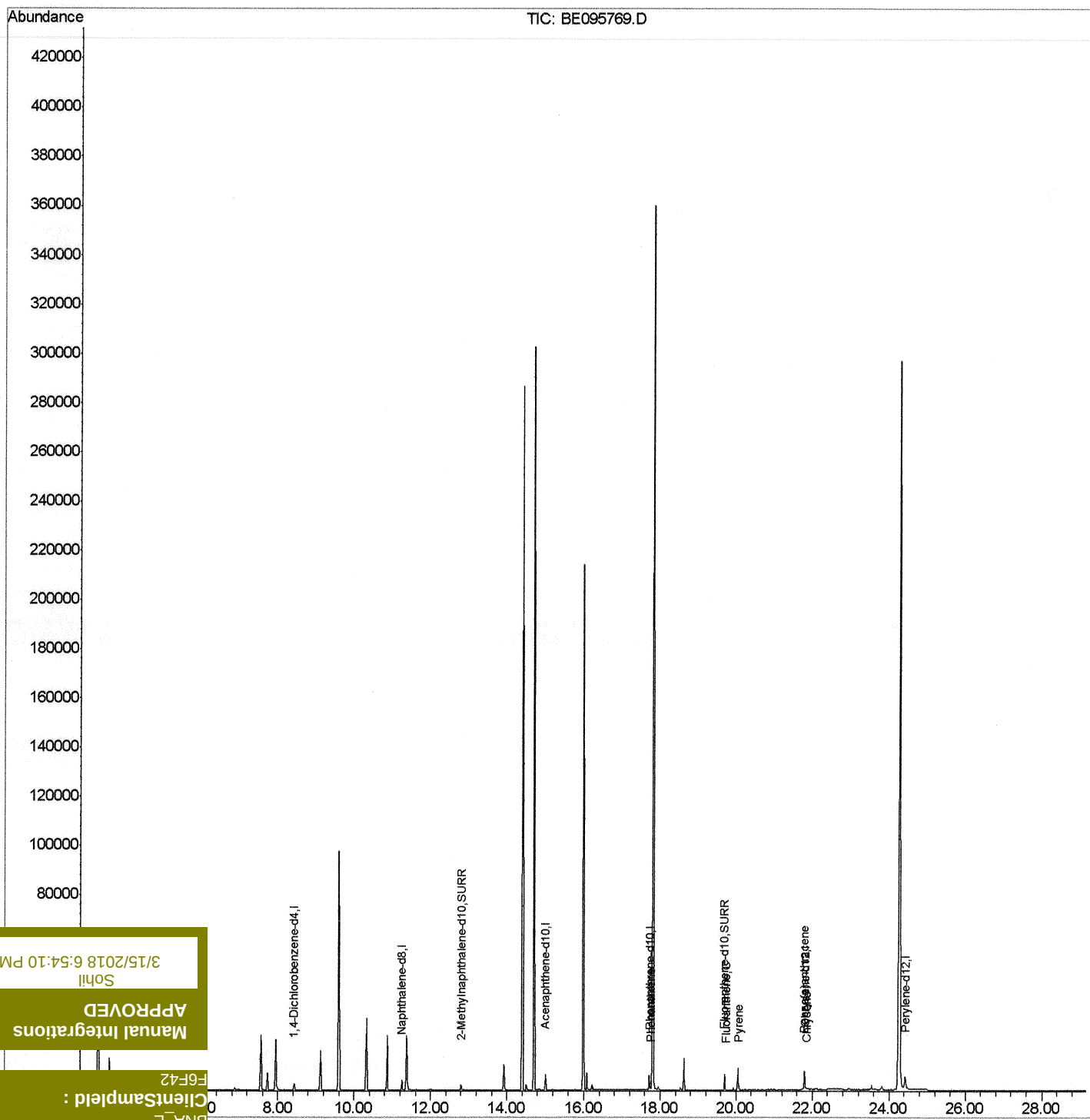


Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095769.D
Acq On : 14 Mar 2018 18:08
Operator : SJ/JU
Sample : J1835-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

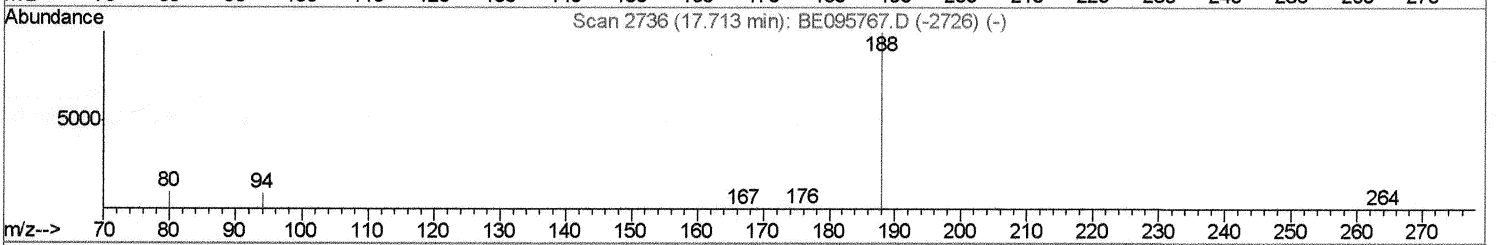
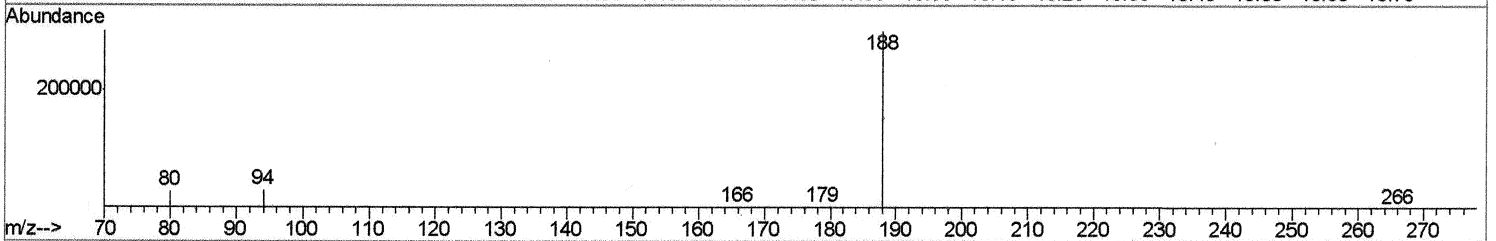
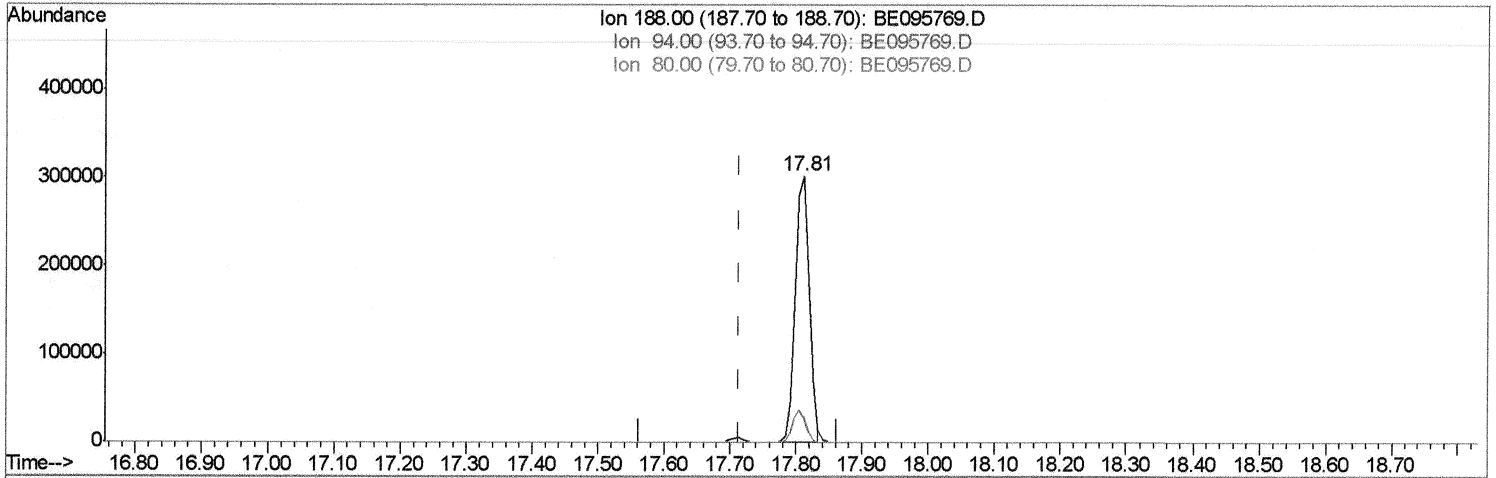
Quant Time: Mar 15 04:04:28 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 03:09:28 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 03:10:08 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 03:09:28 2018
 Response via : Initial Calibration



