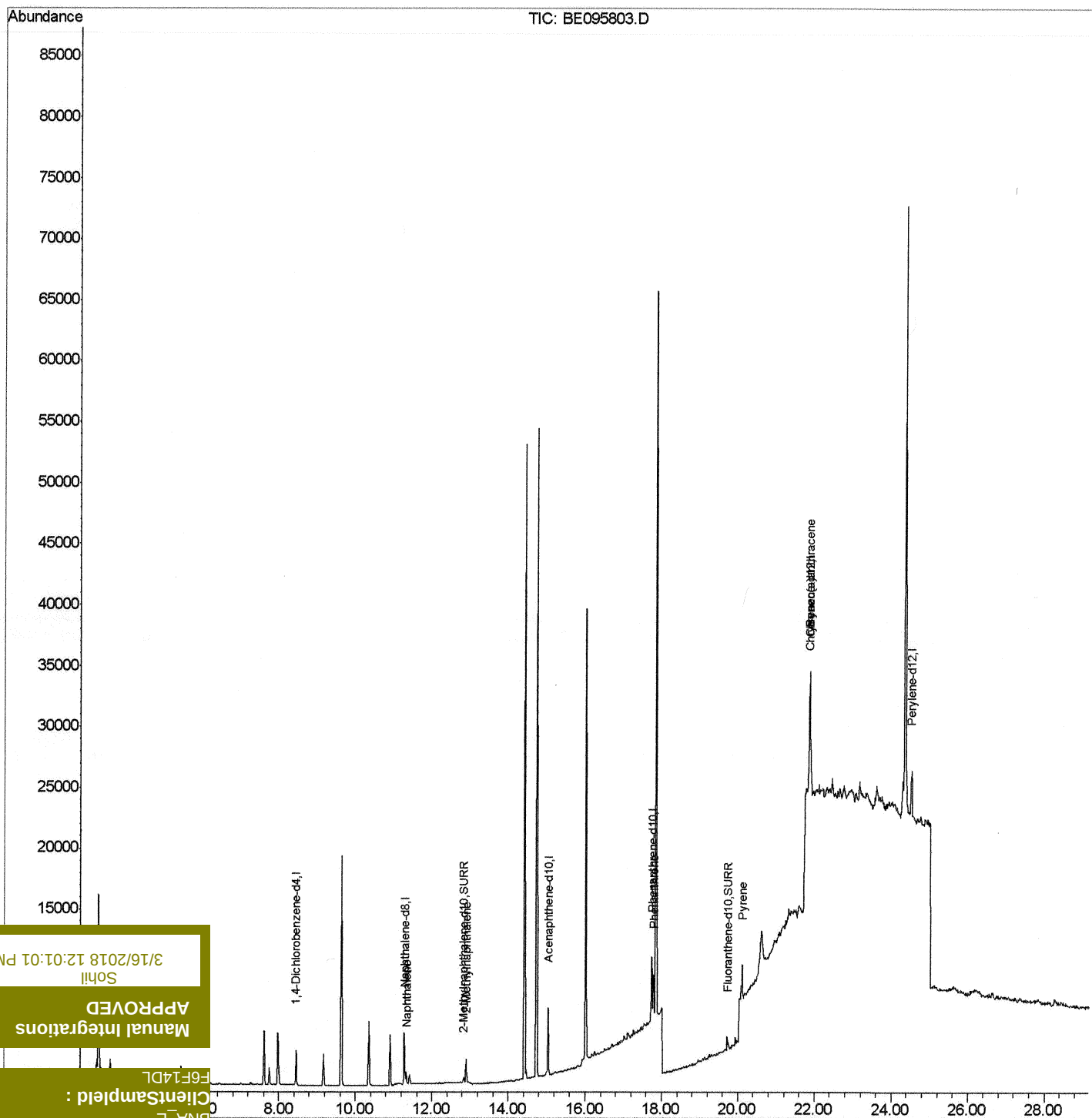


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

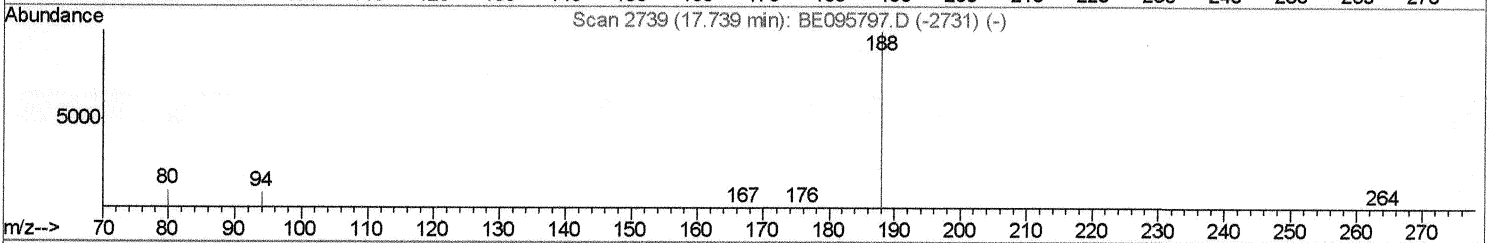
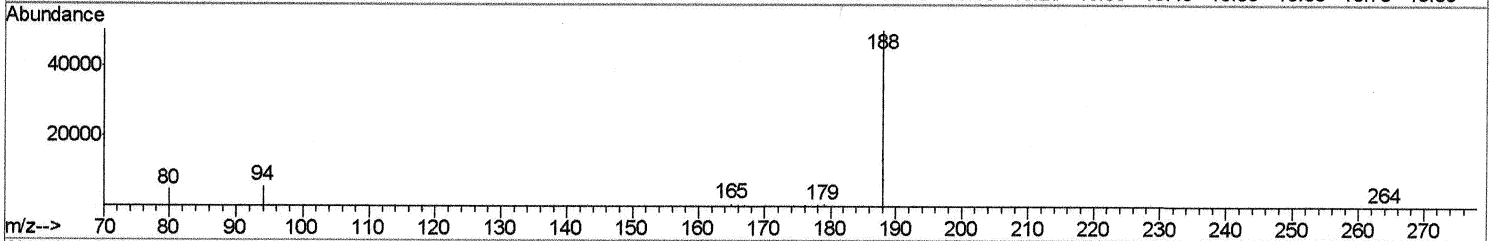
