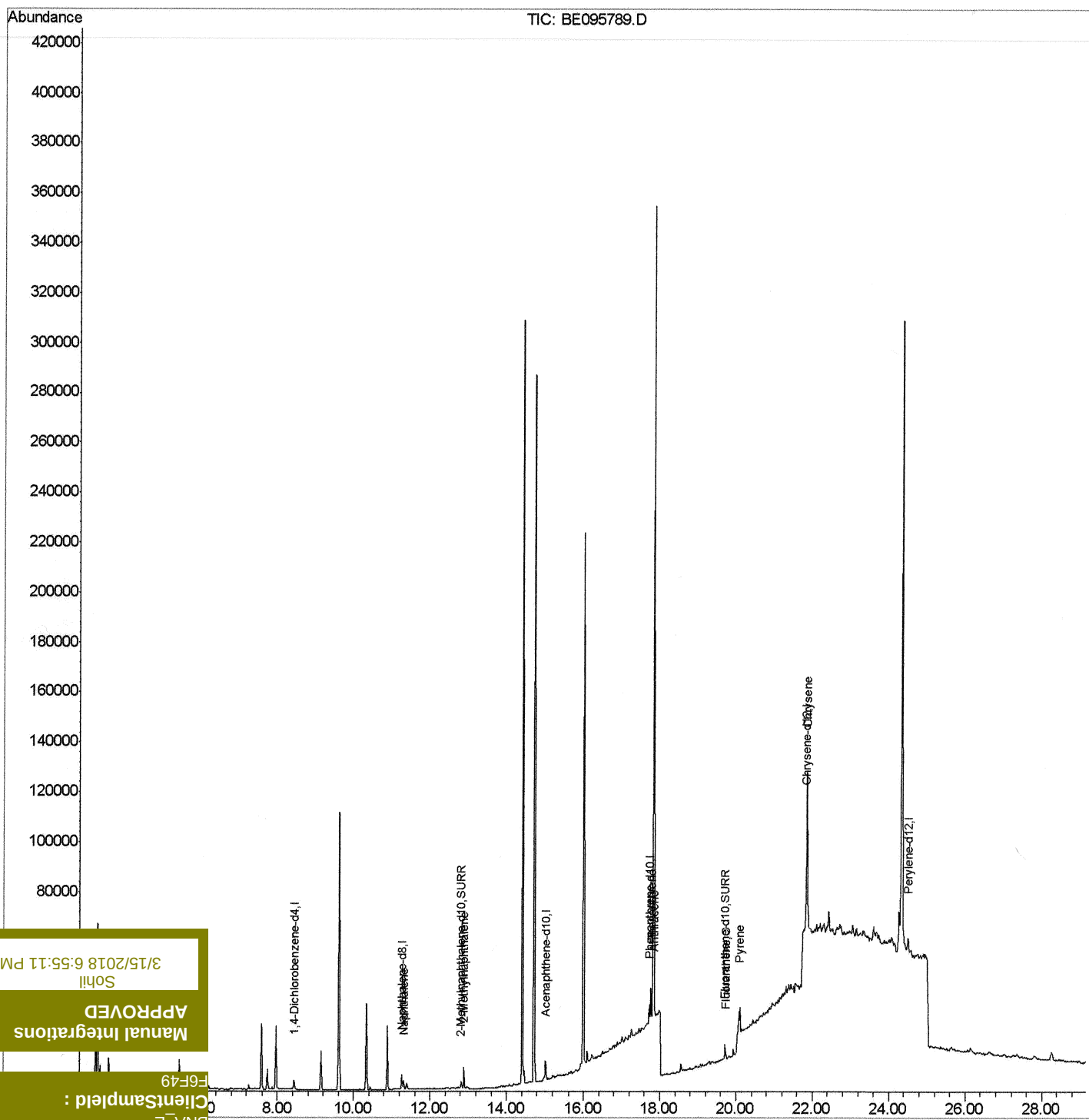


Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095789.D
Acq On : 15 Mar 2018 6:08
Operator : SJ/JU
Sample : J1835-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

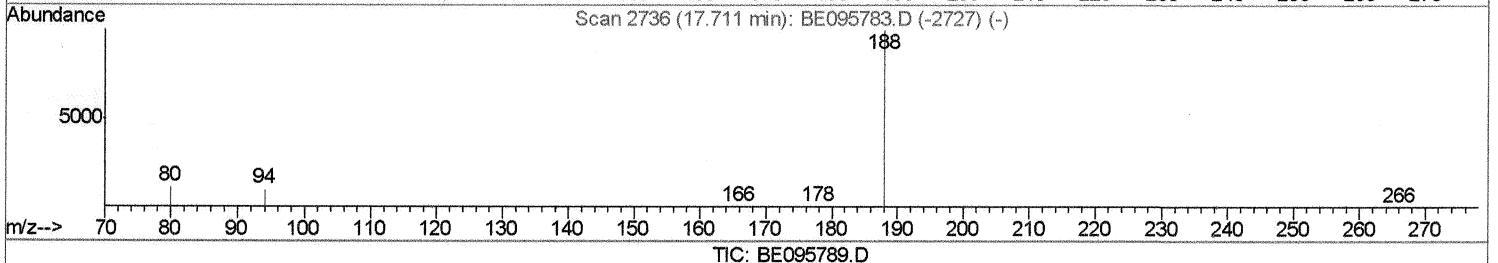
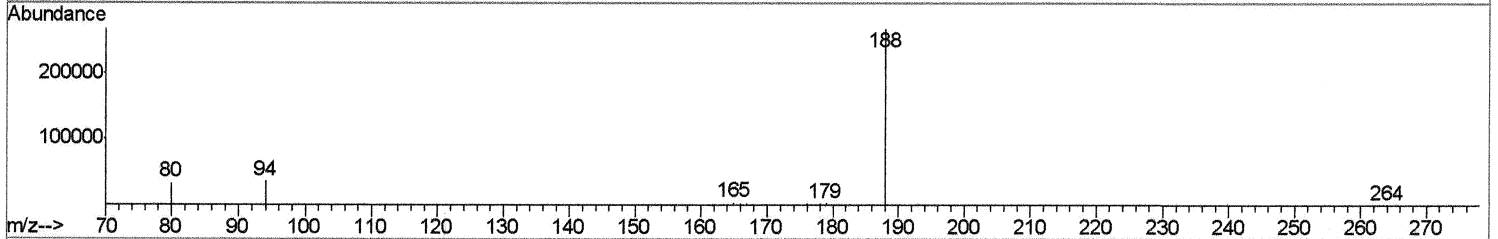
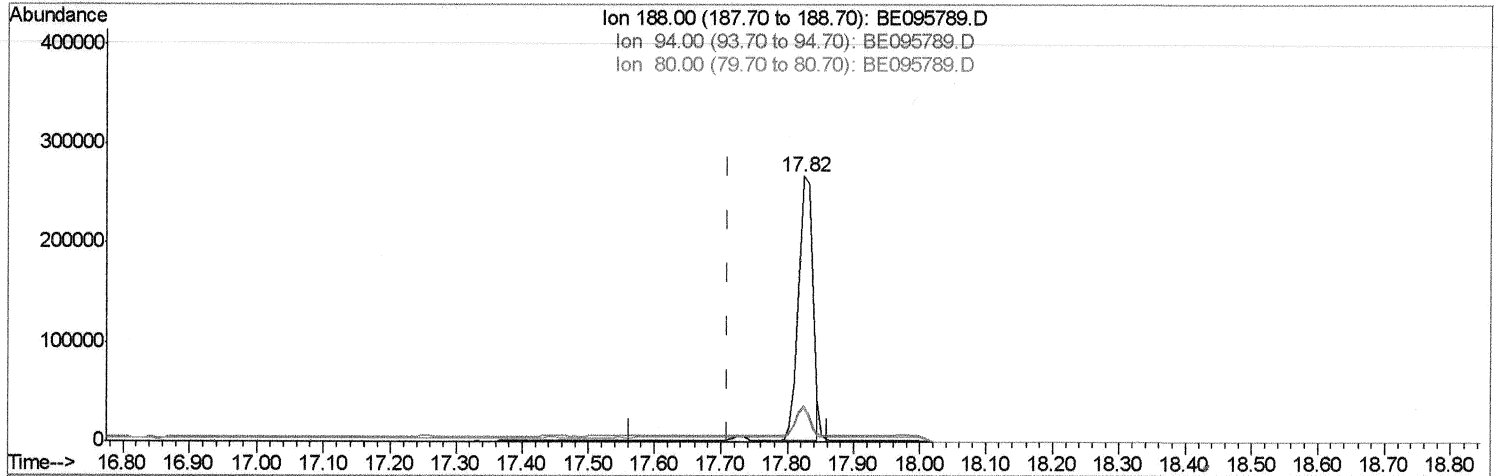
Quant Time: Mar 15 08:58:21 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Thu Mar 15 05:35:28 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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



(10) Phenanthrene-d10 (I)

