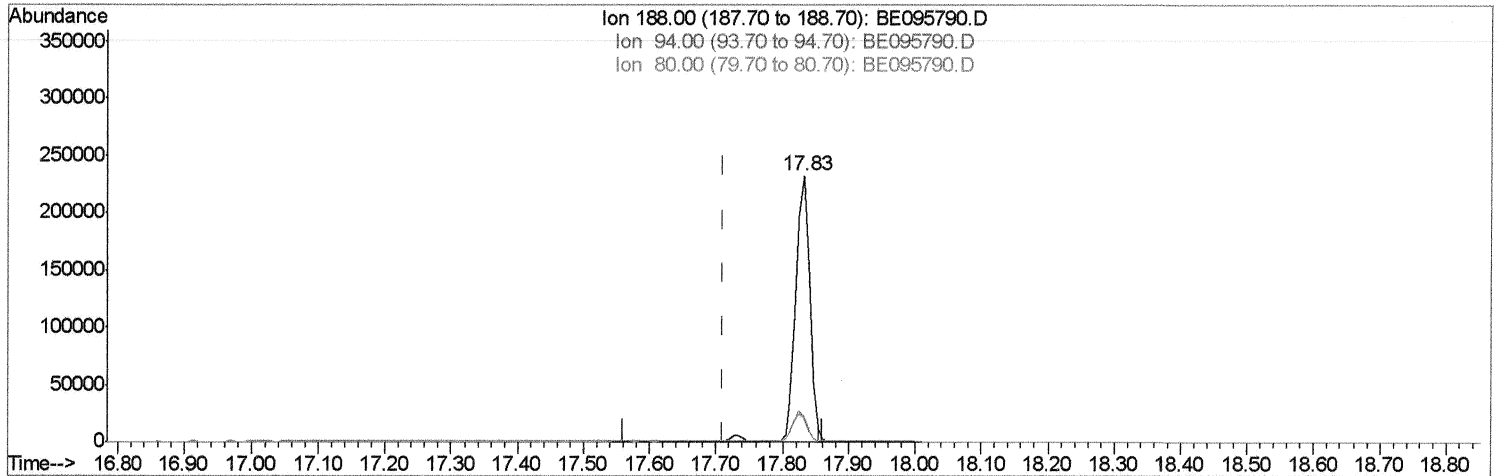
Quant Time: Mar 15 09:04:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:35:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(10) Phenanthrene-d10 (I)

17.832min (+0.120) 0.40ng/ul

response 330564

Ion Exp% Act%

100

3/15/2018 6:55:14 PM

Sohil

9.74

APPROVED

8.93#

Manual Integrations

100

F6F08

ClientSampled :

BNA_E

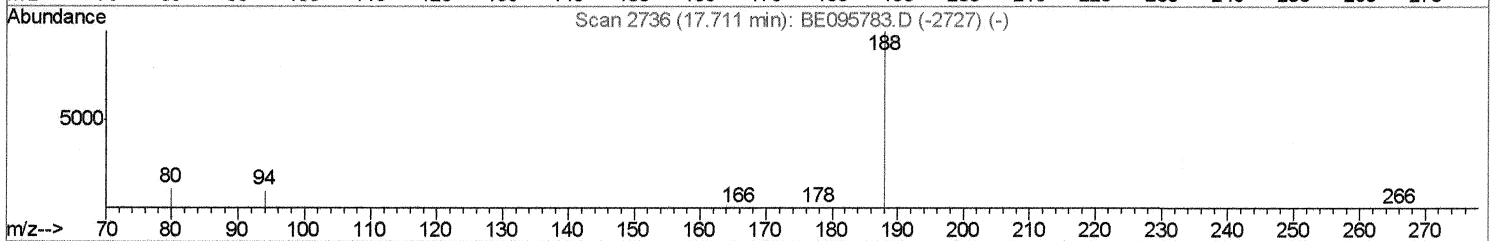
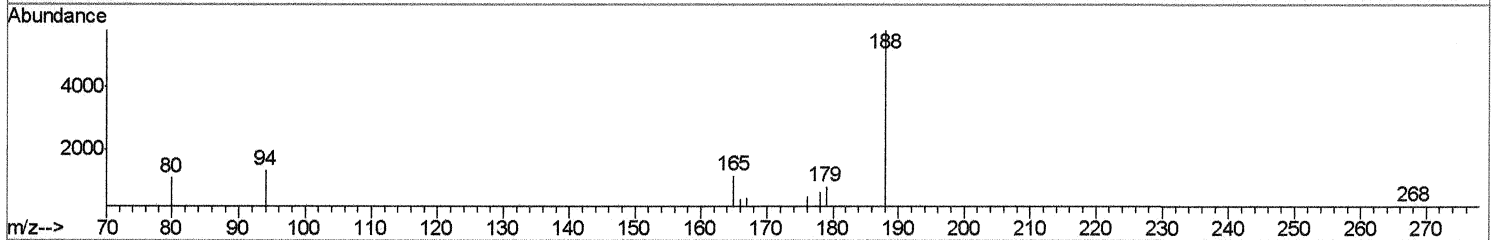
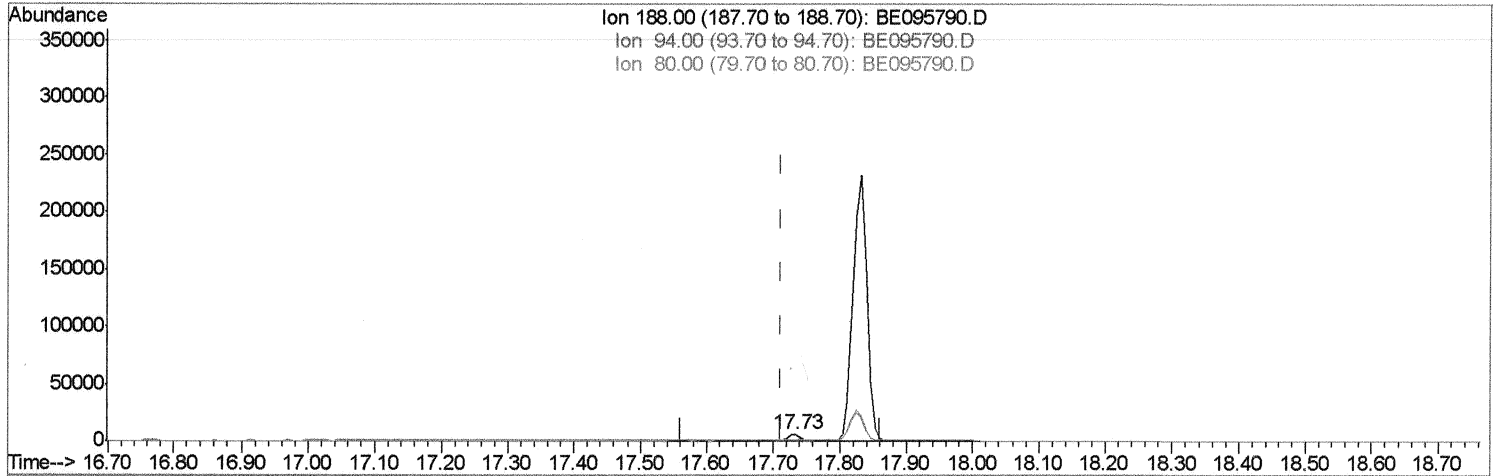
Instrument :

SOM-EPA-SIM-BE031318.M Thu Mar 15 08:59:09 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:35:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(10) Phenanthrene-d10 (I)

17.733min (+0.022) 0.40ng/ul m > SJ 3/16/18

response 8140

Ion Exp% Act%

100

3/15/2018 6:55:14 PM

Sohil

22.96#

APPROVED

9.12#

Manual Integrations

100

F6F08

ClientSampled :

BNA_E

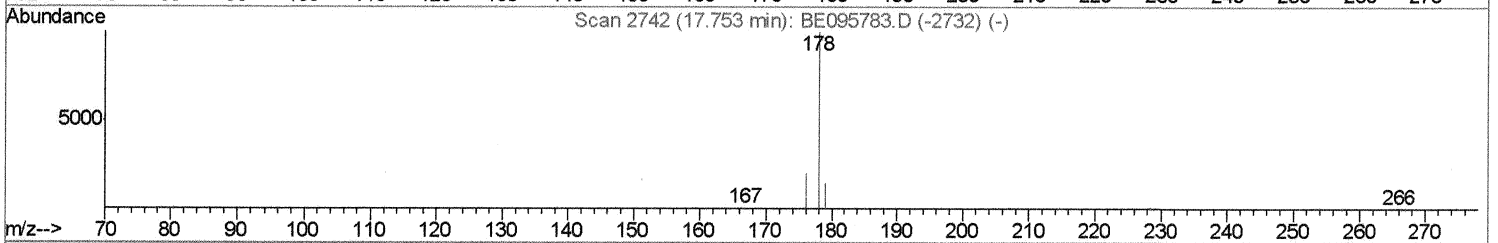
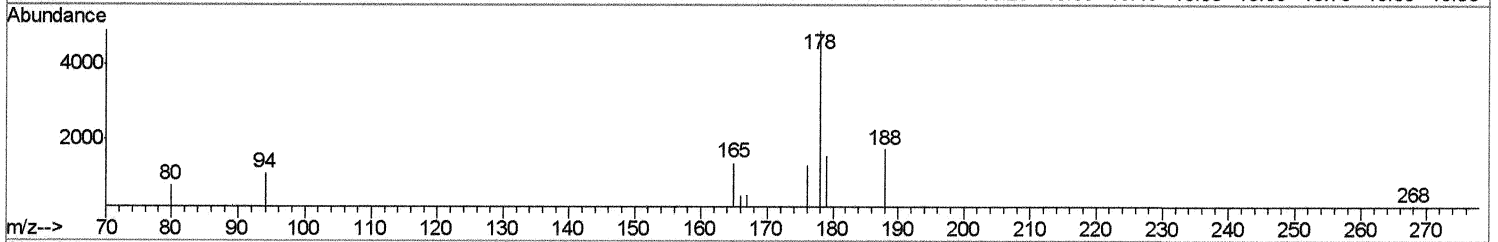
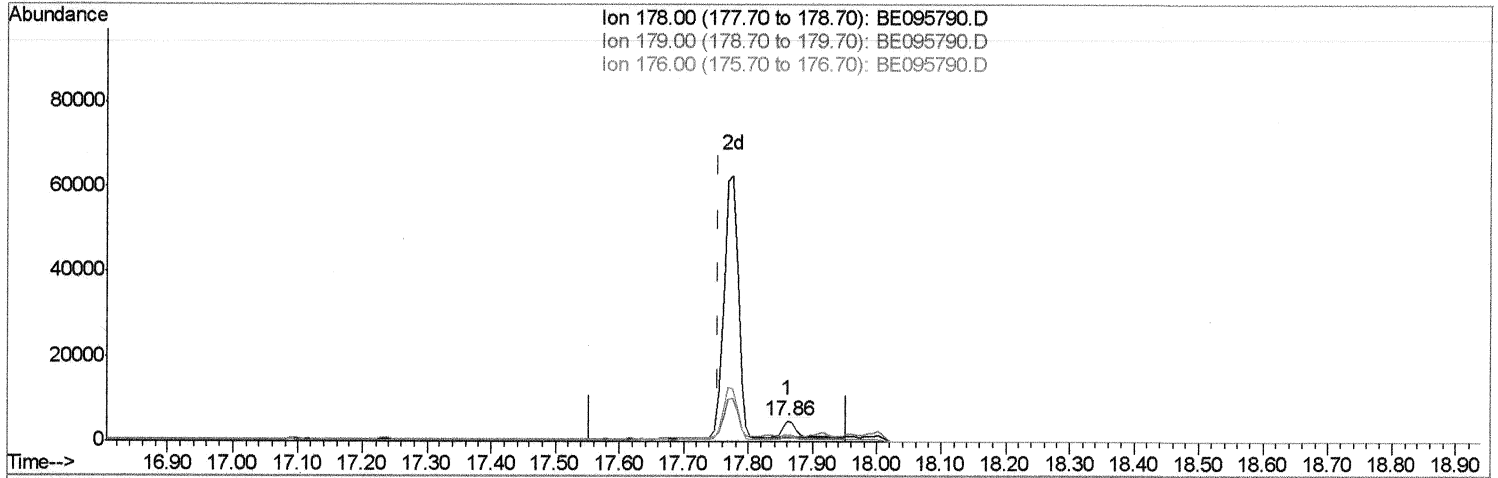
Instrument :

SOM-EPA-SIM-BE031318.M Thu Mar 15 08:59:29 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(12) Phenanthrene

17.860min (+0.106) 0.27ng/ul

response 6585

Ion Exp% Act%

100

3/15/2018 6:55:14 PM

Sohil

31.50#

APPROVED

26.73#

Manual Integrations

100

F6F08

ClientSampled :

BNA_E

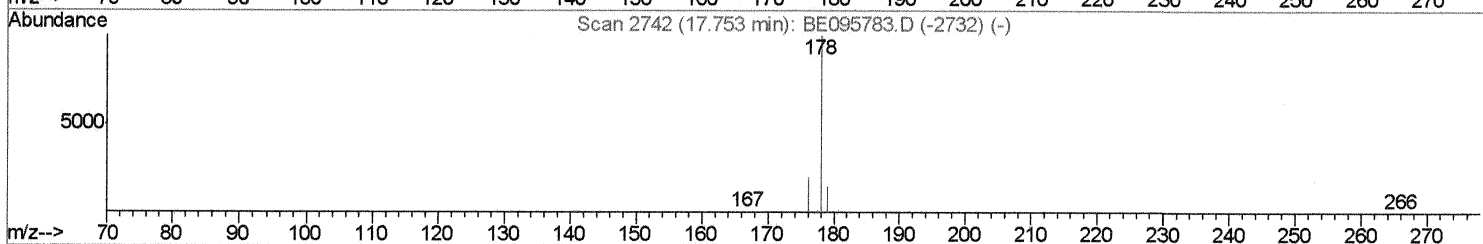
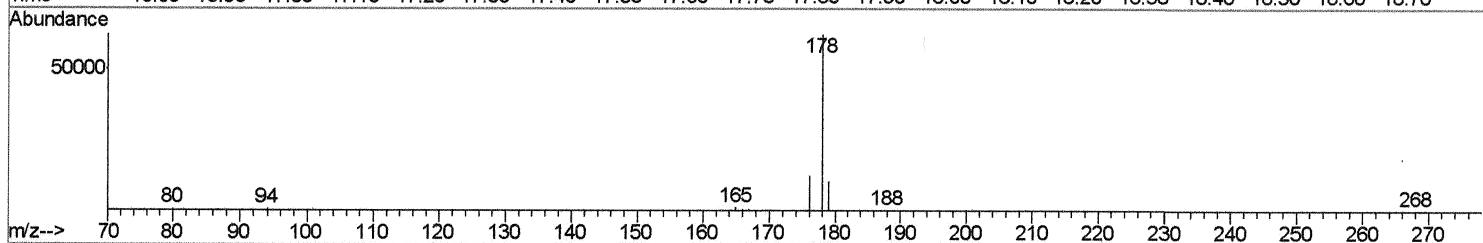
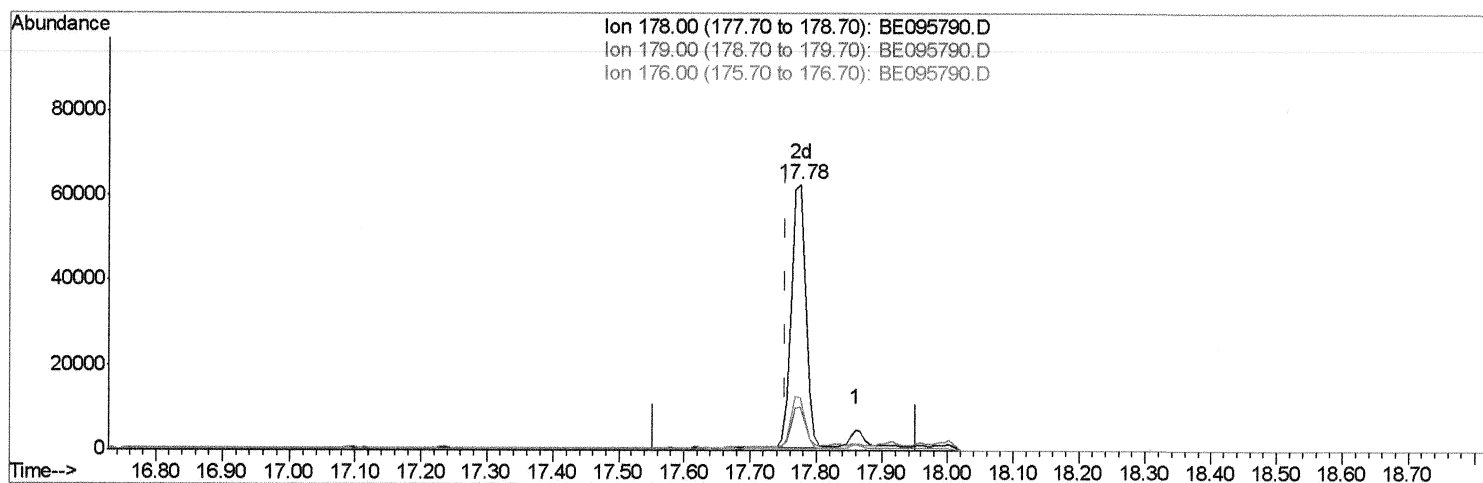
Instrument :

