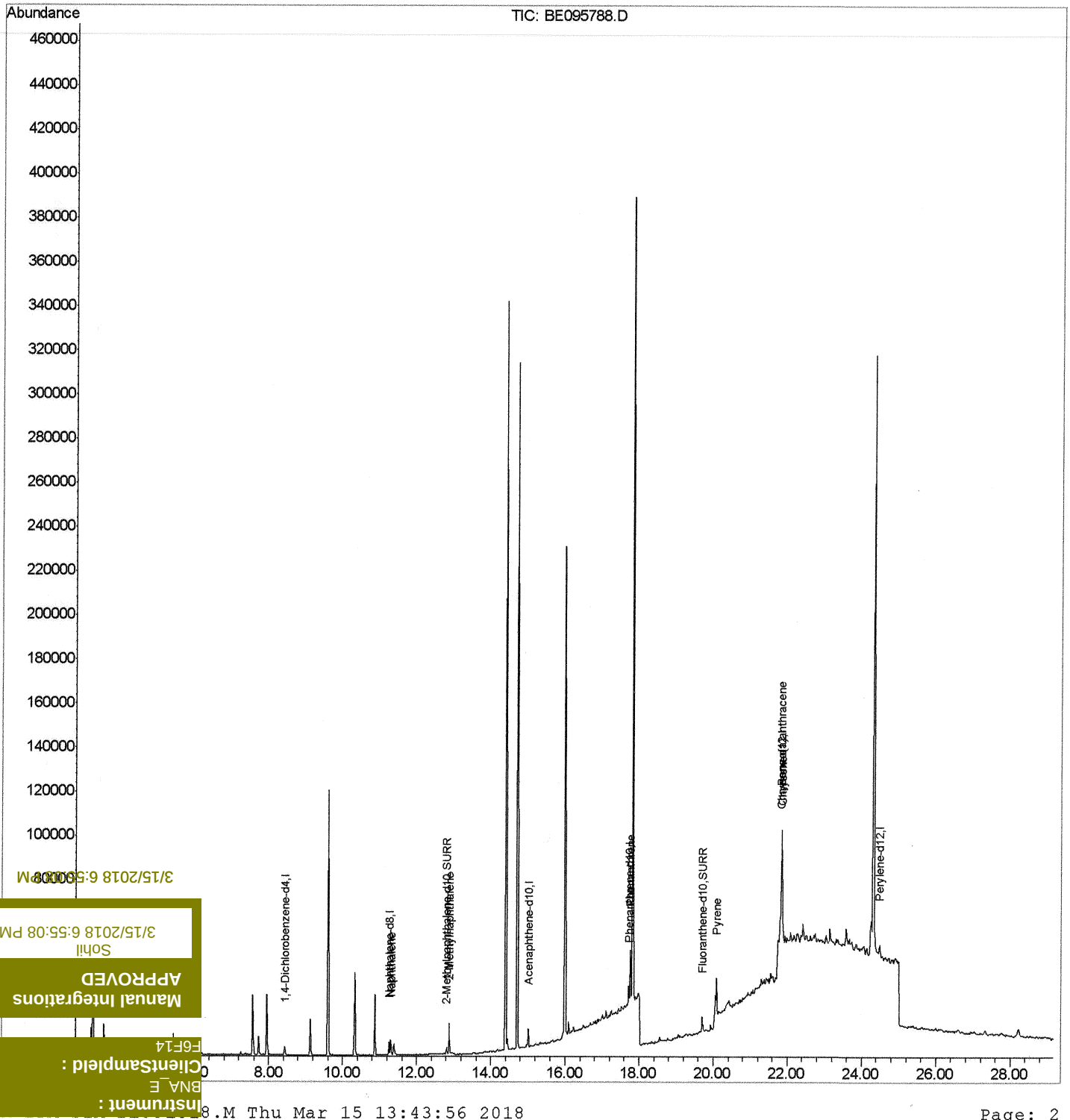


Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
Data File : BE095788.D
Acq On : 15 Mar 2018 5:32
Operator : SJ/JU
Sample : J1835-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

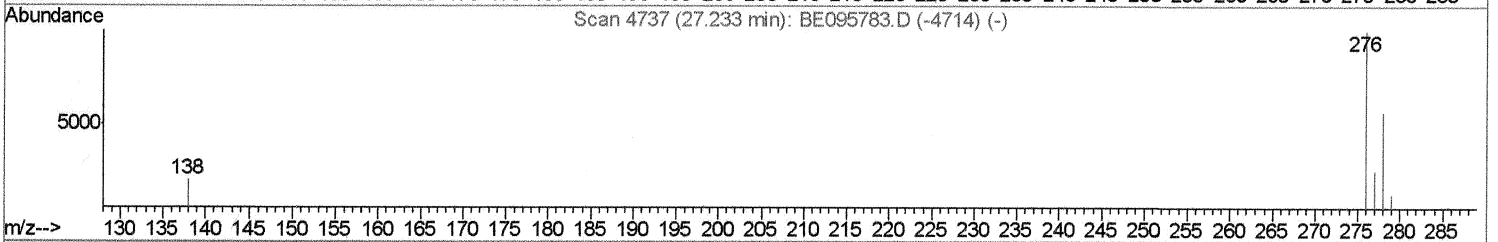
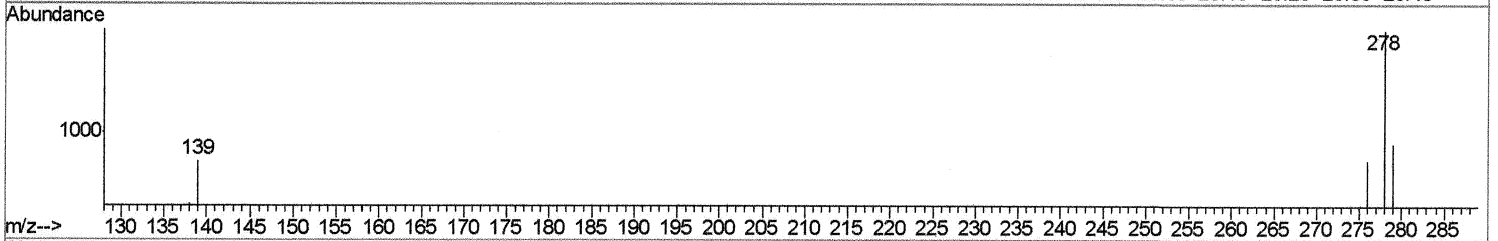
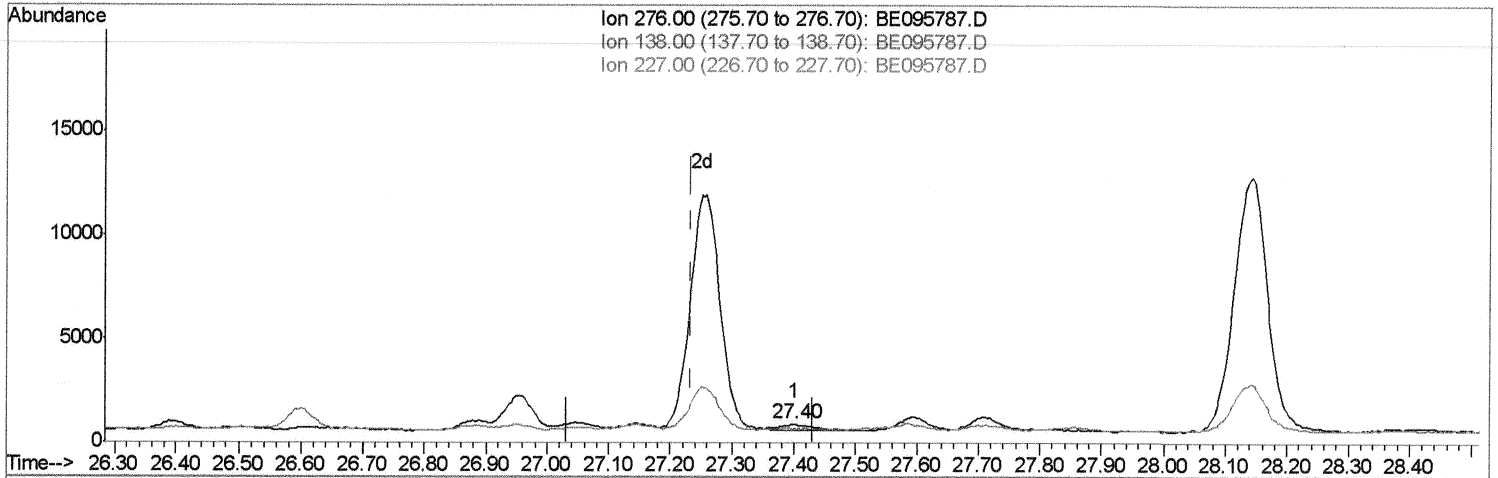
Quant Time: Mar 15 13:48:39 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Thu Mar 15 05:35:28 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095787.D
 Acq On : 15 Mar 2018 4:56
 Operator : SJ/JU
 Sample : J1835-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 15 05:56:27 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: BE095787.D

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

27.401min (+0.168) 0.04ng/ul

response 1203

Ion	Exp%	Act%
80:55:9 8100	3/15/2018 6:55:08 PM	

3/15/2018 6:55:08 PM

Sohl

APPROVED

Manual Integrations

F6F14

ClientSampled :

BNA_E

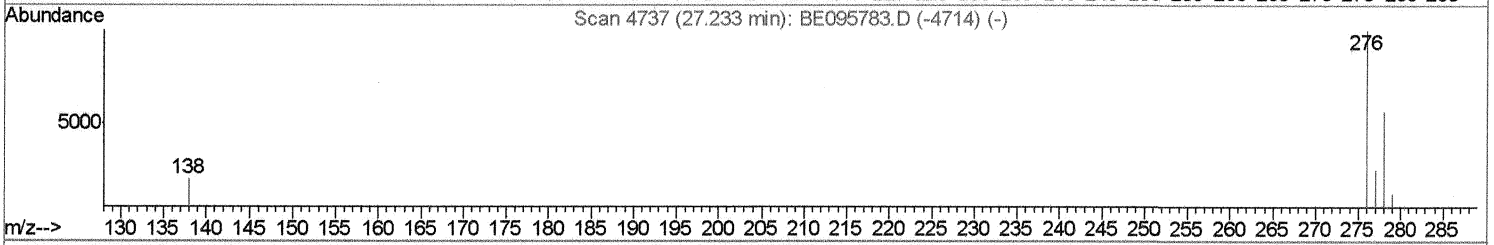
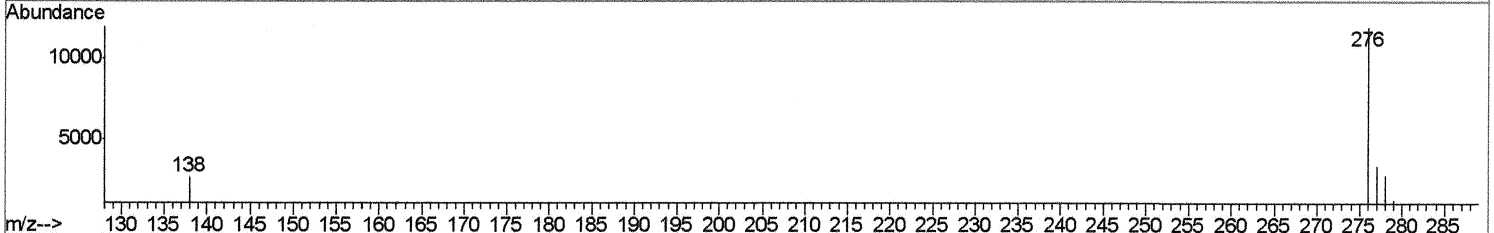
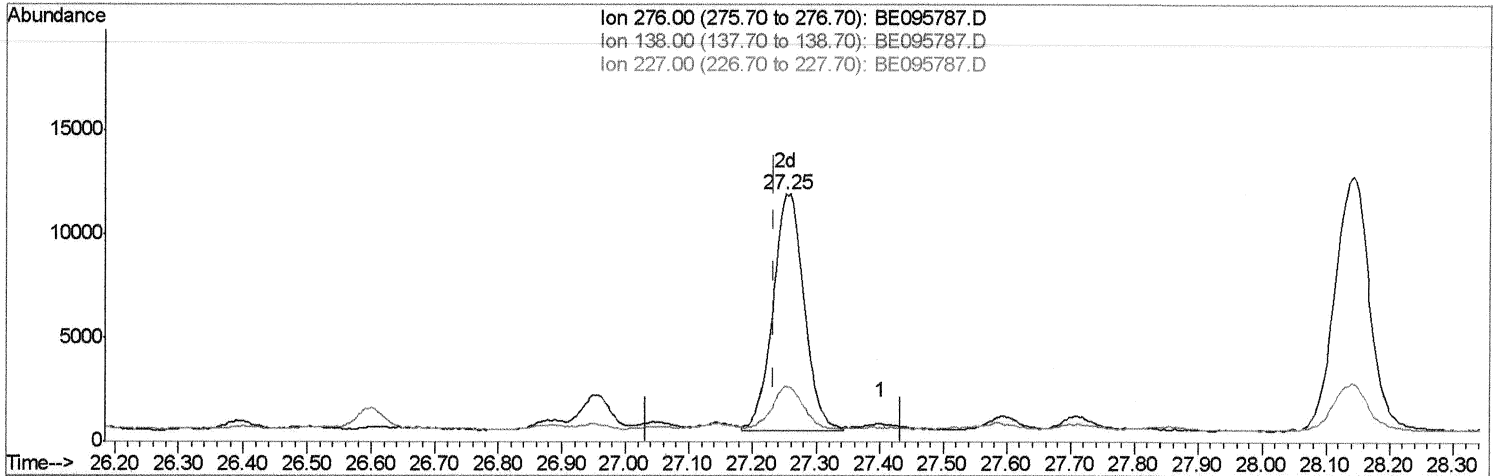
Instrument :