17.824min (+0.112) 0.40ng/ul

response 396238

Ion	Exp%	Act%
188.00	100	100
94.00	100	13.62
80.00	100	2.69
166.00	100	0.00

188.00 100 100

3/15/2018 6:55:11 PM 13.62#

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

BNA_E

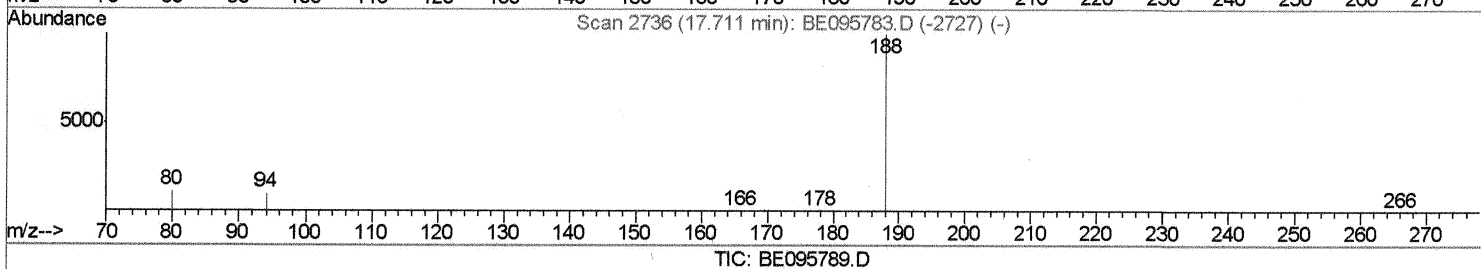
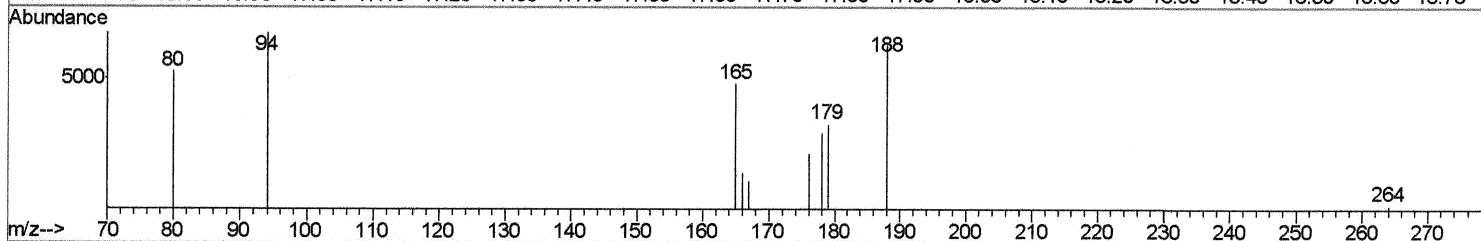
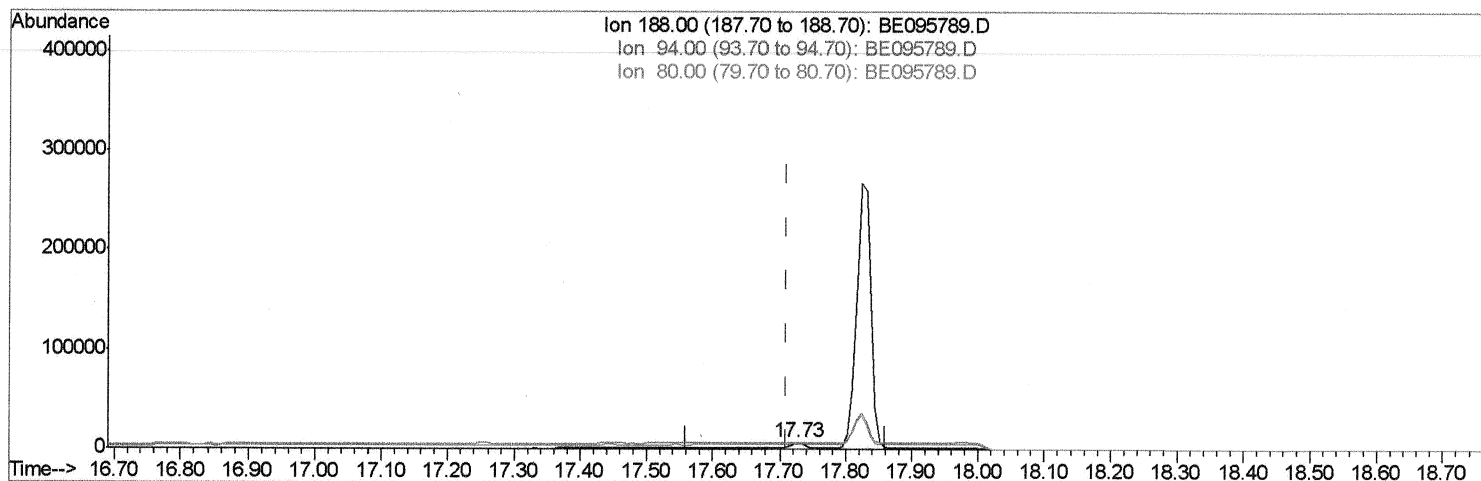
Instrument :

8.M Thu Mar 15 08:55:05 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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



(10) Phenanthrene-d10 (I)

17.725min (+0.014) 0.40ng/ul m> SA 3/16/18

response 9179

Ion	Exp%	Act%
188.00	100	100

3/15/2018 6:55:11 PM #89

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

BNA_E

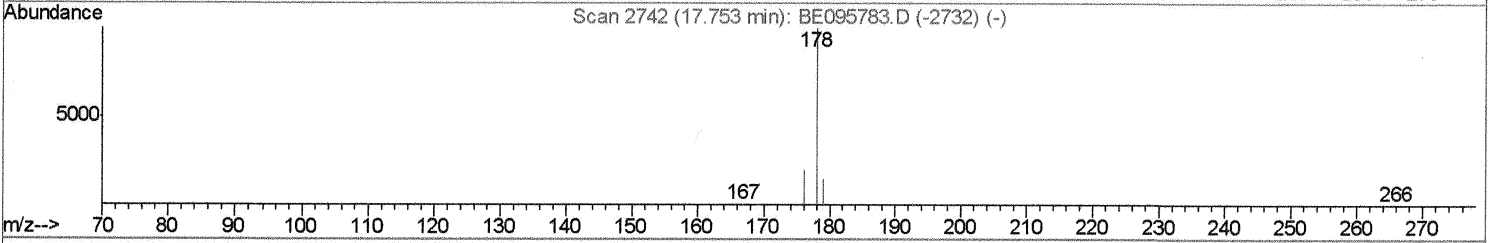
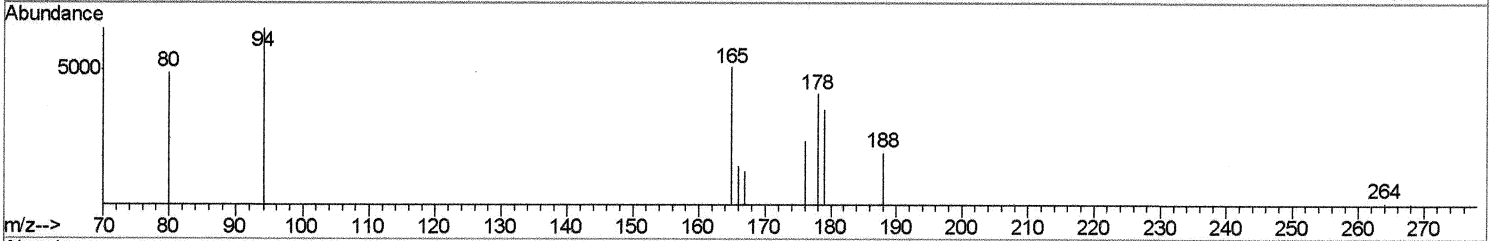
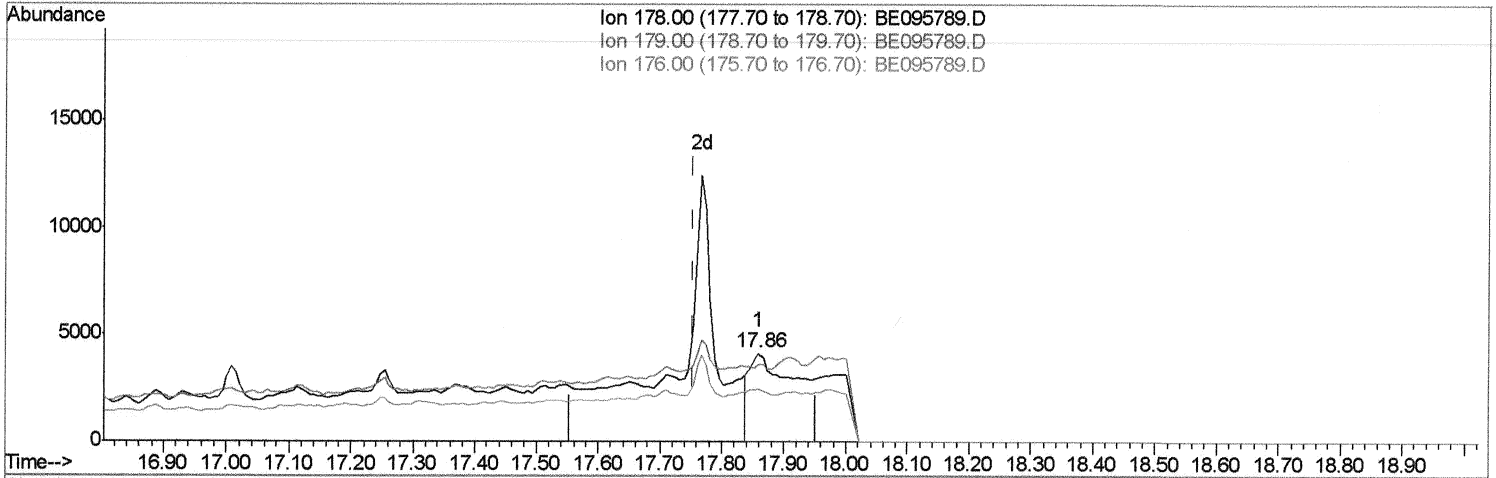
Instrument :

8.M Thu Mar 15 08:55:23 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(12) Phenanthrene

17.859min (+0.105) 1.20ng/ul

response 32913

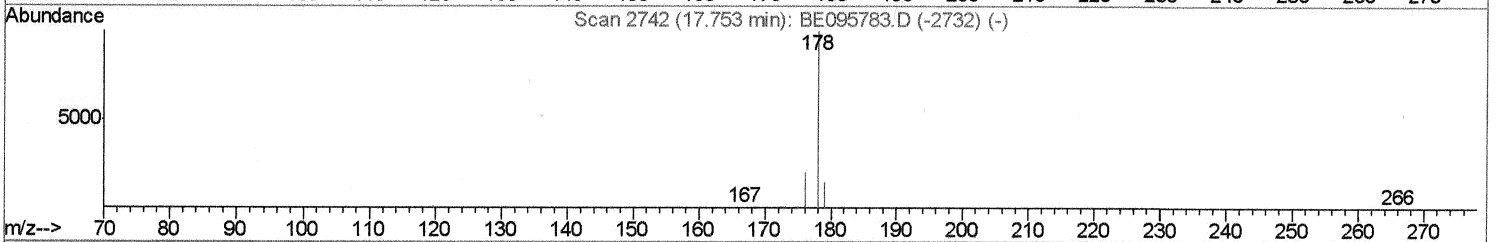
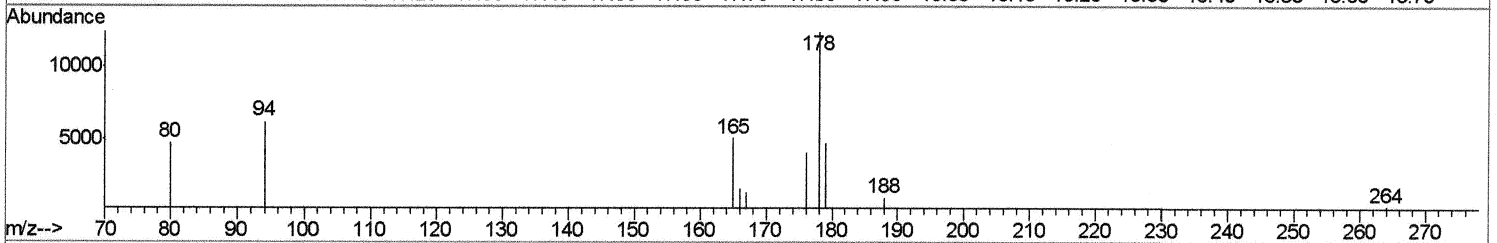
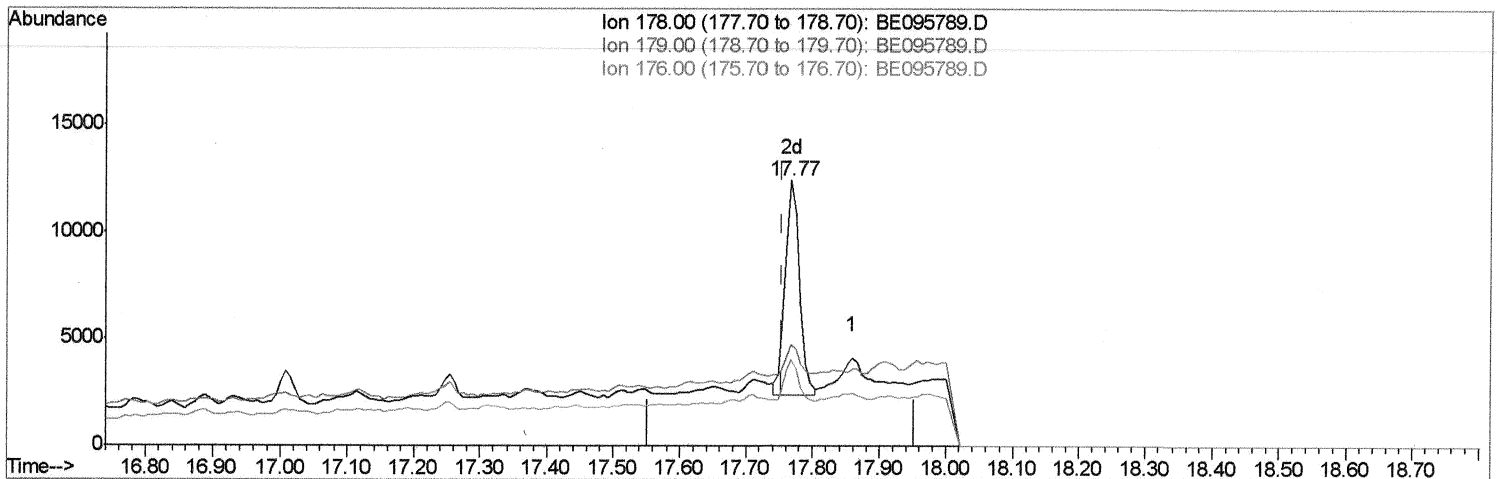
Ion	Exp%	Act%
178.00	100	100
179.00	87.25	87.25
176.00	59.98	59.98
177.00	100	100