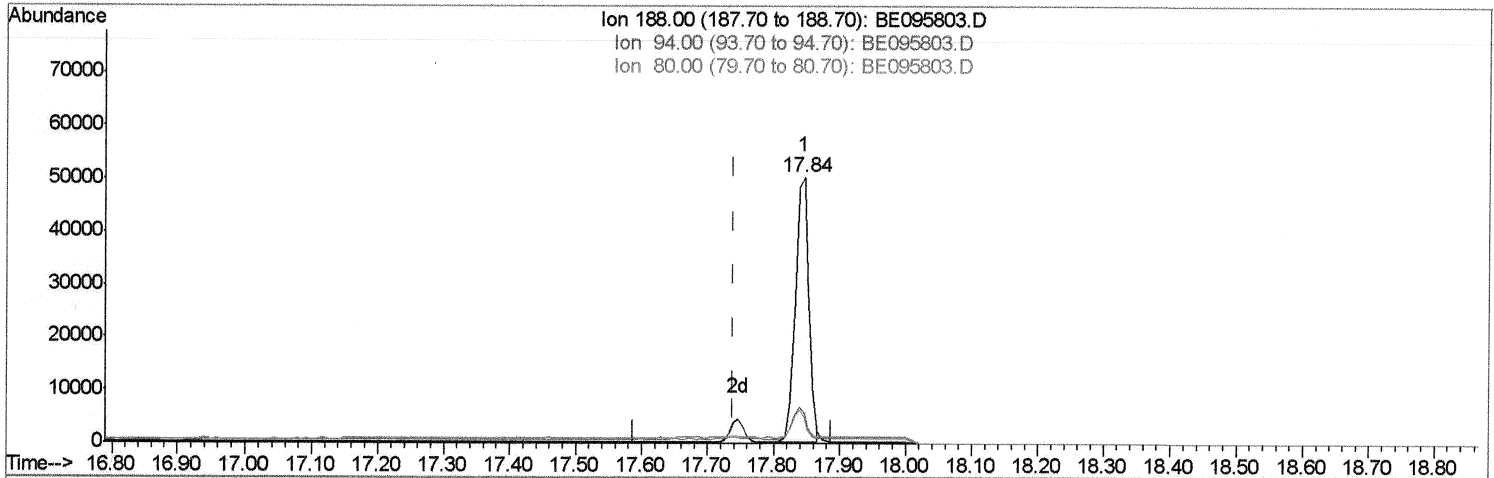
Quant Time: Mar 16 02:08:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 01:13:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(10) Phenanthrene-d10 (I)