8.M Thu Mar 15 05:58:19 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095787.D
 Acq On : 15 Mar 2018 4:56
 Operator : SJ/JU
 Sample : J1835-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 15 05:56:27 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



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

27.251min (+0.018) 1.34ng/ul > SJ 3/16/18

response 38839

Ion	Exp%	Act%
80:55:9 8100	3/15/2018 6:55:08 PM	100

3/15/2018 6:55:08 PM 0.00#

Sohil

APPROVED

Manual Integrations 0.00

F6F14

ClientSampleId :

BNA_E

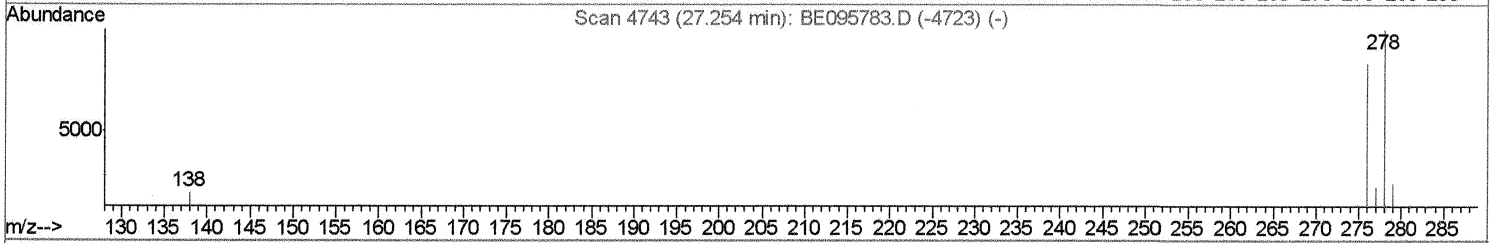
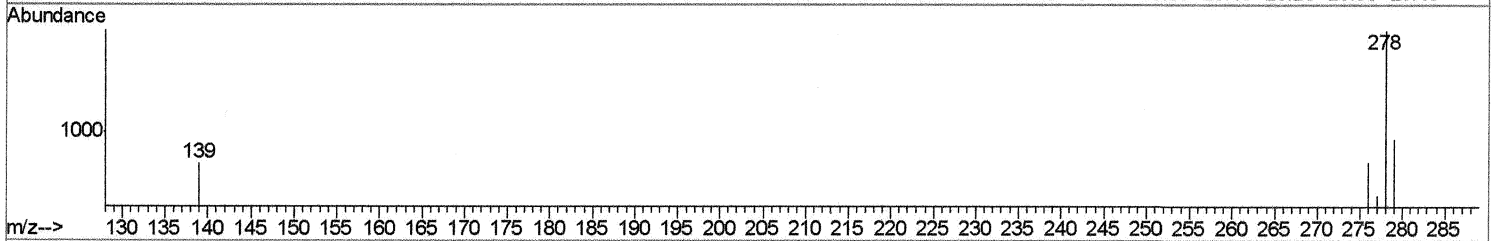
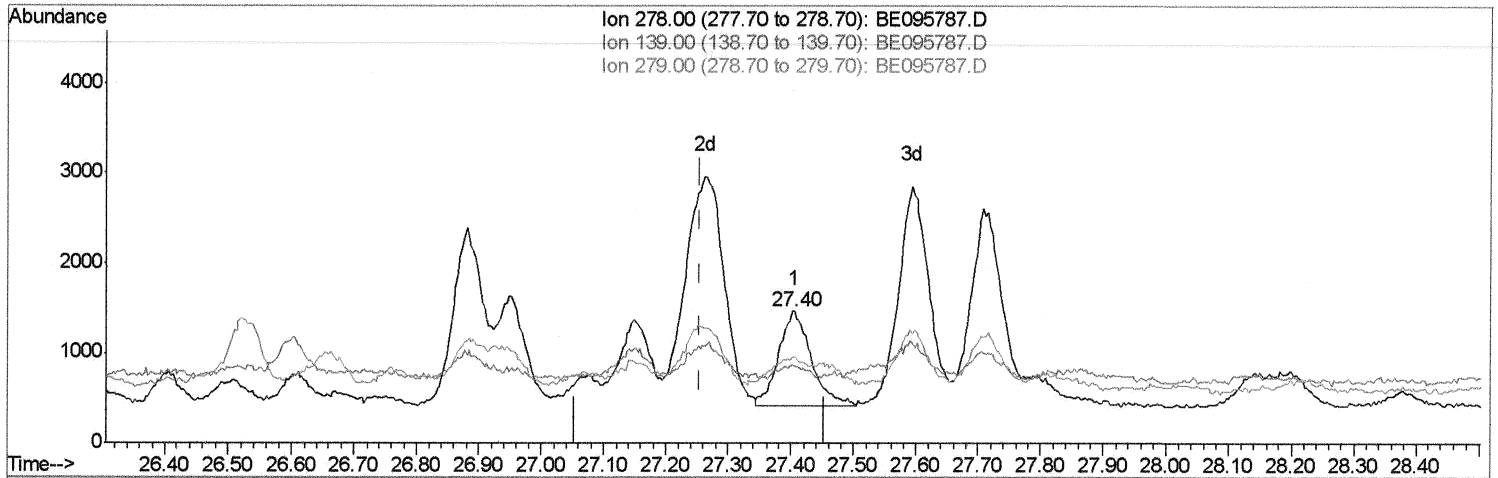
Instrument :

8.M Thu Mar 15 05:58:34 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095787.D
Acq On : 15 Mar 2018 4:56
Operator : SJ/JU
Sample : J1835-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 15 05:56:27 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: BE095787.D

(25) Dibenzo(a,h)anthracene

27.404min (+0.150) 0.16ng/ul

response 3786

Ion	Exp%	Act%
80:55:9 8:55:08 PM	100	100
80:55:9 8:55:08 PM	58.55#	58.55#
80:55:9 8:55:08 PM	66.21#	66.21#
80:55:9 8:55:08 PM	100	100

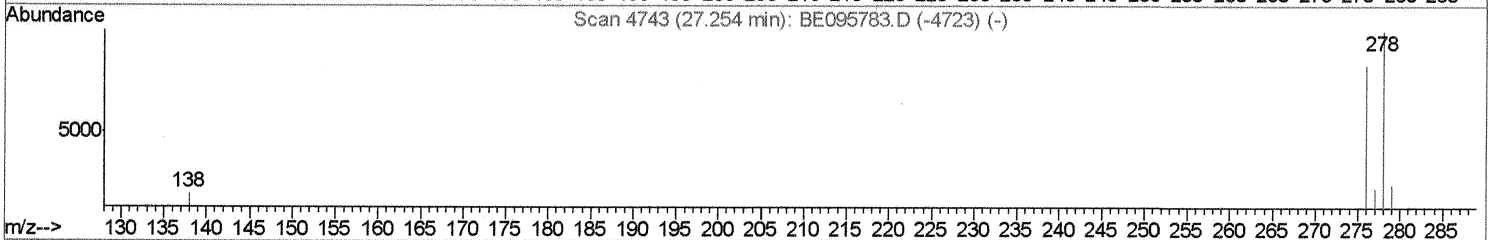
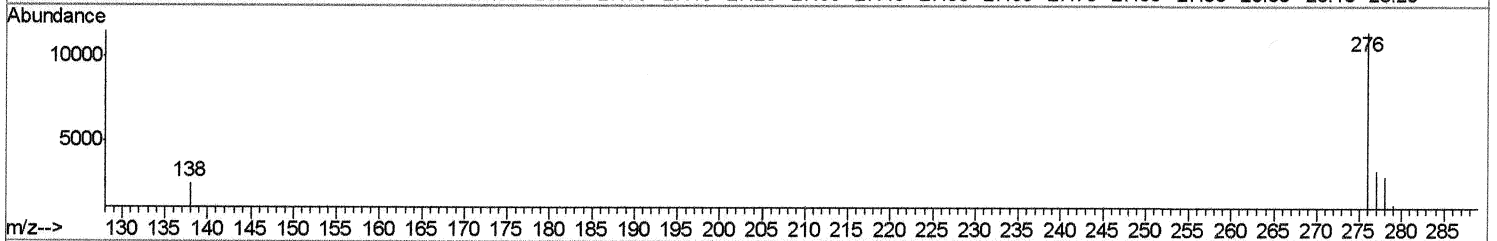
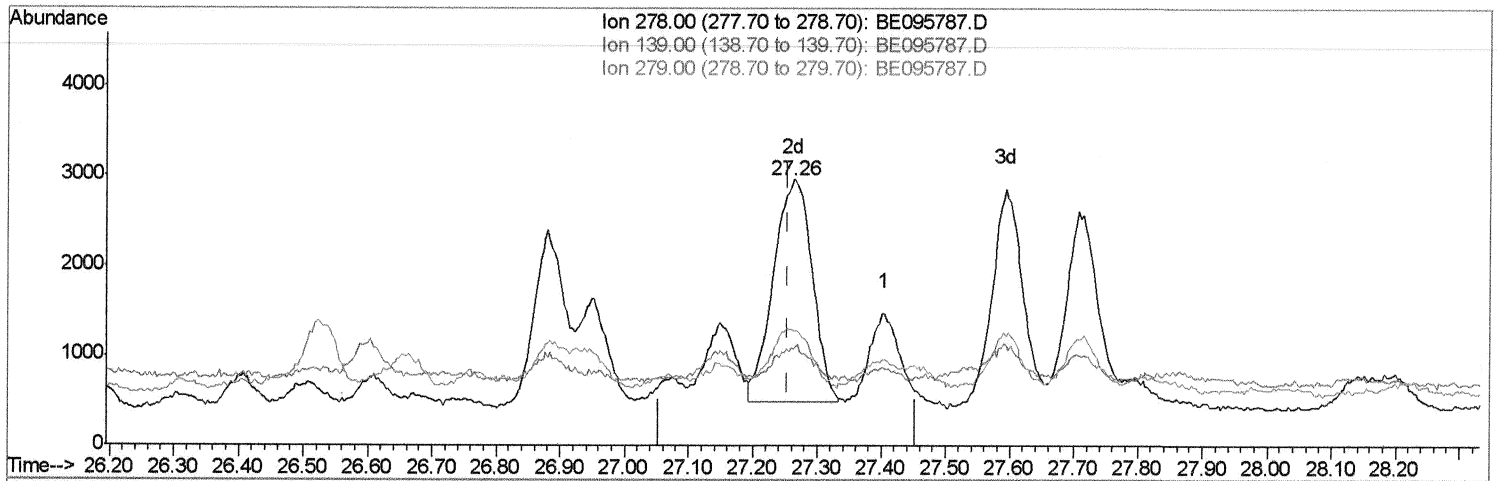
Instrument : BNA_E
ClientSampled : F6F14
APPROVED
Manual Integrations
Sohil
3/15/2018 6:55:08 PM
3/15/2018 6:55:08 PM

18.M Thu Mar 15 05:58:38 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095787.D
 Acq On : 15 Mar 2018 4:56
 Operator : SJ/JU
 Sample : J1835-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 15 05:56:27 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: BE095787.D