SOM-EPA-SIM-BE031318.M Thu Mar 15 08:59:48 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(12) Phenanthrene

17.775min (+0.022) 3.95ng/ul m > 50 3/16/18

response 96313

Ion	Exp%	Act%
178.00	100	100
176.00	16.47	16.47
179.00	20.19	20.19
177.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

Client Sampled :

BNA_E

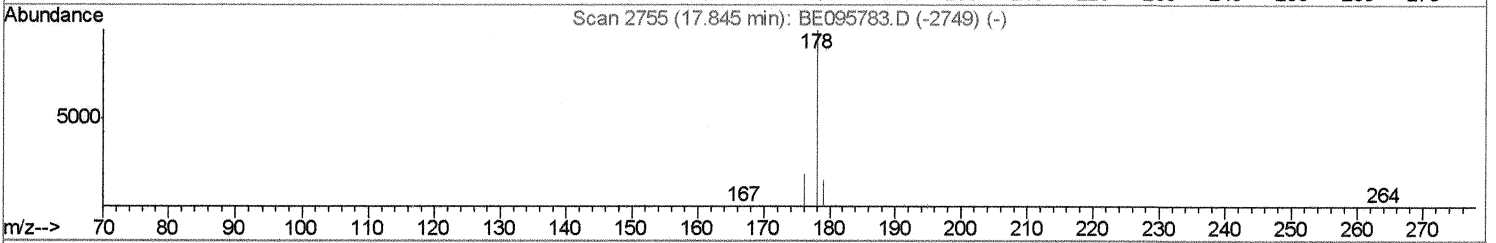
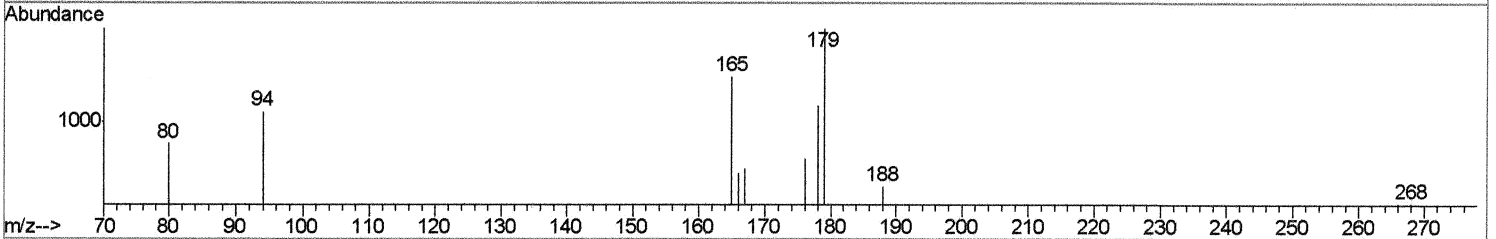
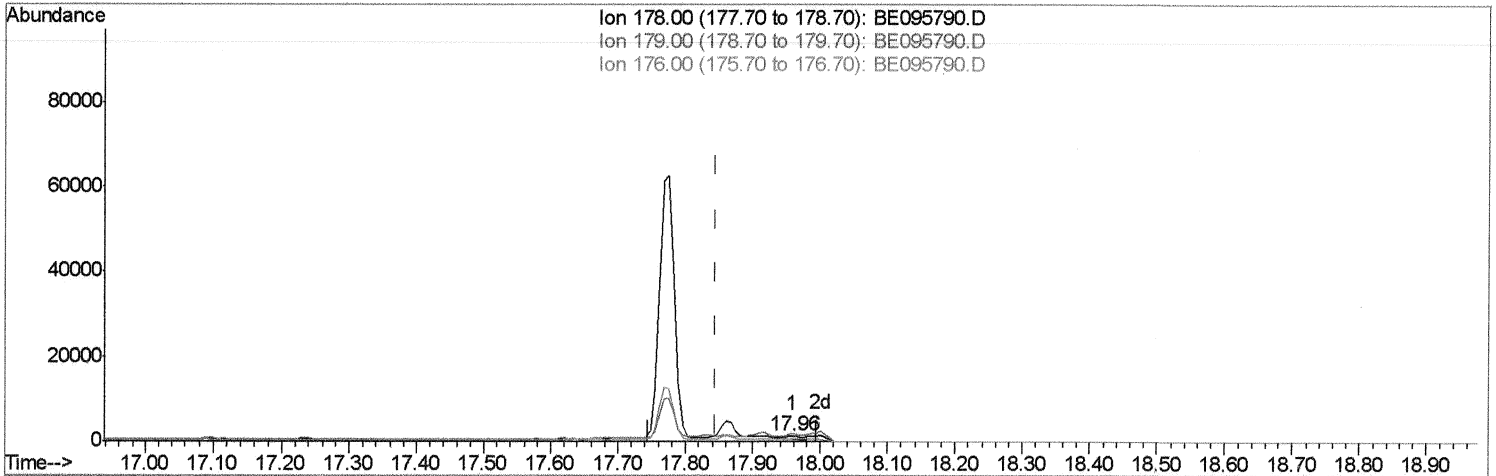
Instrument :

BE095790.D Thu Mar 15 09:00:00 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(13) Anthracene

17.958min (+0.113) 0.04ng/ul

response 1025

Ion Exp% Act%

Ion	Exp%	Act%
178.00	100	100
179.00	100	63.08
176.00	100	56.39
177.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

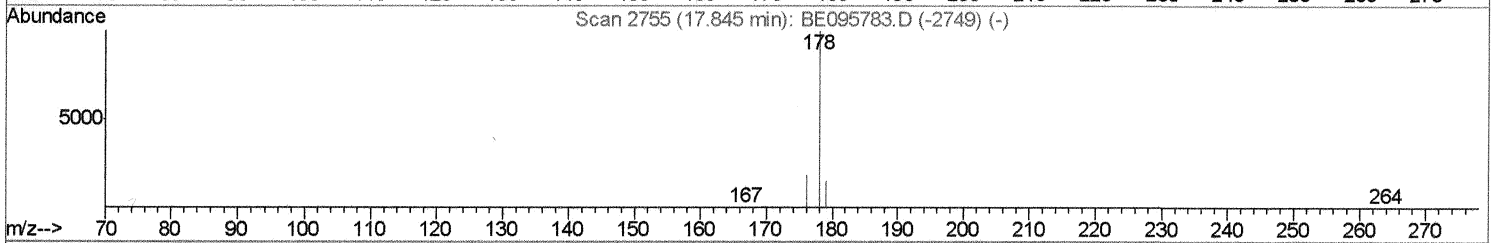
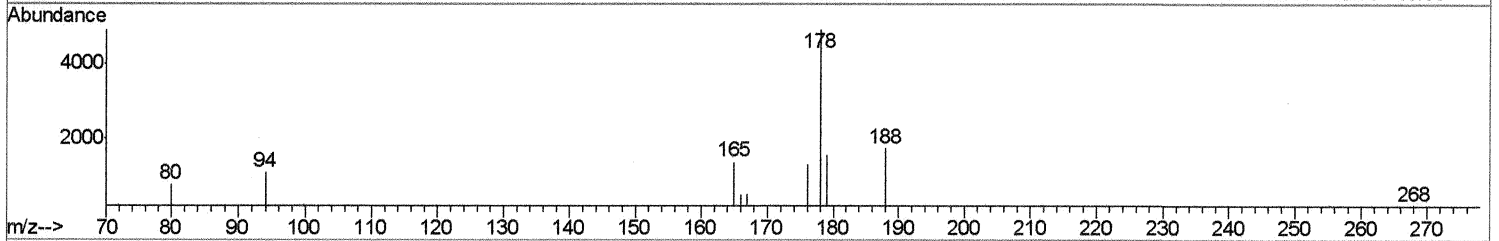
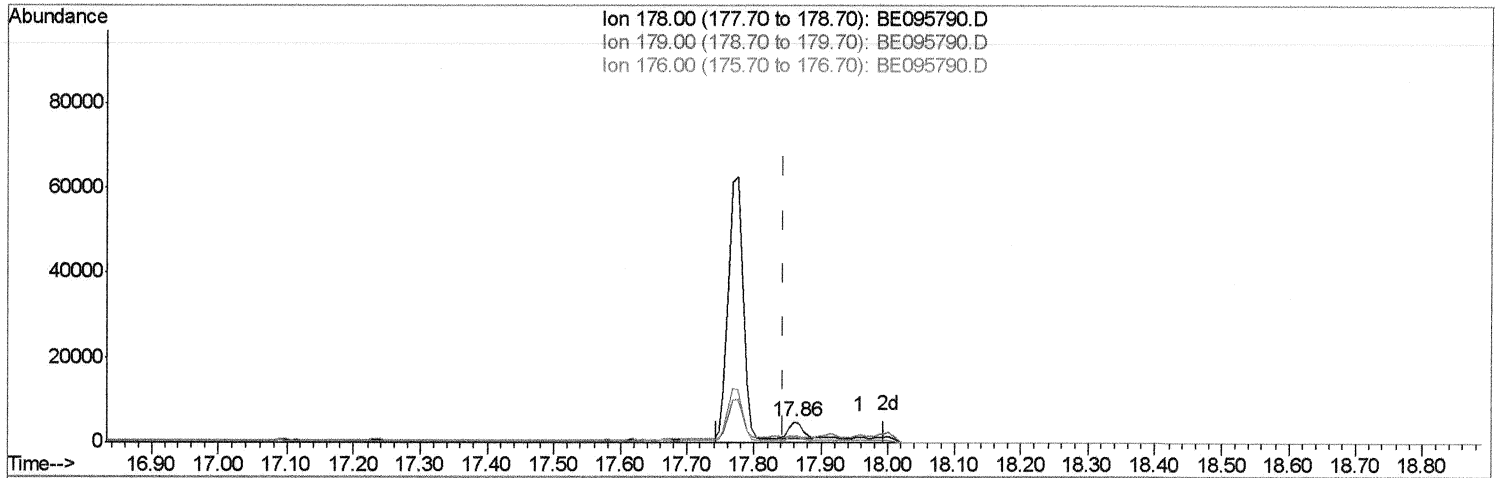
Instrument :

18.M Thu Mar 15 09:00:03 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(13) Anthracene

17.860min (+0.015) 0.26ng/ul m> SJ 3/16/18

response 5926

Ion	Exp%	Act%
178.00	100	100
179.00	31.50	26.73
177.00	0.00	0.00

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

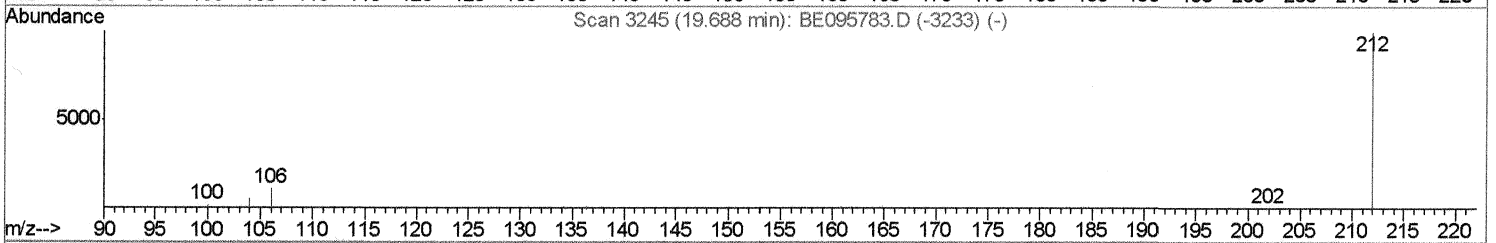
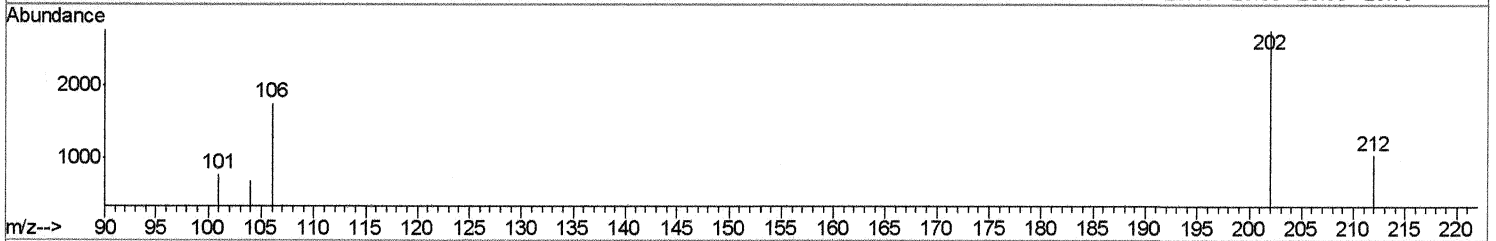
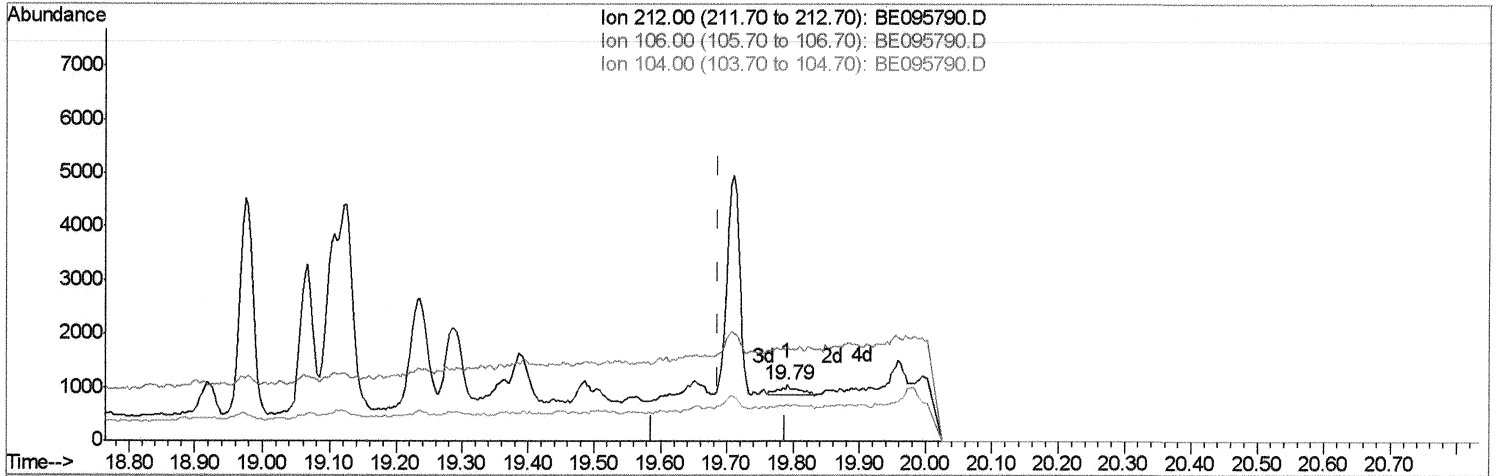
Instrument :