18.M Thu Mar 15 08:55:38 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(12) Phenanthrene

17.767min (+0.014) 0.55ng/ul m> SJ 3/16/18

response 15234

Ion Exp% Act%

178.00 100 100

3/15/2018 6:55:11 PM 38.06#

Sohil 32.52#

APPROVED

Manual Integrations 00

F6F49

ClientSampled :

BNA_E

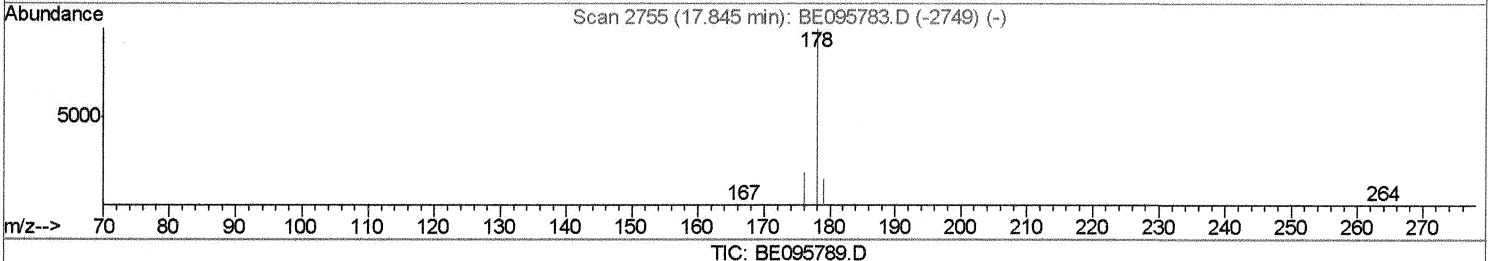
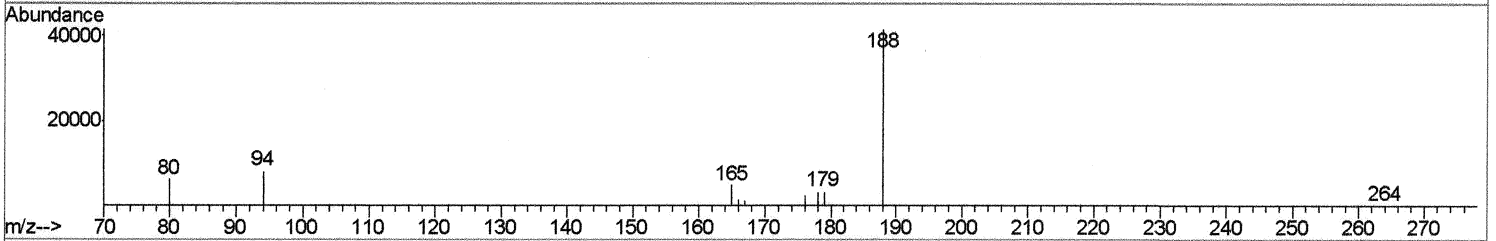
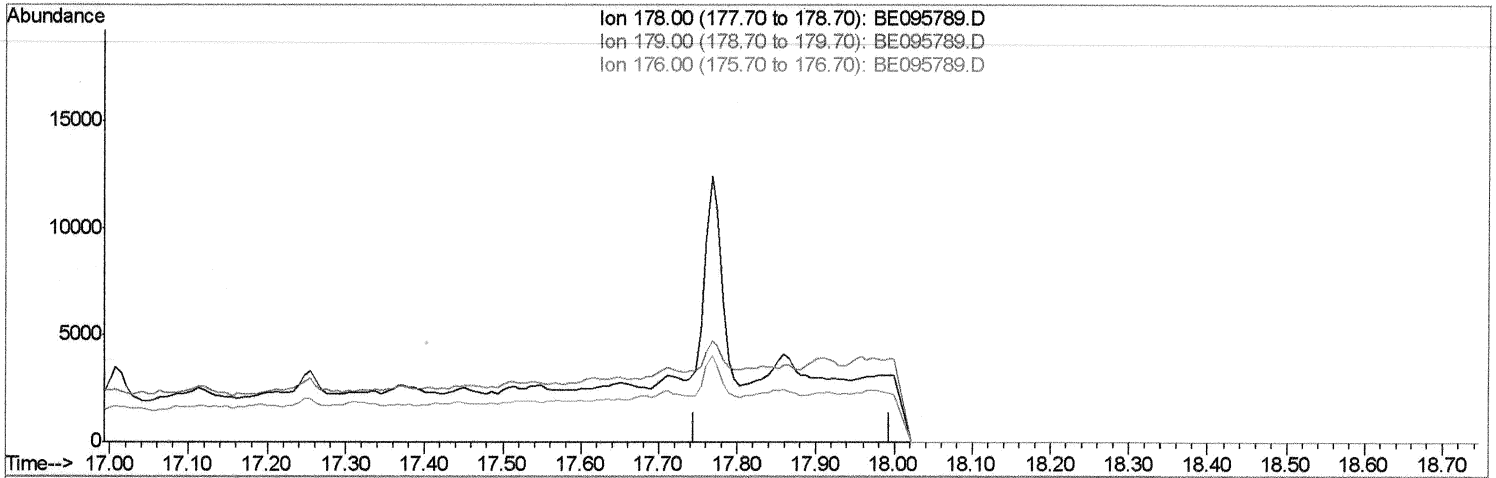
Instrument :

8.M Thu Mar 15 08:55:48 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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



(13) Anthracene

17.845min (-17.845) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00

0.00#

0.00#

0.00#

0.00

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

BNA_E

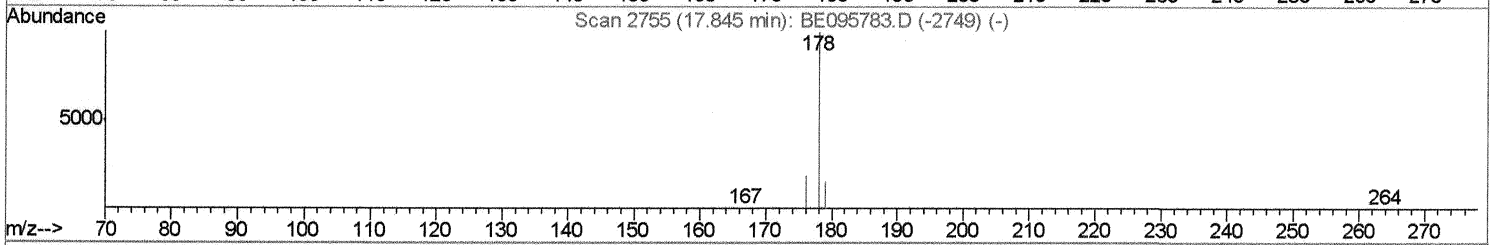
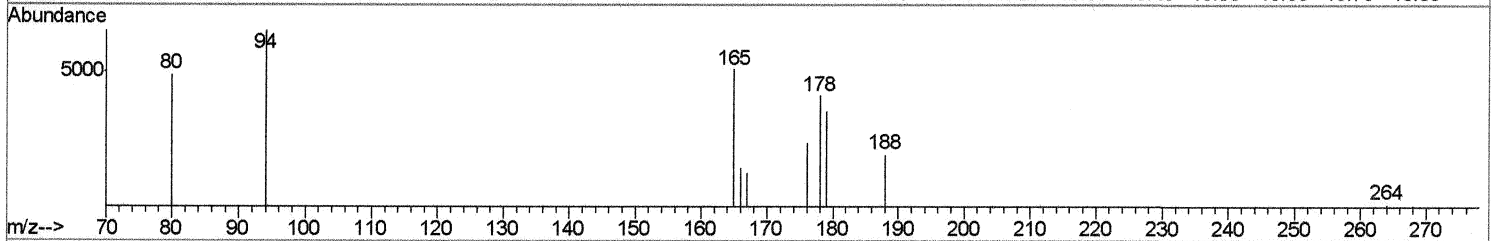
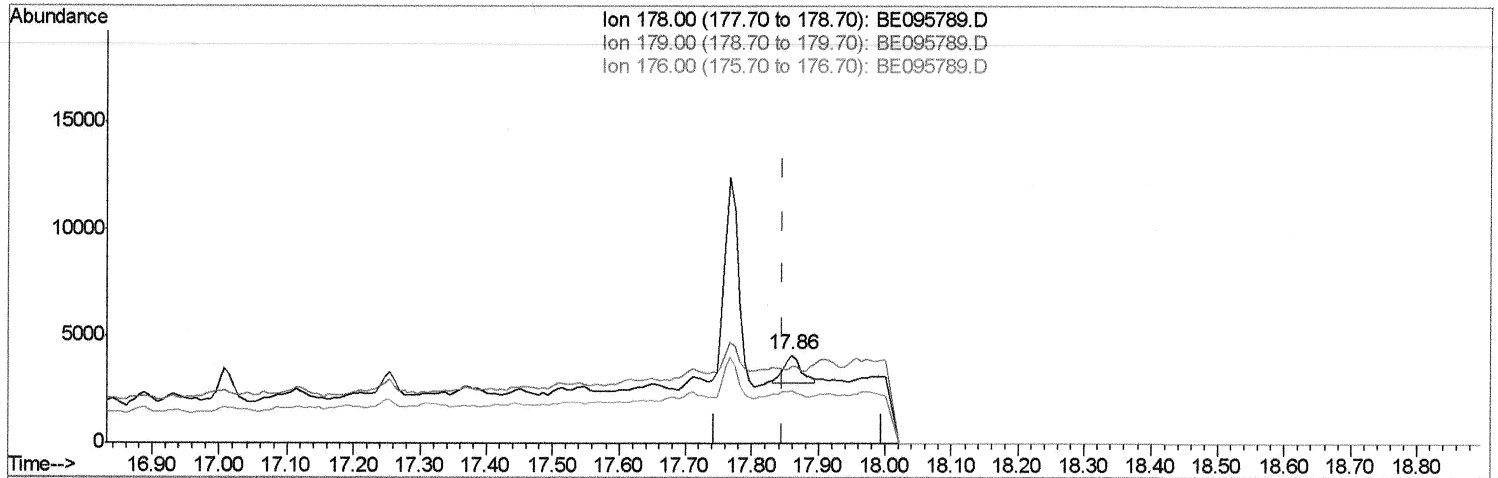
Instrument :

