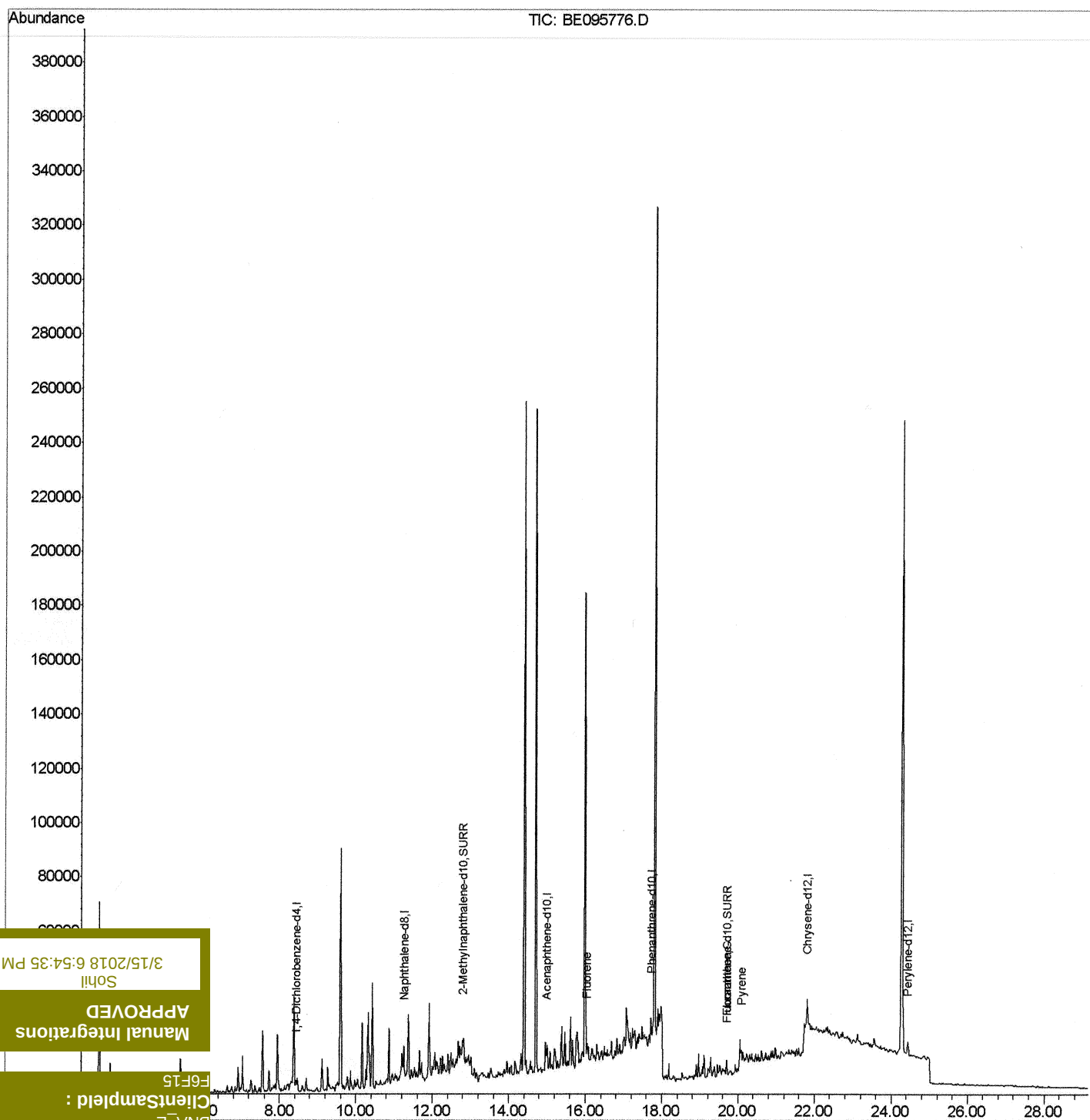


Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095776.D
Acq On : 14 Mar 2018 22:22
Operator : SJ/JU
Sample : J1835-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:48:09 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 03:09:28 2018
Response via : Initial Calibration



3/15/2018 6:54:35 PM

SOH

Manual Integrations
APPROVED

Instrument :
Client Sample :
BNA_E
F6F15

```
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\  
Data File : BE095776.D  
Acq On    : 14 Mar 2018   22:22  
Operator  : SJ/JU  
Sample    : J1835-16  
Misc      :  
ALS Vial  : 21      Sample Multiplier: 1
```

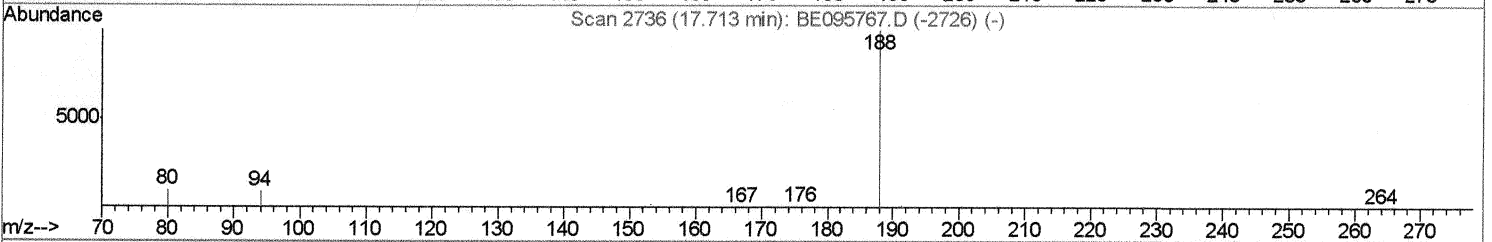
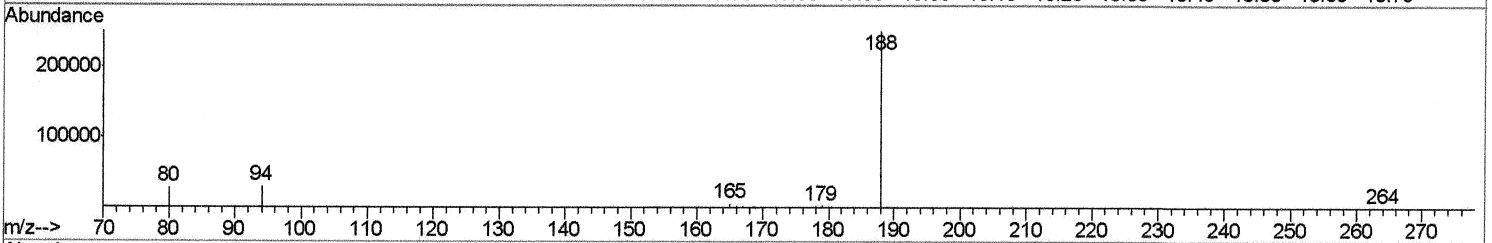
Abundance

Ion 188.00 (187.70 to 188.70): BE095776.D
Ion 94.00 (93.70 to 94.70): BE095776.D
Ion 80.00 (79.70 to 80.70): BE095776.D