TIC: BE095769.D

(10) Phenanthrene-d10 (I)
 17.811min (+0.098) 0.40ng/ul
 response 445996

Ion	Exp%	Act%
188.00	100	100
94.00	9.75	9.15
80.00	9.15	9.15

3/15/2018 6:54:10 PM
 Sohll
 APPROVED
 Manual Integrations

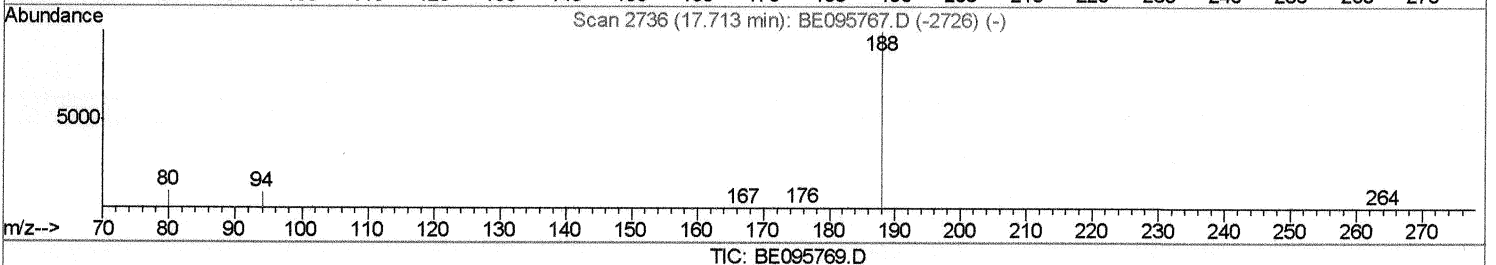
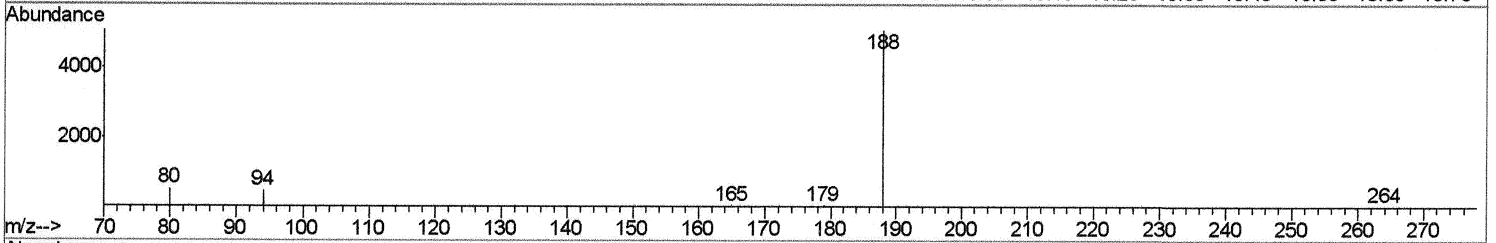
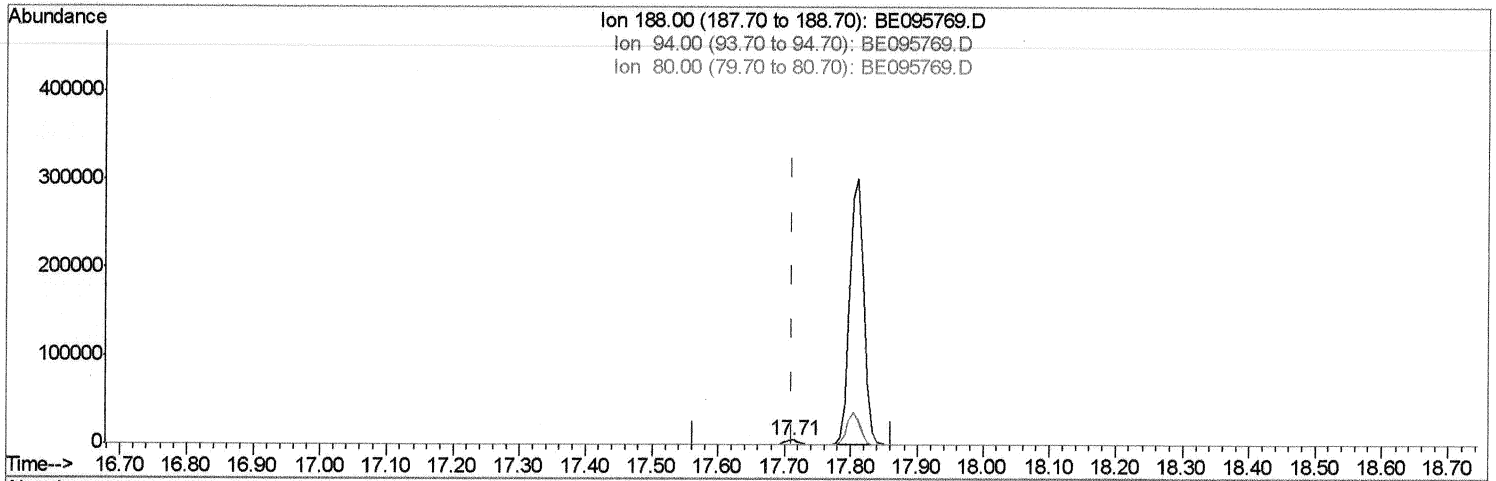
Instrument : BNA_E
 ClientSampled : F6F42

18.M Thu Mar 15 04:00:57 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 03:10:08 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 03:09:28 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.712min (-0.000) 0.40ng/ul m> S2 3/15/18

response 7525

Ion	Exp%	Act%
188.00	100	100

3/15/2018 6:54:10 PM
 Sohll
 APPROVED
 Manual Integrations

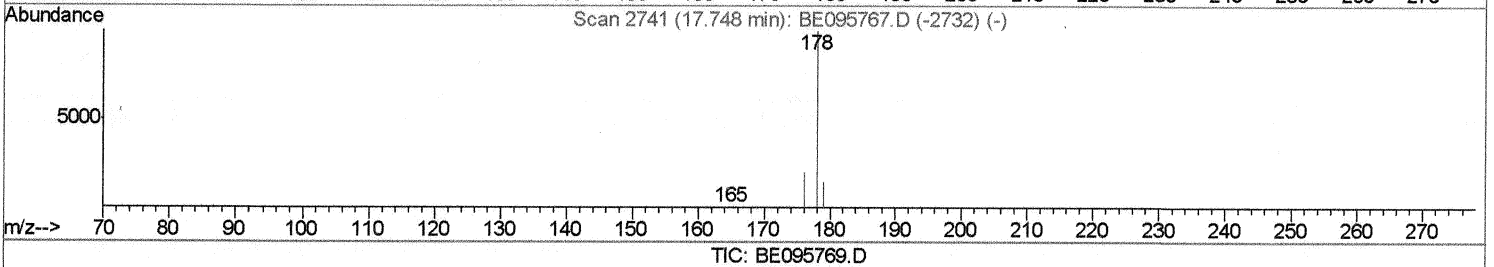
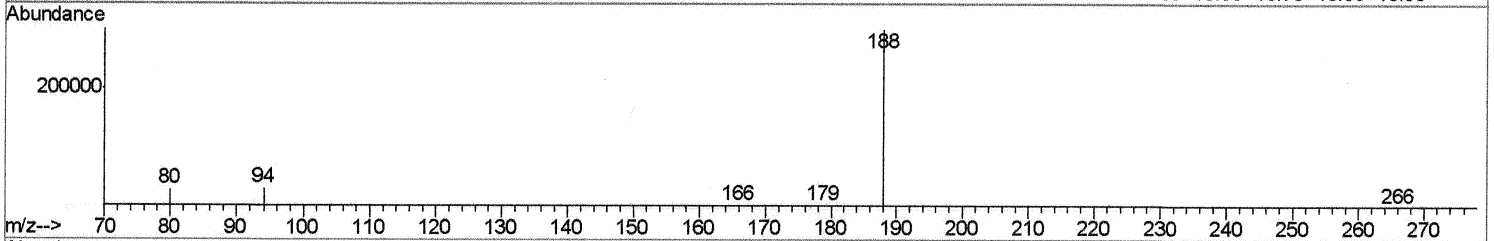
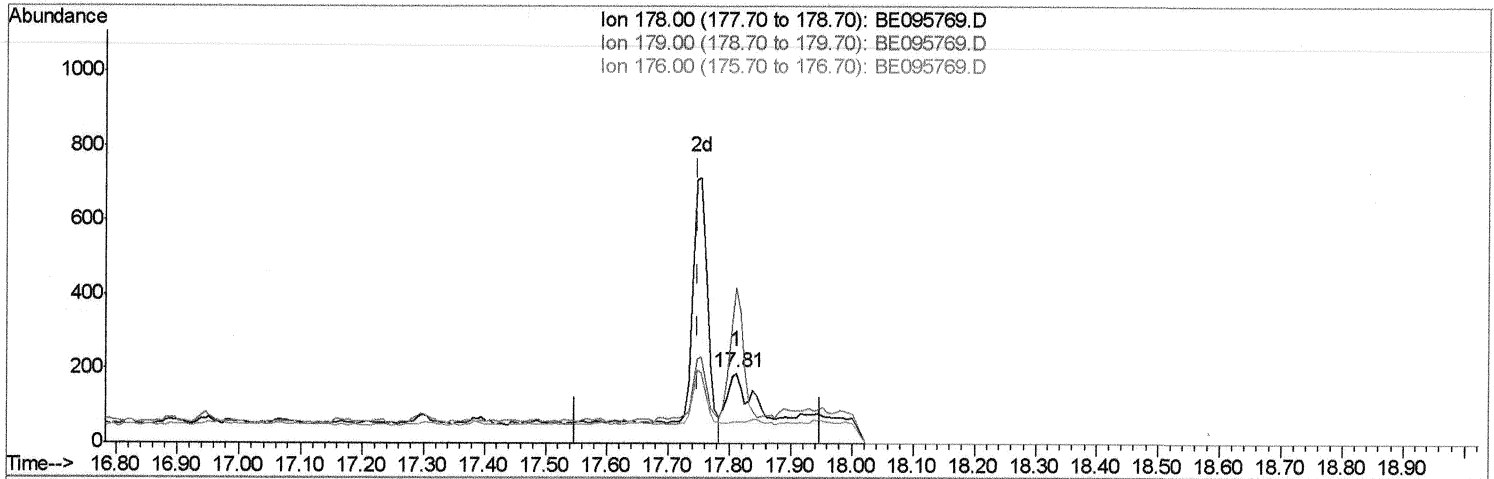
Instrument :
 BNA_E
 ClientSampled :
 F6F42

8.M Thu Mar 15 04:01:09 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:00:01 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: BE095769.D