8.M Thu Mar 15 08:55:54 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(13) Anthracene

17.859min (+0.014) 0.09ng/ul > 52 3/16/18

response 2441

Ion Exp% Act%

178.00 100 100

3/15/2018 6:55:11 PM 87.25#

Sohil 59.98#

APPROVED

Manual Integrations 100

F6F49

ClientSampled :

BNA E

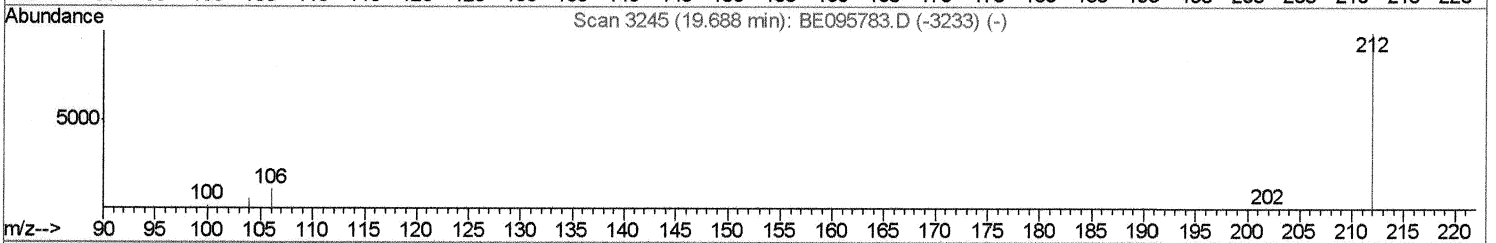
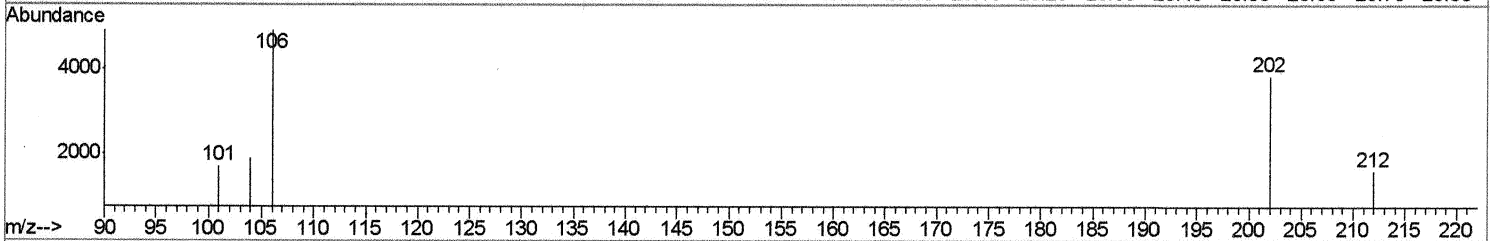
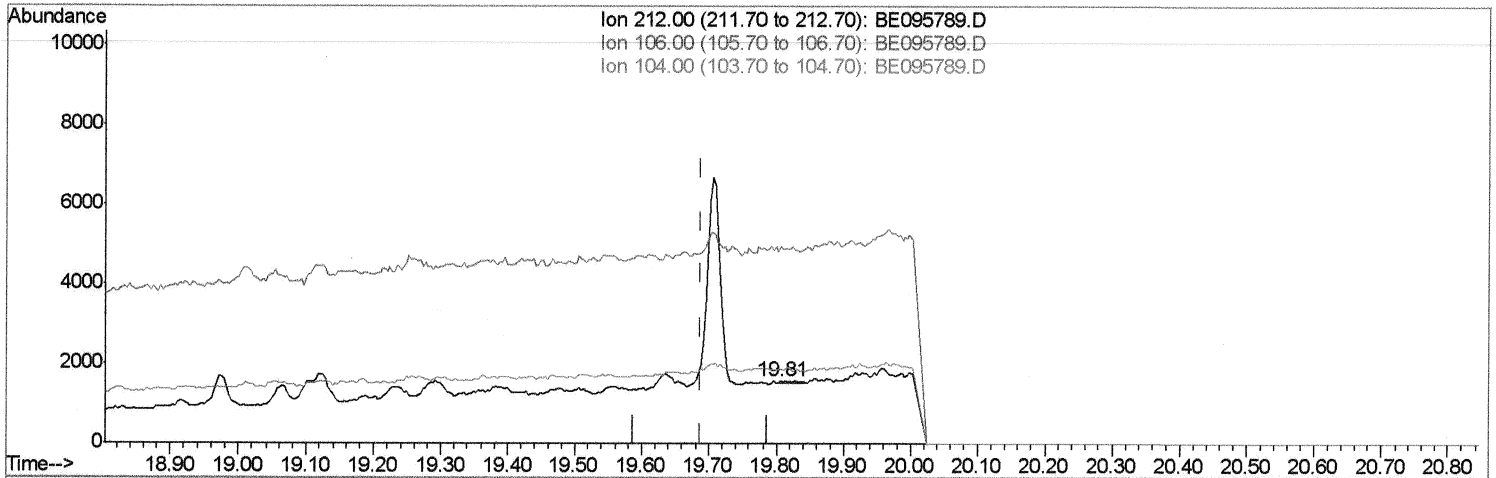
Instrument :

18.M Thu Mar 15 08:56:27 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(14) Fluoranthene-d10 (SURR)

19.805min (+0.117) 0.00ng/ul

response 119

Ion	Exp%	Act%
106	100	0.00
212	62.18	0.00

106 100

212 0.00

62.18

0.00

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

Client Sample :

BNA_E

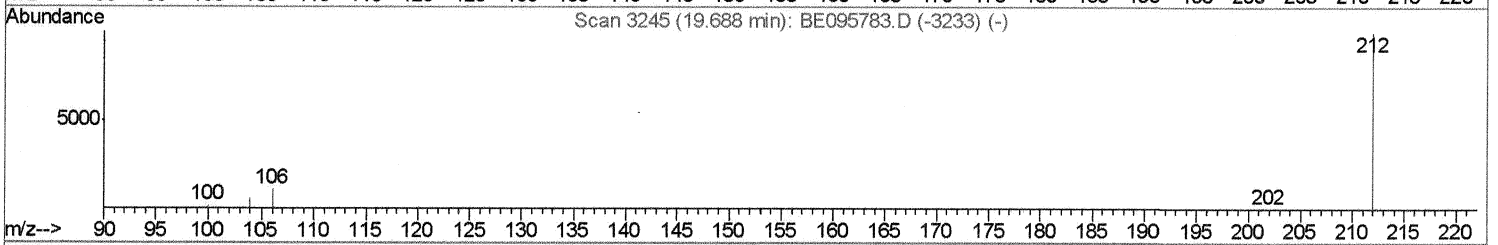
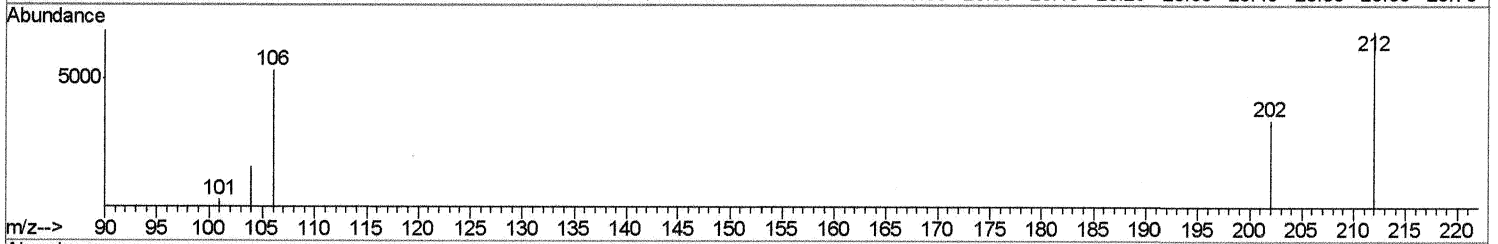
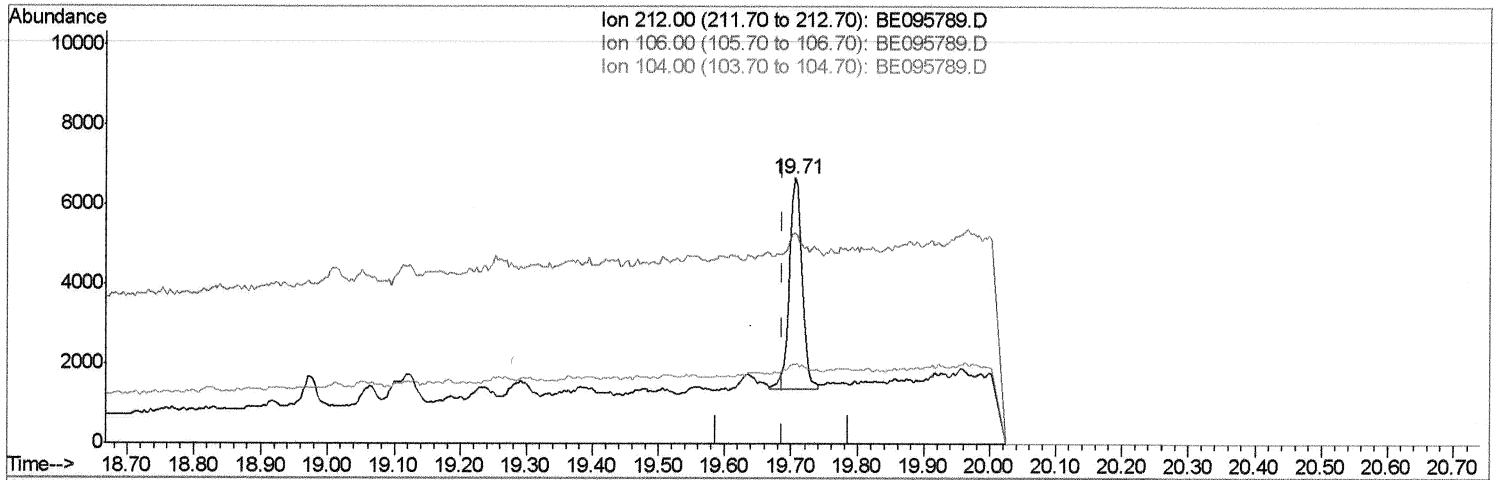
Instrument :