350000
300000
250000
200000
150000
100000
50000
0

17.81

Time--> 16.80 16.90 17.00 17.10 17.20 17.30 17.40 17.50 17.60 17.70 17.80 17.90 18.00 18.10 18.20 18.30 18.40 18.50 18.60 18.70



(10) Phenanthrene-d10 (I)
17.810min (+0.098) 0.40ng/ul
response 355518

Ion	Exp%	Act%
188.00	100	100

1.86	Sohil	3/15/2018 6:54:35 PM
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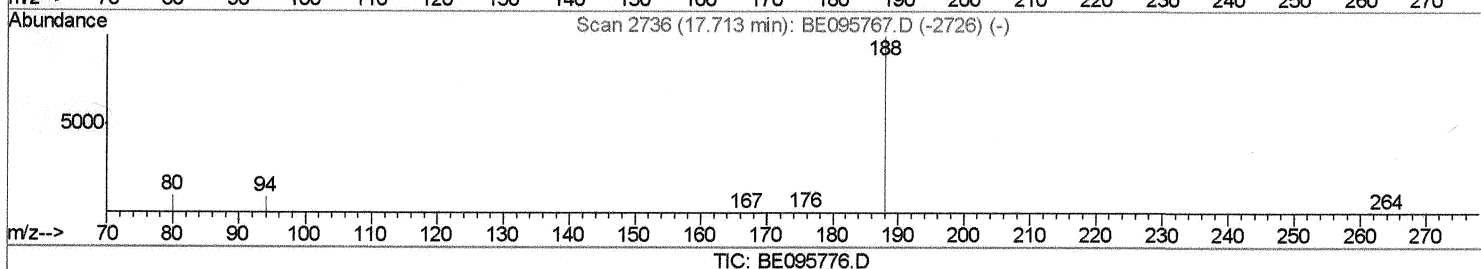
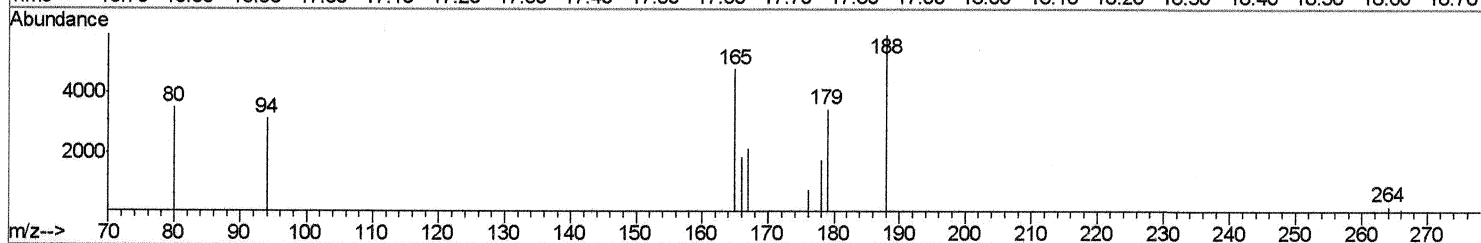
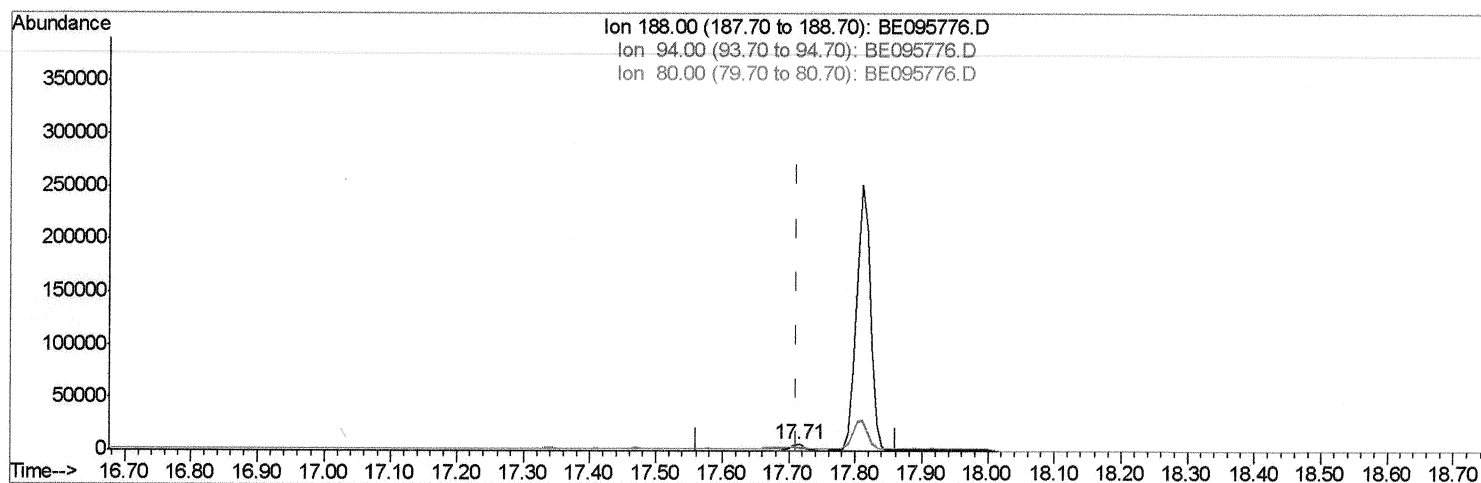
Manual Integrations APPROVED

Instrument : BNA_E
ClientSampleId : F6F15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 03:11:05 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 03:09:28 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.712min (-0.001) 0.40ng/ul m > SJ 3/16/18