(25) Dibenzo(a,h)anthracene

27.262min (+0.007) 0.45ng/ul m> SJ 3/16/18

response 10351

Ion	Exp%	Act%
80:55:9 810:51:6		
278.00	100	100

3/15/2018 6:55:08 PM 36.59#

Sohil

APPROVED

Manual Integrations 43.39#

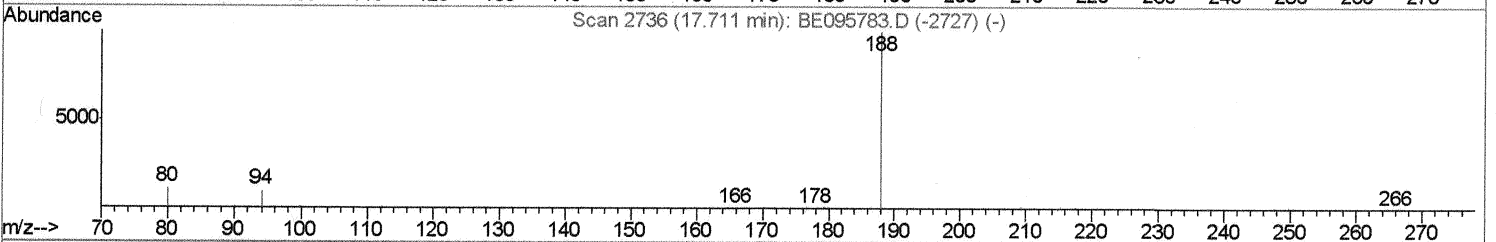
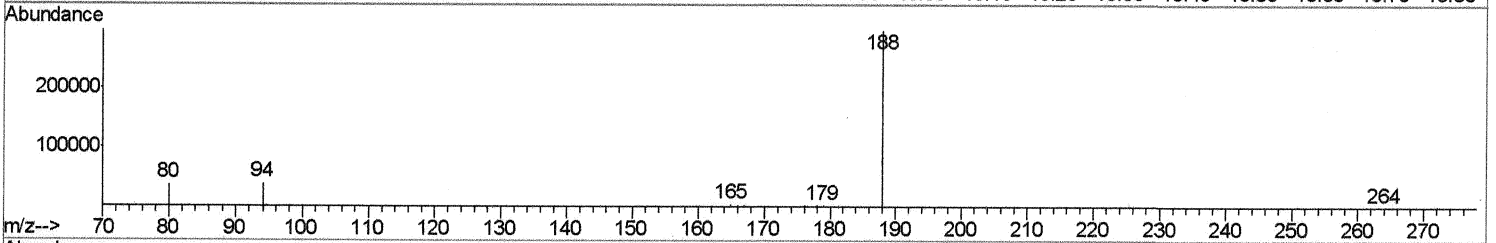
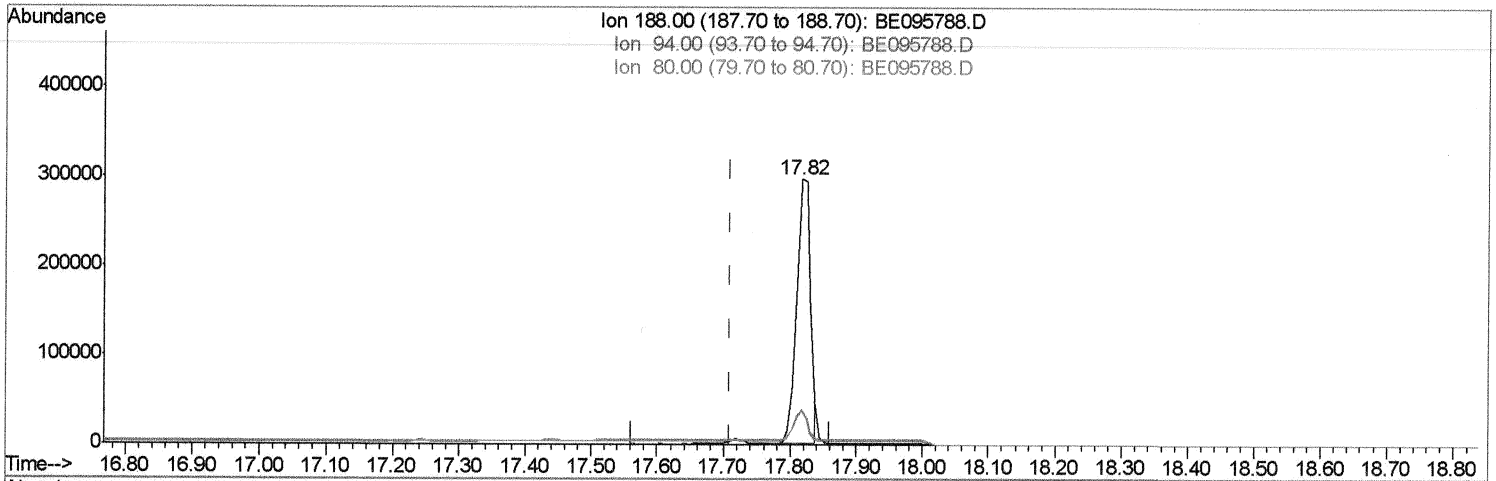
Instrument : BNA_E
 ClientSampleId : F6F14

8.M Thu Mar 15 05:58:47 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:39:27 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: BE095788.D

(10) Phenanthrene-d10 (I)

17.816min (+0.105) 0.40ng/ul

response 440786

Ion	Exp%	Act%
80:55:9 8107/5	100	100
188.00	100	100

3/15/2018 6:55:08 PM 3.38#

Sohl

APPROVED 2.55

Manual Integrations 0.00

F6F14

ClientSampled :

BNA_E

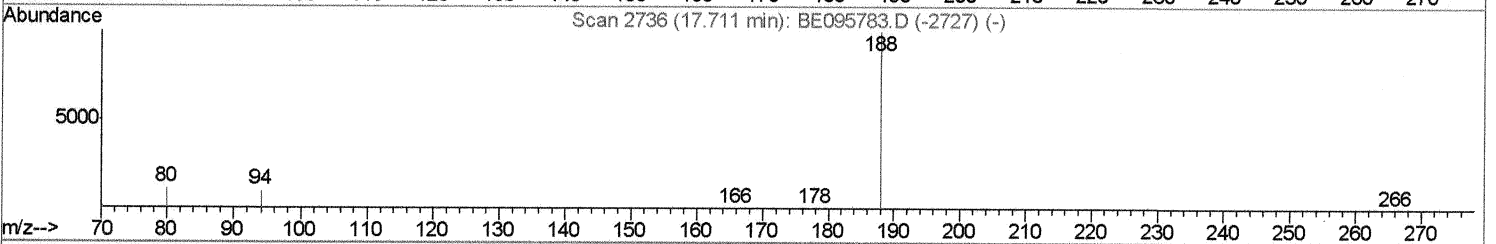
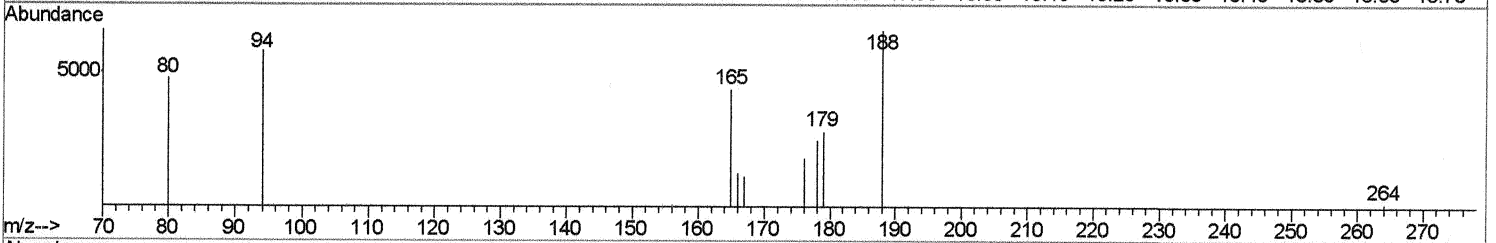
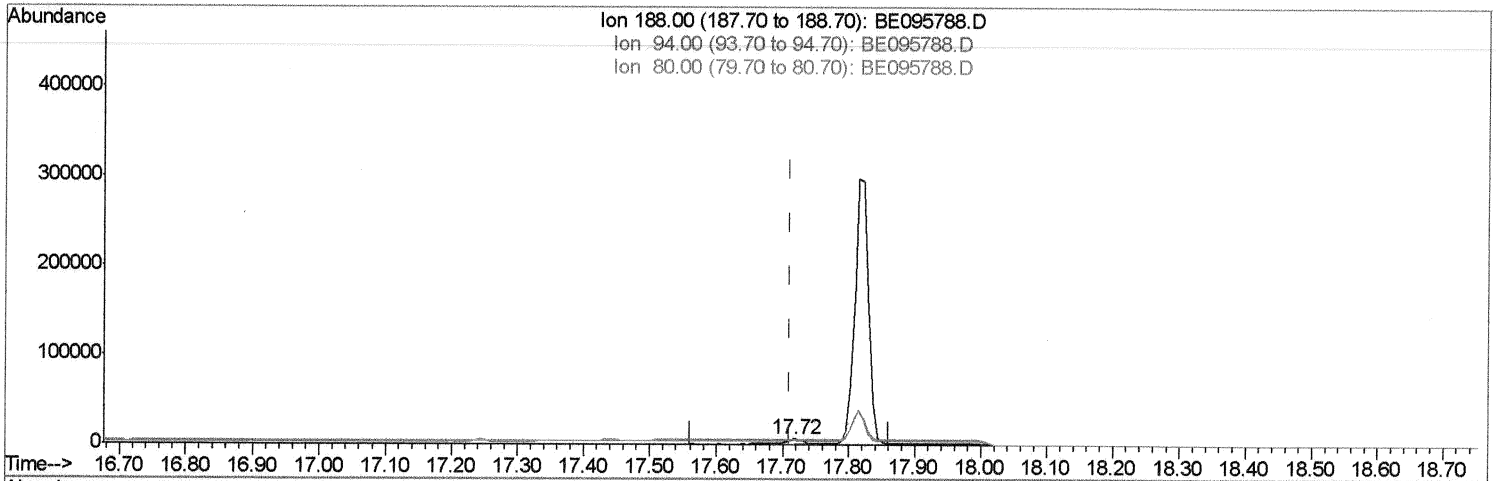
Instrument :

8.M Thu Mar 15 13:35:20 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:39:27 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: BE095788.D

(10) Phenanthrene-d10 (I)