BE031418.M Thu Mar 15 08:56:31 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(14) Fluoranthene-d10 (SURR)

19.705min (+0.018) 0.25ng/ul m> SJ 3/16/18

response 7334

Ion	Exp%	Act%
212	100	100
106	0.00	0.00
101	1.01	1.01

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

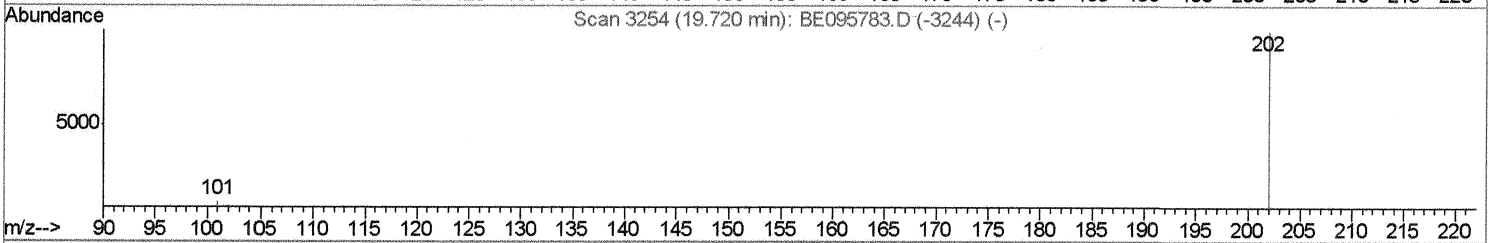
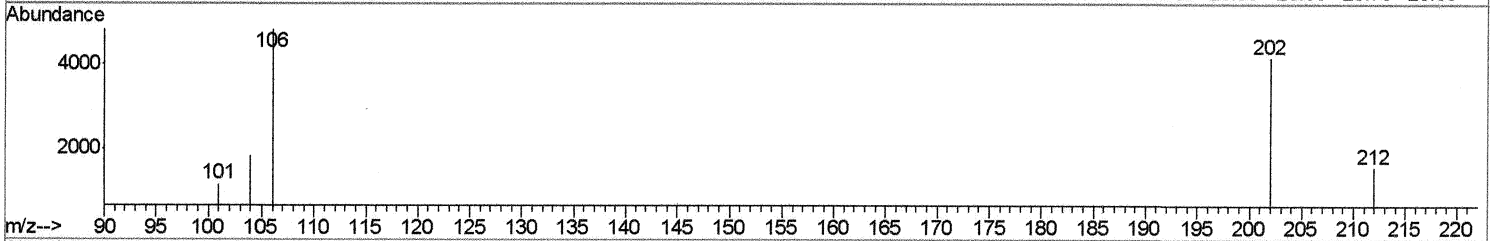
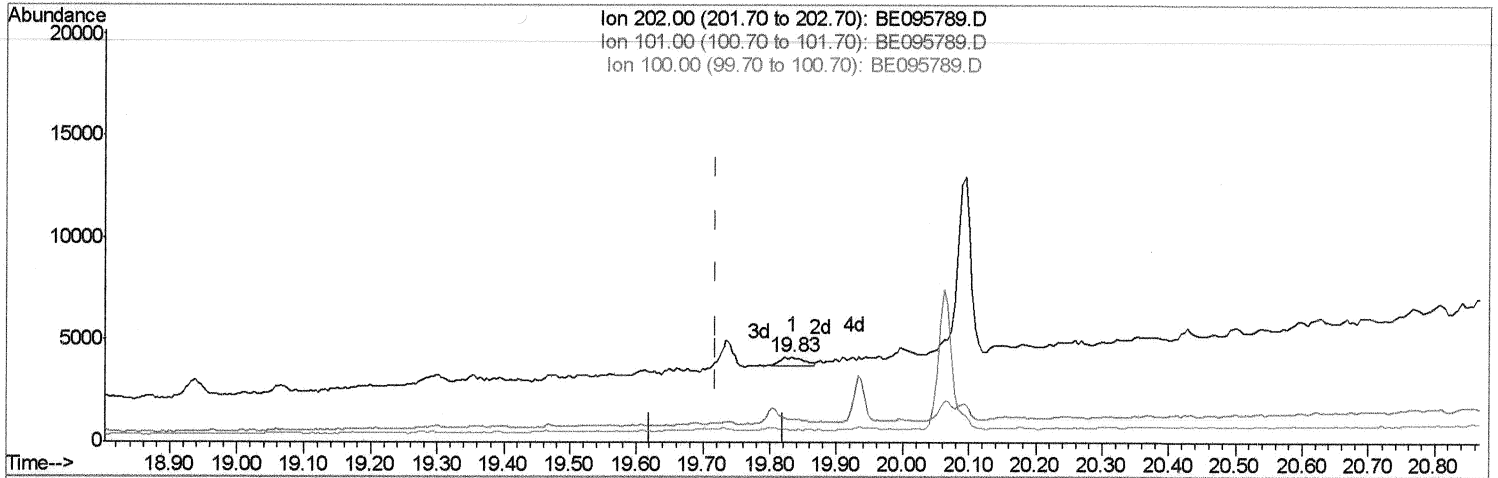
BNA E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(15) Fluoranthene (C)

19.834min (+0.114) 0.03ng/ul

response 967

Ion Exp% Act%

202.00 100 100

101.00 27.47

15.52

100.00

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

Client Sampled :

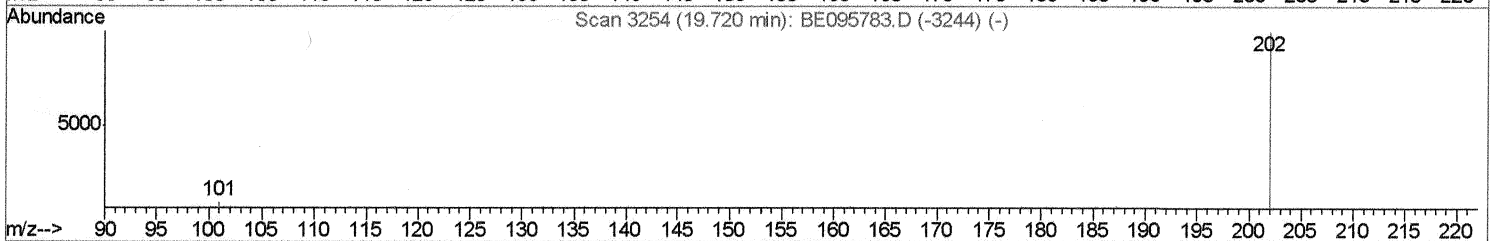
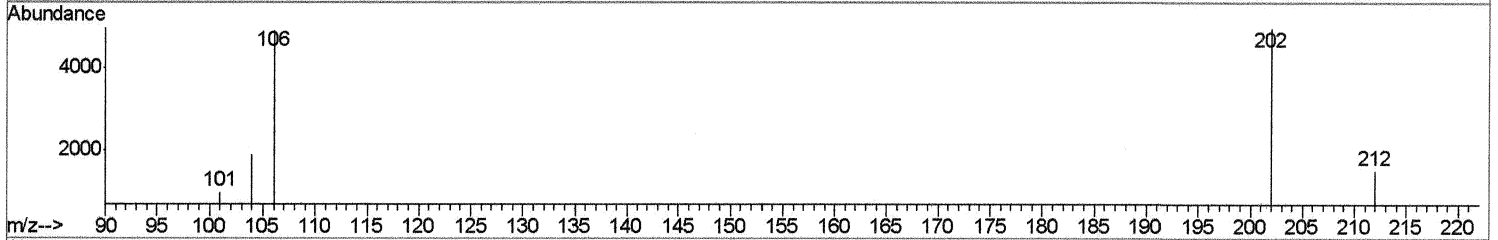
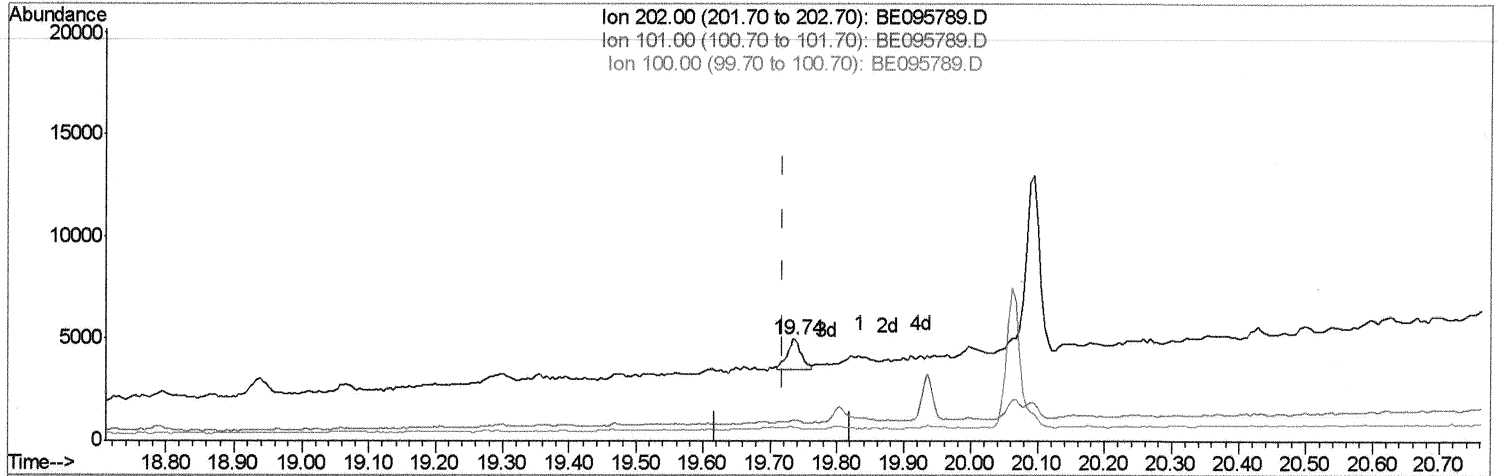
Instrument :