response 9454

Ion	Exp%	Act%
188.00	100	100

3/15/2018 6:54:35 PM #2.99#

Sohil

APPROVED #9.19#

Manual Integrations 00

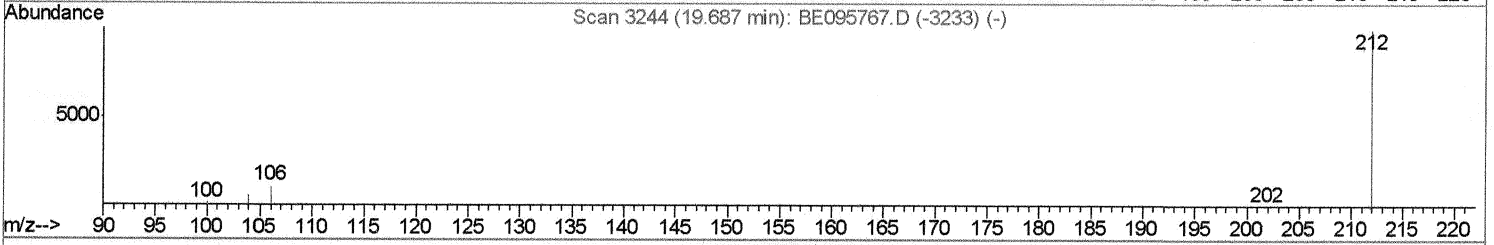
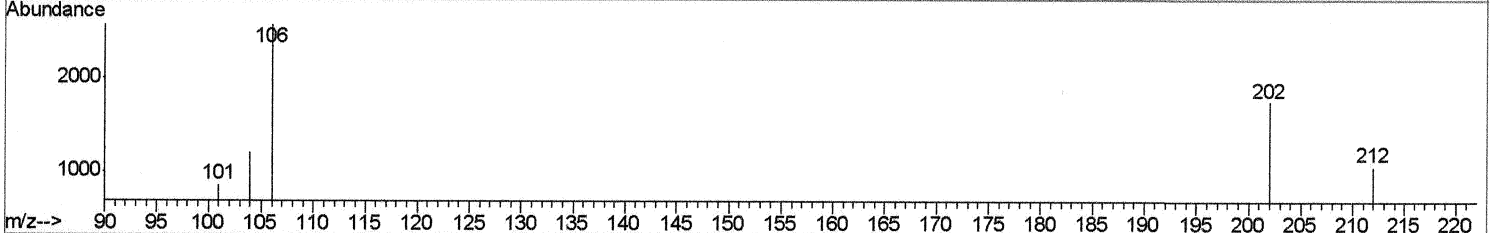
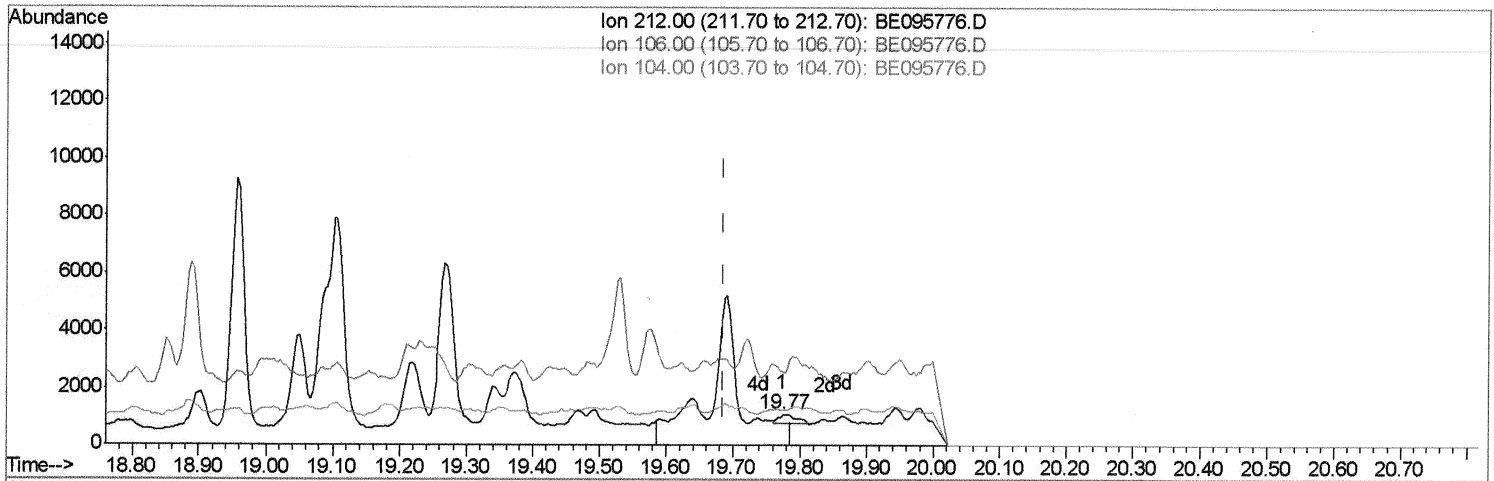
Instrument : BNA_E
 ClientSampled : F6F15

8.M Thu Mar 15 04:45:09 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:43:57 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 03:09:28 2018
 Response via : Initial Calibration



TIC: BE095776.D

(14) Fluoranthene-d10 (SURR)

19.774min (+0.086) 0.02ng/ul

response 648

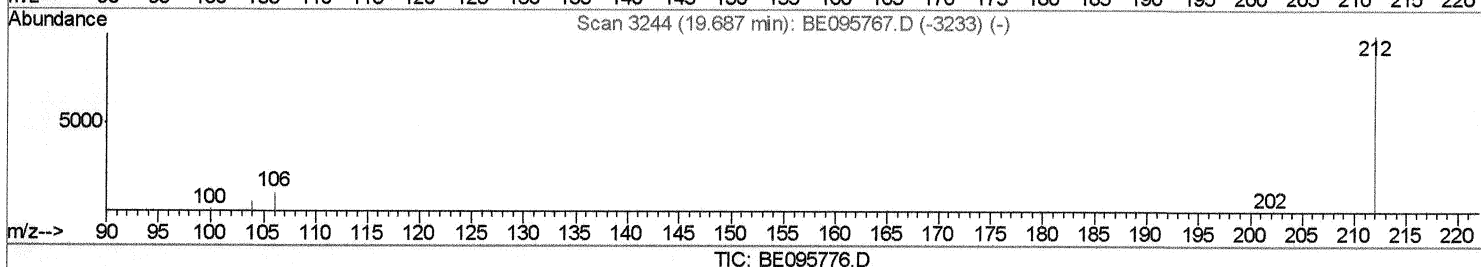
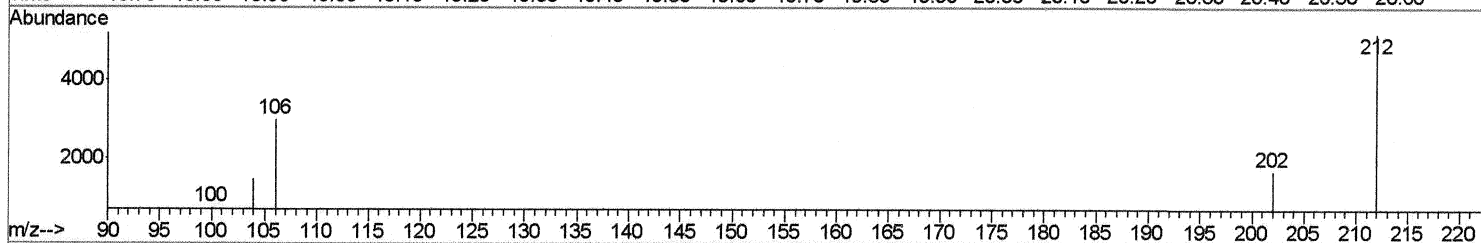
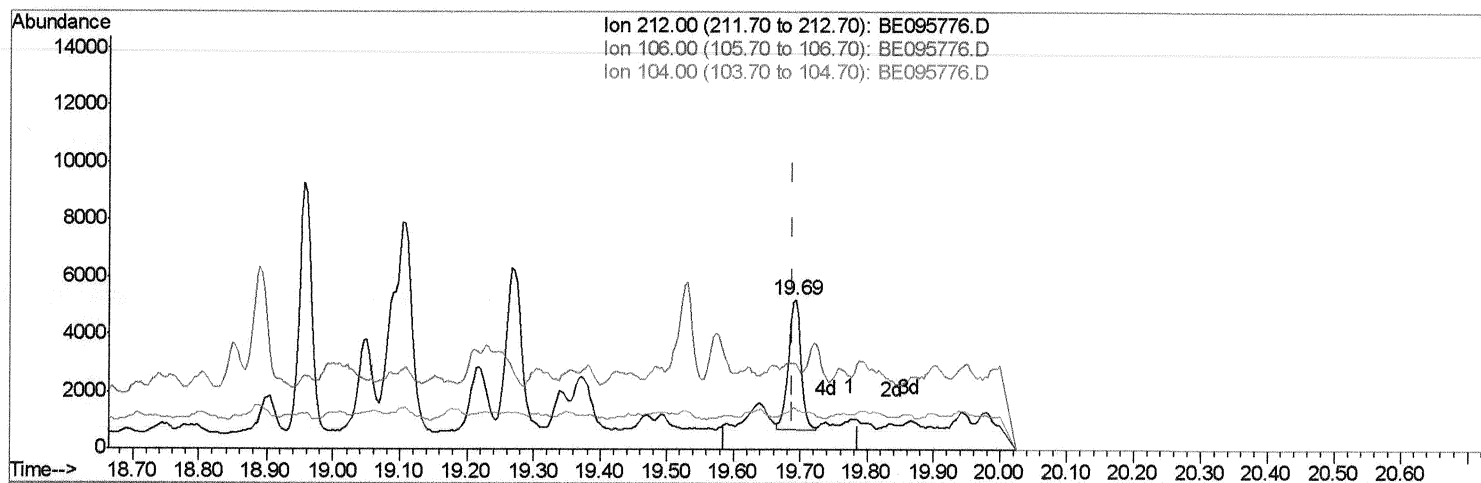
Ion	Exp%	Act%
212.00	100	100
106.00	100	36.42#
104.00	100	37.96#