17.718min (+0.006) 0.40ng/ul m> SJ 3/16/18

response 8749

Ion	Exp%	Act%
80:55:9 8102/5	3/15/2018 6:55:08 PM	
188.00	100	100

3/15/2018 6:55:08 PM 88.51#

Sohil

APPROVED

Manual Integrations 3.11#

ClientSampled : F6F14

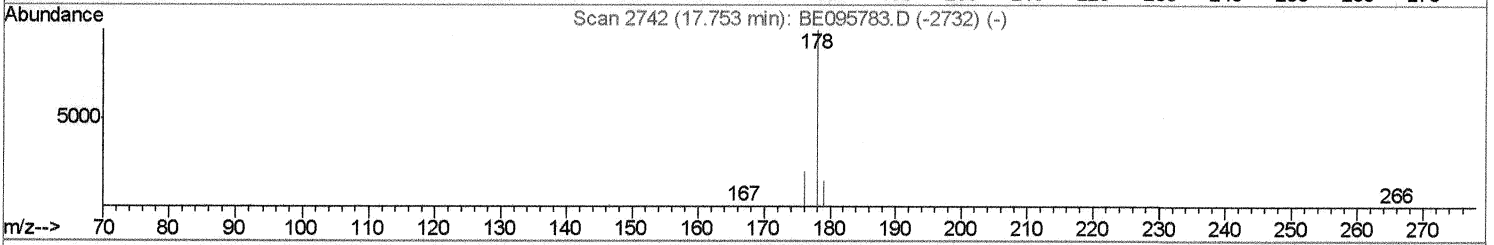
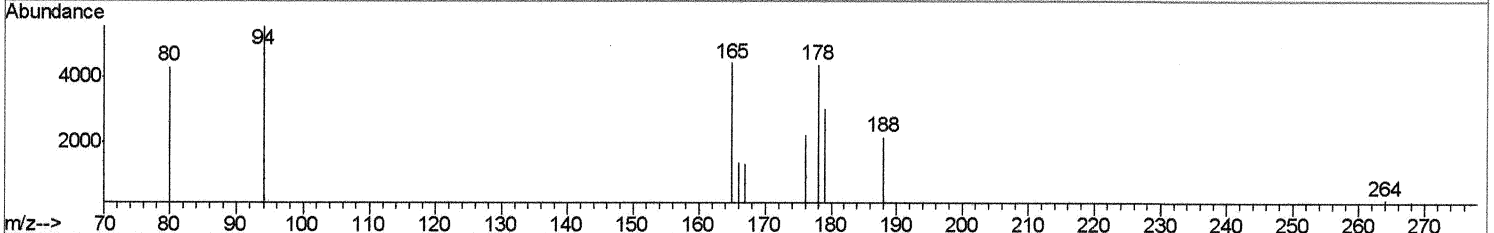
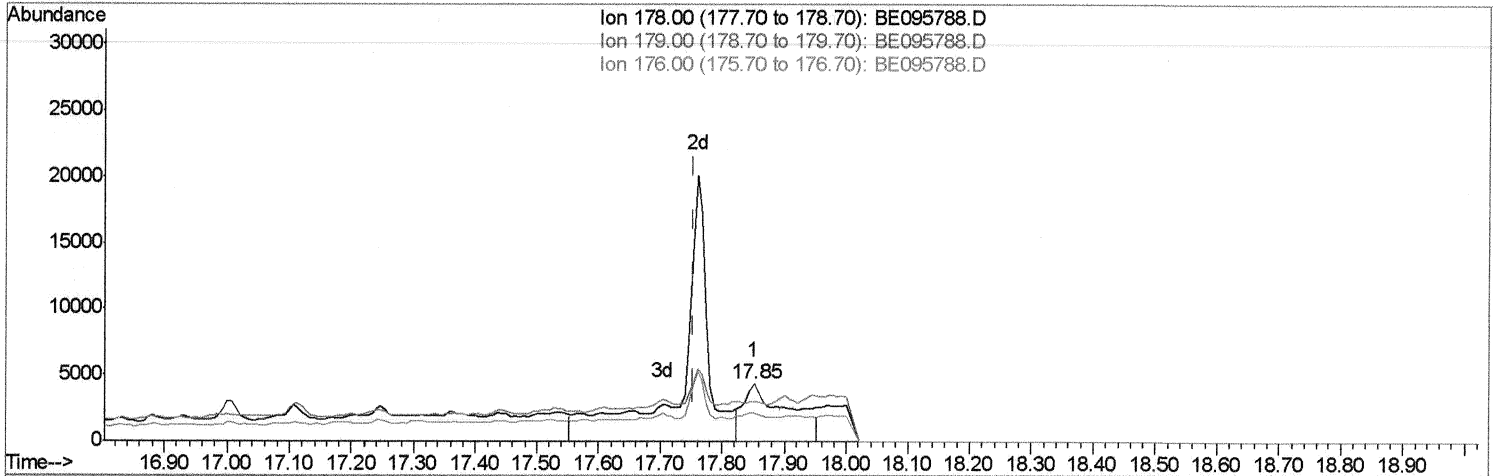
Instrument : BNA_E

8.M Thu Mar 15 13:37:15 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:43:15 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: BE095788.D

(12) Phenanthrene

17.851min (+0.098) 1.20ng/ul

response 31324

Ion	Exp%	Act%
80:55:9 180	100	100

3/15/2018 6:55:08 PM 39.02#

Sohil 50.78#

Manual Integrations 100.00

F6F14

ClientSampled :

BNA_E

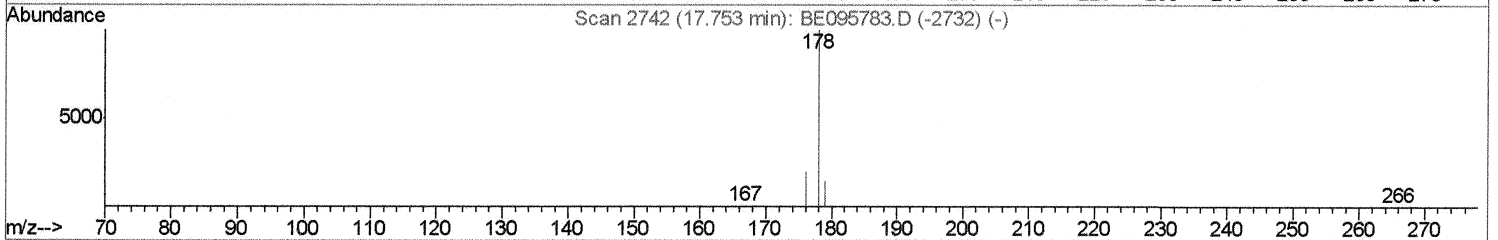
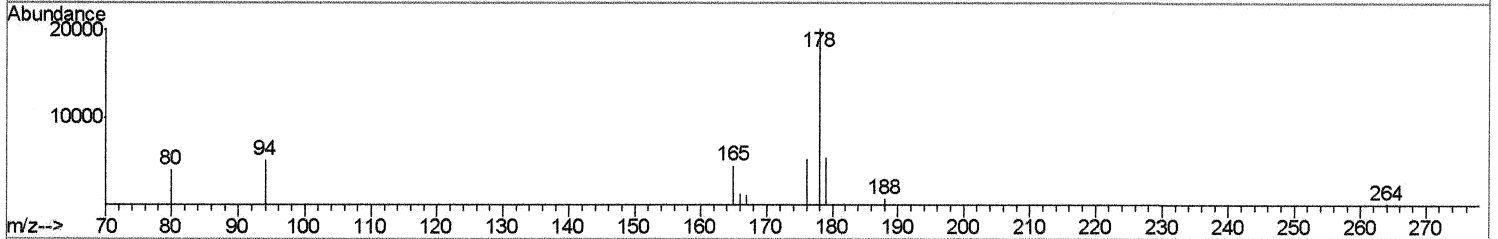
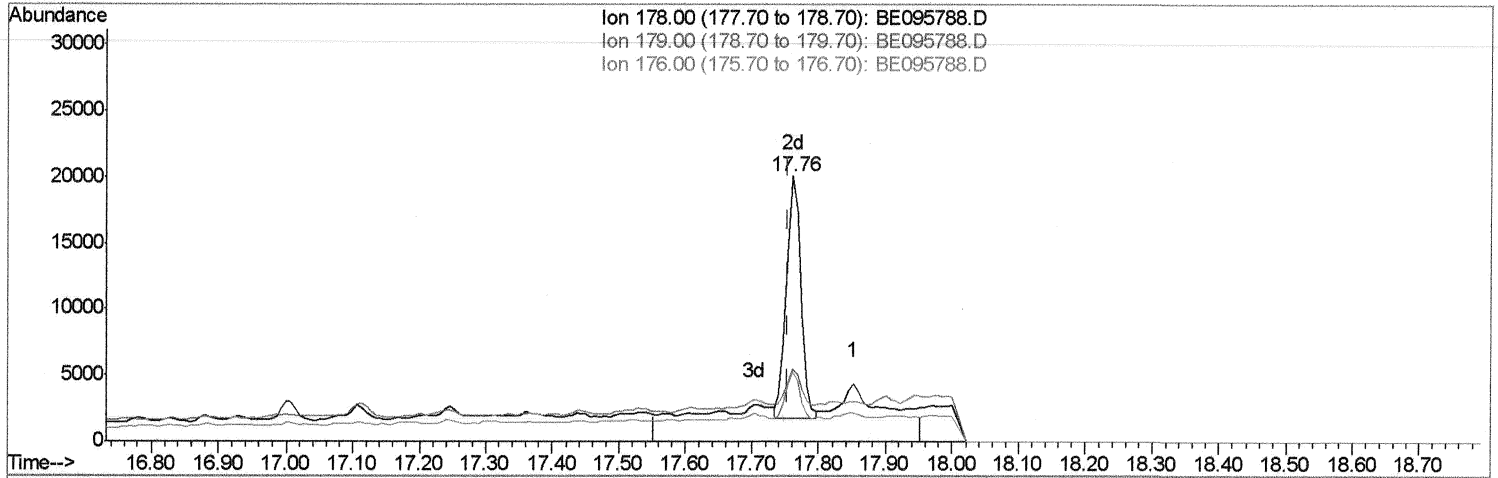
Instrument :

8.M Thu Mar 15 13:37:52 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:43:15 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: BE095788.D

(12) Phenanthrene

17.760min (+0.006) 1.05ng/ul m > SJ 3/16/18

response 27403

Ion	Exp%	Act%
80:55:08 PM	100	100

3/15/2018 6:55:08 PM	27.24
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Sohil

26.59#

Manual Integrations

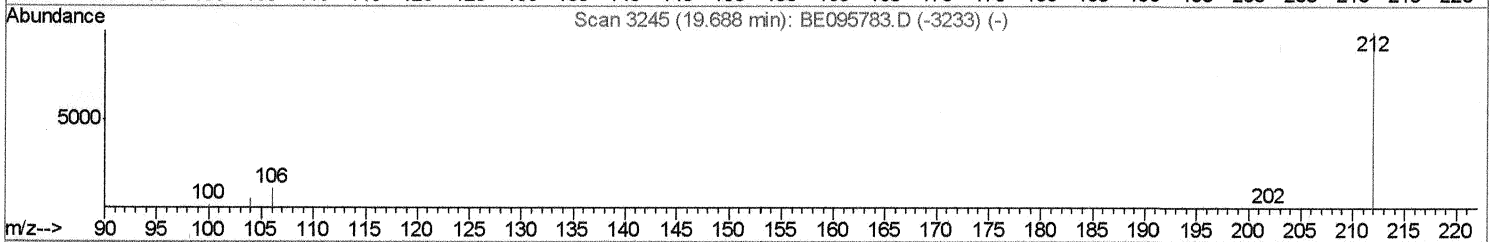
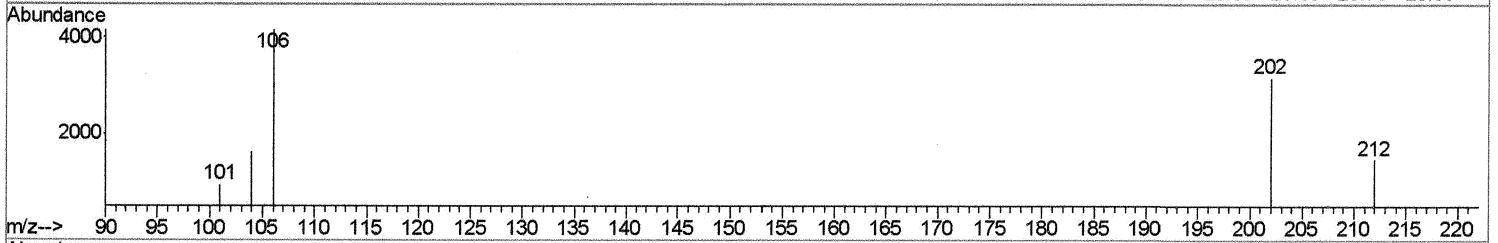
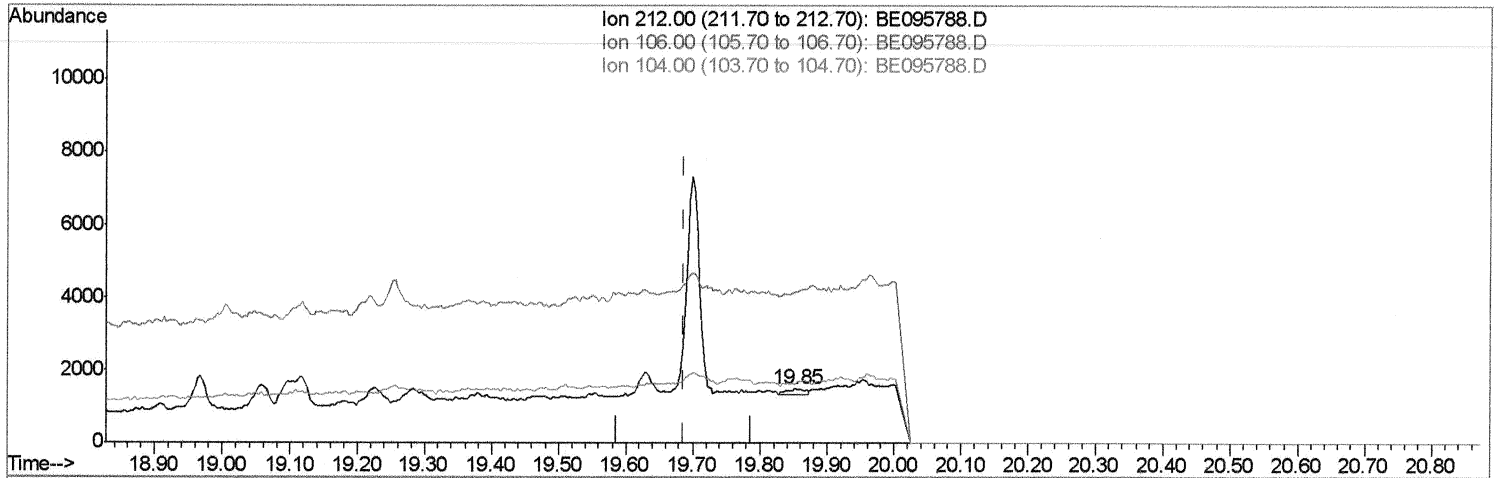
Instrument :
 BNA_E
 ClientSampled :
 F6F14