BE031318.M Thu Mar 15 09:00:12 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(14) Fluoranthene-d10 (SURR)

19.791min (+0.103) 0.01ng/ul

response 336

Ion	Exp%	Act%
212.00	100	100
106.00	59.23	52.38
100.00	52.38	100

3/15/2018 6:55:14 PM

APPROVED

Manual Integrations

Client Sampled : F6F08

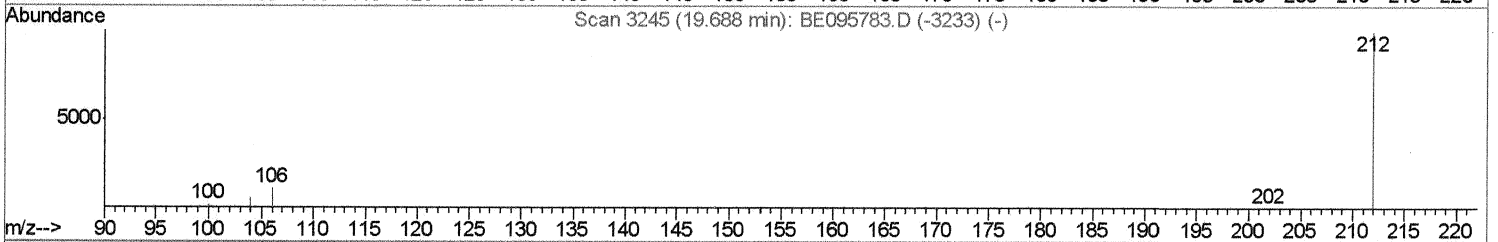
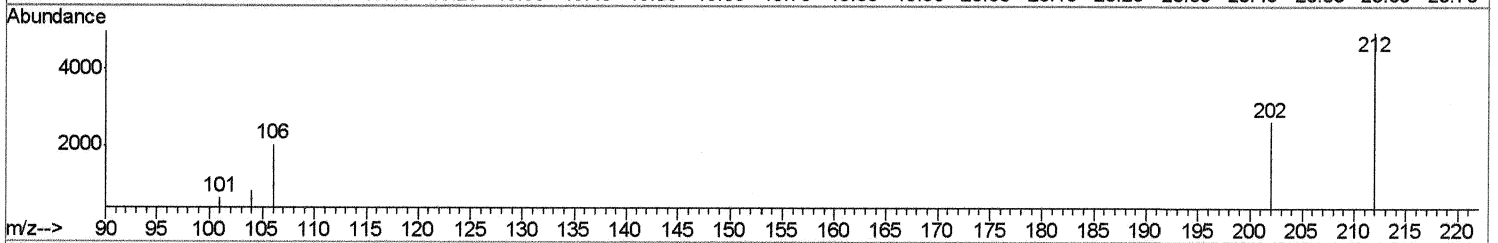
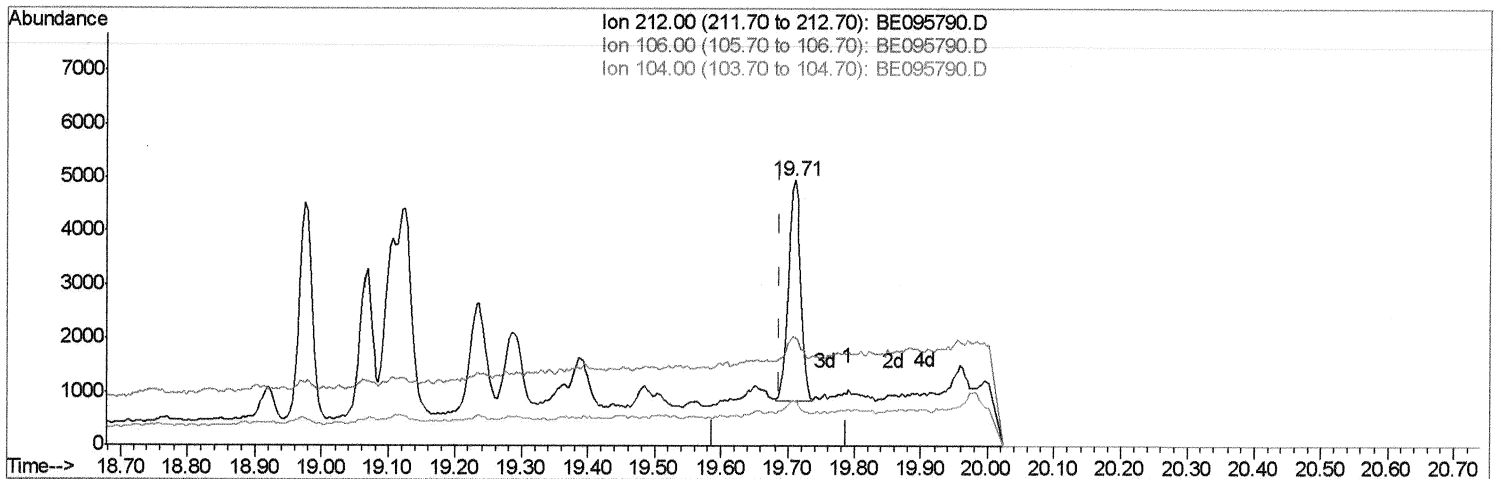
Instrument : BNA_E

BE031418.M Thu Mar 15 09:00:16 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(14) Fluoranthene-d10 (SURR)

19.709min (+0.021) 0.22ng/ul m > SJ 3/16/18

response 5582

Ion	Exp%	Act%
212.00	100	100
106.00	100	3.57#
104.00	100	3.15#
100.00	100	0.00

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

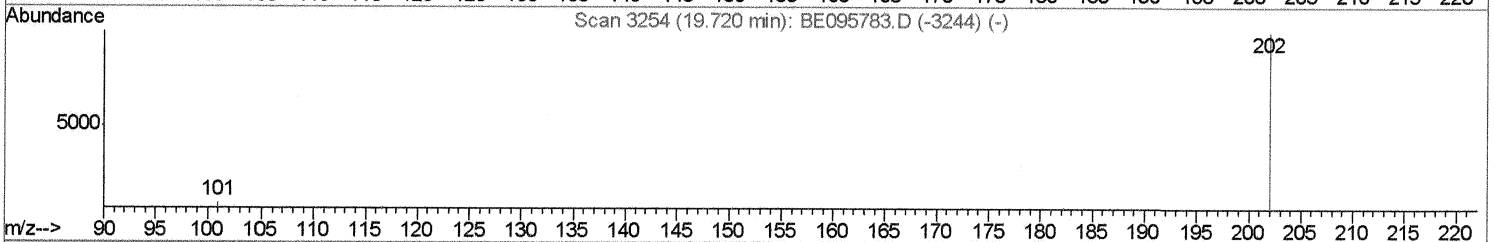
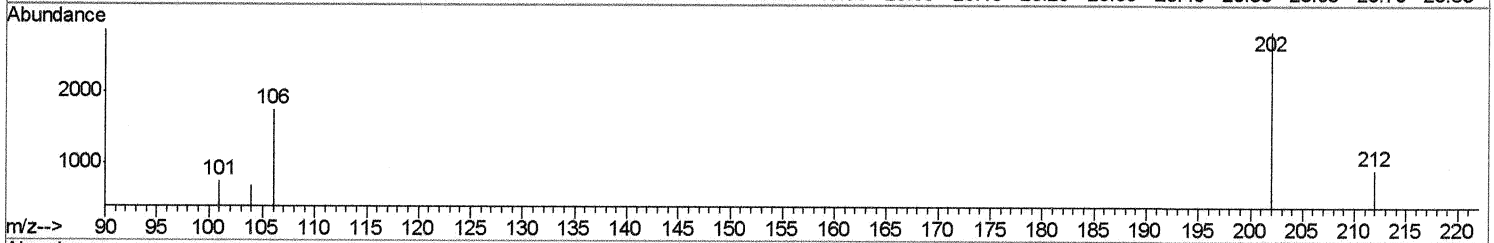
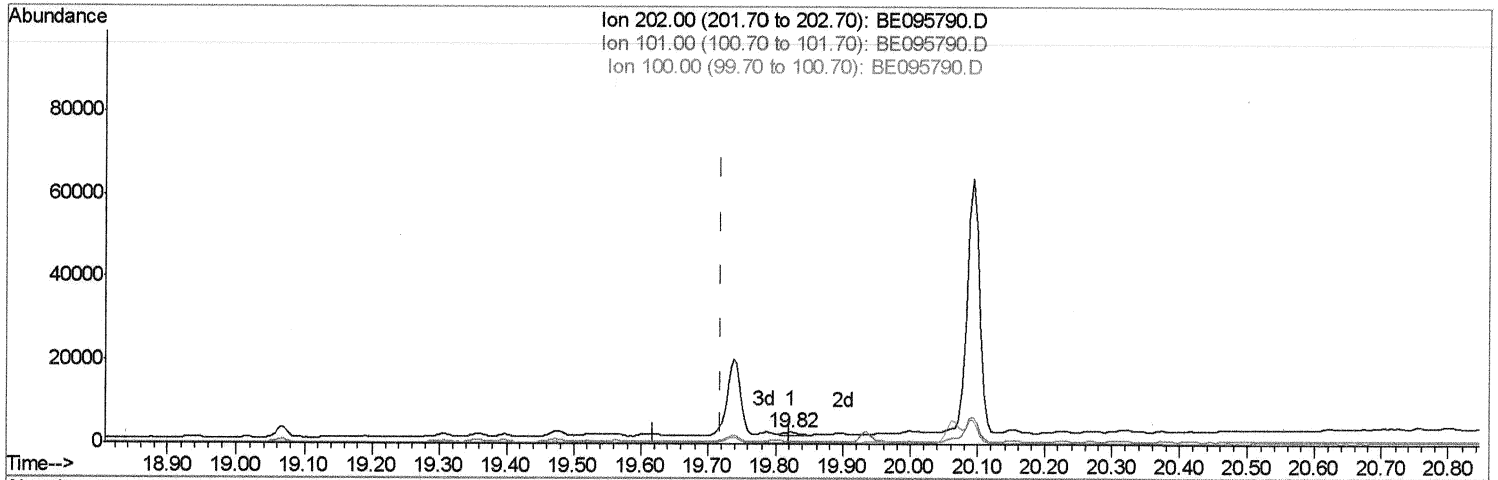
Instrument :

8.M Thu Mar 15 09:00:29 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(15) Fluoranthene (C)

19.823min (+0.103) 0.03ng/ul

response 981

Ion	Exp%	Act%
202.00	100	100
101.00	25.47	12.89
100.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

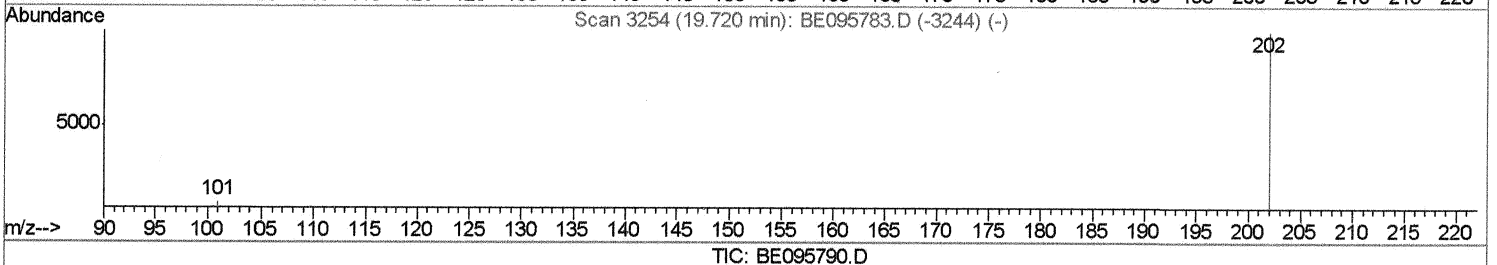
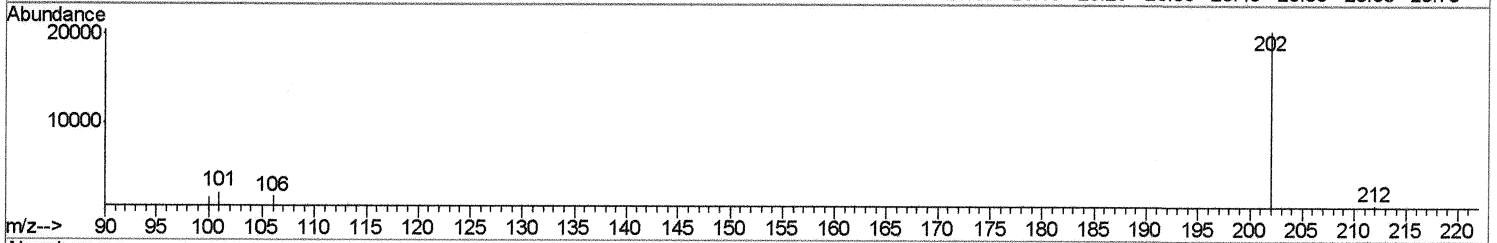
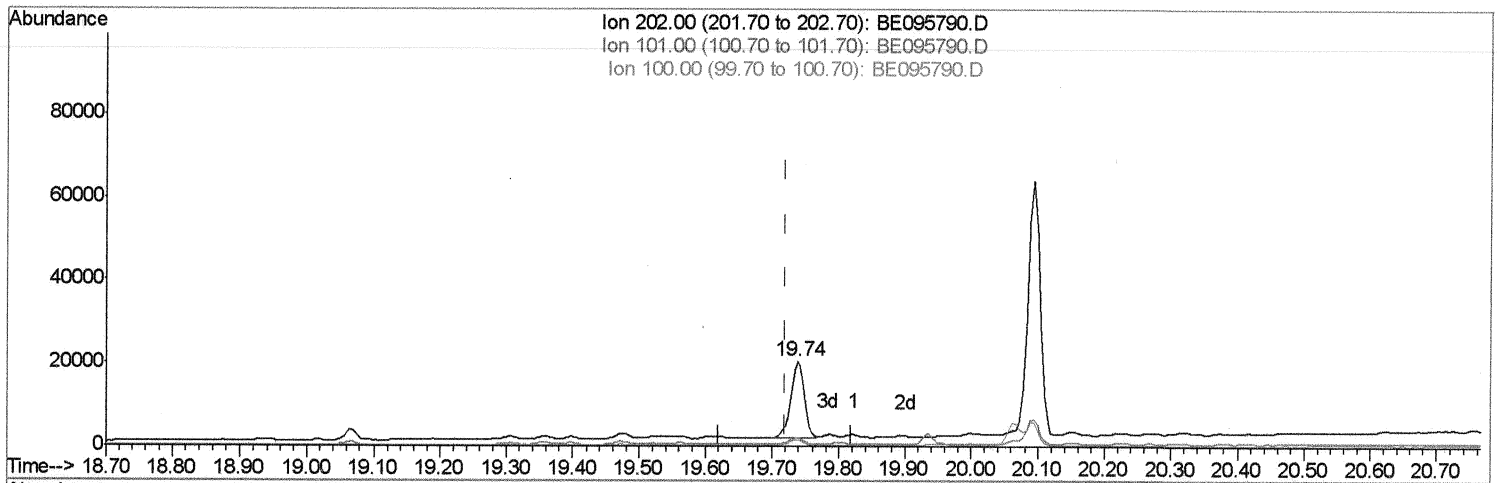
Instrument :