8.M Thu Mar 15 04:46:26 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:43:57 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 03:09:28 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.692min (+0.004) 0.21ng/ul m> SJ 3/16/18

response 6264

Ion	Exp%	Act%
212.00	100	100

3/15/2018 6:54:35 PM

Sohil

APPROVED

Manual Integrations

Client Sampled : F6F15

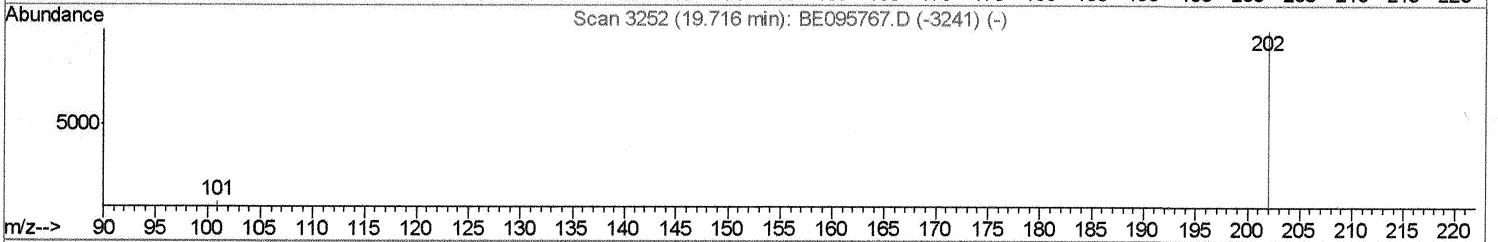
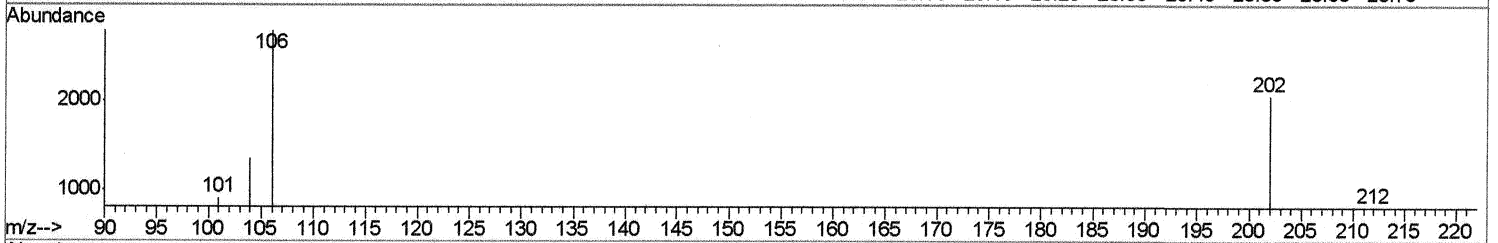
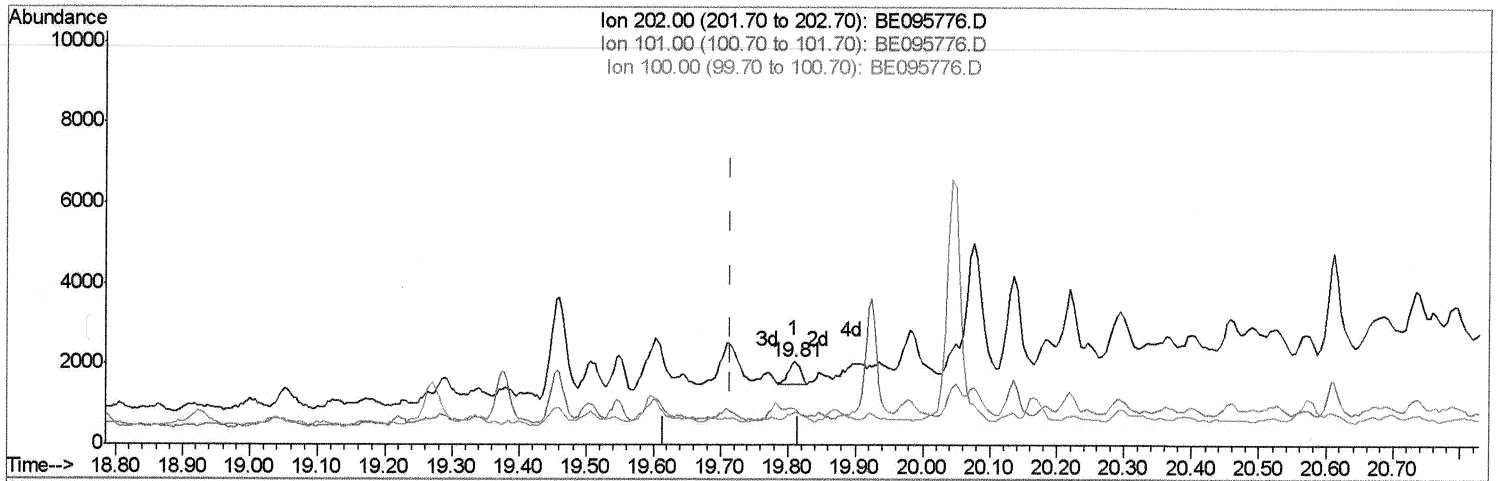
BNA_E