17.845min (+0.106) 0.40ng/ul

response 73549

Ion	Exp%	Act%
188.00	100	100
94.00	1.22	9.83
80.00	0.00	0.00

3/16/2018 12:01:01 PM

Sohil

APPROVED

Manual Integrations

F6F14DL

ClientSampled :

BNA_E

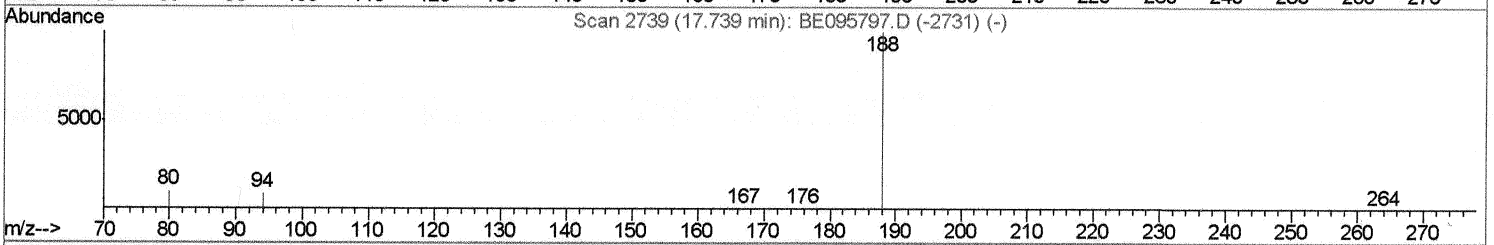
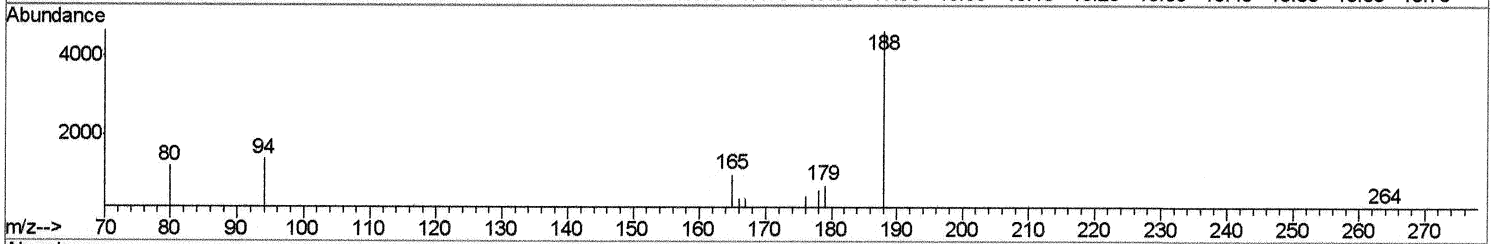
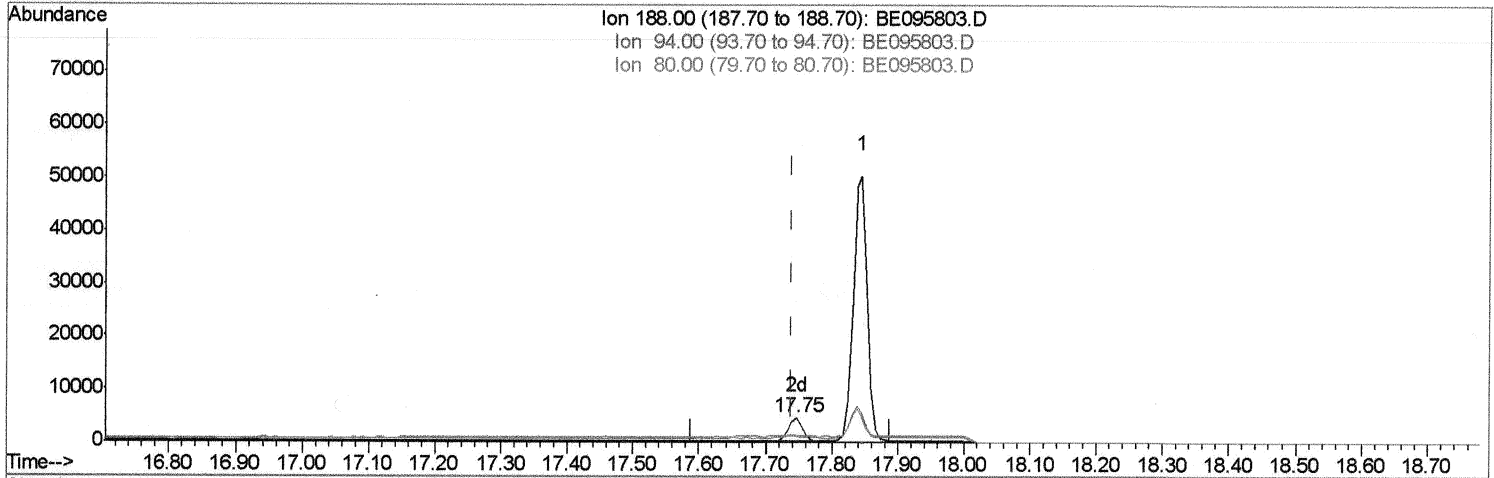
Instrument :