8.M Thu Mar 15 09:00:33 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(15) Fluoranthene (C)

19.737min (+0.018) 0.86ng/ul m > SJ 3/16/18

response 25481

Ion Exp% Act%

202.00 100 100

101.00 10.30

7.64

0.00

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

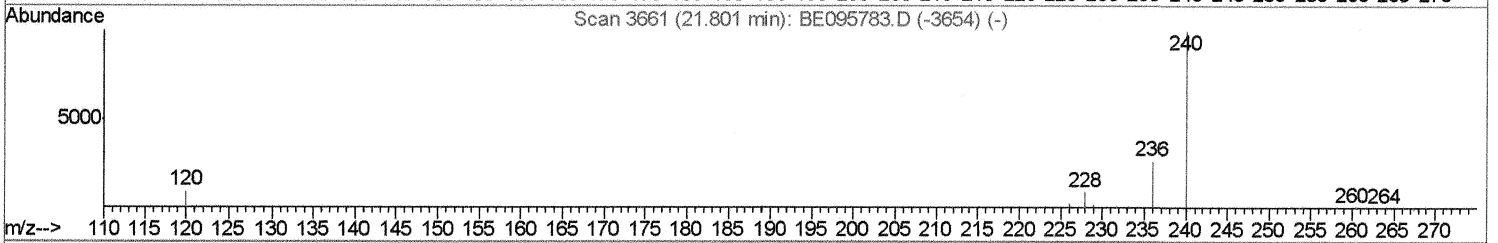
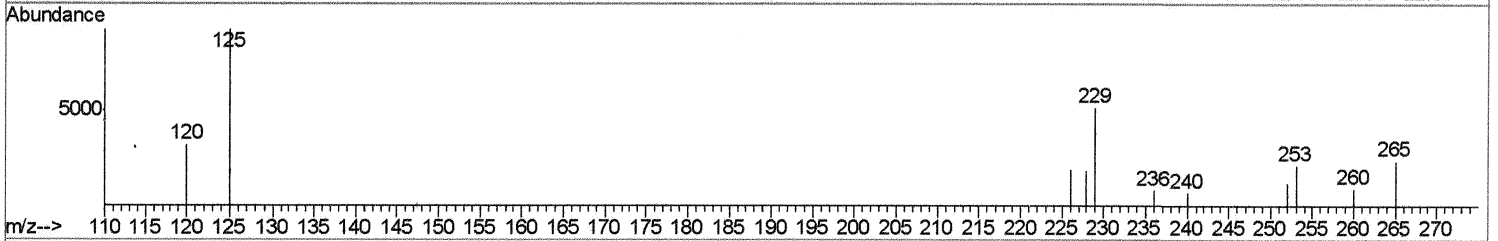
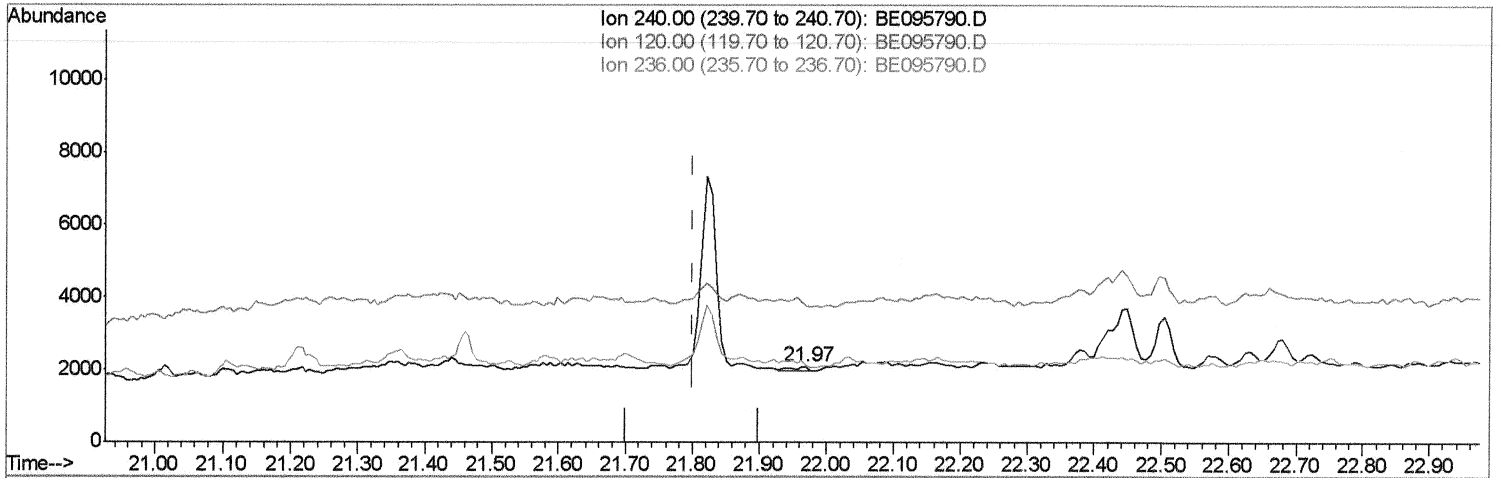
Instrument :

8.M Thu Mar 15 09:00:42 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(16) Chrysene-d12 (I)
 21.970min (+0.169) 0.40ng/ul
 response 207

Ion Exp% Act%

Ion	Exp%	Act%
240.00	100	100
120.00	81.81	81.81
236.00	3.52	3.52
228.00	0.00	0.00

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

Client Sampled :

BNA_E

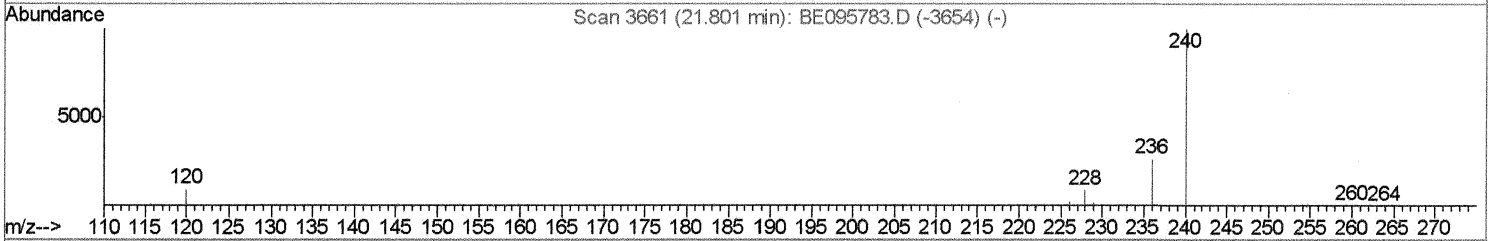
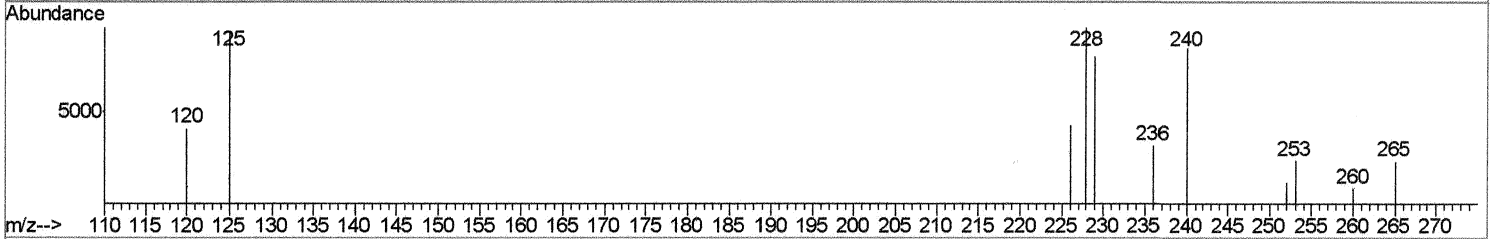
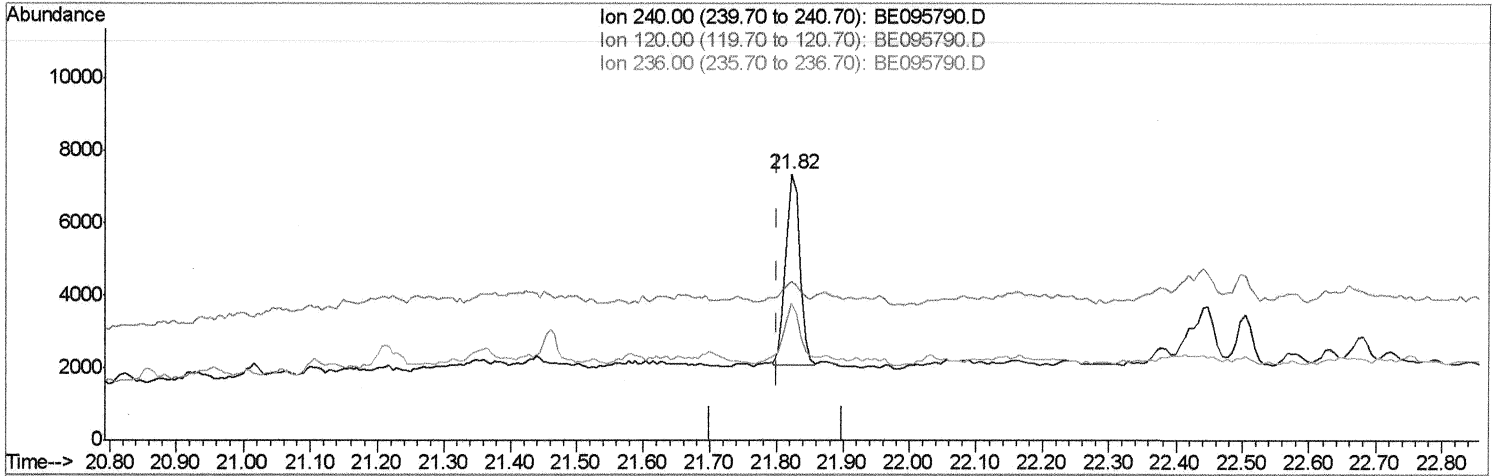
Instrument :

3/15/2018 9:00:46 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 08:59:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(16) Chrysene-d12 (I)

21.822min (+0.021) 0.40ng/ul m > SJ 3/16/18

response 7856

Ion Exp% Act%

Ion	Exp%	Act%
120	100	100
240	60.06	60.06
236	51.88	51.88
260	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

Client Sampled :

BNA E

Instrument :