Instrument : 8.M Thu Mar 15 04:46:37 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:45:27 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 03:09:28 2018
 Response via : Initial Calibration



TIC: BE095776.D

(15) Fluoranthene (C)
 19.809min (+0.093) 0.02ng/ul
 response 654

Ion	Exp%	Act%
202.00	100	100

3/15/2018 6:54:35 PM 44.22#

Sohil

39.50#

APPROVED
 Manual Integrations

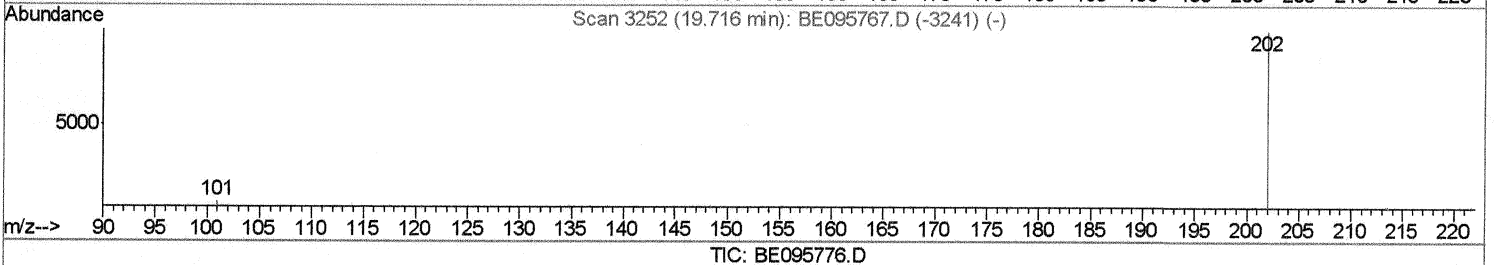
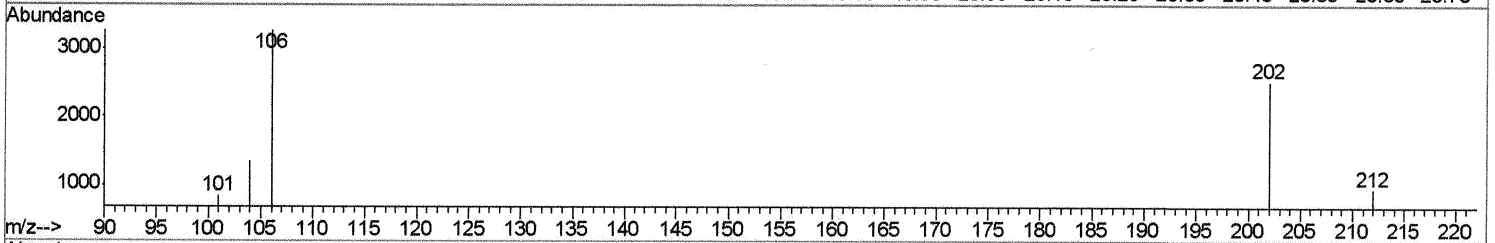
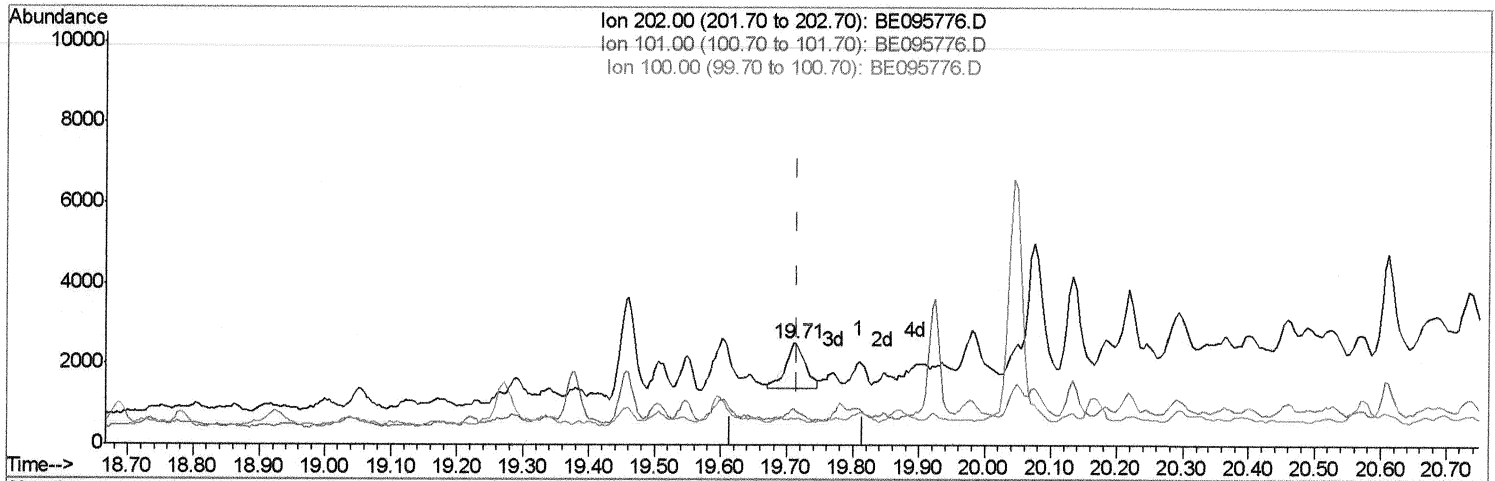
Instrument :
 BNA_E
 ClientSampleId :
 F6F15

8.M Thu Mar 15 04:46:57 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:45:27 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 03:09:28 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.713min (-0.003) 0.07ng/ul m } SJ 3/16/18

response 2307

Ion Exp% Act%

202.00 100 100

3/15/2018 6:54:35 PM 32.94#

Sohil

APPROVED

Manual Integrations 26.69

FF15

ClientSampled :