(12) Phenanthrene

17.811min (+0.063) 0.06ng/ul

response 1246

Ion	Exp%	Act%
178.00	100	100

3/15/2018 6:54:10 PM 21.05#

Sohil

APPROVED

Manual Integrations 30.53#

F6F42

ClientSampled :

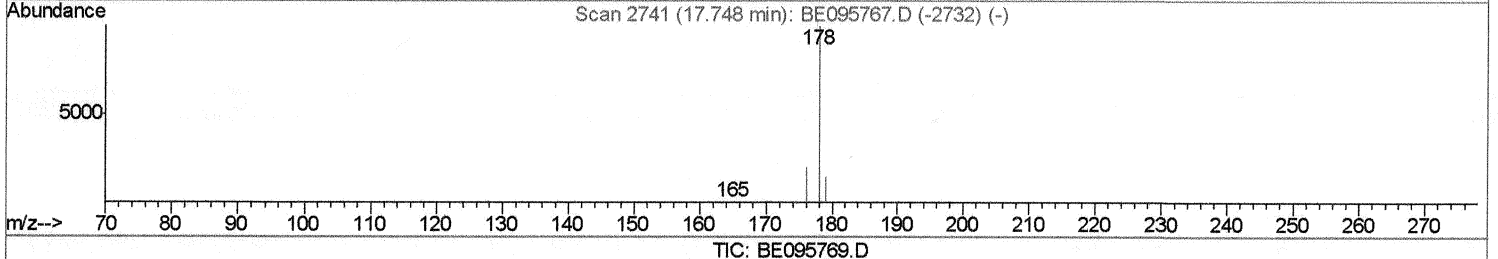
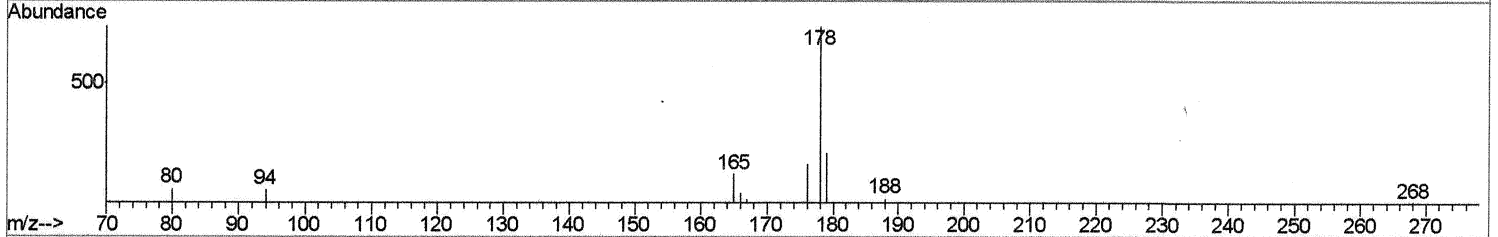
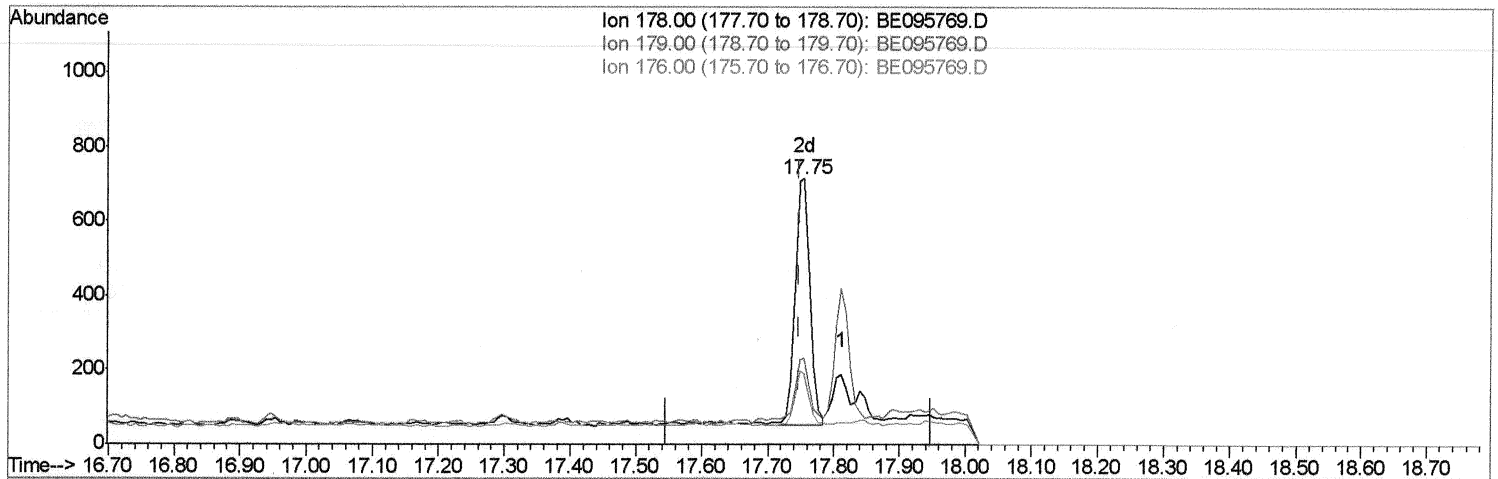
BNA_E

Instrument : 8.M Thu Mar 15 04:01:26 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:00:01 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



(12) Phenanthrene

17.754min (+0.007) 0.05ng/ul m> 52 3/16/18

response 1047

Ion Exp% Act%

178.00 100 100

3/15/2018 6:54:10 PM 32.77#

Sohil

APPROVED 26.89#

Manual Integrations 0.00

F6F42

ClientSampled :

BNA_E

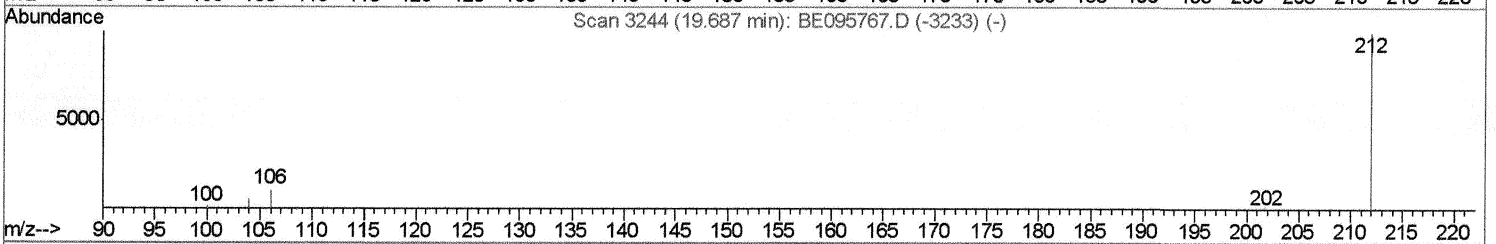
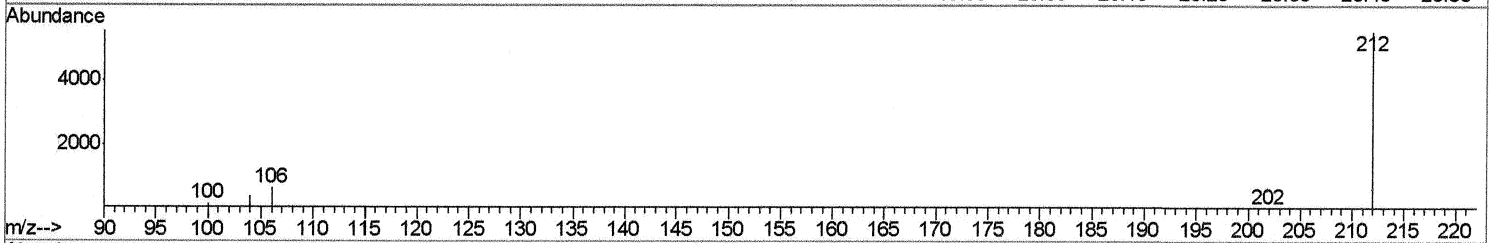
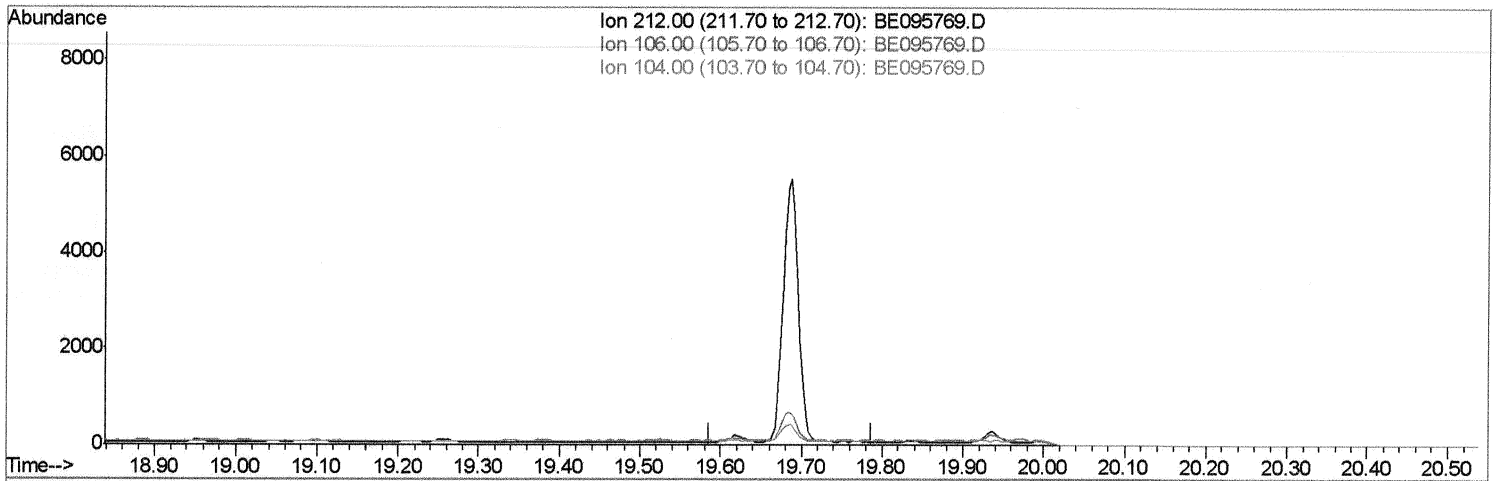
Instrument :