8.M Thu Mar 15 13:38:28 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:43:15 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: BE095788.D

(14) Fluoranthene-d10 (SURR)

19.851min (+0.164) 0.01ng/ui

response 327

Ion	Exp%	Act%
80:5:9 810	100	100

80:5:9 810	16.82
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SoHII

80:5:9 810	18.65
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APPROVED

80:5:9 810	100
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Manual Integrations

F6F14

ClientSampled :

BNA_E

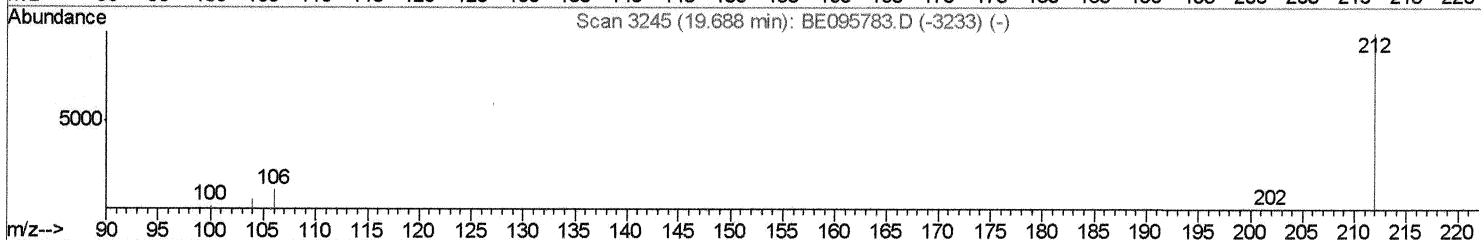
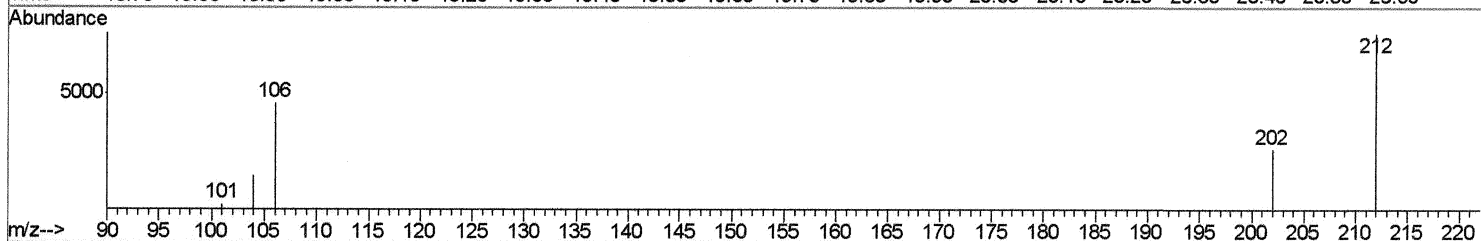
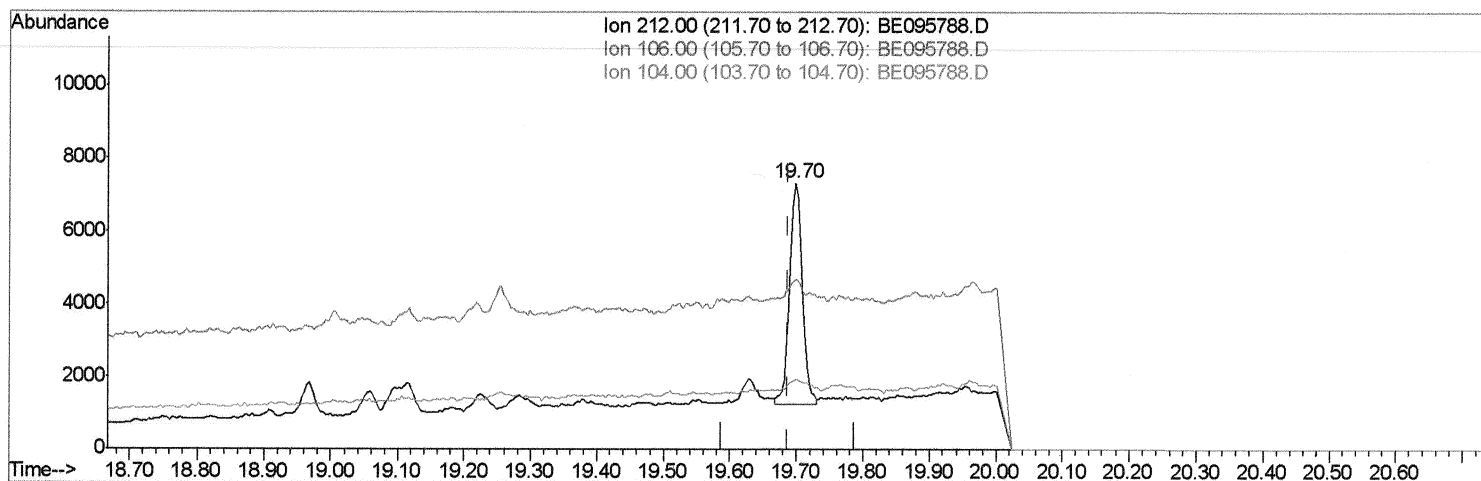
Instrument :

8.M Thu Mar 15 13:38:38 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:43:15 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: BE095788.D

(14) Fluoranthene-d10 (SURR)

19.698min (+0.010) 0.30ng/ul m) SJ 3/16/18

response 8232

Ion	Exp%	Act%
80:55:08 PM	0.67#	0.74#
80:55:08 PM	0.67#	0.74#
80:55:08 PM	0.67#	0.74#

3/15/2018 6:55:08 PM

Sohil

APPROVED

Manual Integrations

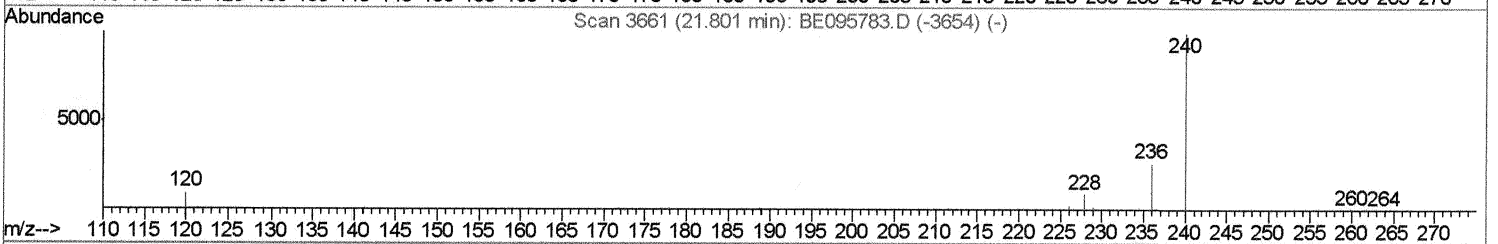
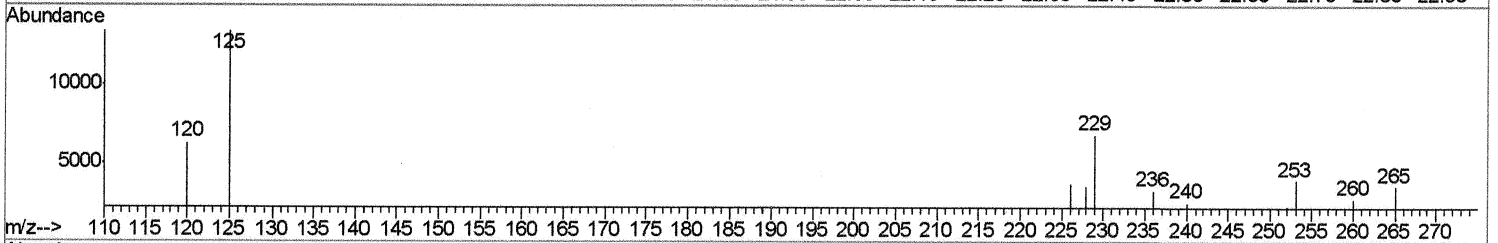
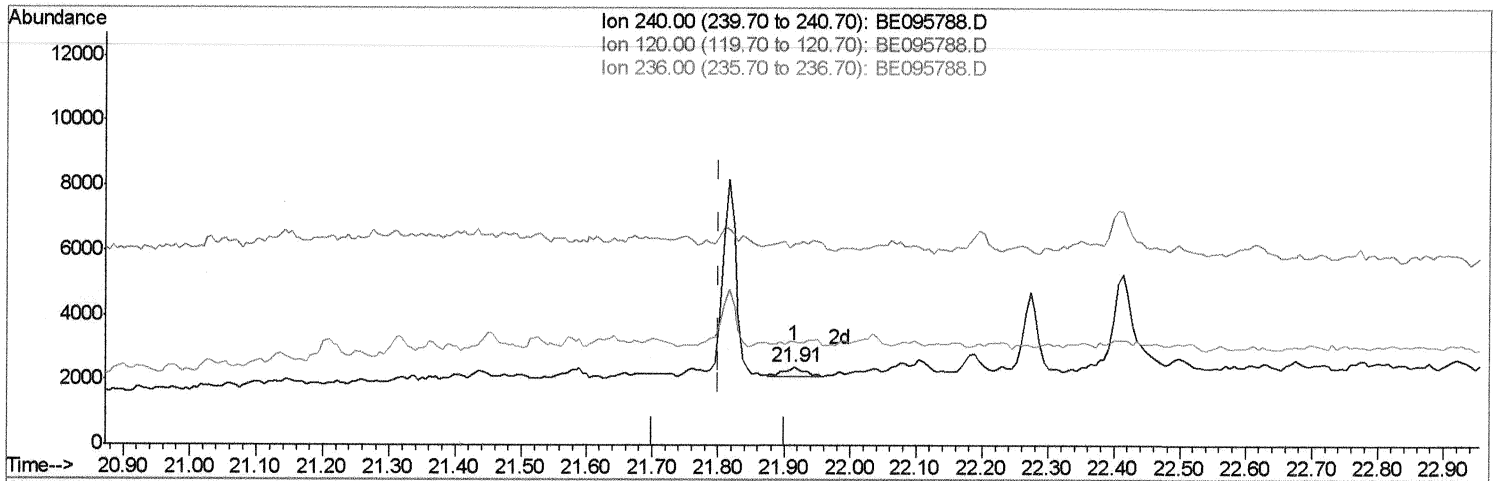
Instrument :
 BNA_E
 ClientSampled :
 F6F14

18.M Thu Mar 15 13:39:17 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:43:15 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: BE095788.D

(16) Chrysene-d12 (I)

21.914min (+0.113) 0.40ng/ul

response 573

Ion	Exp%	Act%
80:55:9 810	100	100

3/15/2018 6:55:08 PM 57.52#

Sohil

APPROVED 33.00#

Manual Integrations 00

F6F14

ClientSampled :