BNA_E

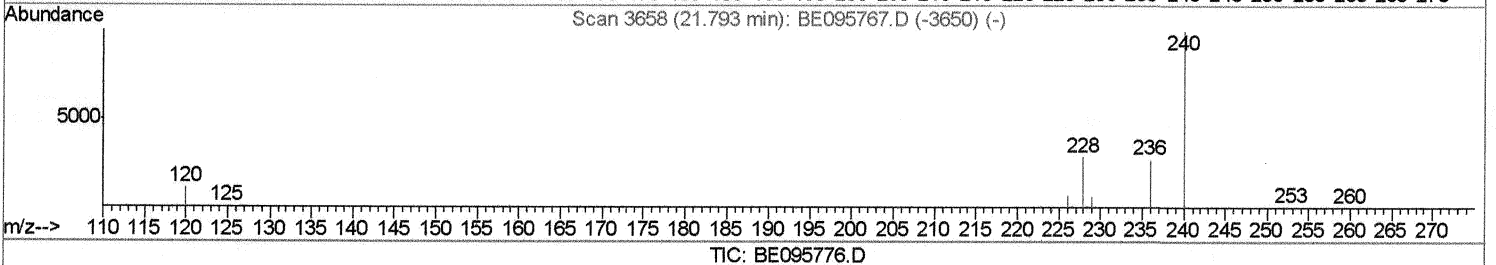
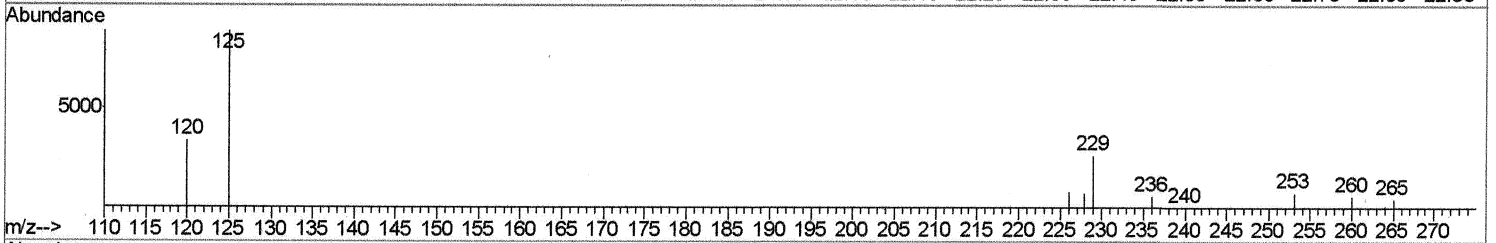
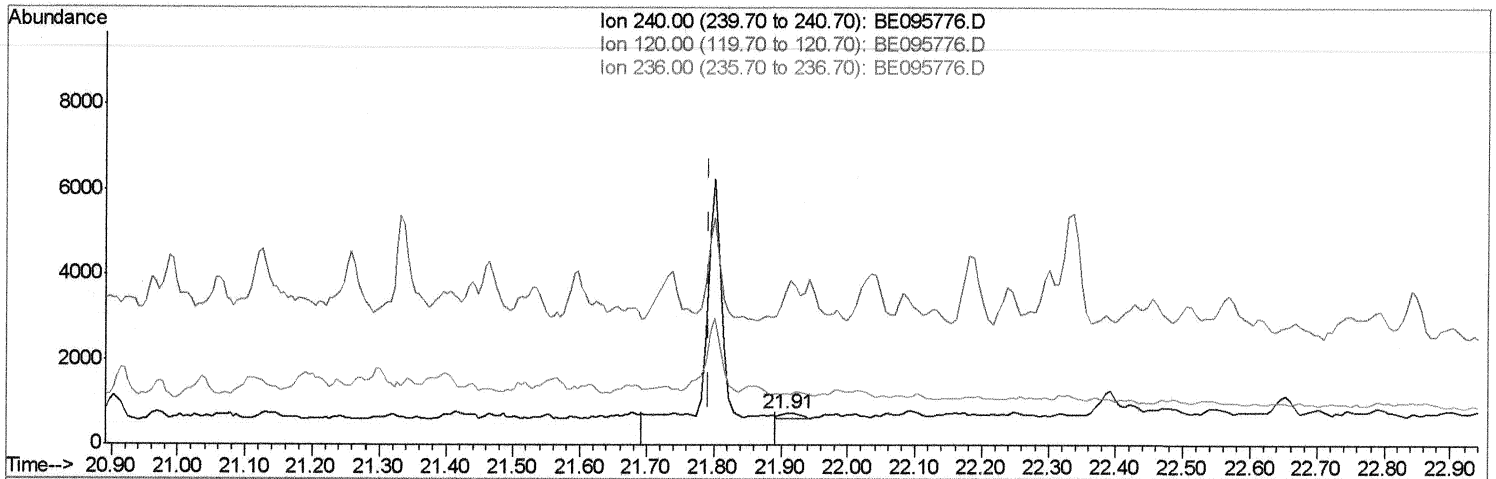
Instrument :

3.M Thu Mar 15 04:47:05 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:45:27 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 03:09:28 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)
 21.907min (+0.114) 0.40ng/ul
 response 221

Ion	Exp%	Act%
240.00	100	100

3/15/2018 6:54:35 PM
 Sohll
 APPROVED
 Manual Integrations
 64.71#
 91.01#
 100

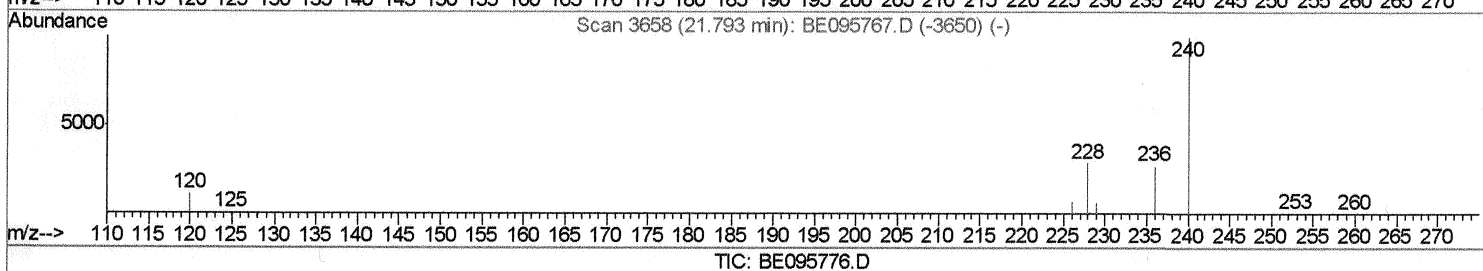
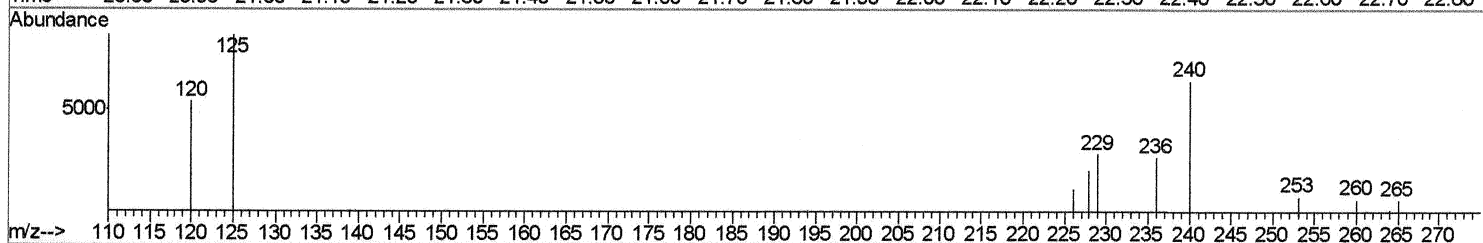
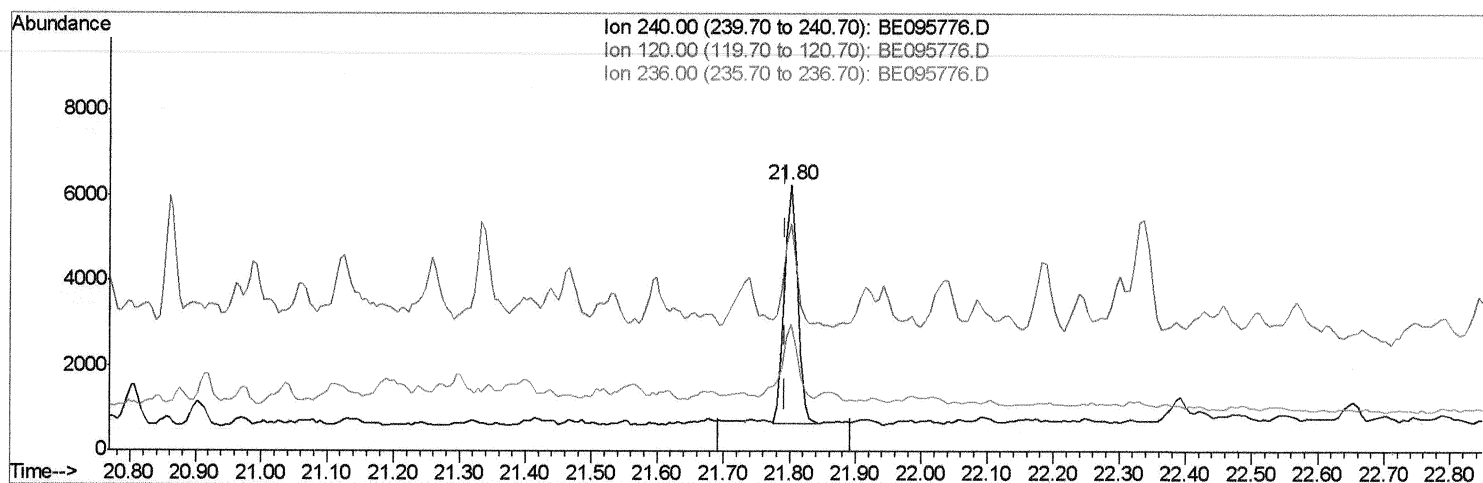
Instrument :
 BNA_E
 ClientSampled :
 F6F15