8.M Thu Mar 15 04:01:38 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:00:31 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: BE095769.D

(14) Fluoranthene-d10 (SURR)

19.687min (-19.687) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	100	0.00
104.00	100	0.00

Instrument : BNA_E

ClientSampleId : F6F42

3/15/2018 6:54:10 PM

APPROVED

Manual Integrations

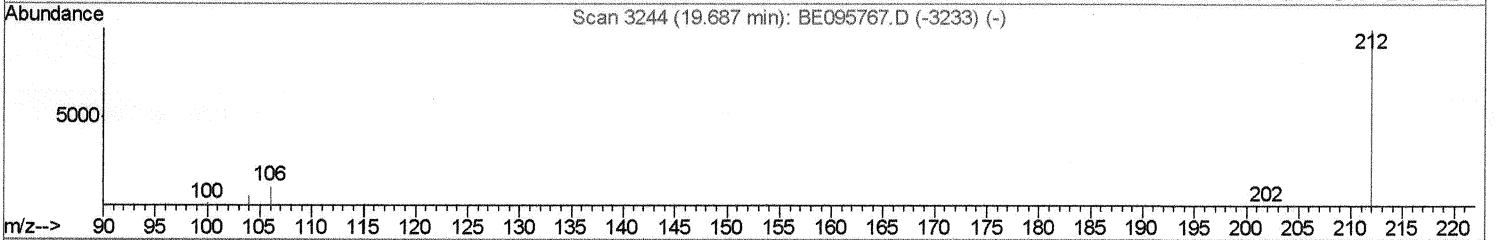
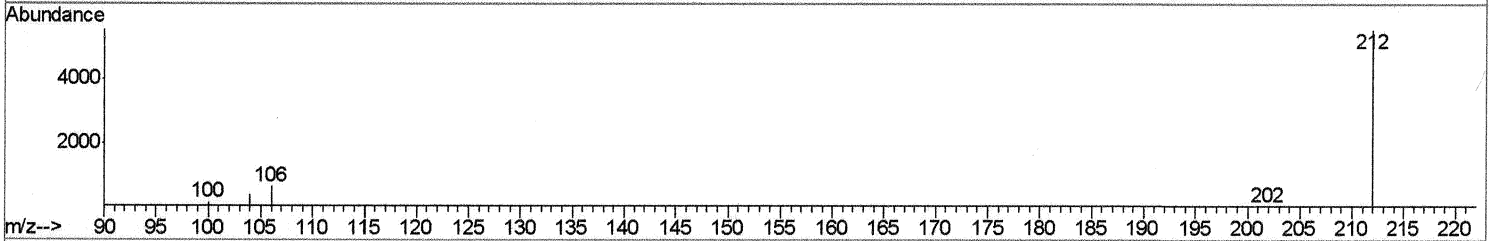
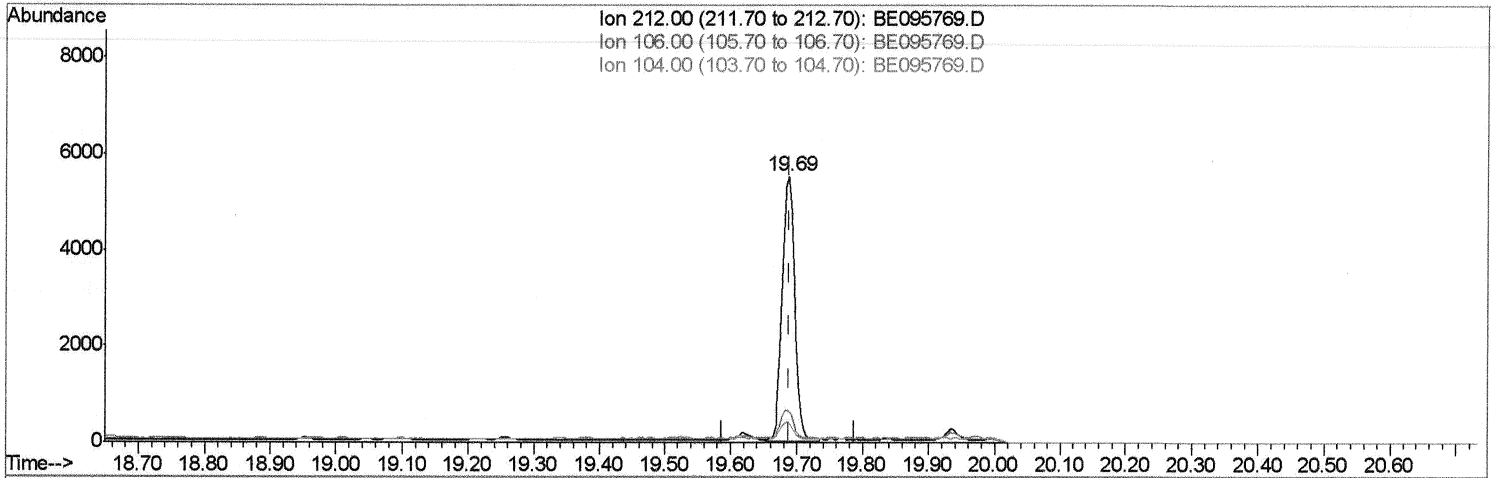
Sohil

8.M Thu Mar 15 04:02:12 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:00:31 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: BE095769.D

(14) Fluoranthene-d10 (SURR)

19.687min (-0.000) 0.30ng/ul m> SA 3/16/18

response 7283

Ion	Exp%	Act%
212.00	100	100
106.00	0.00	0.00
100.00	0.00	0.00

3/15/2018 6:54:10 PM

Sohil

APPROVED

Manual Integrations

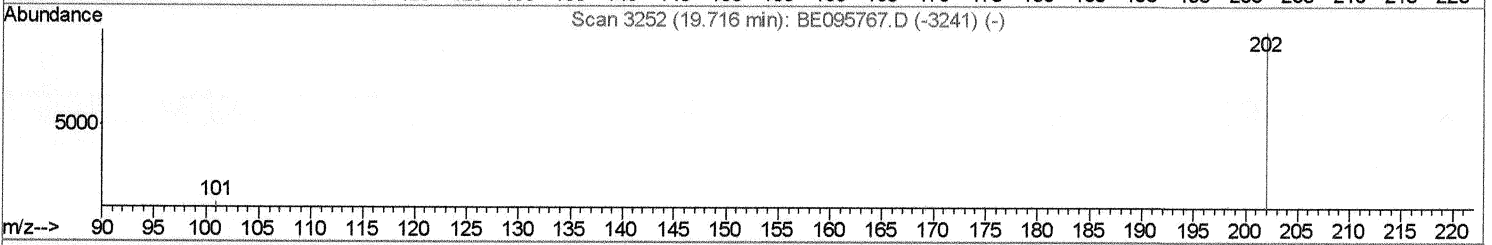
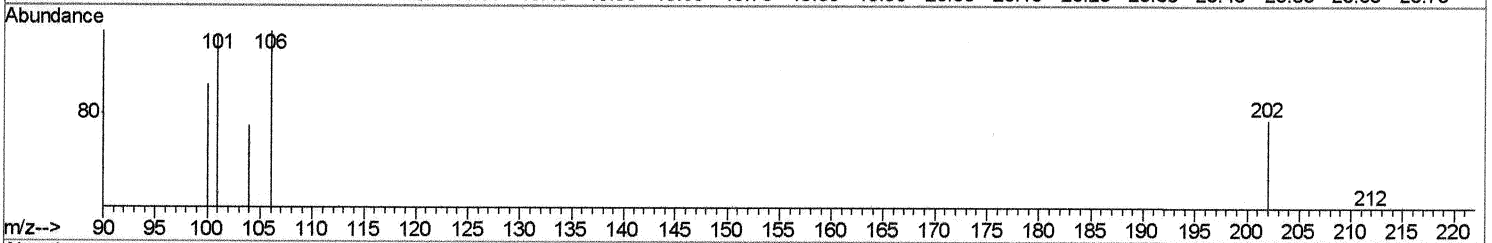
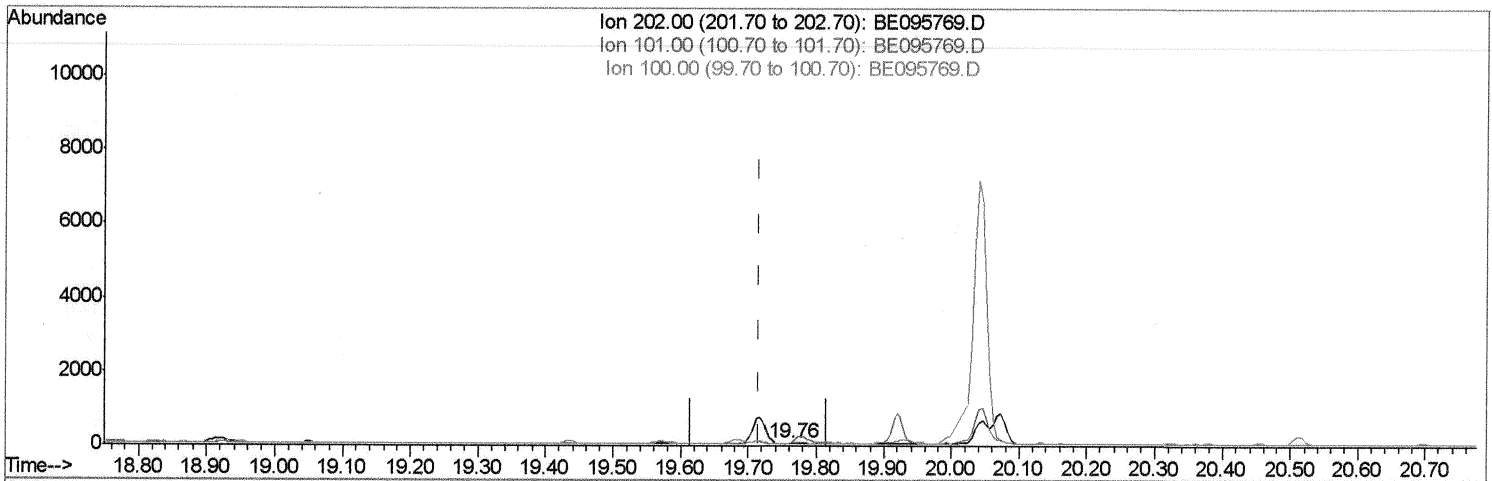
Client Sampled :
 BNA_E
 Instrument :