18.M Thu Mar 15 08:56:45 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(15) Fluoranthene (C)

19.737min (+0.018) 0.07ng/ul m> SJ 3/16/18

response 2281

Ion Exp% Act%

100

19.78

13.68

100

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

BNA_E

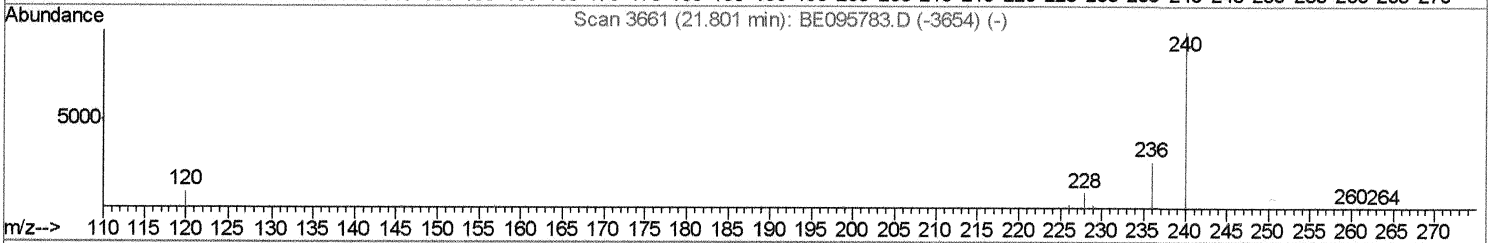
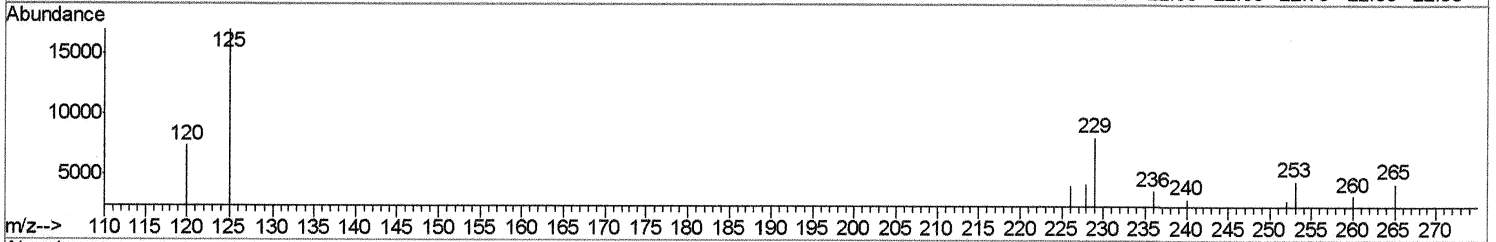
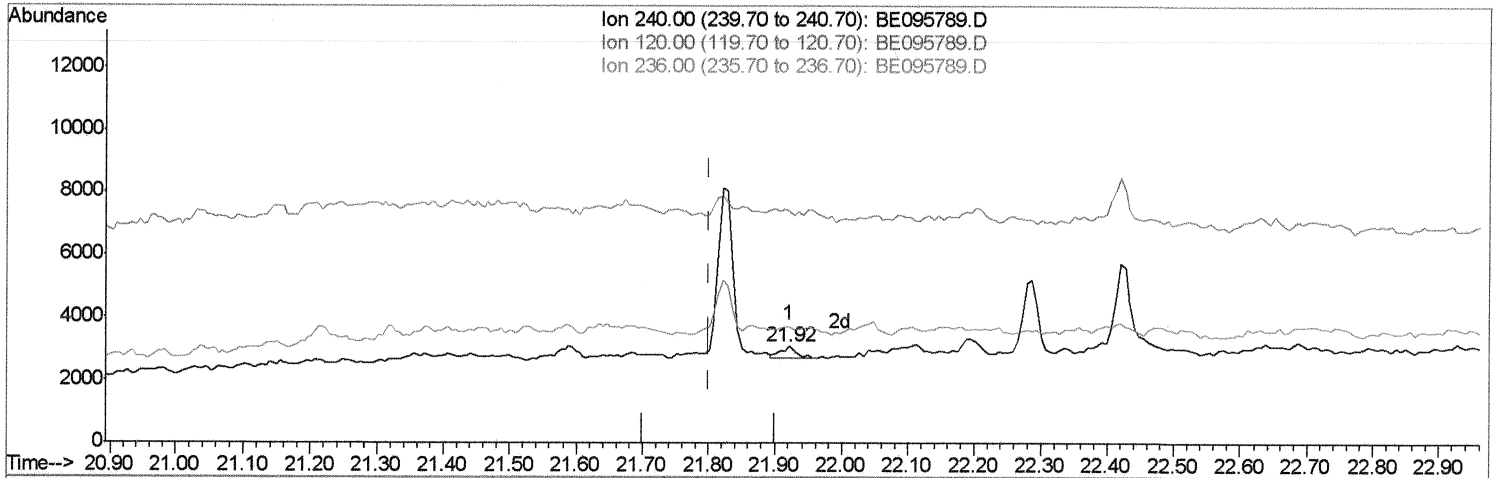
Instrument :

SOM-EPA-SIM-BE031318.M Thu Mar 15 08:56:55 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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: BE095789.D

(16) Chrysene-d12 (I)

21.920min (+0.120) 0.40ng/ul

response 589

Ion	Exp%	Act%
120	100	100
241.82	100	100
20.96	100	100

100

241.82

20.96

100

100

100

100

100

100

100

100

100

100

100

100

100

100

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

BNA_E

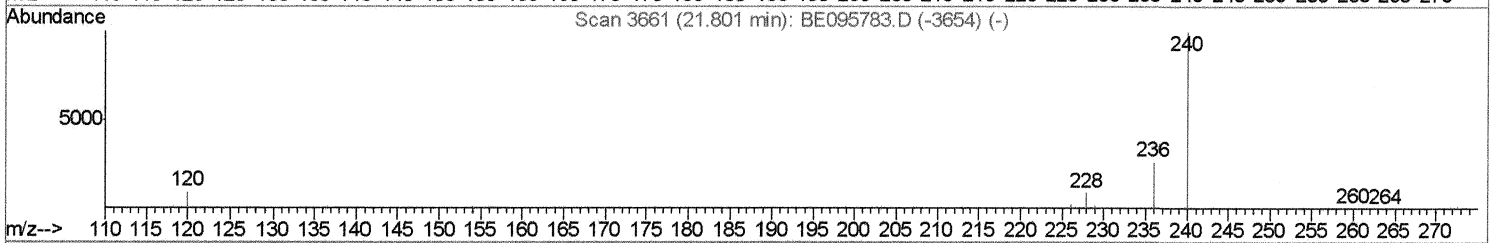
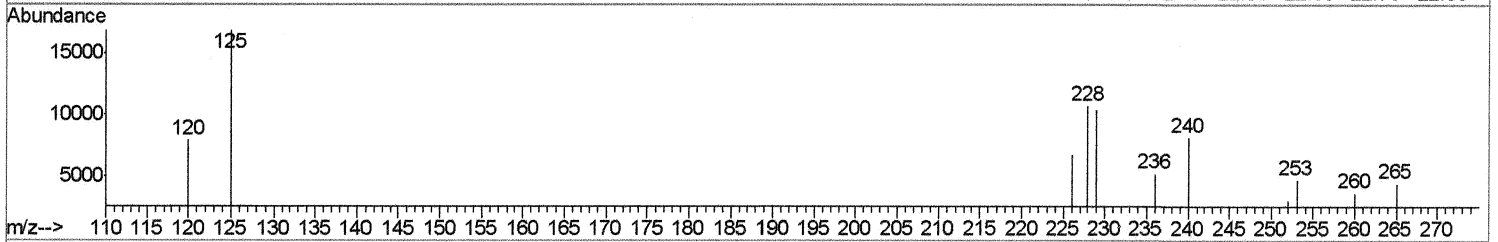
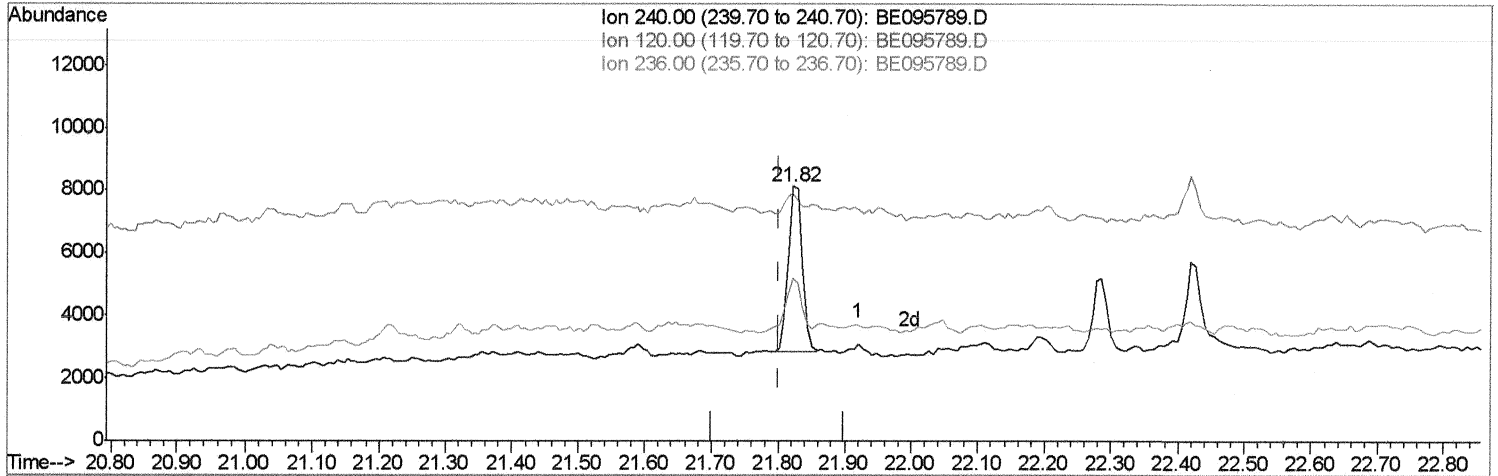
Instrument :

BE095789.D Thu Mar 15 08:57:00 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:55:22 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



(16) Chrysene-d12 (I)

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

response 7757

Ion Exp% Act%

Ion	Exp%	Act%
240	100	100
228	97.36	97.36
236	63.85	63.85

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

Client Sampled :