BNA_E

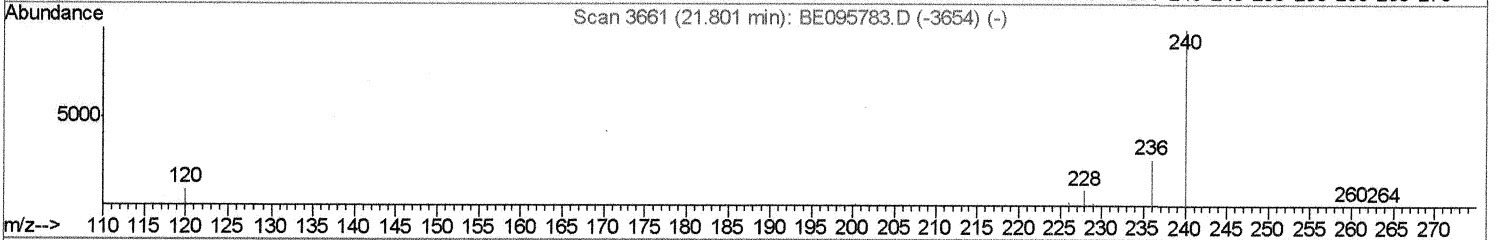
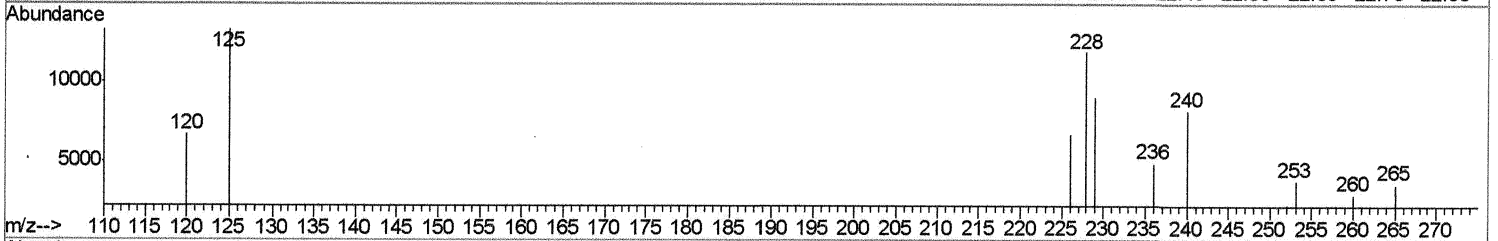
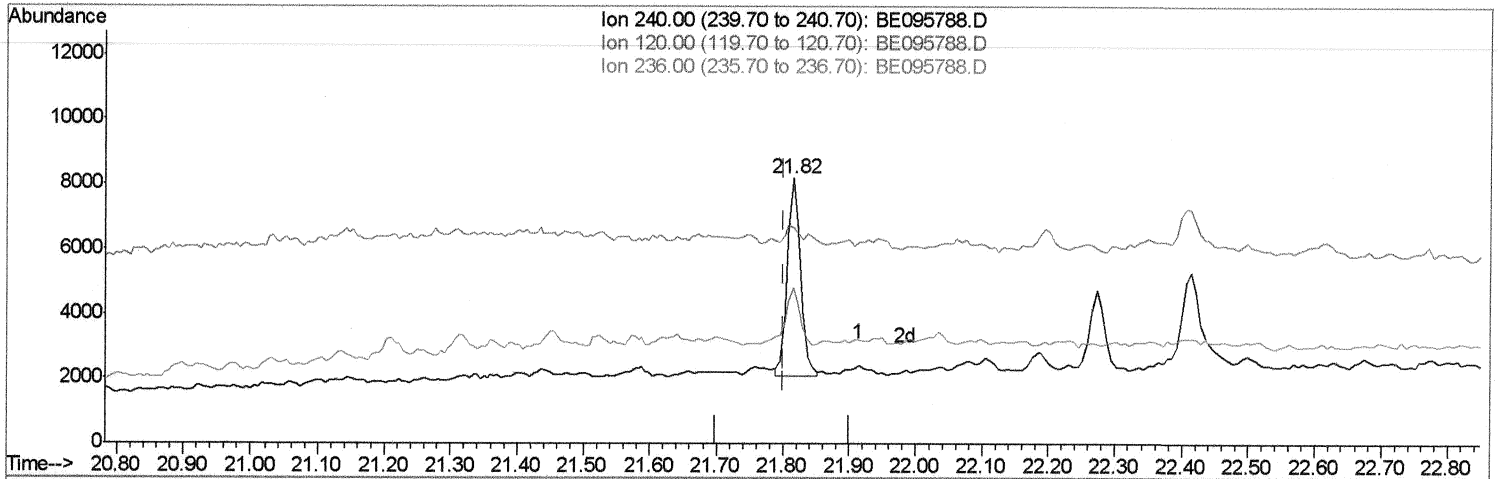
Instrument :

8.M Thu Mar 15 13:39:27 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:43:15 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: BE095788.D

(16) Chrysene-d12 (I)

21.815min (+0.015) 0.40ng/ul m> SJ 3/16/18

response 8497

Ion	Exp%	Act%
80:55:9 8107:55:8 PM	100	100

3/15/2018 6:55:08 PM 31.29#

Sohil

APPROVED

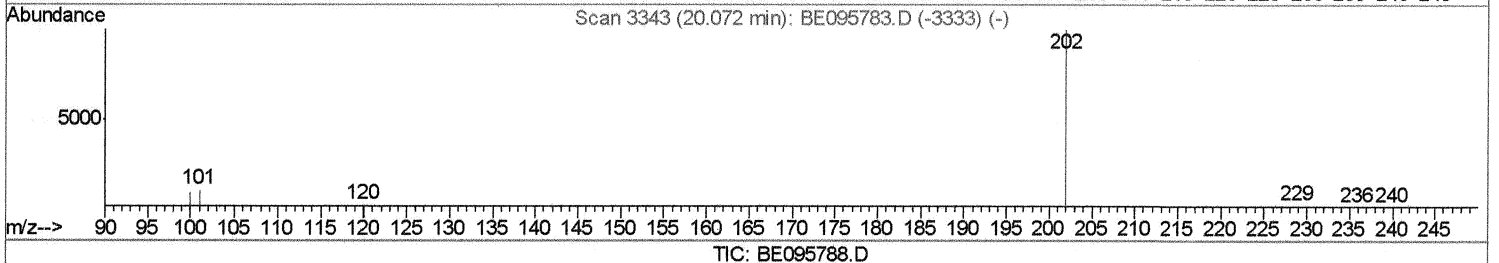
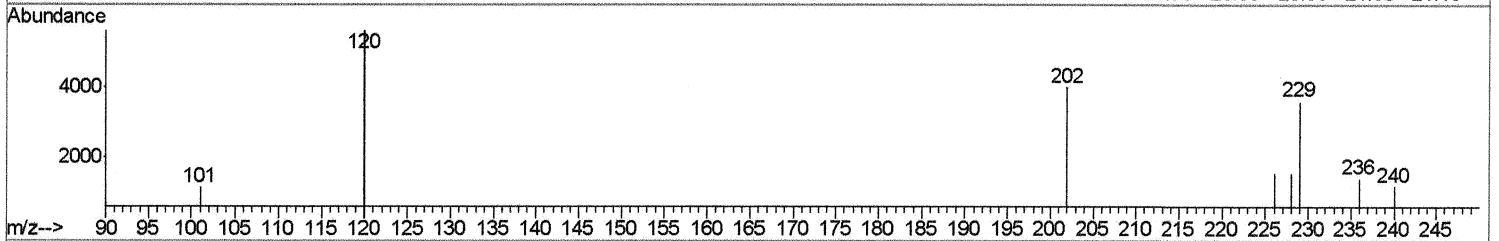
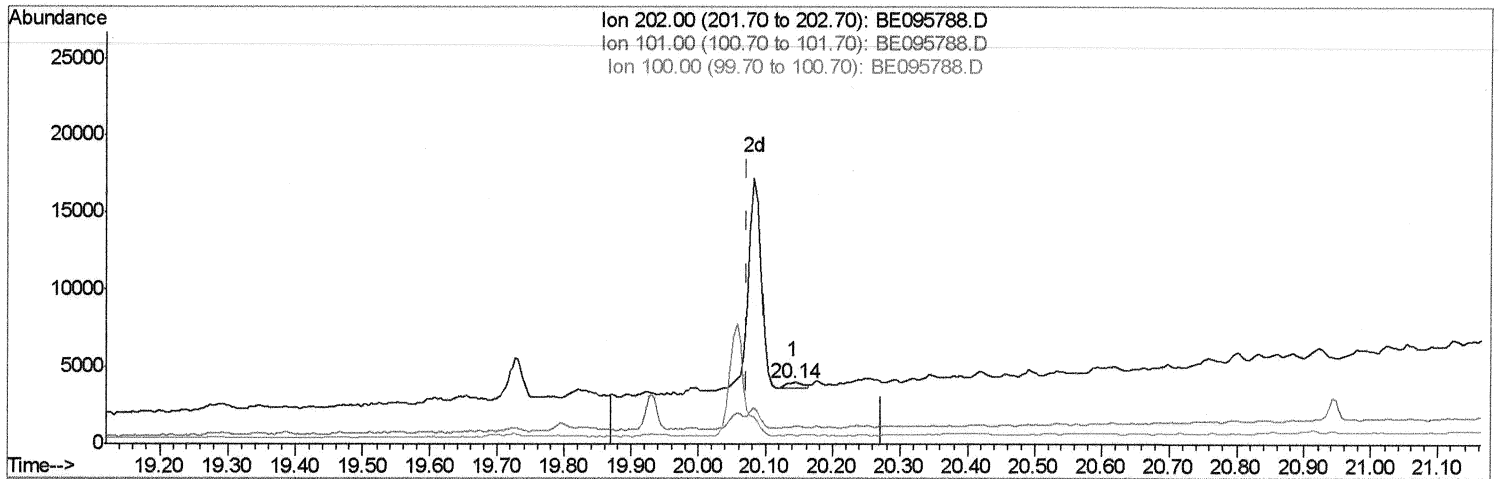
Manual Integrations 58.84#

Client Sample: BNA_E
 Instrument: 8.M Thu Mar 15 13:39:45 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:45:44 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



(17) Pyrene

20.141min (+0.069) 0.02ng/ul

response 668

Ion	Exp%	Act%
202.00	100	100

202.00	100	100
202.00	100	100

28.71#

15.08#

0.00

Manual Integrations

APPROVED

3/15/2018 6:55:08 PM

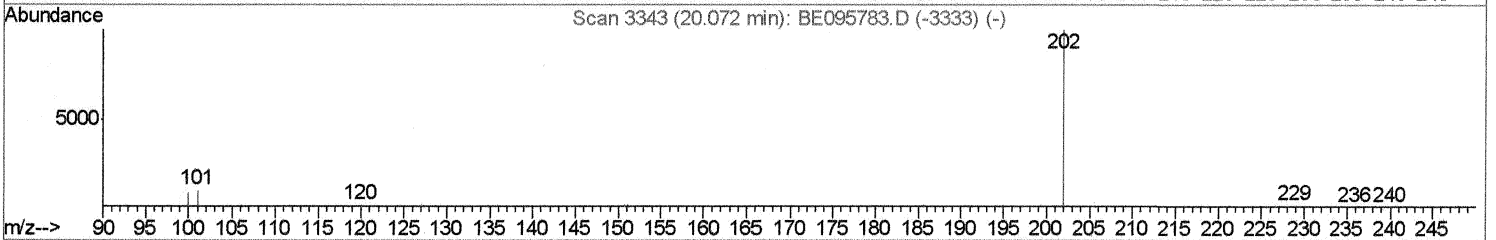
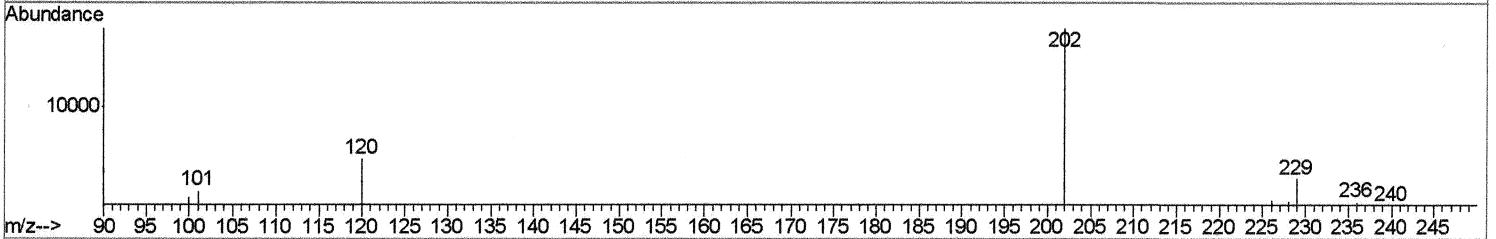
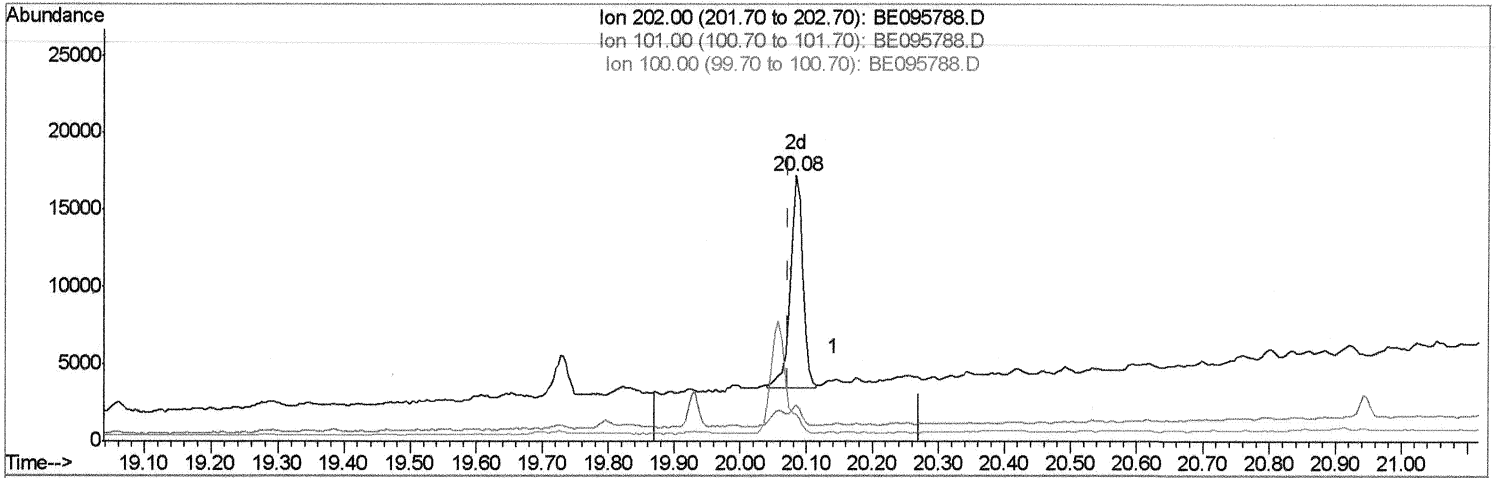
ClientSampled : BNA_E