8.M Thu Mar 15 04:02:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:01:15 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 03:09:28 2018
 Response via : Initial Calibration



TIC: BE095769.D

(15) Fluoranthene (C)
 19.762min (+0.046) 0.00ng/ul
 response 16

Ion	Exp%	Act%
202.00	100	100

3/15/2018 6:54:10 PM

Sohil

APPROVED

Manual Integrations

F6F42

ClientSampled :

BNA_E

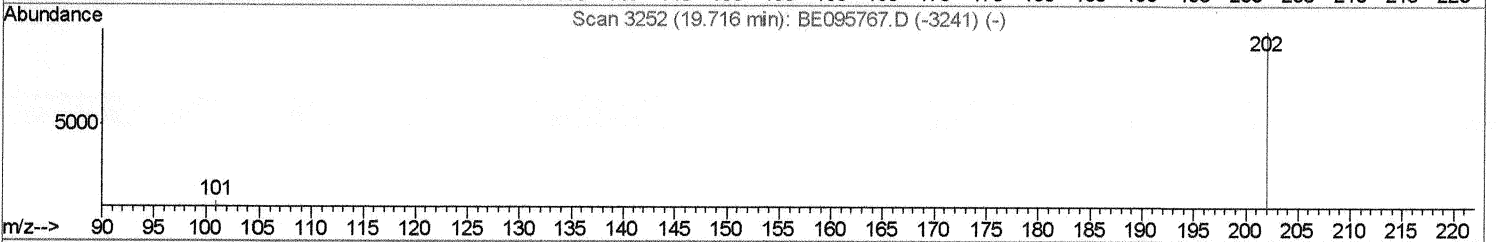
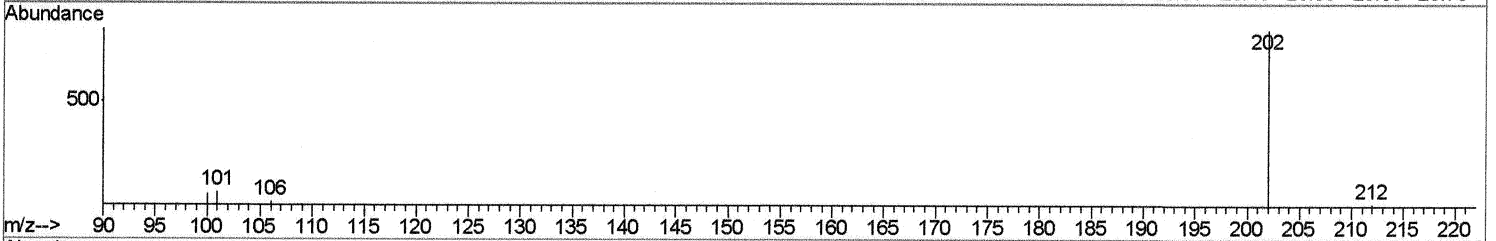
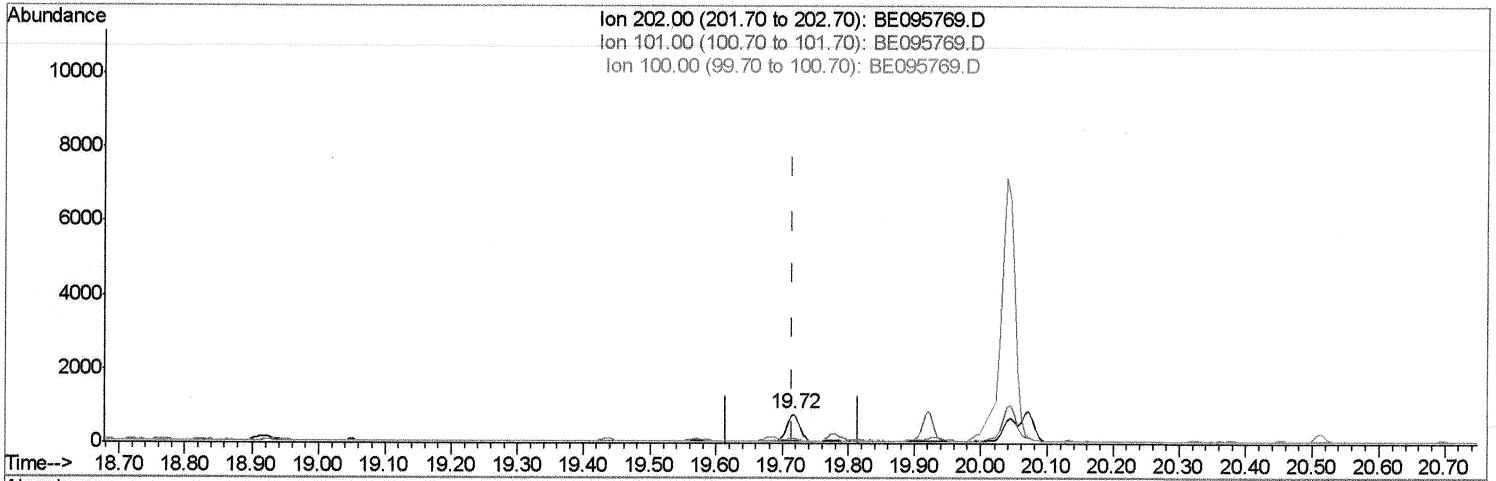
Instrument :

8.M Thu Mar 15 04:03:05 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:01:15 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 03:09:28 2018
 Response via : Initial Calibration



TIC: BE095769.D

(15) Fluoranthene (C)

19.716min (-0.000) 0.04ng/ul m > SJ 3/16/18

response 975

Ion	Exp%	Act%
202.00	100	100

3/15/2018 6:54:10 PM
 Sohll
 APPROVED
 Manual Integrations

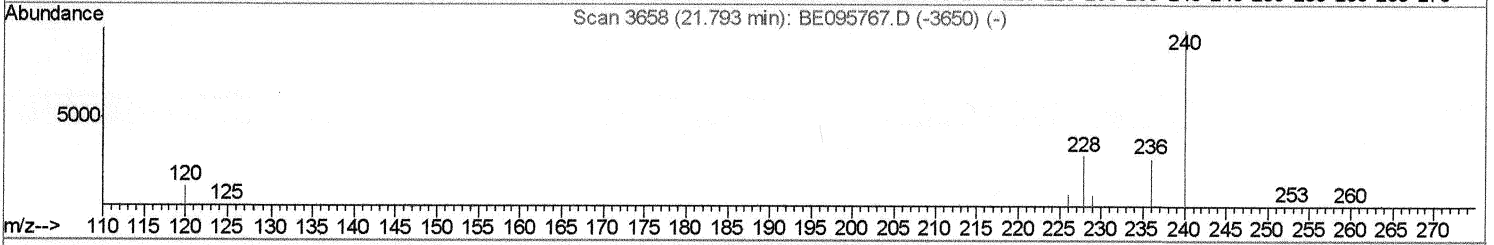
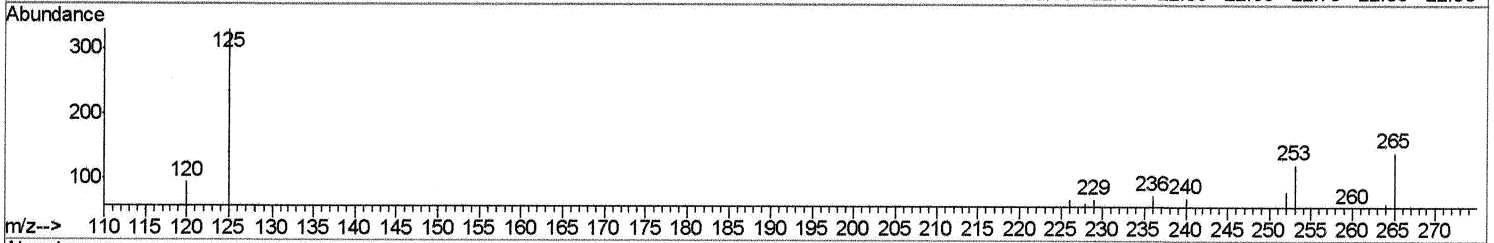
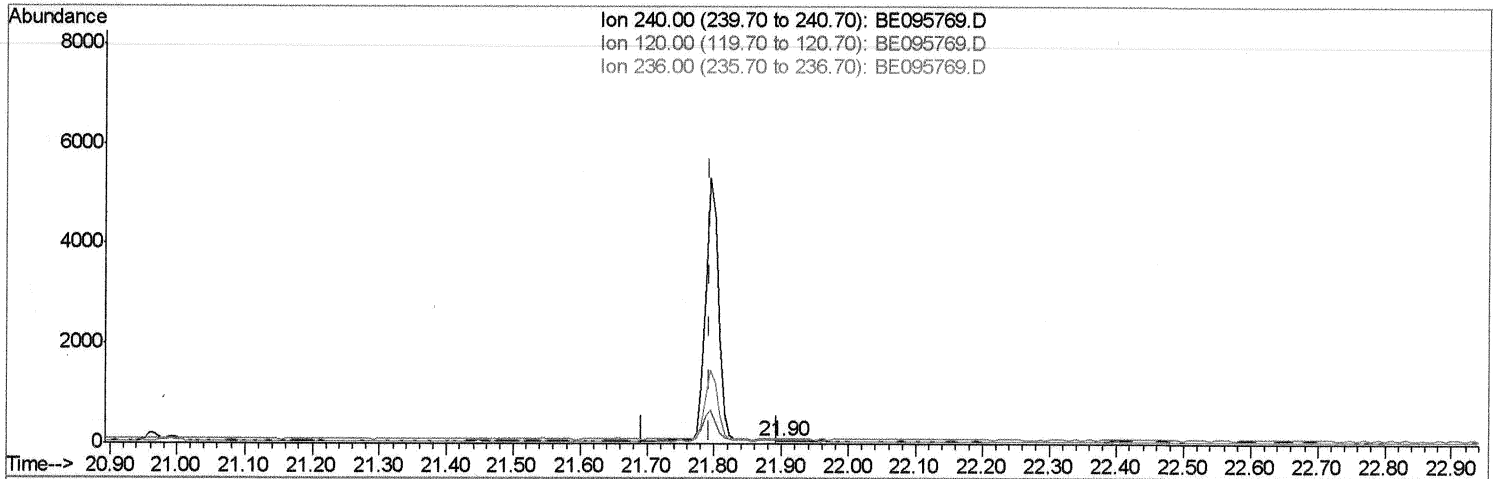
Client Sampled :
 BNA_E
 Instrument :