13.M Fri Mar 16 02:03:59 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 01:13:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(10) Phenanthrene-d10 (I)

17.746min (+0.007) 0.40ng/ul m> 52 3/16/18

response 6348

Ion	Exp%	Act%
188.00	99.50	99.50
188.05	5.46	5.46

Manual Integrations
 APPROVED
 3/16/2018 12:01:01 PM
 Sohll

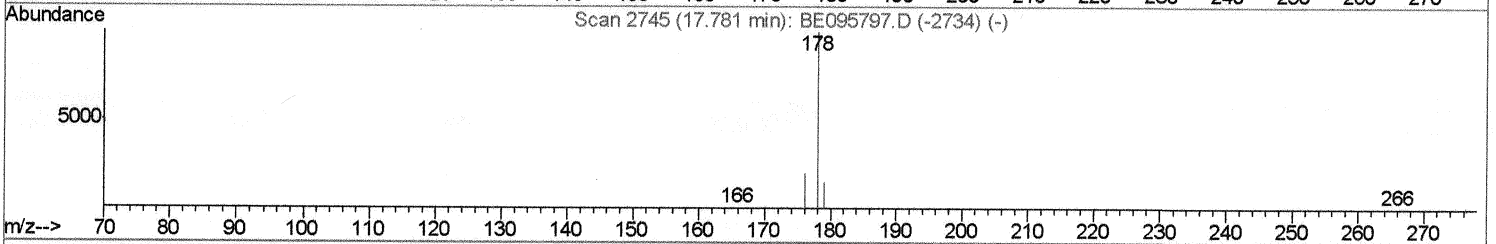
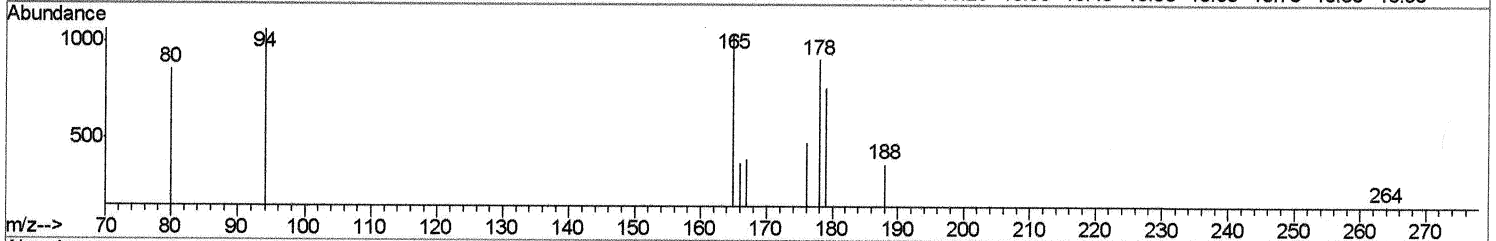