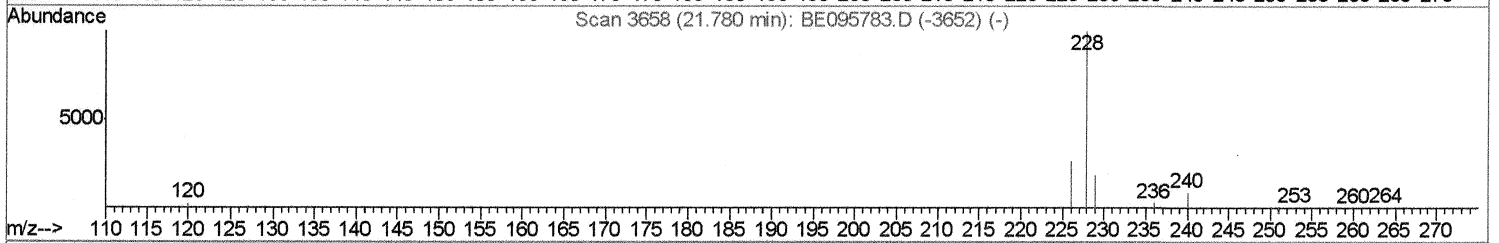
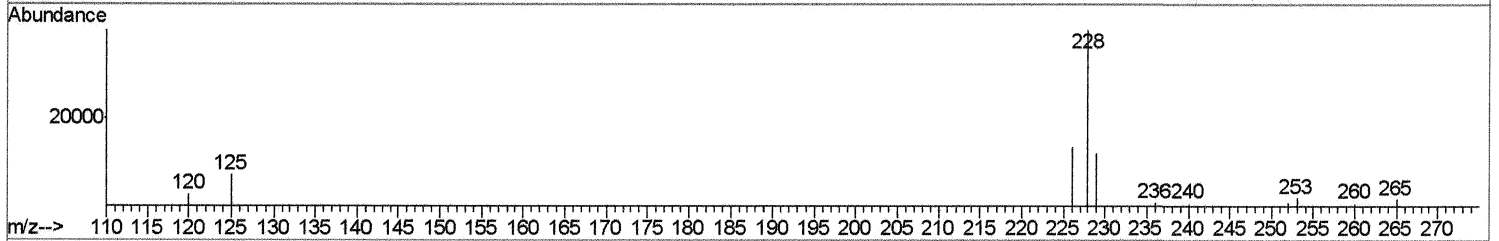
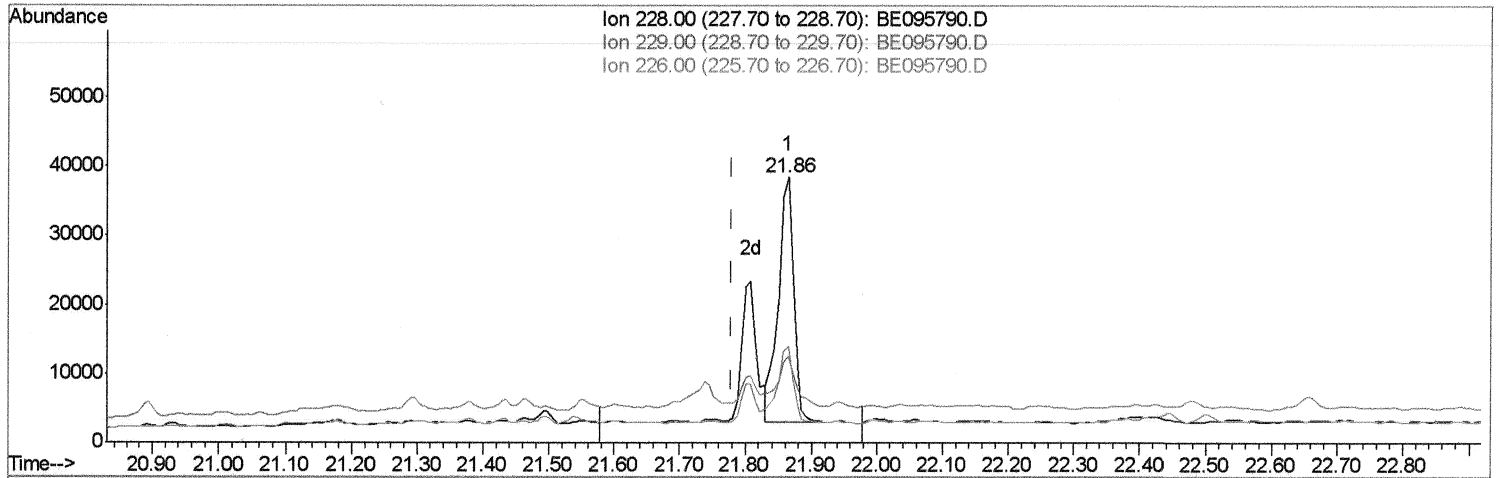
BE095790.D

Thu Mar 15 09:01:03 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:01:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(18) Benzo(a)anthracene
 21.864min (+0.084) 2.27ng/ul
 response 57527

Ion	Exp%	Act%
228.00	100	100
229.00	32.82	36.20

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

Client Sampled :

BNA_E

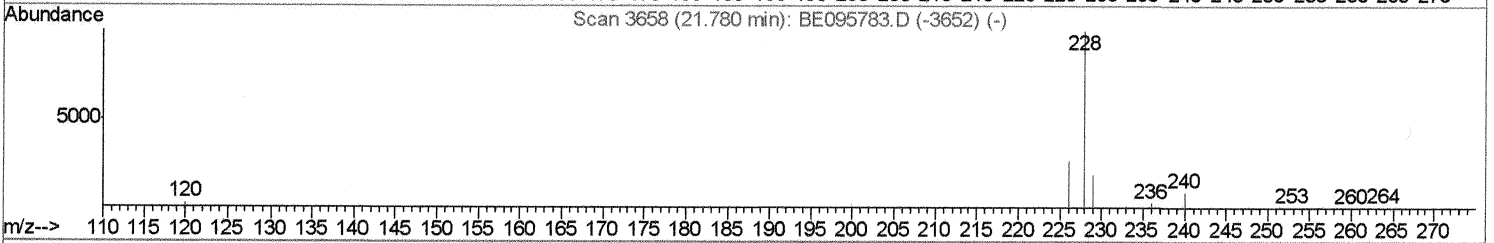
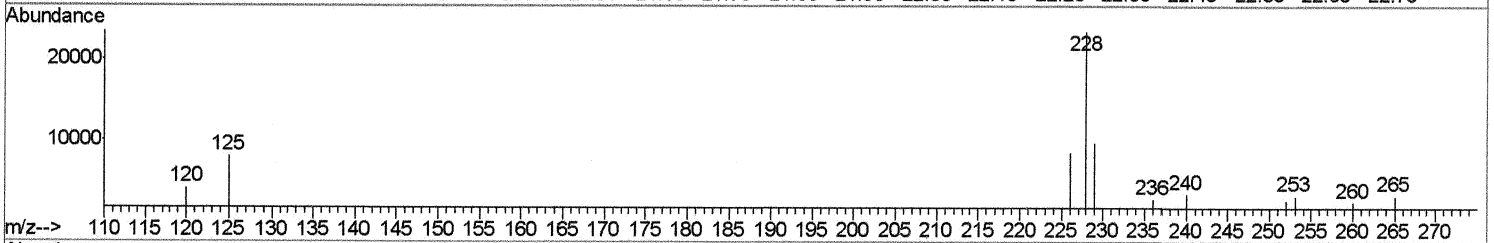
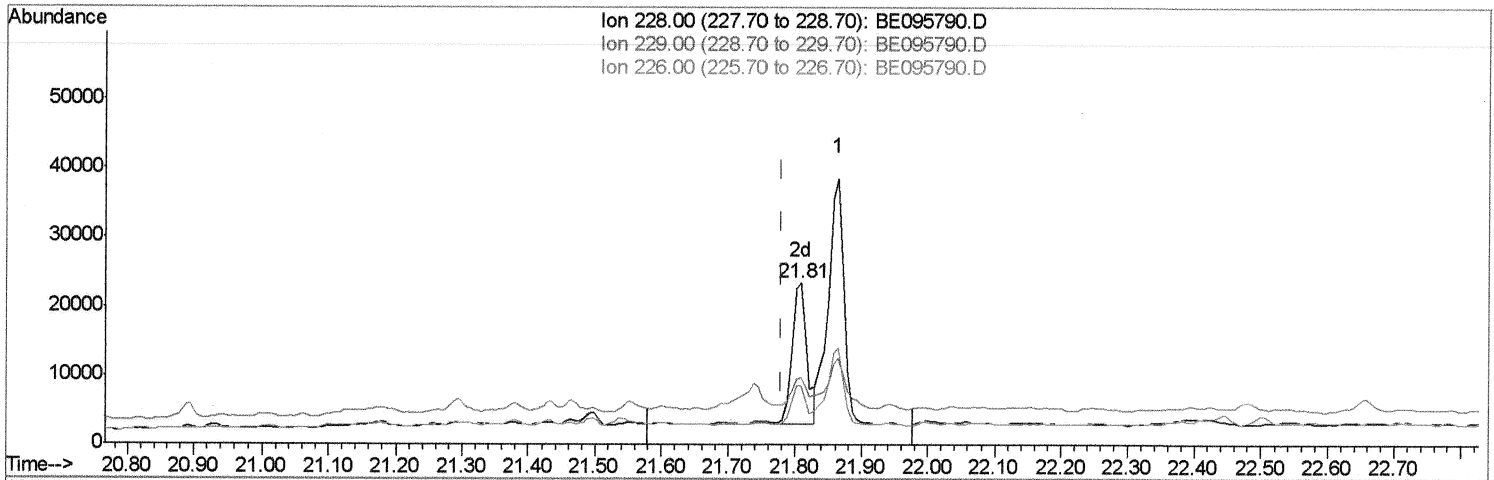
Instrument :

BE031318.M Thu Mar 15 09:01:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:01:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(18) Benzo(a)anthracene

21.808min (+0.028) 1.25ng/ul m> SJ 3/16/18

response 31784

Ion Exp% Act%

228.00 100 100

3/15/2018 6:55:14 PM 41.88#

Sohil 36.67#

APPROVED

Manual Integrations

00

ClientSampled :

BNA_E

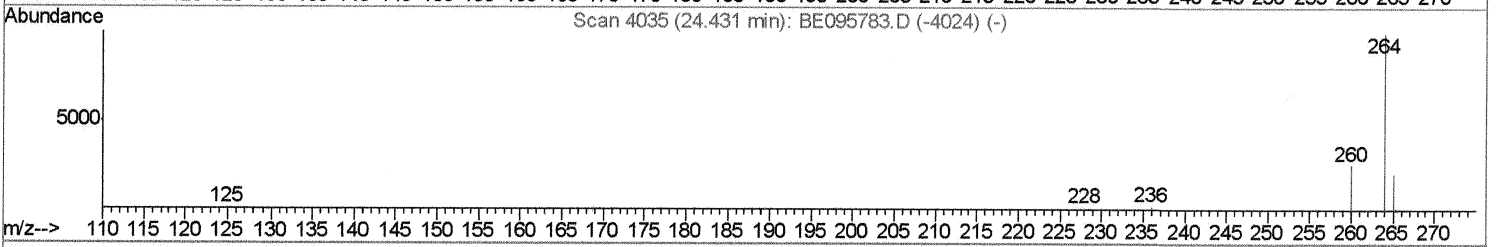
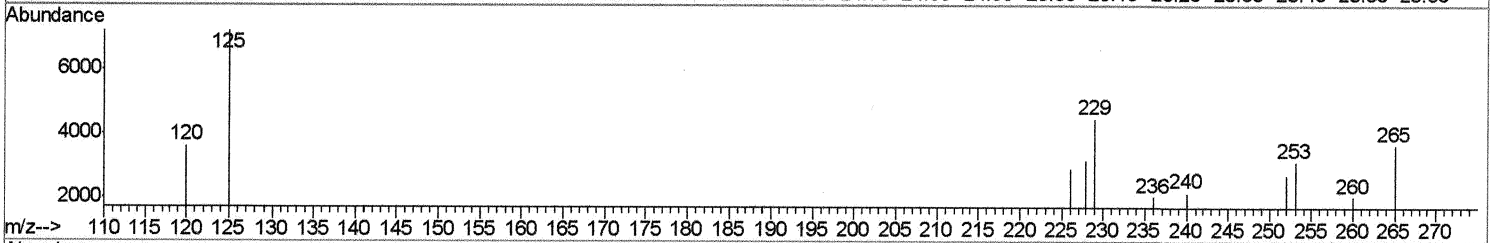
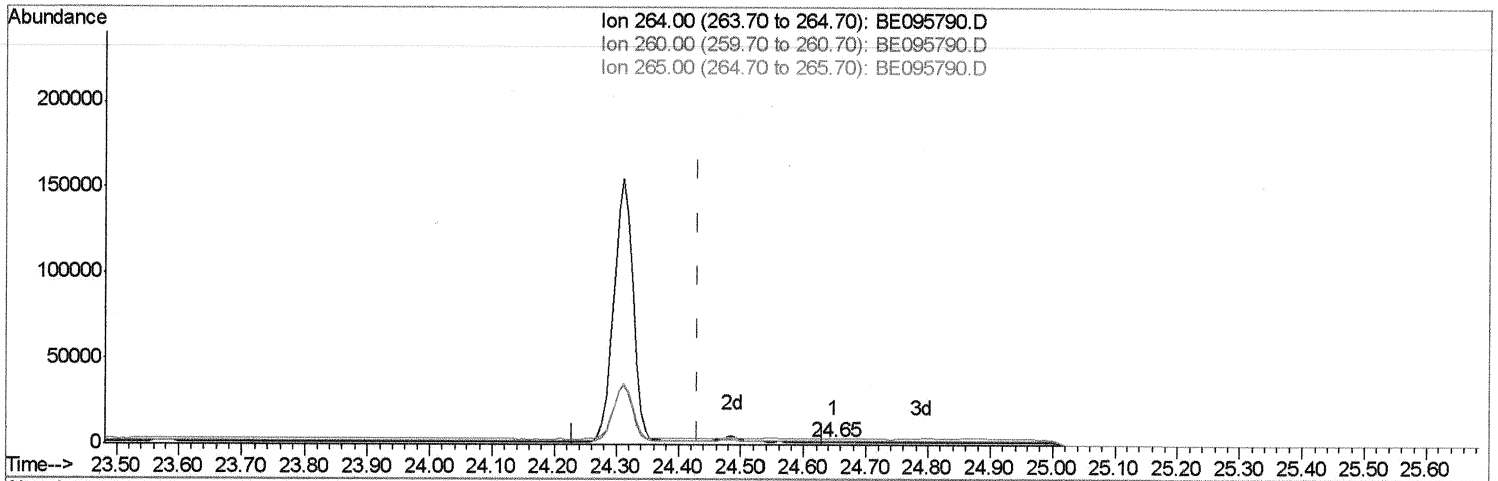
Instrument :

3.M Thu Mar 15 09:01:33 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:01:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(20) Perylene-d12 (I)