8.M Thu Mar 15 04:03:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:01:15 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 03:09:28 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.900min (+0.107) 0.40ng/ul

response 20

Ion Exp% Act%

240.00 100 100

3/15/2018 6:54:10 PM 32.86#

Sohil

APPROVED 04.29#

Manual Integrations 0.00

F6F42

ClientSampled :

BNA_E

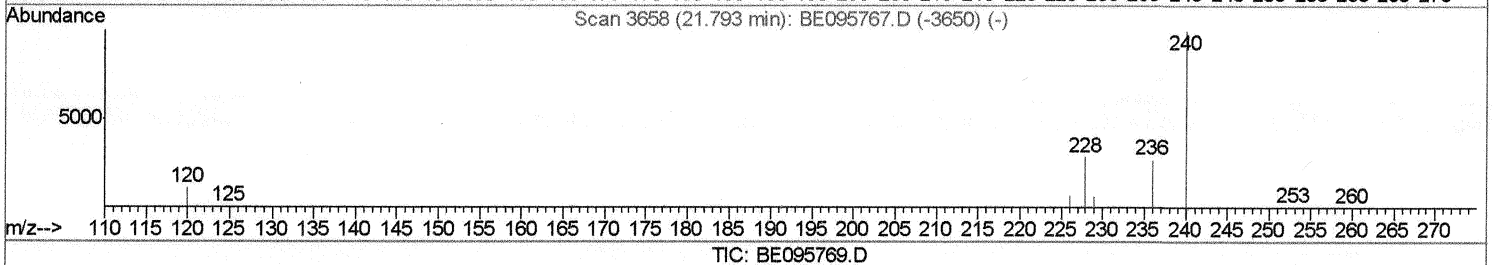
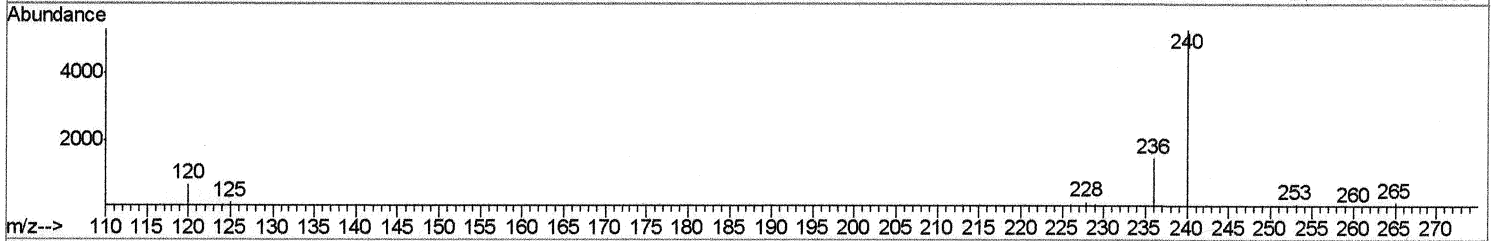
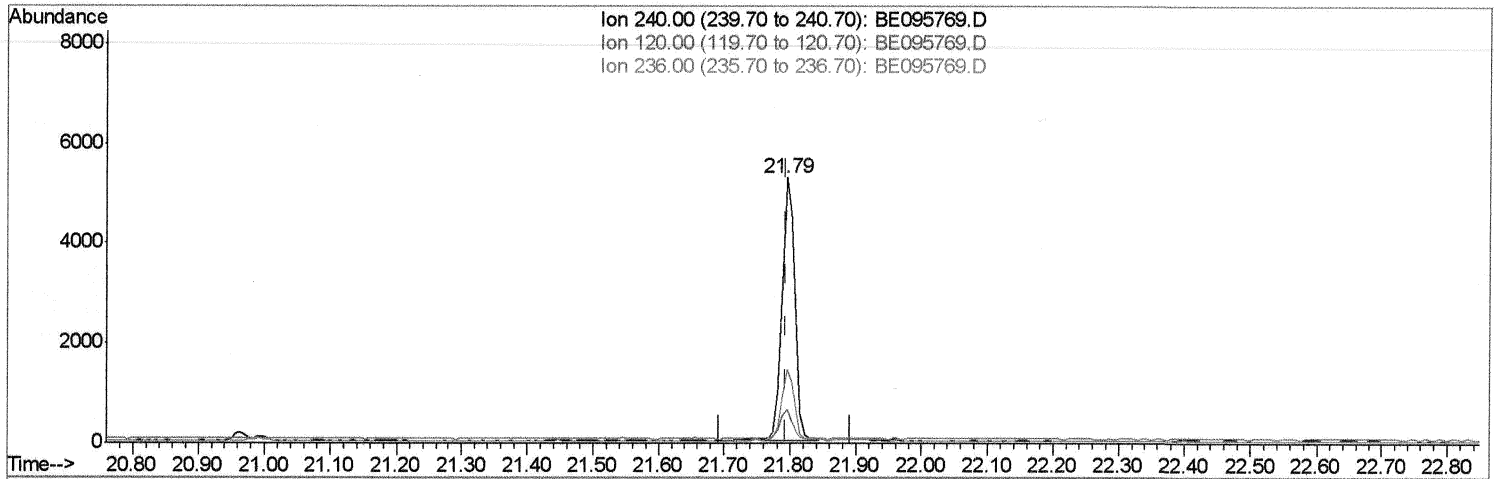
Instrument :

8.M Thu Mar 15 04:03:25 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:01:15 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 03:09:28 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.794min (+0.001) 0.40ng/ul m> SJ 3/16/18