BNA E

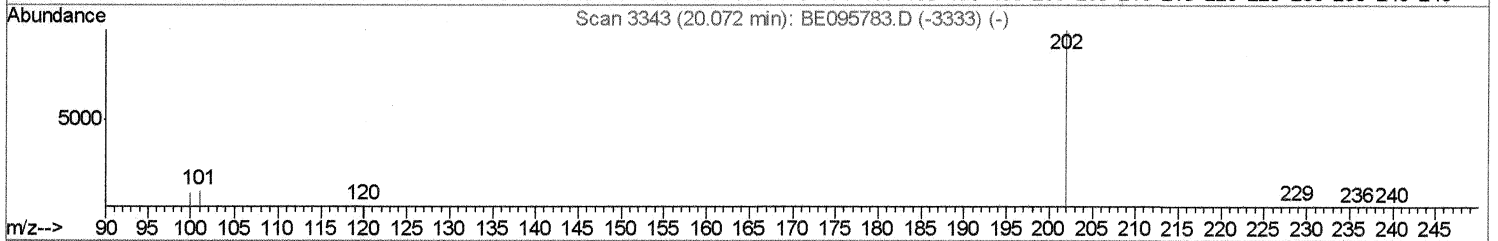
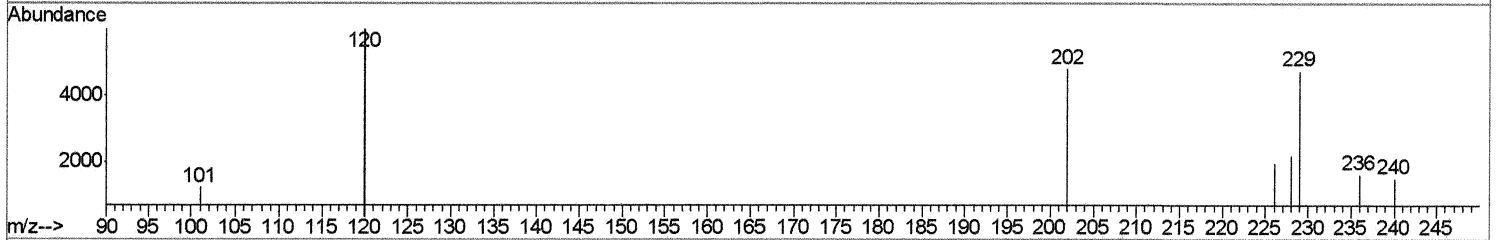
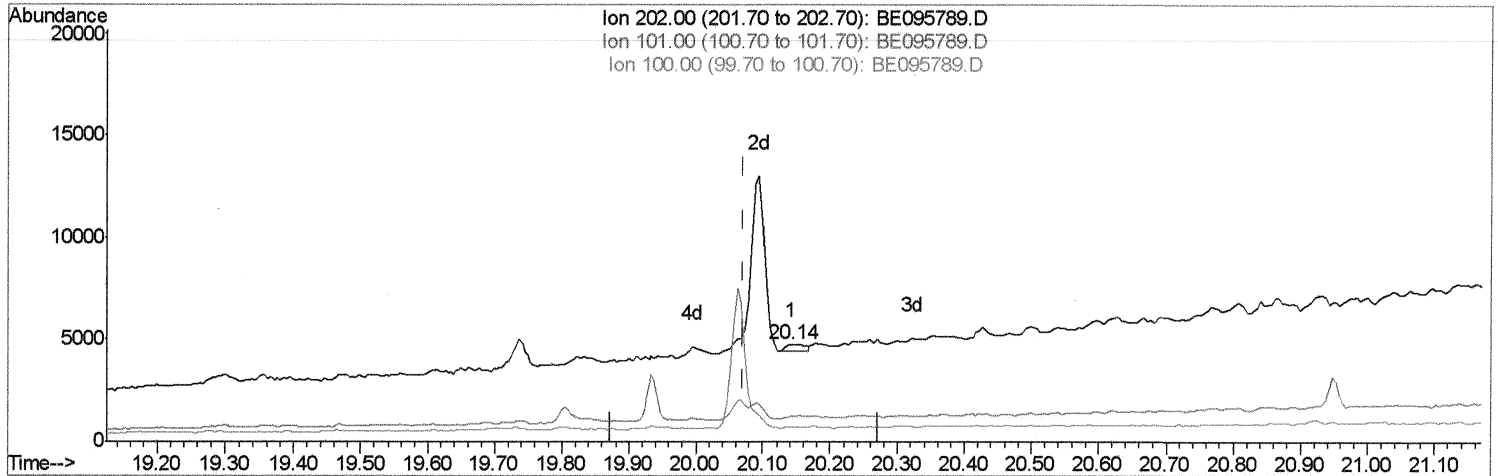
Instrument :

SOM-EPA-SIM-BE031318.M Thu Mar 15 08:57:17 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:57:18 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: BE095789.D

(17) Pyrene

20.141min (+0.069) 0.02ng/ul

response 606

Ion	Exp%	Act%
100		
26.14		
14.91#		
100		

3/15/2018 6:55:11 PM

Sohil

APPROVED

Manual Integrations

F6F49

ClientSampled :

BNA_E

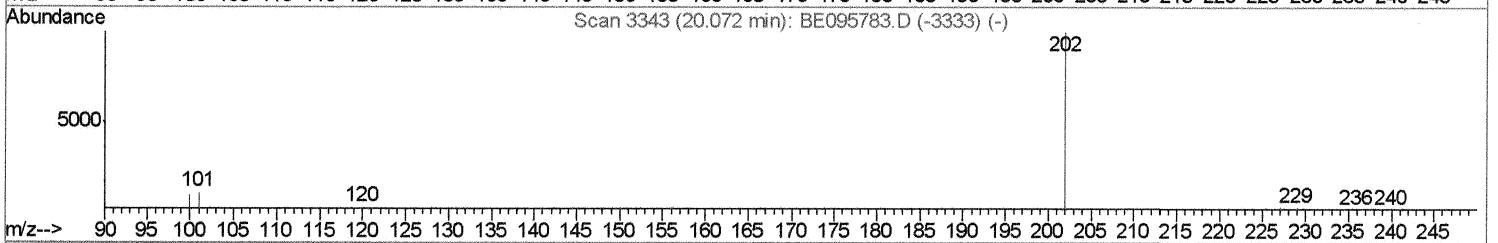
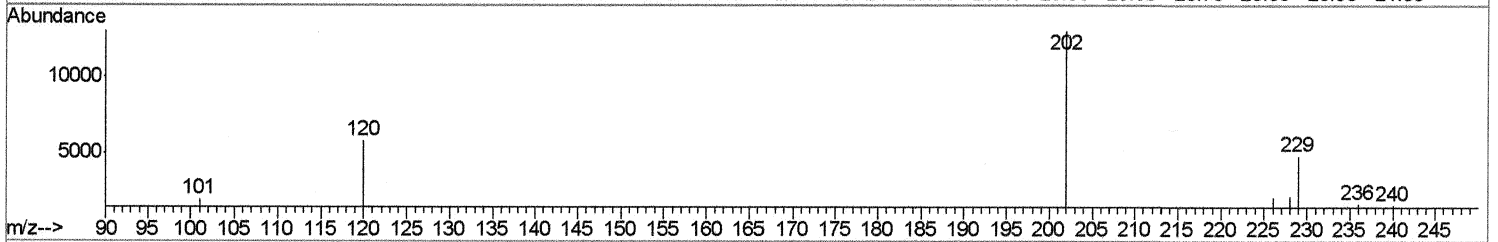
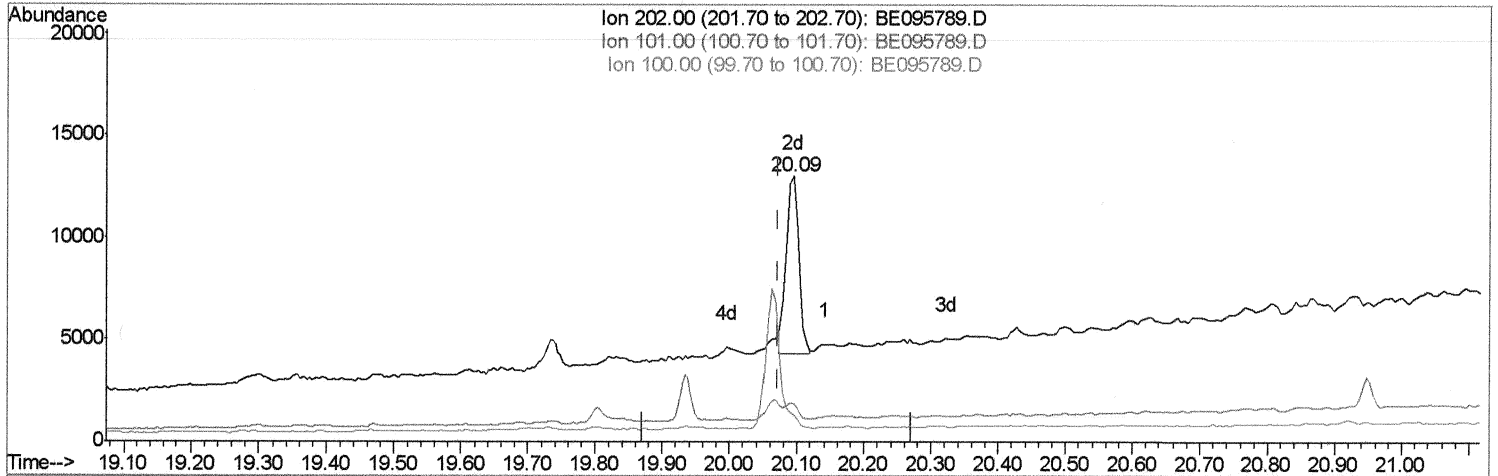
Instrument :

SOM-EPA-SIM-BE031318.M Thu Mar 15 08:57:32 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:57:18 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

20.093min (+0.021) 0.39ng/ul m > SJ 3/16/18

response 11582

Ion	Exp%	Act%
202	100	14.34#
101	100	10.60#

3/15/2018 6:55:11 PM

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Manual Integrations

F6F49

Client Sampled :