24.649min (+0.218) 0.40ng/ul

response 259

Ion	Exp%	Act%
264.00	100	100
260.00	19.69	19.69
265.00	214.74	214.74

264.00 100 100

260.00 19.69 19.69

265.00 214.74 214.74

264.00 100 100

260.00 19.69 19.69

265.00 214.74 214.74

264.00 100 100

260.00 19.69 19.69

265.00 214.74 214.74

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

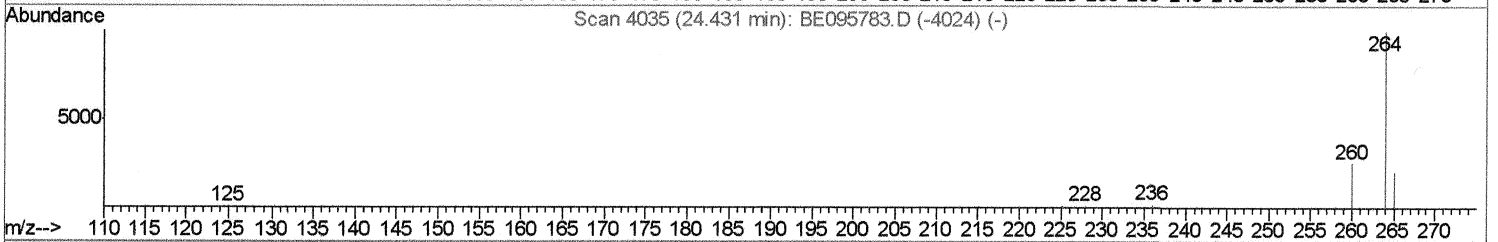
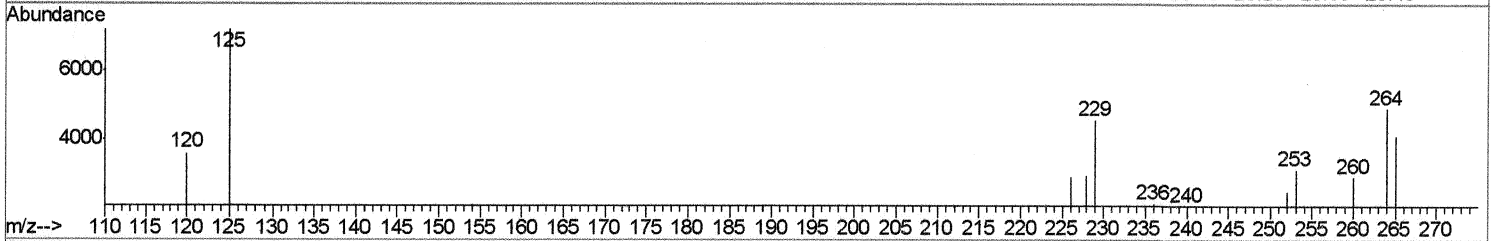
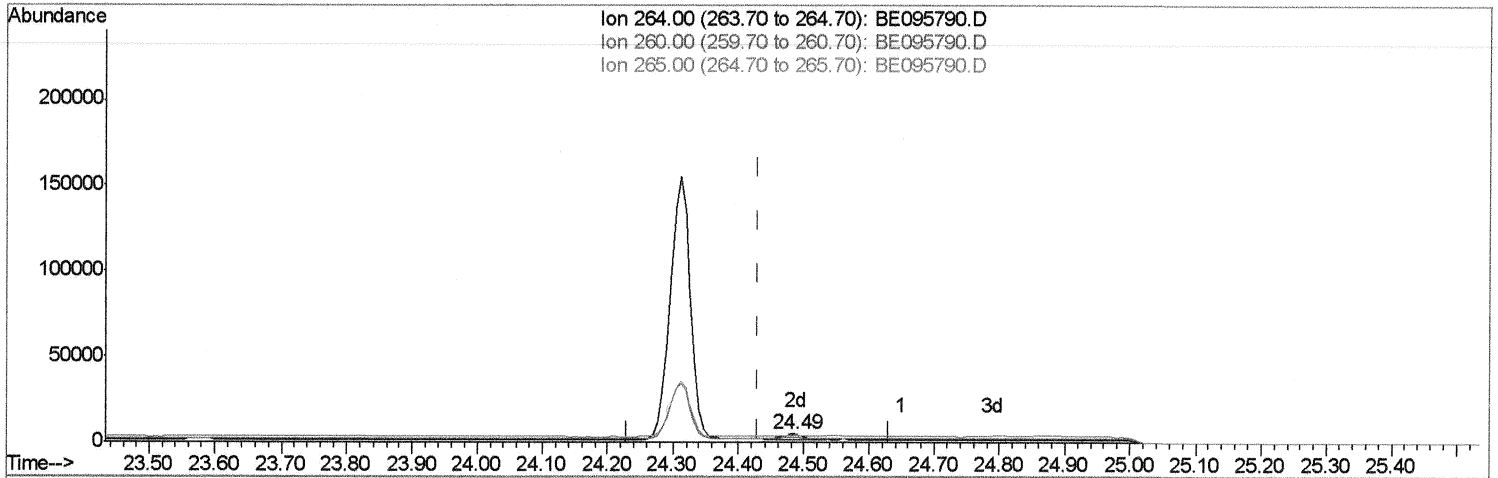
Instrument :

8.M Thu Mar 15 09:01:41 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:01:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(20) Perylene-d12 (I)

24.487min (+0.056) 0.40ng/ul m

response 7526

Ion Exp% Act%

Ion	Exp%	Act%
264.00	100	100
260.00	59.13	59.13
265.00	83.38	83.38
263.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

Client Sampled :

BNA_E

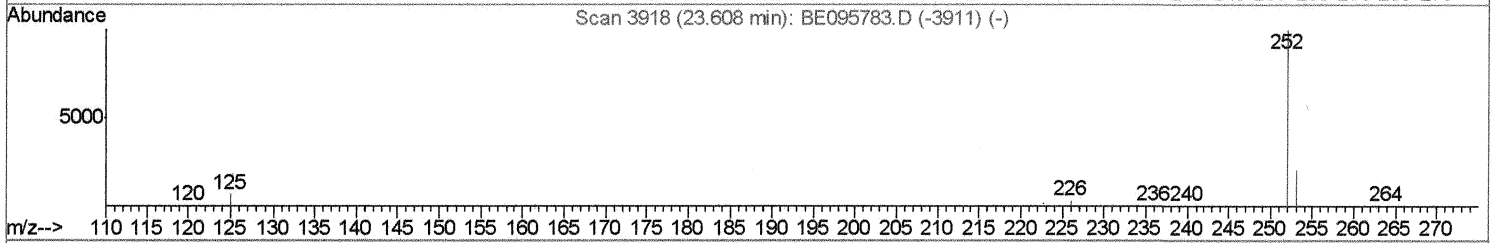
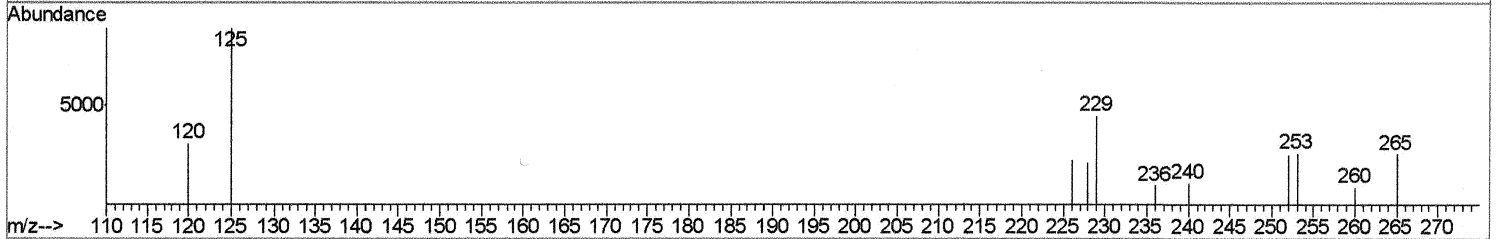
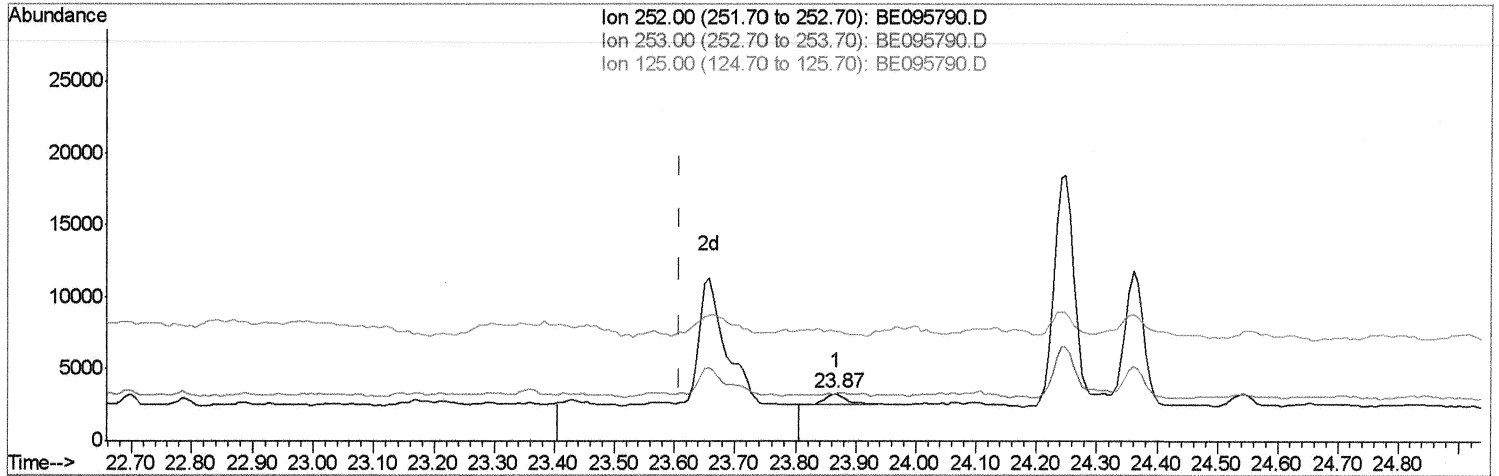
Instrument :

8.M Thu Mar 15 09:02:01 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(21) Benzo(b)fluoranthene
 23.868min (+0.260) 0.07ng/ul
 response 1902

Ion	Exp%	Act%
252.00	100	100
253.00	10	01.37#
125.00	32.50#	00

Manual Integrations
 APPROVED
 3/15/2018 6:55:14 PM
 Sohll

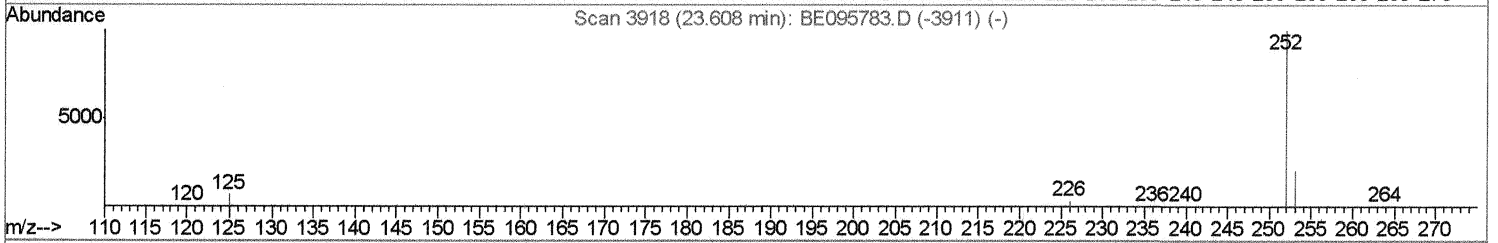
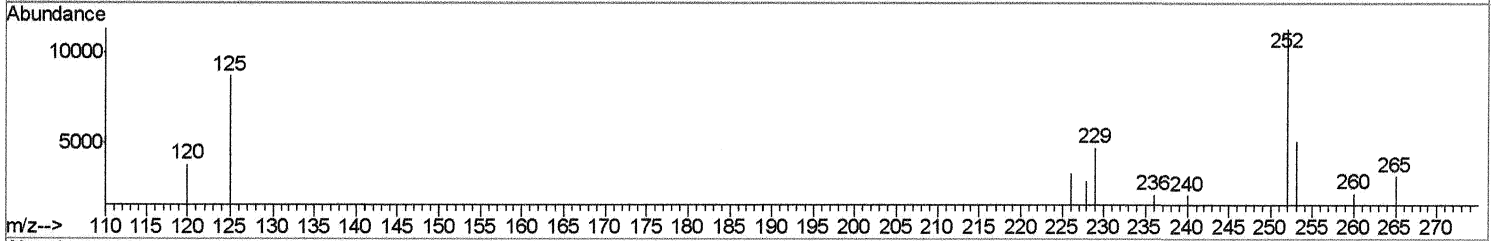
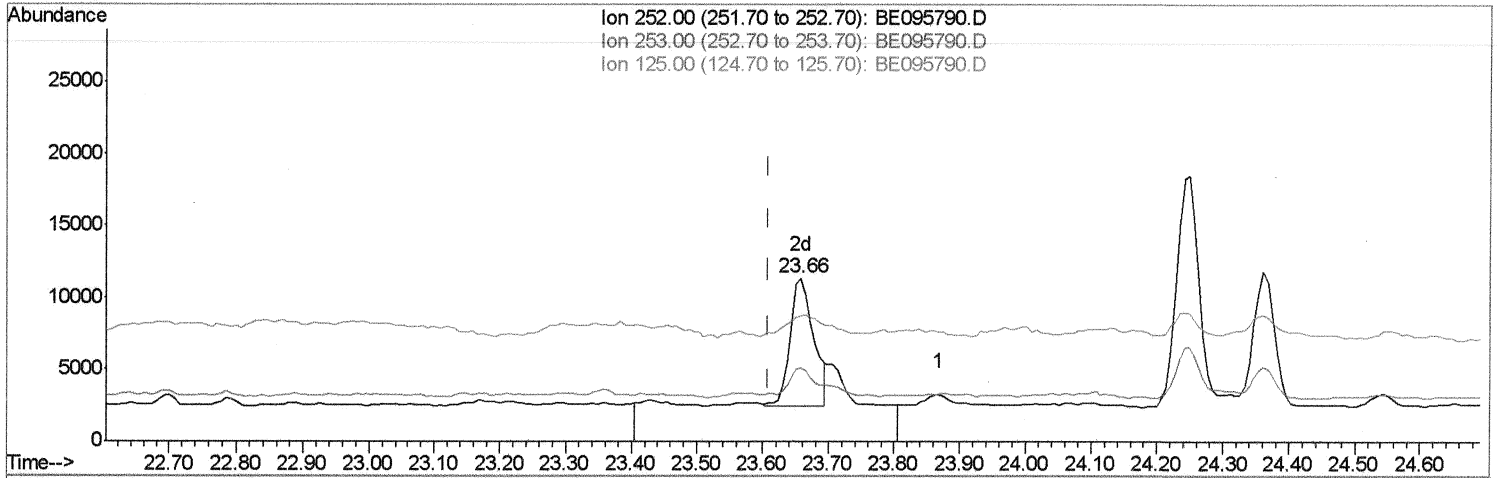
Instrument : BNA_E
 Client Sample : F6F08

18.M Thu Mar 15 09:02:17 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(21) Benzo(b)fluoranthene

23.657min (+0.049) 0.86ng/ul m) SJ 3/16/18

response 22404

Ion	Exp%	Act%
252.00	100	100
224.04	45.21	76.95
226.04	100	100

3/15/2018 6:55:14 PM

Sohil

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Manual Integrations

F6F08

ClientSampled :