response 7090

Ion	Exp%	Act%
240.00	100	100

3/15/2018 6:54:10 PM
 Sohll
 APPROVED
 Manual Integrations

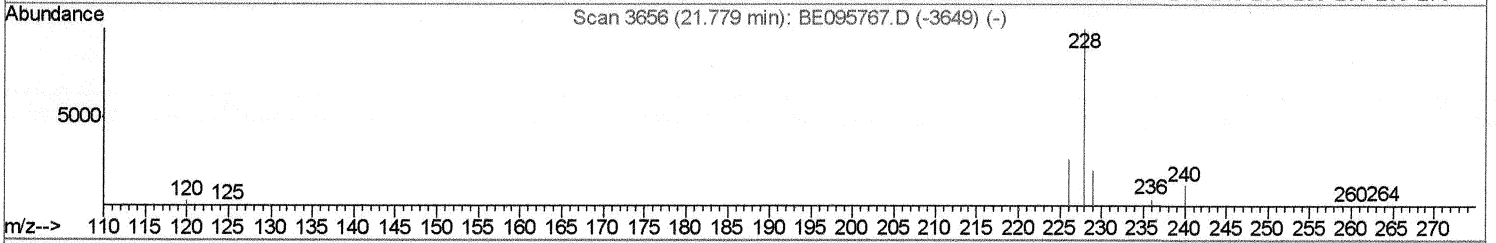
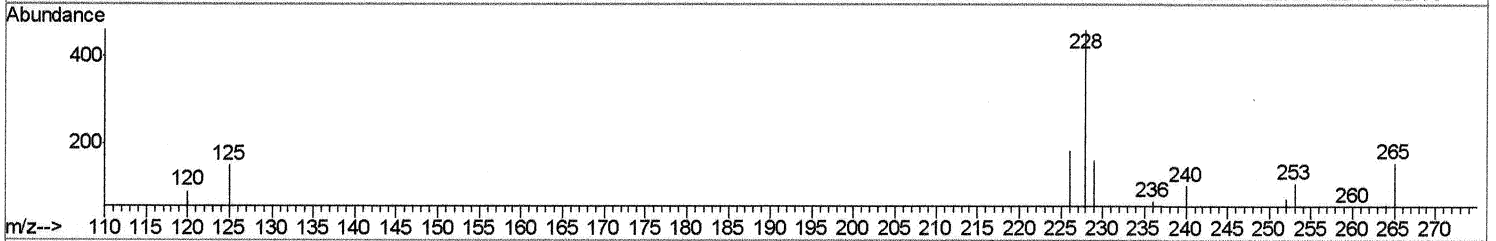
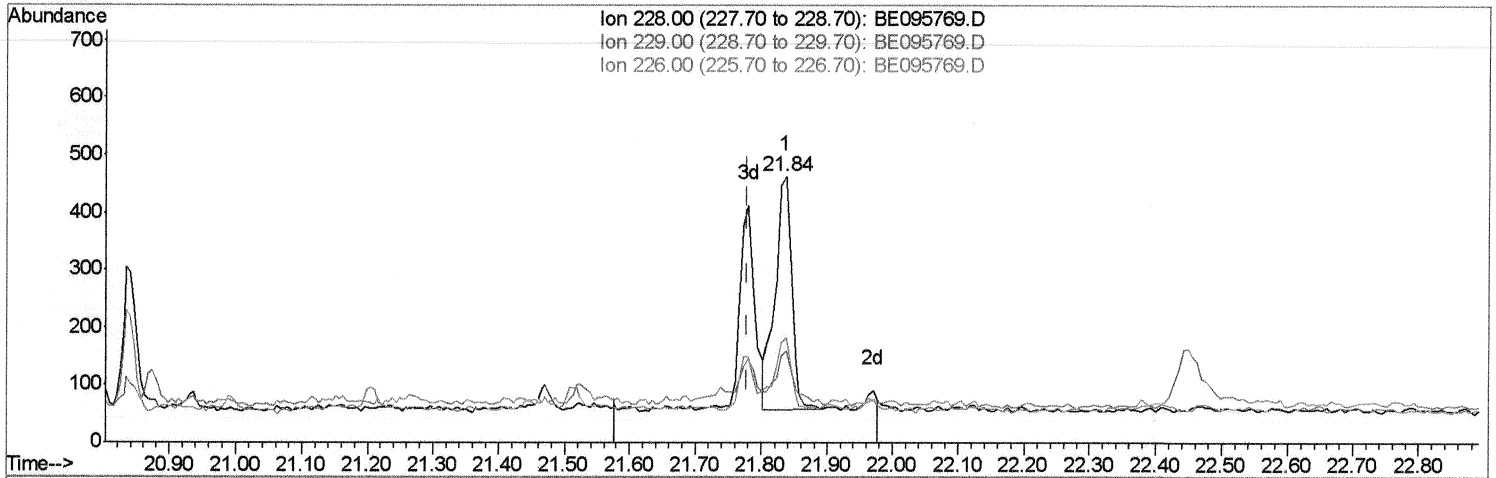
Client Sample :
 BNA_E
 Instrument :

8.M Thu Mar 15 04:03:37 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:02:30 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: BE095769.D

(18) Benzo(a)anthracene
 21.837min (+0.058) 0.03ng/ul
 response 707

Ion	Exp%	Act%
228.00	100	100
229.00	34.42	39.61
226.00	0.00	0.00

3/15/2018 6:54:10 PM

Sohil

APPROVED

Manual Integrations

F6F42

Client Sampled :

BNA_E

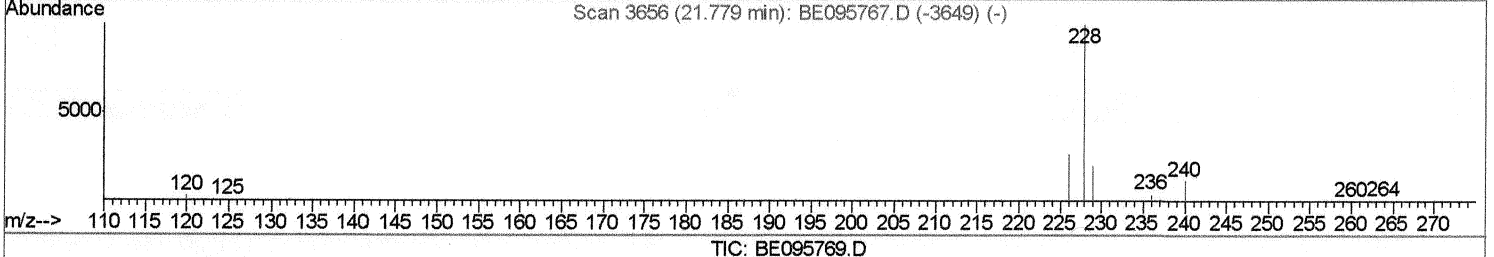
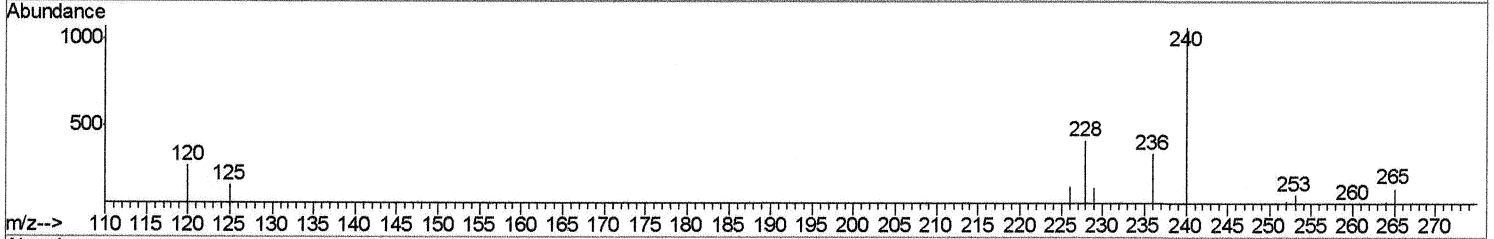
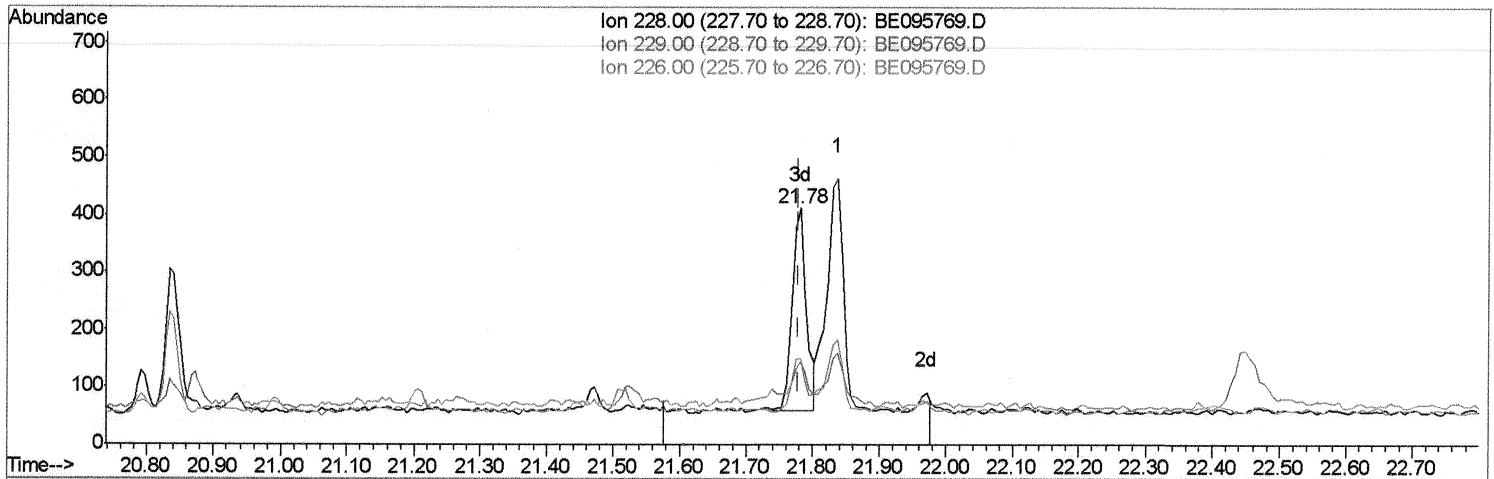
Instrument :

8.M Thu Mar 15 04:03:59 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:02:30 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



(18) Benzo(a)anthracene

21.780min (+0.001) 0.02ng/ul m> 53 3/16/18

response 543

Ion Exp% Act%

228.00 100 100

35.28#

36.25#

00

3/15/2018 6:54:10 PM

Sohil

APPROVED

Manual Integrations

F6F42

ClientSampled :