8.M Thu Mar 15 04:47:09 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:45:27 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 03:09:28 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.801min (+0.008) 0.40ng/ul m > SJ 3/16/18

response 7692

Ion Exp% Act%

240.00 100 100

3/15/2018 6:54:35 PM 85.65%

Sohl

APPROVED 47.60%

Manual Integrations 100.00

ClientSampleId : F6F15

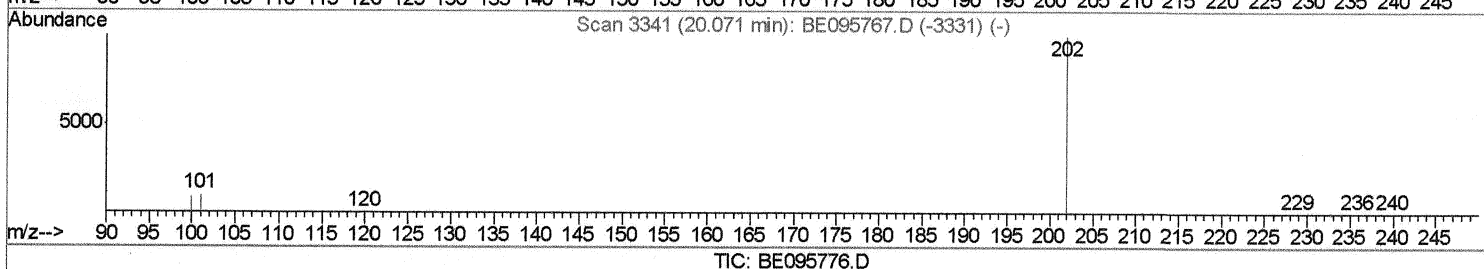
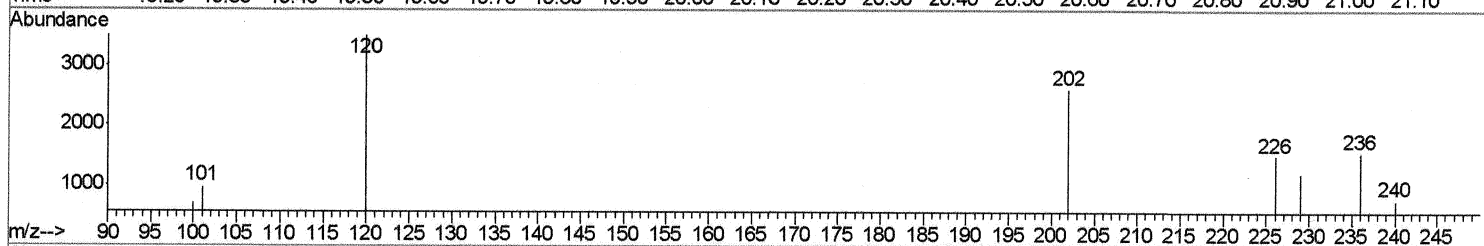
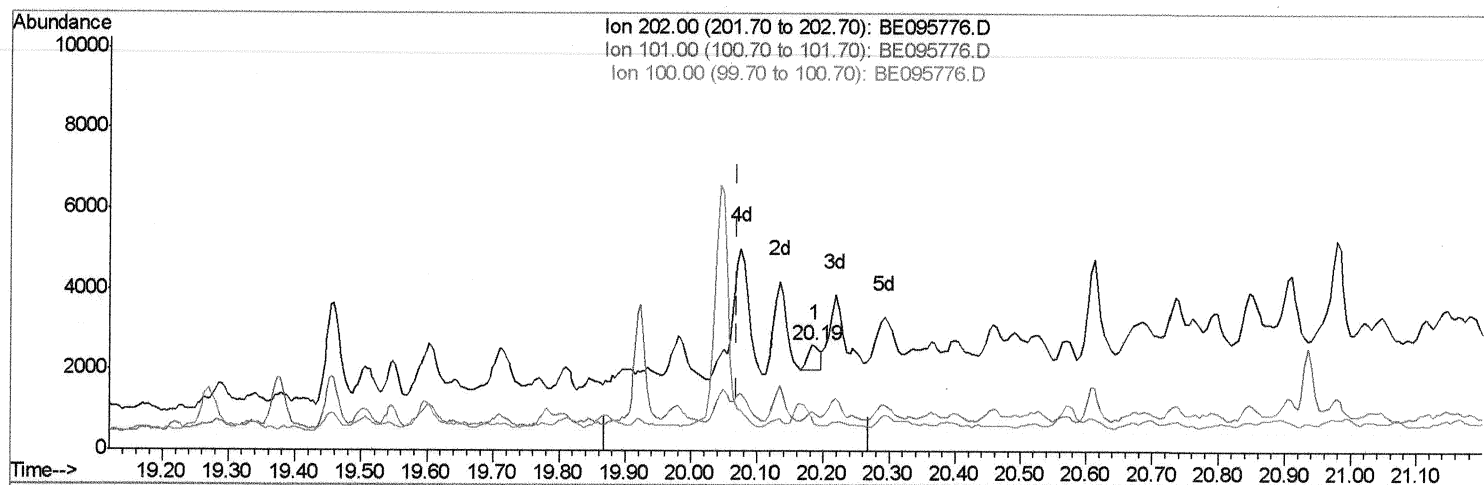
BNA E