Instrument : 8.M Thu Mar 15 13:40:18 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:45:44 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



(17) Pyrene

20.083min (+0.011) 0.59ng/ul m> SJ 3/16/18

response 19041

Ion	Exp%	Act%
80.55:9 8102/51/3		
202.00	100	100

3/15/2018 6:55:08 PM 13.81#

Sohil

APPROVED 10.62#

Manual Integrations 10.00

F6F14

ClientSampled :

BNA_E

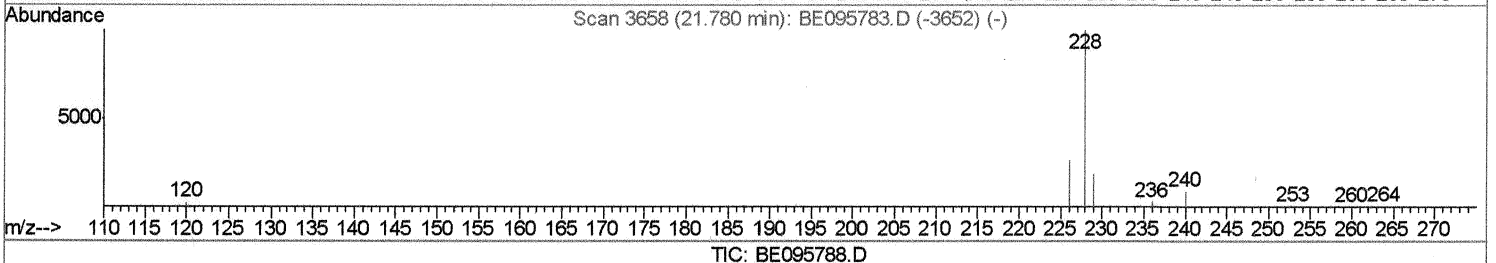
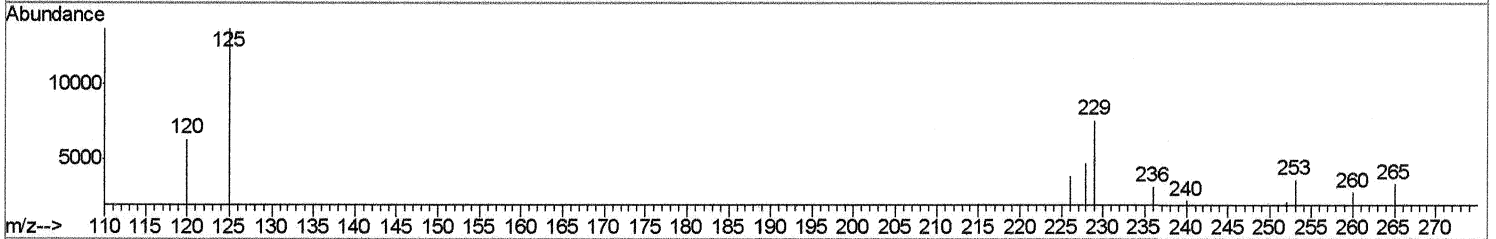
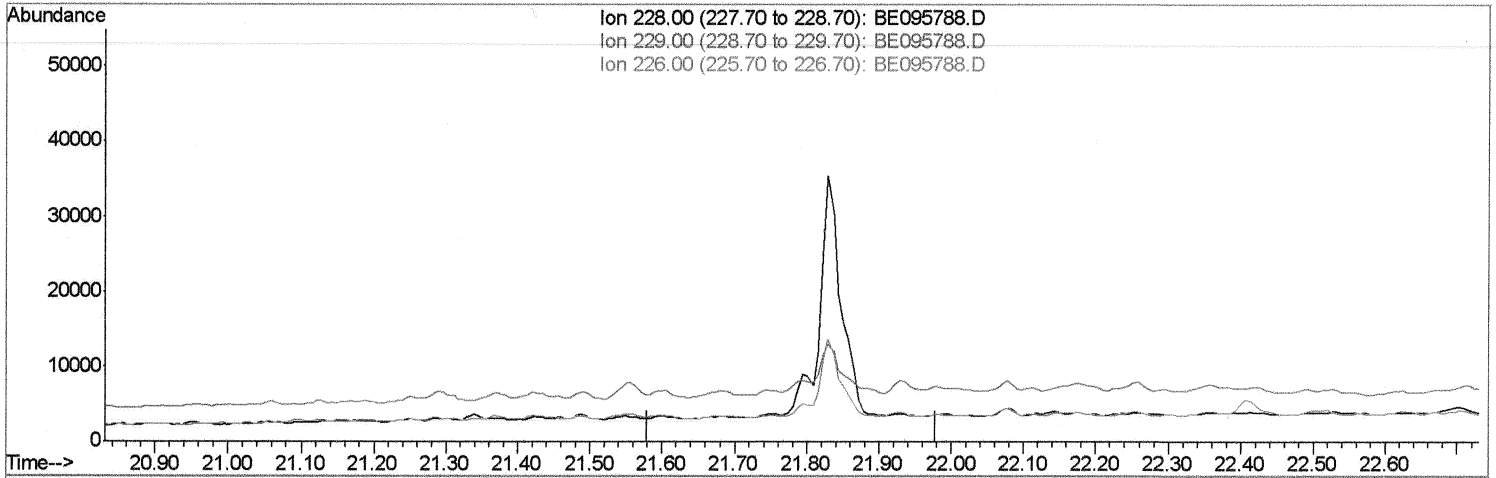
Instrument :

8.M Thu Mar 15 13:40:34 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:47:11 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



(18) Benzo(a)anthracene

21.780min (-21.780) 0.00ng/ul d

response 0

Ion	Exp%	Act%
80:59:8102/51/3	0.00	0.00
3/15/2018 6:55:08 PM	0.00	0.00
Manual Integrations	0.00	0.00
APPROVED	0.00	0.00
3/15/2018 6:55:08 PM	0.00	0.00

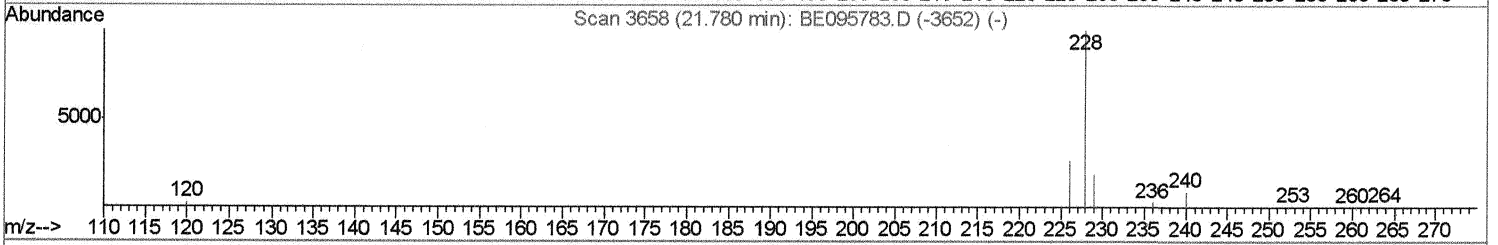
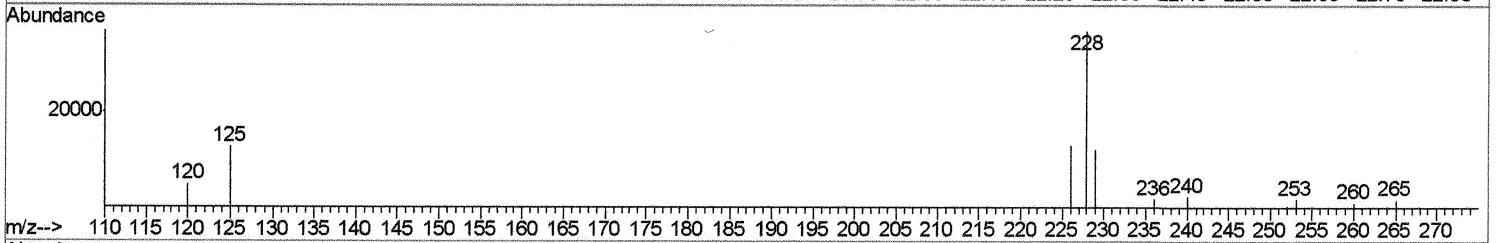
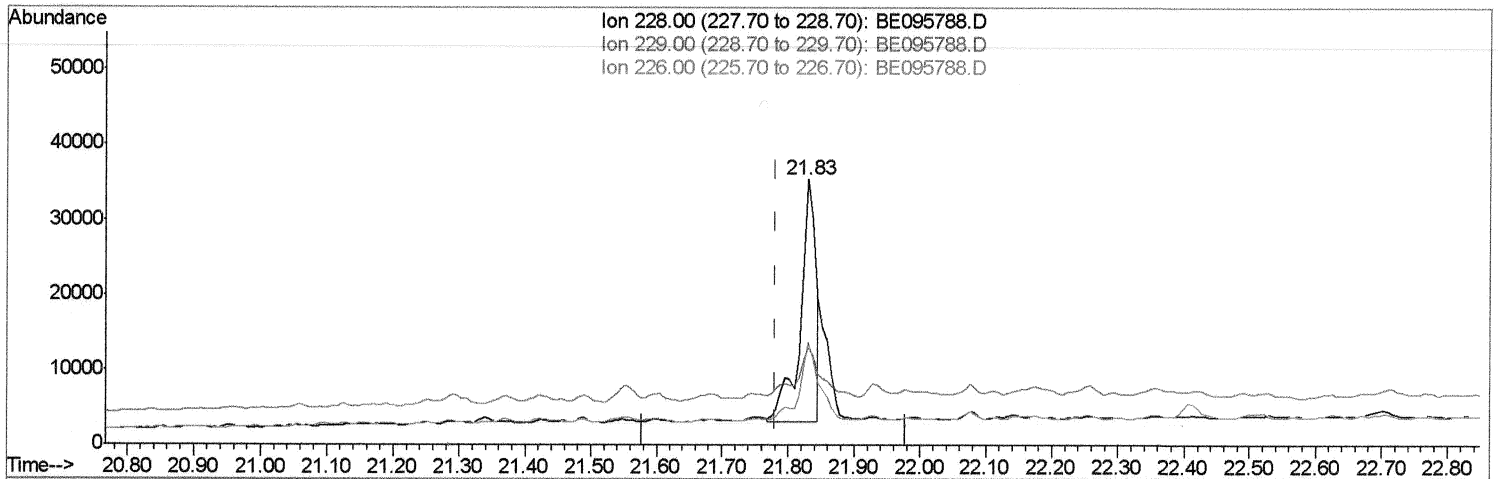
Instrument :
 BNA_E
 ClientSampled :
 F6F14