BNA_E

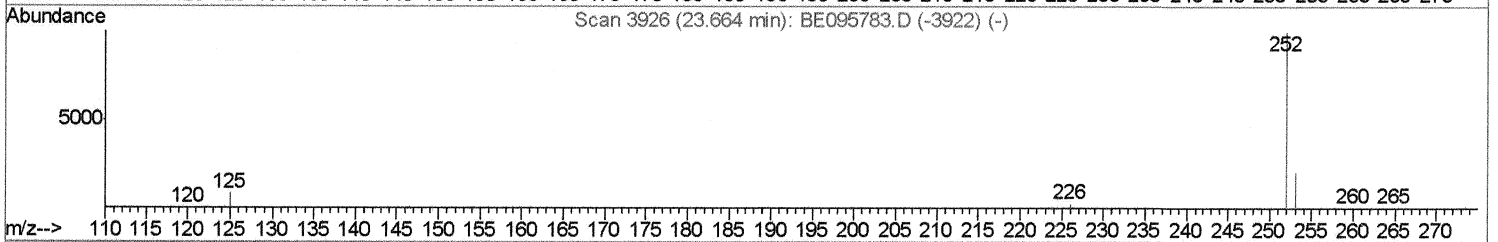
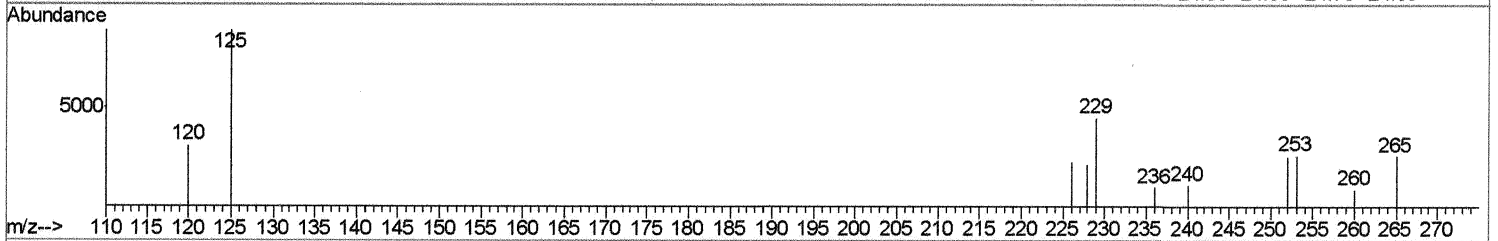
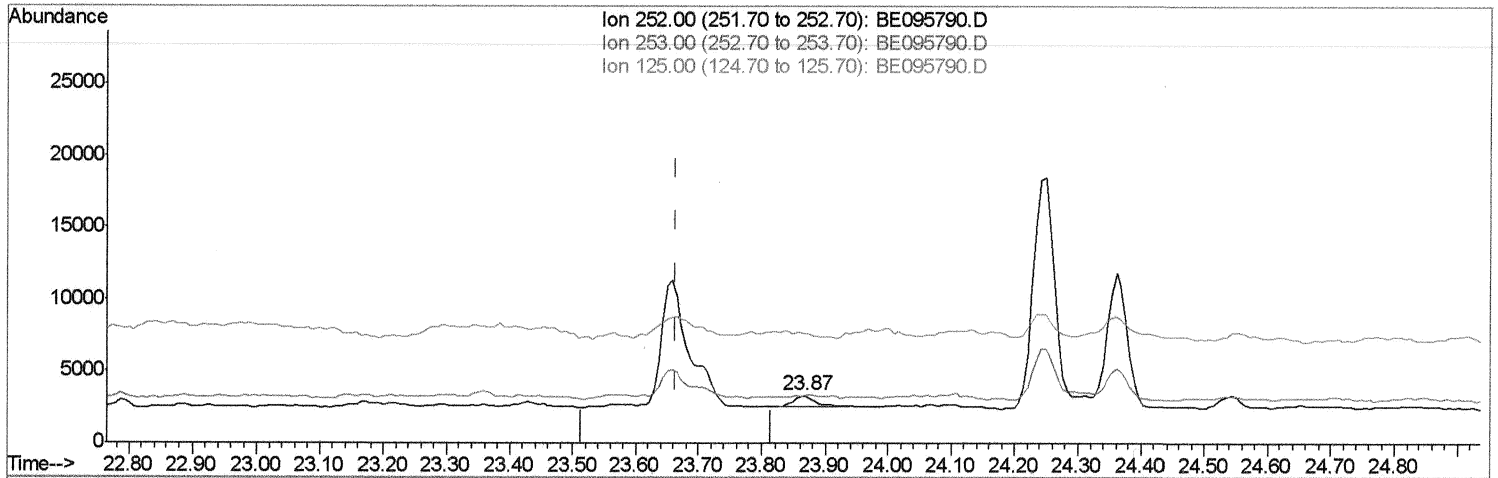
Instrument :

18.M Thu Mar 15 09:02:32 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(22) Benzo(k)fluoranthene

23.868min (+0.204) 0.08ng/ui

response 1902

Ion	Exp%	Act%
252.00	100	100
253.00	10	10.37#
254.00	32.50#	32.50#
255.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

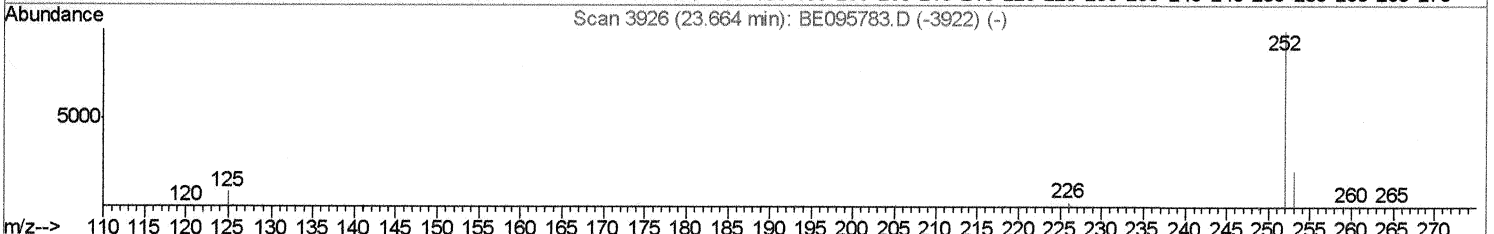
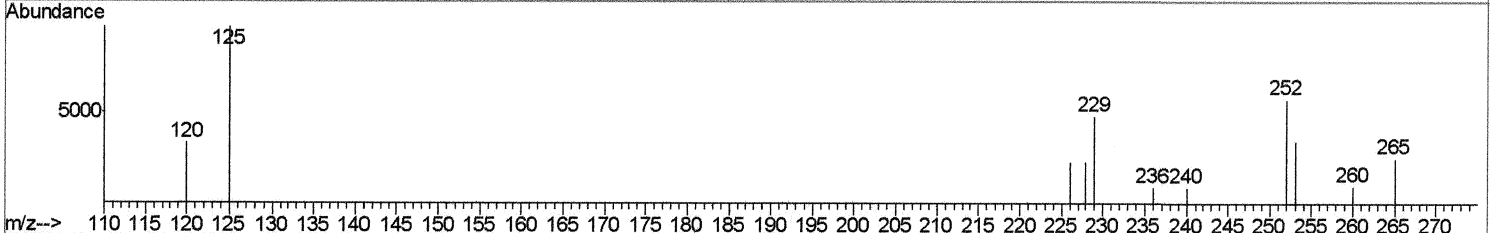
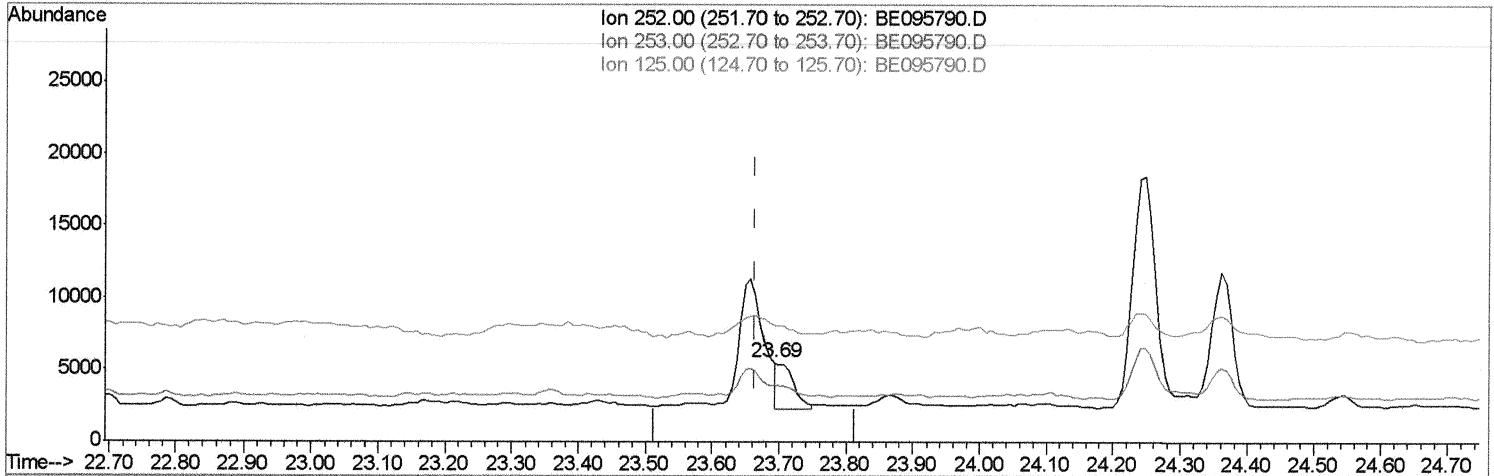
Instrument :

8.M Thu Mar 15 09:02:36 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(22) Benzo(k)fluoranthene

23.692min (+0.028) 0.23ng/ul m> SJ 3/16/18

response 5579

Ion Exp% Act%

252.00 100 100

71.19#

48.81#

100.00

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

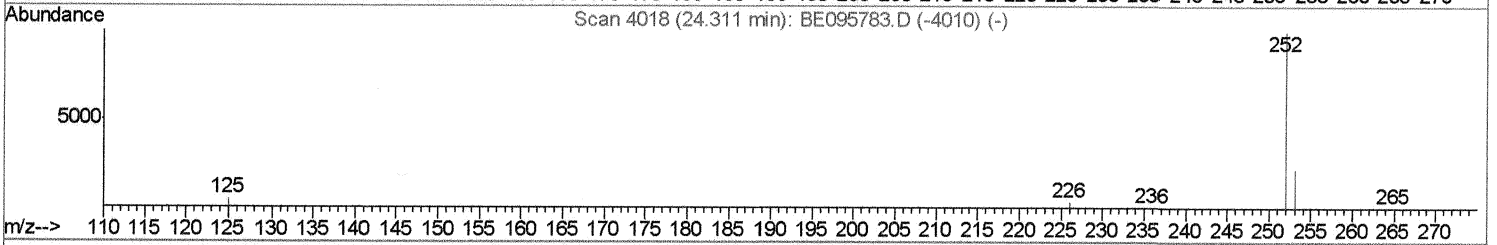
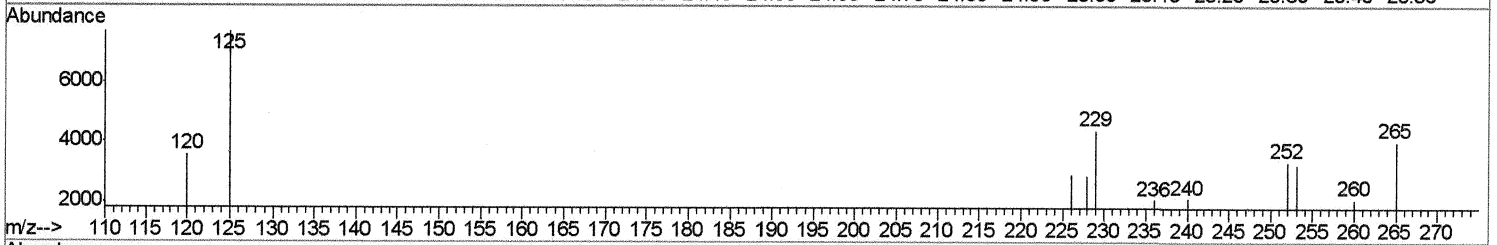
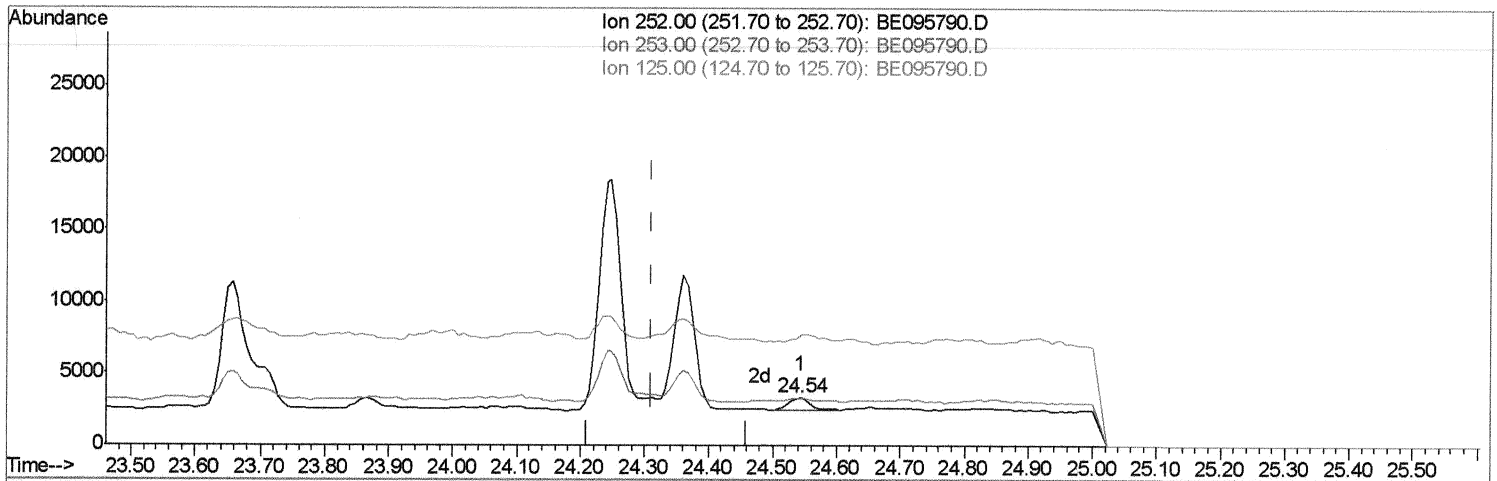
Instrument :

8.M Thu Mar 15 09:02:50 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 24.543min (+0.232) 0.09ng/ul
 response 2181