BNA_E

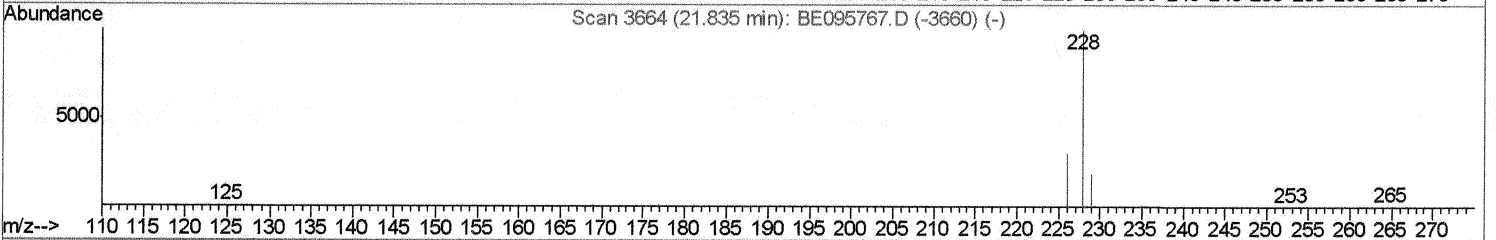
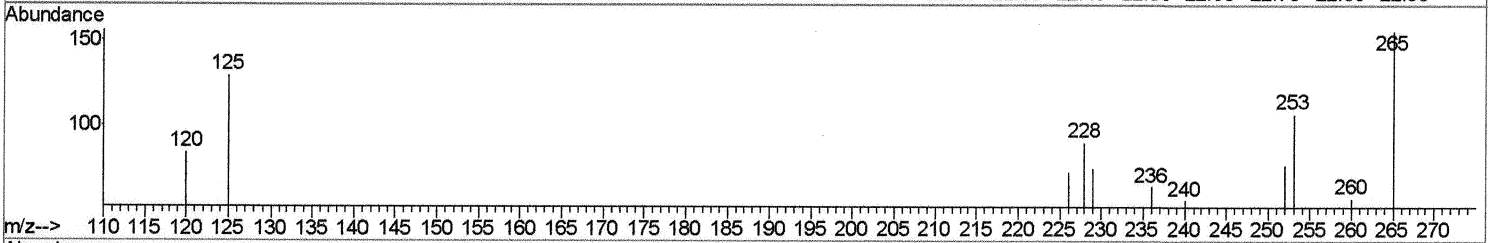
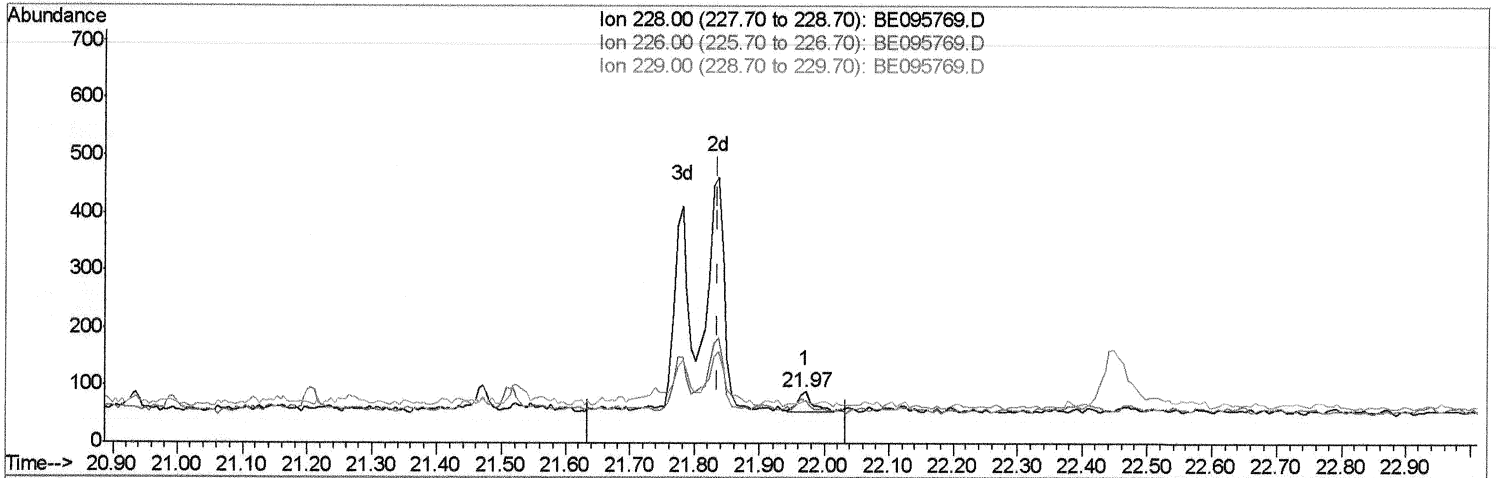
Instrument :

8.M Thu Mar 15 04:04:18 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:02:30 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



(19) Chrysene

21.970min (+0.135) 0.00ng/ul

response 59

Ion Exp% Act%

228.00 100 100

31.11#

33.33#

100

3/15/2018 6:54:10 PM

Sohil

APPROVED

Manual Integrations

Client Sampled :

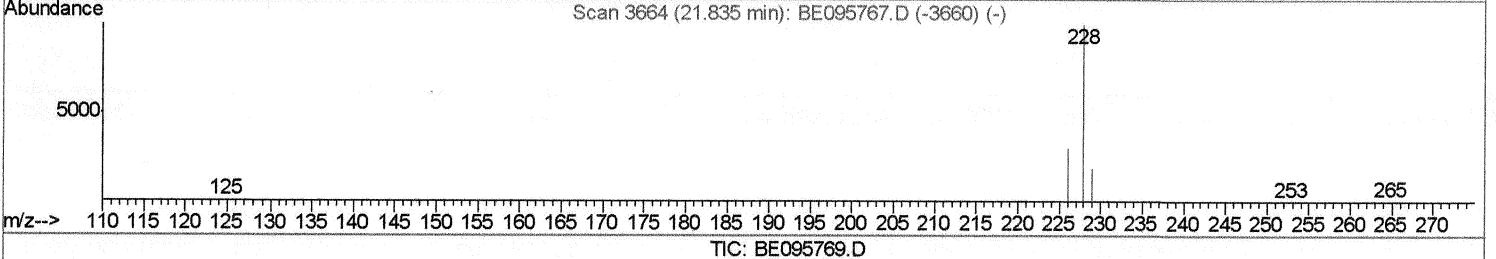
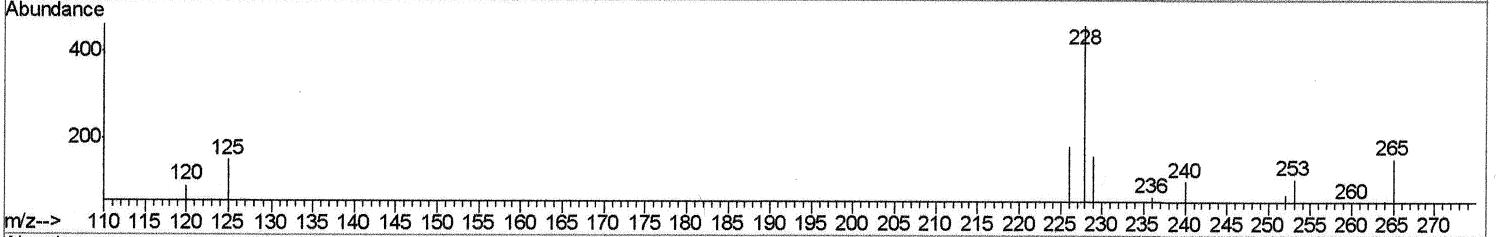
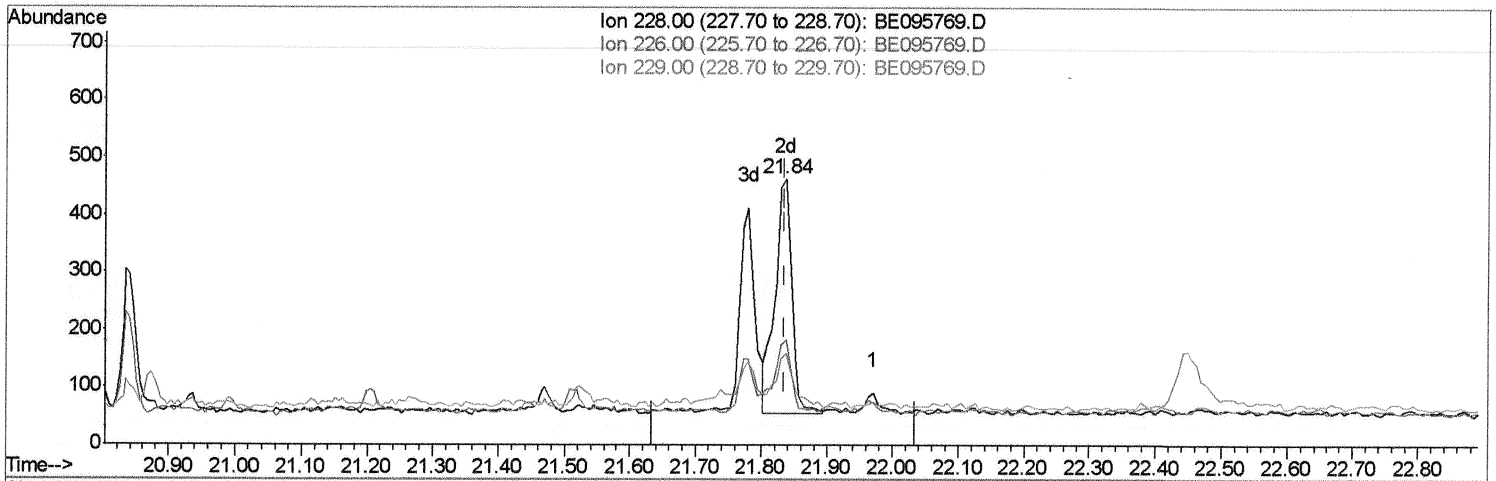
Instrument :

8.M Thu Mar 15 04:04:25 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:02:30 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



(19) Chrysene

21.837min (+0.001) 0.03ng/ul m > SJ 3/16/18

response 726

Ion Exp% Act%

228.00 100 100

3/15/2018 6:54:10 PM 39.61#

Sohil

APPROVED 34.42#

Manual Integrations 100.00

F6F42

ClientSampled :

BNA_E

Instrument :

8.M Thu Mar 15 04:04:38 2018

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095769.D
 Acq On : 14 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1835-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 15 04:04:28 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	8.42	152	1861	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5465	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7525m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7090m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	9053	0.40	ng/ul	0.00

SJ 3/16/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.80	152	2763	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7283m	0.30	ng/ul	0.00

SJ 3/16/18

Target Compounds

Ovalue

12) Phenanthrene	17.75	178	1047m	0.046	ng/ul	
15) Fluoranthene	19.72	202	975m	0.036	ng/ul	
17) Pyrene	20.07	202	1000	0.037	ng/ul	95
18) Benzo(a)anthracene	21.78	228	543m	0.024	ng/ul	
19) Chrysene	21.84	228	726m	0.031	ng/ul	

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

3/15/2018 6:54:10 PM

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Manual Integrations
APPROVED

Instrument : BNA_E
 Client Sampled : F6F42

.M Thu Mar 15 04:06:03 2018