8.M Thu Mar 15 13:41:51 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:47:11 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



(18) Benzo(a)anthracene

21.829min (+0.050) 1.98ng/ul m > SJ 3/16/18

response 54366

Ion	Exp%	Act%
80:55:9 8102/51/3		
3/15/2018 6:55:08 PM		

36.91#

Sohil

38.50#

Manual Integrations

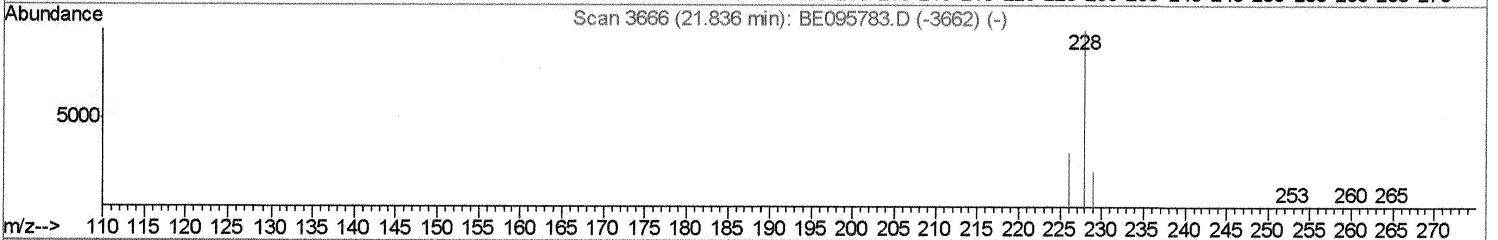
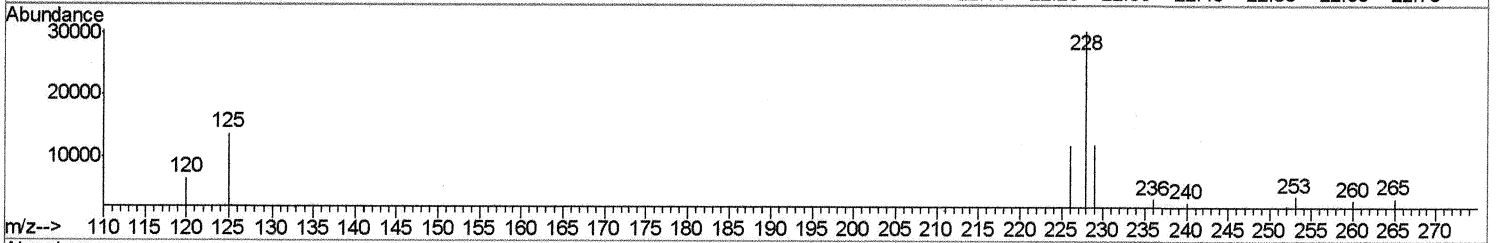
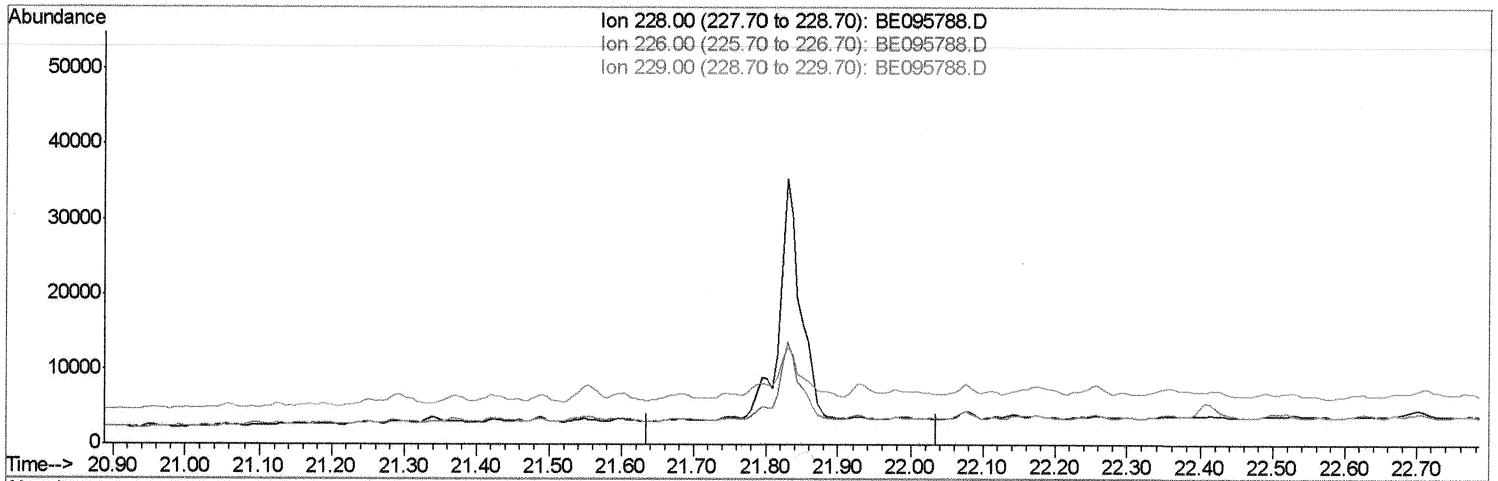
Instrument :
 BNA_E
 ClientSampled :
 F6F14

8.M Thu Mar 15 13:42:07 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:47:11 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: BE095788.D

(19) Chrysene

21.836min (-21.836) 0.00ng/ul d

response 0

Ion	Exp%	Act%
228.00	100	0.00

3/15/2018 6:55:08 PM

Sohil

APPROVED

Manual Integrations

F6F14

Client Sampled :

BNA_E

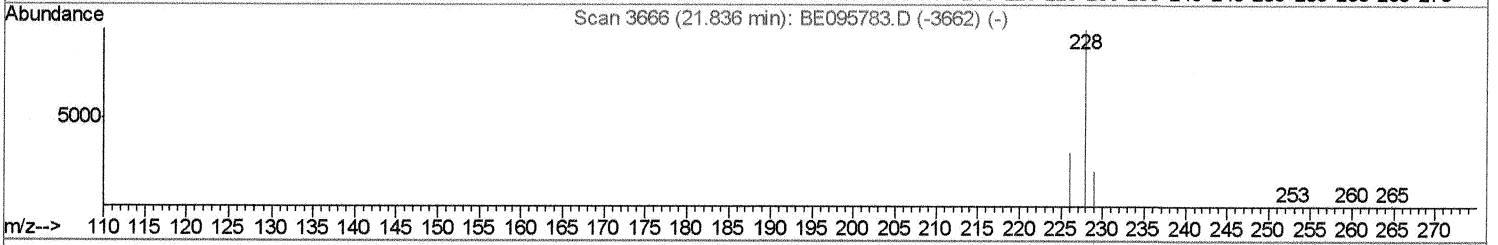
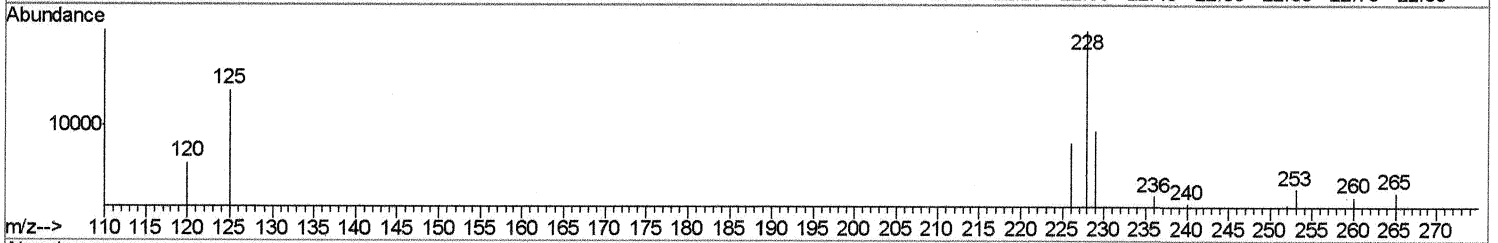
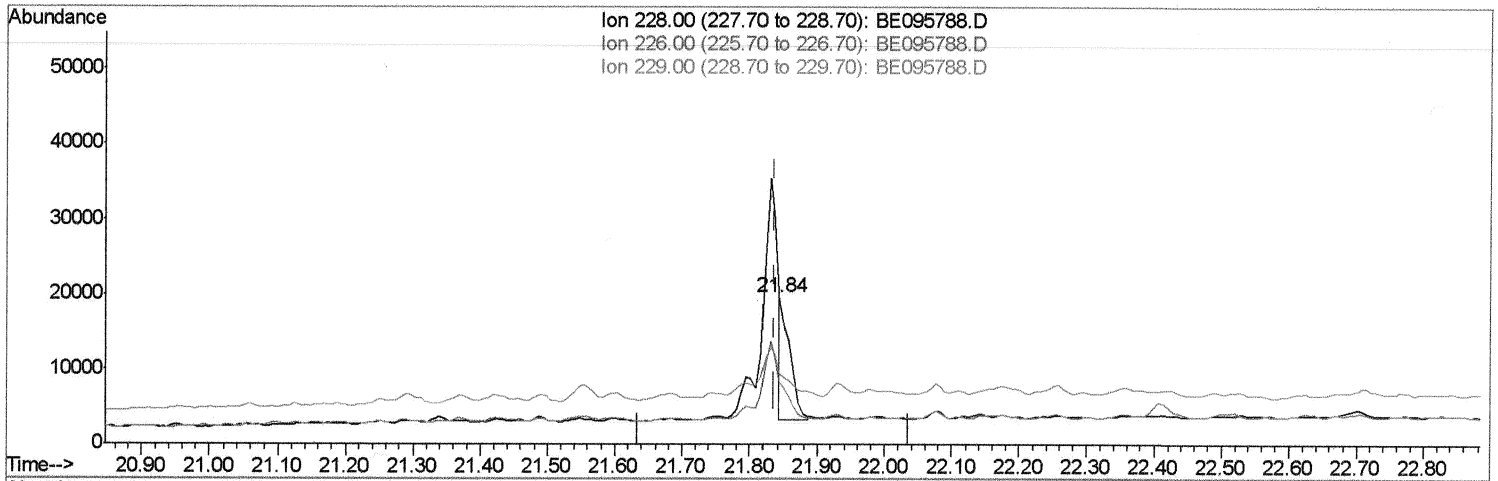
Instrument :

8.M Thu Mar 15 13:42:13 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:47:11 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



(19) Chrysene

21.843min (+0.008) 0.50ng/ul m > 50 3/16/18

response 14010

Ion	Exp%	Act%
80:55:9 8102	3/15/2018 6:55:08 PM	
228.00	100	100

3/15/2018 6:55:08 PM 42.70#

Sohil

APPROVED

Manual Integrations 49.00#

F6F14

ClientSampled :

BNA_E

Instrument :

8.M Thu Mar 15 13:42:40 2018

Data Path : Z:\HPCHEM1\BNA_E\Data\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 15 13:48:39 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	8.43	152	2600	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	7811	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	4844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.72	188	8749m	0.40	ng/ul	0.00
16) Chrysene-d12	21.82	240	8497m	0.40	ng/ul	0.01
20) Perylene-d12	24.48	264	8912	0.40	ng/ul	0.05

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.81	152	3484	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8232m	0.30	ng/ul	0.01

Target Compounds

Qvalue

3) Naphthalene	11.31	128	8833	0.405	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	10707	0.706	ng/ul	100
12) Phenanthrene	17.76	178	27403m	1.046	ng/ul	
17) Pyrene	20.08	202	19041m	0.590	ng/ul	
18) Benzo(a)anthracene	21.83	228	54366m	1.983	ng/ul	
19) Chrysene	21.84	228	14010m	0.502	ng/ul	

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

3/15/2018 6:55:08 PM

3/15/2018 6:55:08 PM

Sohil

APPROVED

Manual Integrations

F6F14

Client Sampled :

BNA_E

Instrument :

M Thu Mar 15 13:43:56 2018