Instrument : 8.M Thu Mar 15 04:47:22 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:46:12 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 03:09:28 2018
 Response via : Initial Calibration



(17) Pyrene

20.187min (+0.116) 0.03ng/ul

response 846

Ion	Exp%	Act%
202.00	100	100
101.00	100	37.14
120.00	100	26.95

Client Sampled : F6F15

BNA_E

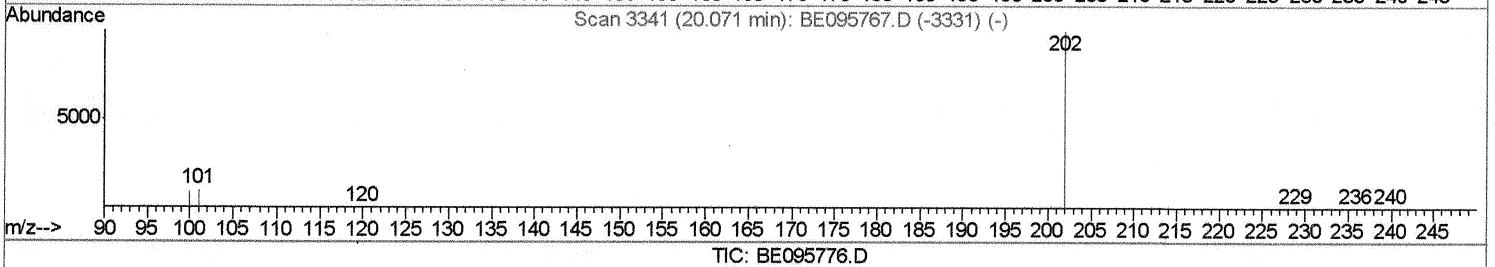
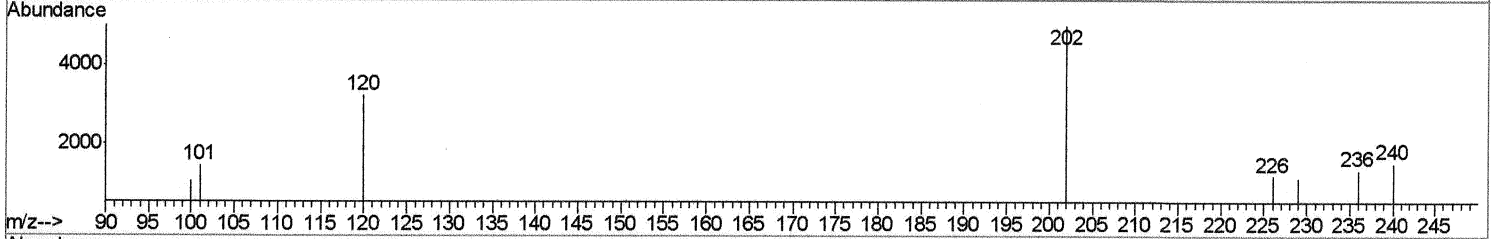
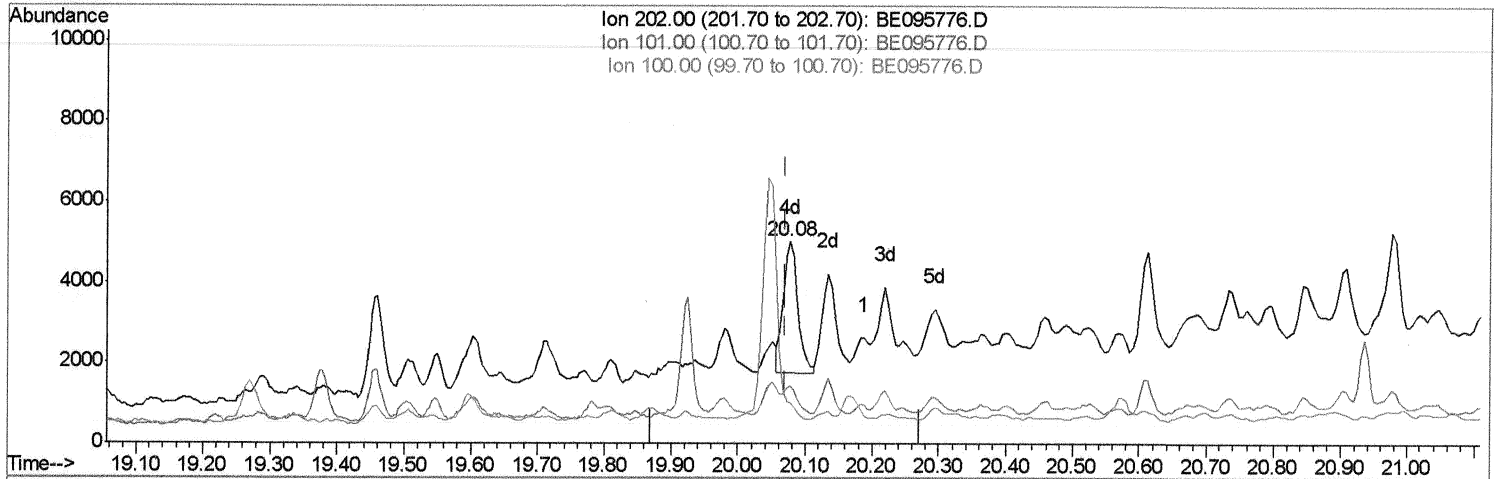
Instrument :

3.M Thu Mar 15 04:47:41 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:46:12 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 03:09:28 2018
 Response via : Initial Calibration



(17) Pyrene

20.076min (+0.005) 0.18ng/ul m > SJ 3/16/18

response 5114

Ion	Exp%	Act%
202.00	100	100

#66 3/15/2018 6:54:35 PM 28.59%

Sohil 20.46

APPROVED 00

Manual Integrations

Client Sampled :
 BNA_E
 Instrument :
 F6F15

8.M Thu Mar 15 04:47:56 2018

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095776.D
 Acq On : 14 Mar 2018 22:22
 Operator : SJ/JU
 Sample : J1835-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 15 04:48:09 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 03:09:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2365	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	6985	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	5226	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9454m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7692m	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	9157	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	4106	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6264m	0.21	ng/ul	0.00
Target Compounds						
9) Fluorene	16.04	166	5296	0.246	ng/ul#	52
15) Fluoranthene	19.71	202	2307m	0.067	ng/ul	
17) Pvrene	20.08	202	5114m	0.175	ng/ul	

SD 3/16/18

SD 3/16/18

SD 3/16/18

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

3/15/2018 6:54:35 PM

Sohil

Manual Integrations
APPROVEDInstrument :
BNA_E
Client Sampled :
F6F15

M Thu Mar 15 04:49:35 2018