Ion	Exp%	Act%
252.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

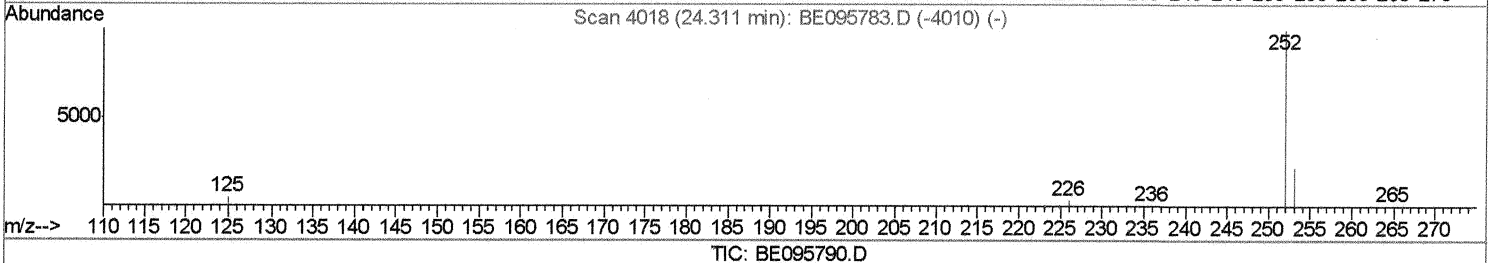
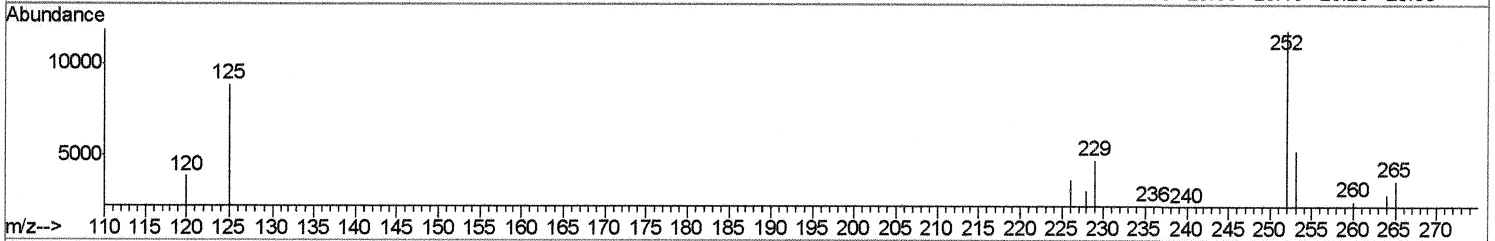
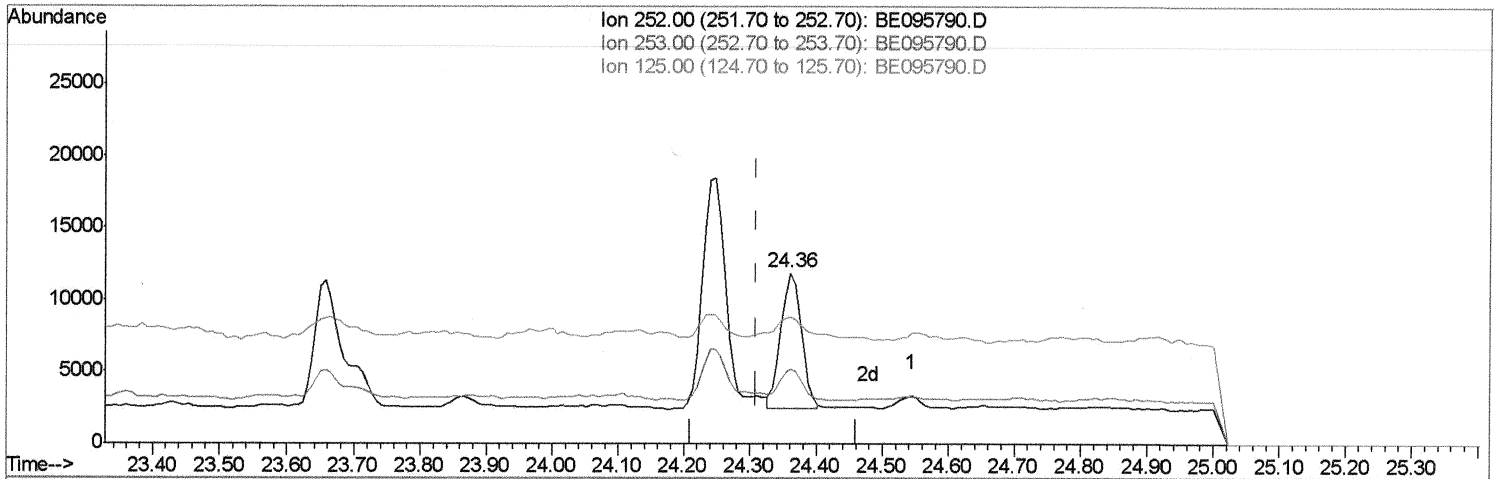
Instrument :

8.M Thu Mar 15 09:02:55 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.360min (+0.049) 0.86ng/ul m > 52 3/16/18

response 20579

Ion Exp% Act%

252.00 100 100

3/15/2018 6:55:14 PM 44.12#

Sohil 74.44#

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

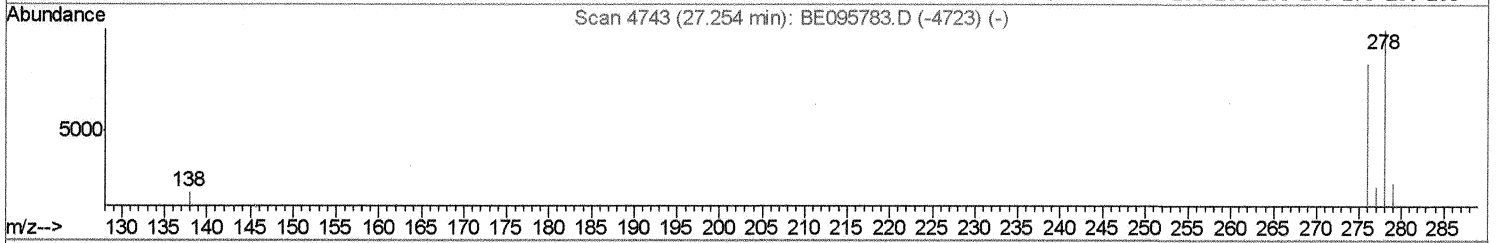
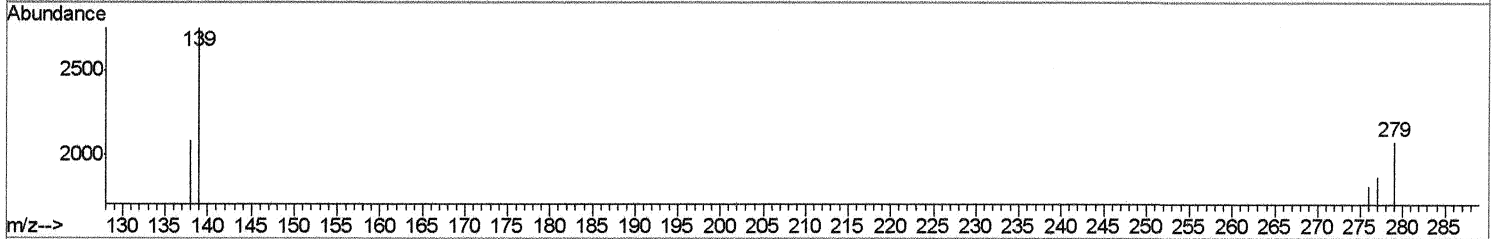
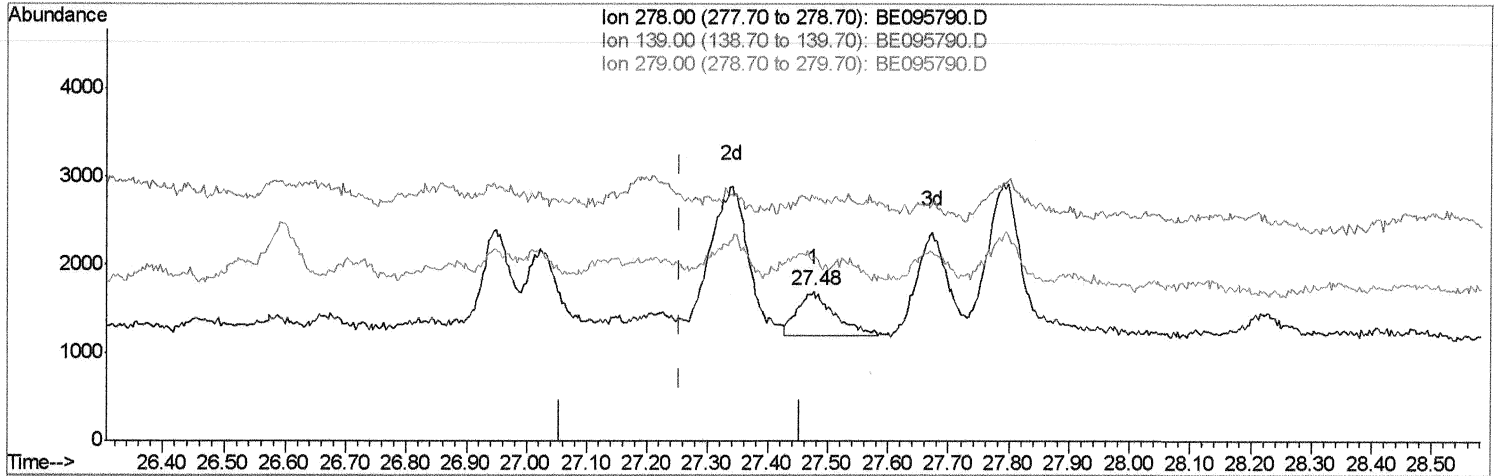
Instrument :

8.M Thu Mar 15 09:03:05 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(25) Dibenzo(a,h)anthracene

27.475min (+0.221) 0.10ng/ul

response 2146

Ion	Exp%	Act%
278.00	100	100
279.00	100	61.48#
277.00	100	22.02#
138.00	100	100

3/15/2018 6:55:14 PM

Sohil

APPROVED

Manual Integrations

F6F08

ClientSampled :

BNA_E

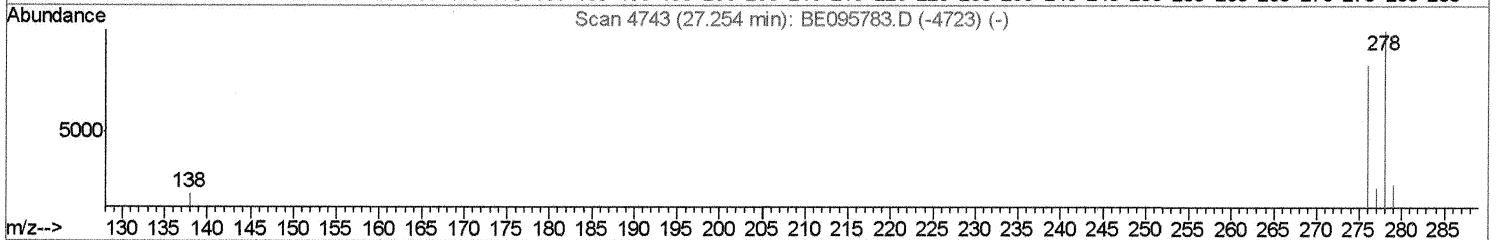
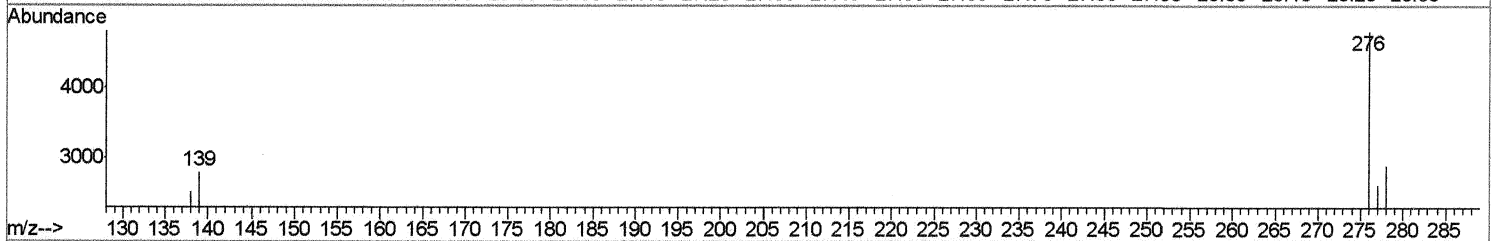
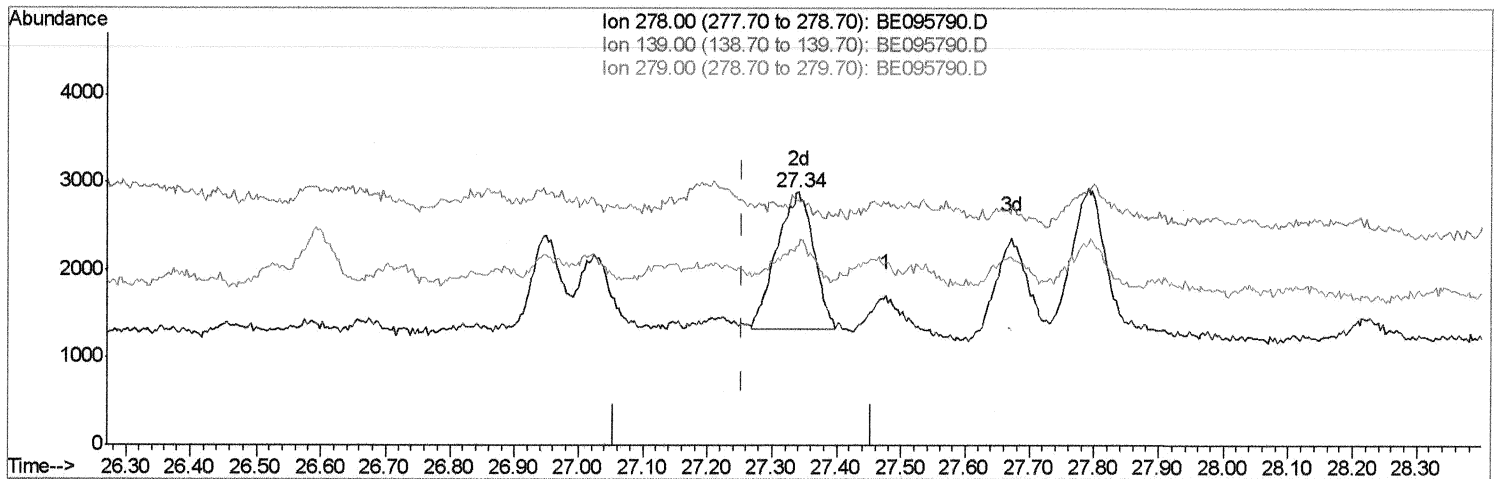
Instrument :

18.M Thu Mar 15 09:03:11 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration



TIC: BE095790.D

(25) Dibenzo(a,h)anthracene

27.340min (+0.086) 0.29ng/ul m > 50 3/16/18

response 6217

Ion	Exp%	Act%
278.00	100	100
139.00	96.78	96.78
279.00	79.28	79.28
138.00	100	100

ClientSampleId : F6F08

BNA_E

Instrument : 8.M Thu Mar 15 09:03:36 2018

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095790.D
 Acq On : 15 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:04:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2300	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	6801	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.03	164	4047	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.73	188	8140m	0.40	ng/ul	0.02
16) Chrysene-d12	21.82	240	7856m	0.40	ng/ul	0.02
20) Perylene-d12	24.49	264	7526m	0.40	ng/ul	0.06

SJ 3/16/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.82	152	2432	0.21	ng/ul	0.02
14) Fluoranthene-d10	19.71	212	5582m	0.22	ng/ul	0.02

SJ 3/16/18

Target Compounds

Ovalue

3) Naphthalene	11.32	128	9117	0.480	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	14916	1.130	ng/ul	99
8) Acenaphthene	15.09	153	690	0.045	ng/ul#	62
12) Phenanthrene	17.78	178	96313m	3.951	ng/ul	
13) Anthracene	17.86	178	5926m	0.260	ng/ul	
15) Fluoranthene	19.74	202	25481m	0.863	ng/ul	
17) Pyrene	20.09	202	77302	2.591	ng/ul#	76
18) Benzo(a)anthracene	21.81	228	31784m	1.254	ng/ul	
19) Chrysene	21.86	228	57527	2.229	ng/ul#	83
21) Benzo(b)fluoranthene	23.66	252	22404m	0.859	ng/ul	
22) Benzo(k)fluoranthene	23.69	252	5579m	0.225	ng/ul	
23) Benzo(a)pyrene	24.36	252	20579m	0.865	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.34	276	11225	0.425	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.34	278	6217m	0.295	ng/ul	
26) Benzo(a,h,i)perylene	28.22	276	28993	1.279	ng/ul#	82

SJ 3/16/18

SJ 3/16/18

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

3/15/2018 6:55:14 PM

Sohil

Manual Integrations
APPROVEDInstrument : BNA_E
Client Sampled : F6F08

M Thu Mar 15 09:04:36 2018