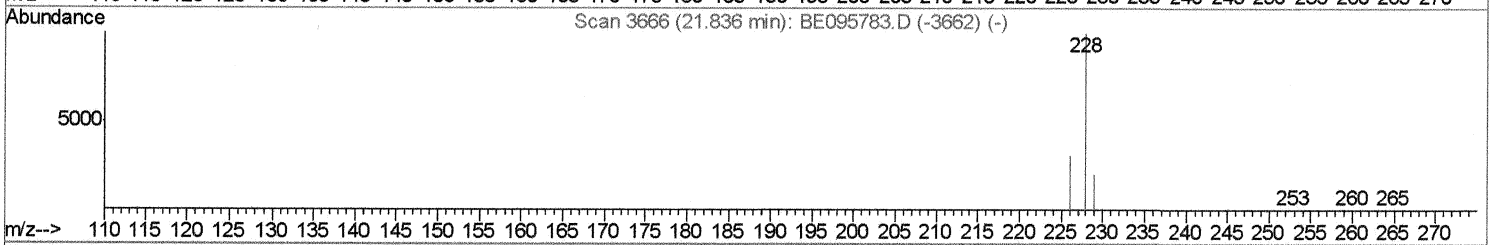
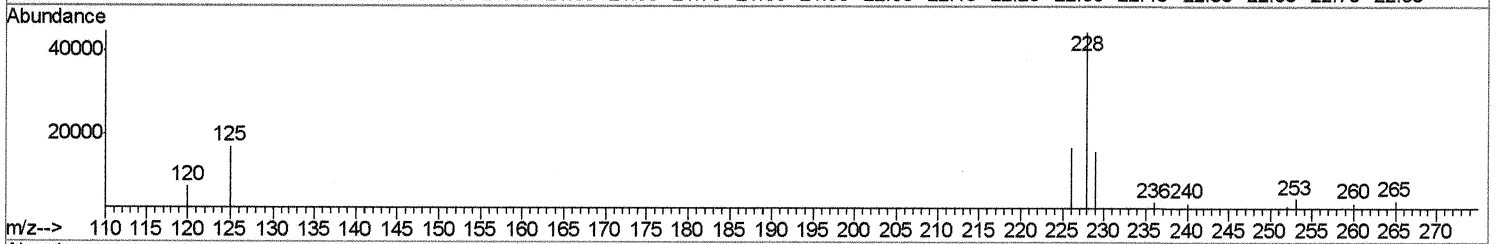
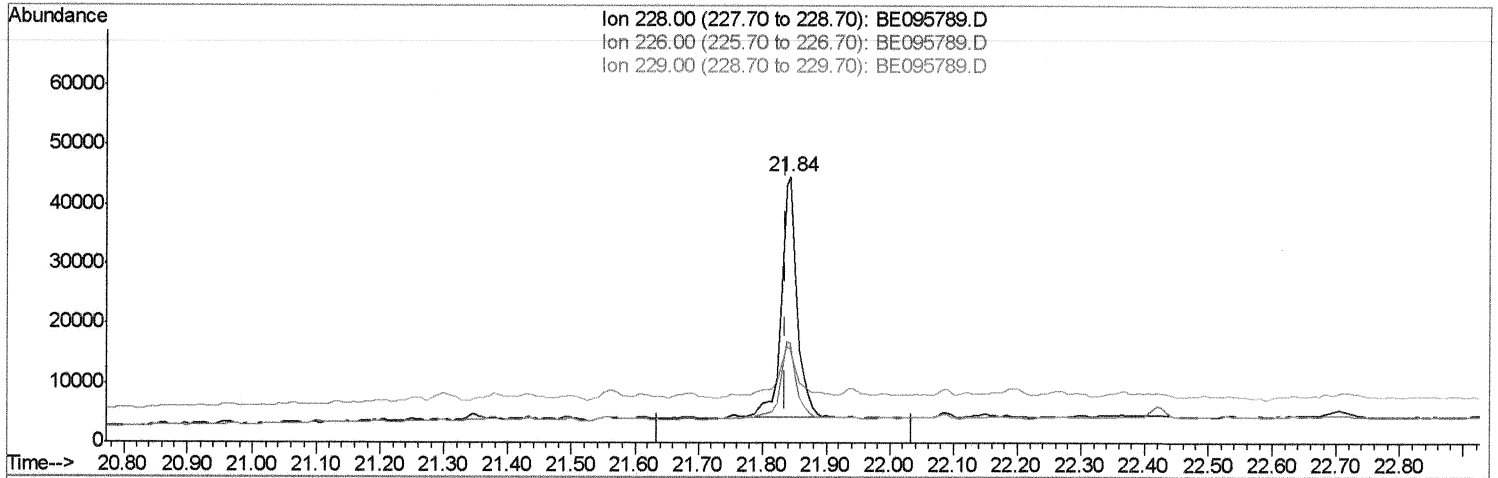
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:57:18 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: BE095789.D

(19) Chrysene

21.843min (+0.007) 2.73ng/ul

response 69462

Ion	Exp%	Act%
228	100	100
226	37.59	35.68
229	35.68	100

3/15/2018 6:55:11 PM

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Manual Integrations

F6F49

Client Sampled :

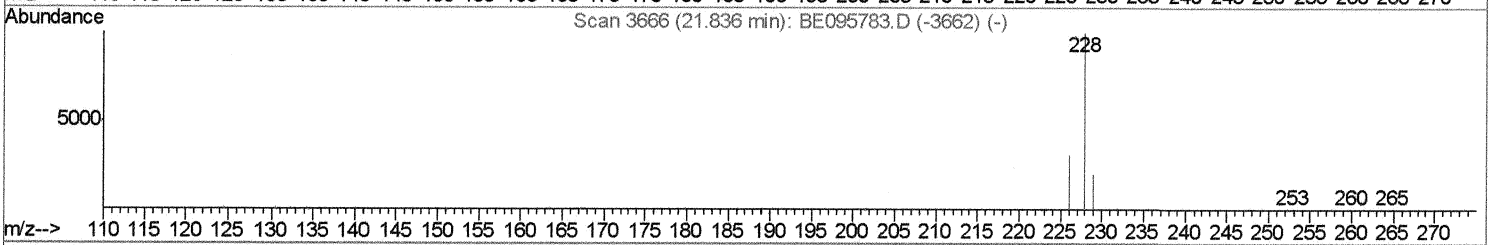
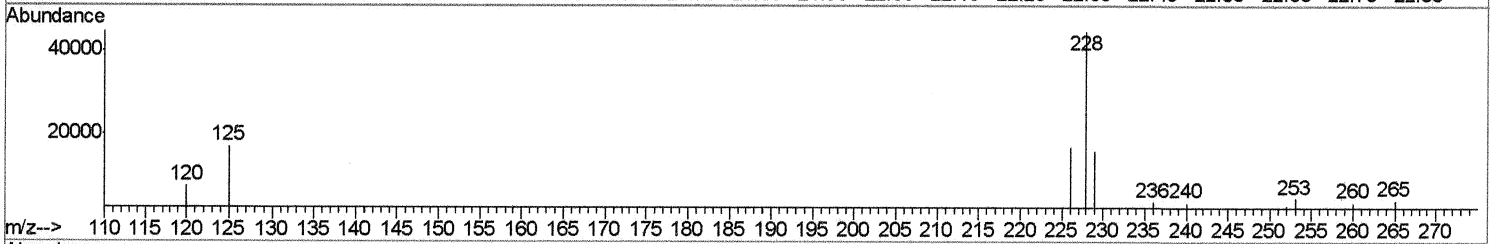
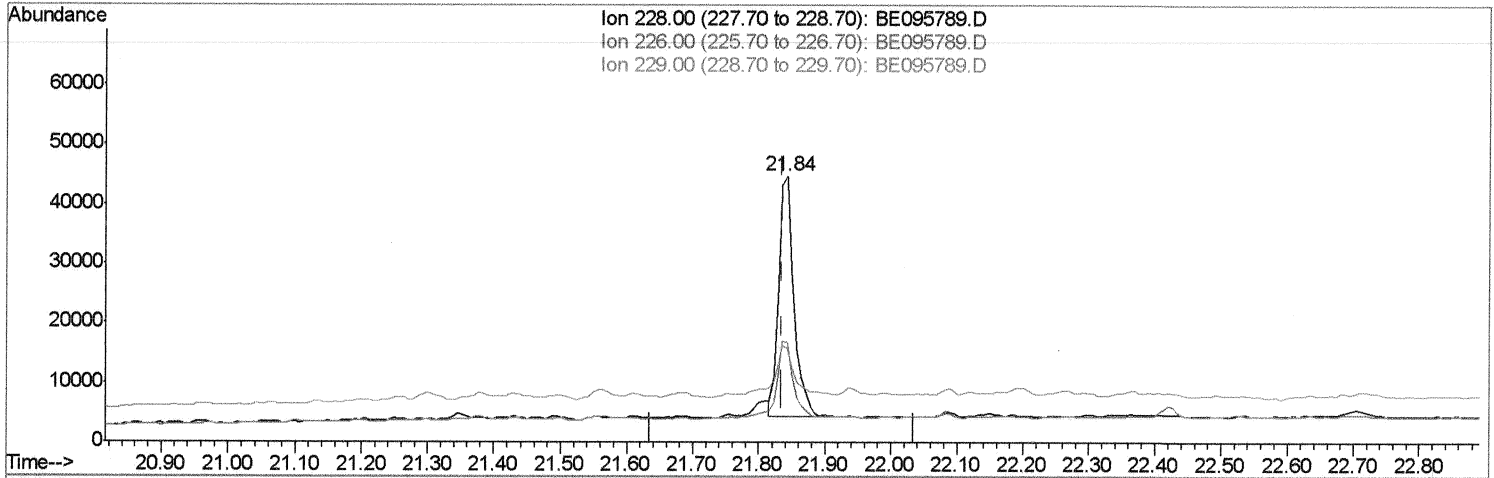
BNA E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:57:18 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: BE095789.D

(19) Chrysene

21.843min (+0.007) 2.56ng/ul m) SJ 3/16/18

response 65129

Ion Exp% Act%

Ion	Exp%	Act%
228.00	100	100
226.00	37.59	37.59
229.00	35.68	35.68

3/15/2018 6:55:11 PM

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APPROVED

Manual Integrations

F6F49

Client Sampled :

BNA E

Instrument :

BE031318.M Thu Mar 15 08:58:00 2018

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095789.D
 Acq On : 15 Mar 2018 6:08
 Operator : SJ/JU
 Sample : J1835-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 15 08:58:21 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)
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1) 1,4-Dichlorobenzene-d4	8.44	152	2451	0.40	ng/ul	0.01
2) Naphthalene-d8	11.26	136	7353	0.40	ng/ul	0.01
6) Acenaphthene-d10	15.02	164	4549	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.73	188	9179m	0.40	ng/ul	0.01
16) Chrysene-d12	21.82	240	7757m	0.40	ng/ul	0.02
20) Perylene-d12	24.49	264	9231	0.40	ng/ul	0.06

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.81	152	3164	0.25	ng/ul	0.01
14) Fluoranthene-d10	19.71	212	7334m	0.25	ng/ul	0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	4863	0.237	ng/ul#	90
5) 2-Methylnaphthalene	12.89	142	6514	0.457	ng/ul	100
12) Phenanthrene	17.77	178	15234m	0.554	ng/ul	
13) Anthracene	17.86	178	2441m	0.095	ng/ul	
15) Fluoranthene	19.74	202	2281m	0.069	ng/ul	
17) Pyrene	20.09	202	11582m	0.393	ng/ul	
19) Chrysene	21.84	228	65129m	2.556	ng/ul	

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

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Manual Integrations

F6F49

Client Sampled :

BNA_E

Instrument :

Thu Mar 15 08:58:22 2018