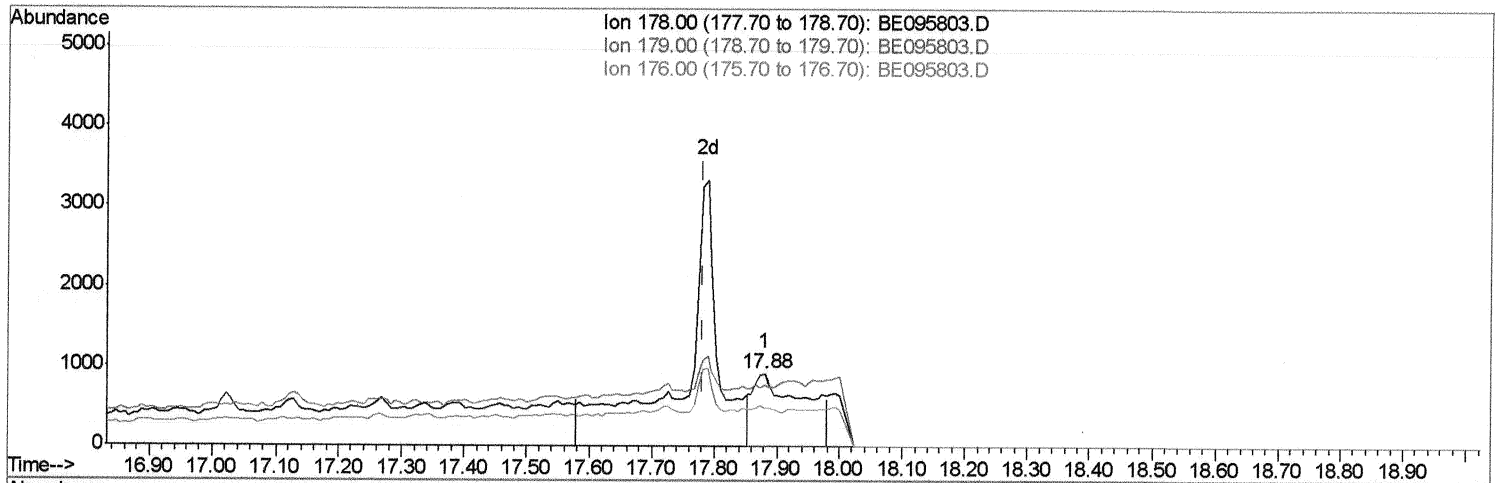
Instrument : BNA_E
 ClientSampleId : F6F14DL

BE031318.M Fri Mar 16 02:04:15 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:04:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(12) Phenanthrene

17.880min (+0.099) 0.34ng/ul

response 6386

Ion	Exp%	Act%
178.00	100	100

3/16/2018 12:01:01 PM

Sohil

APPROVED

Manual Integrations

F6F14DL

ClientSampleId :

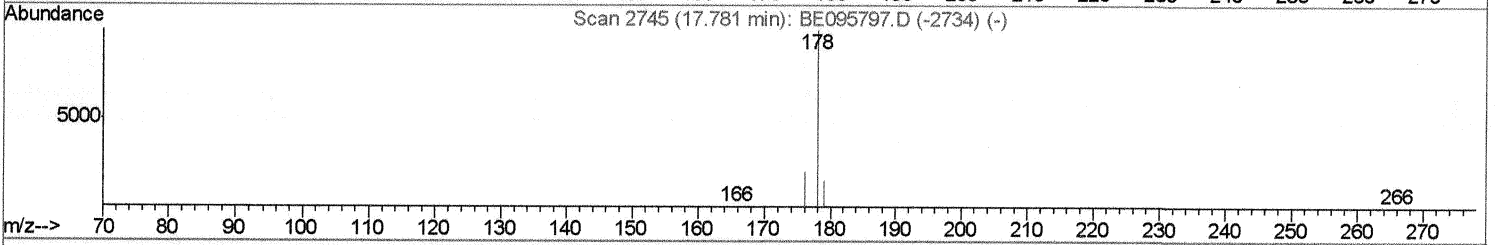
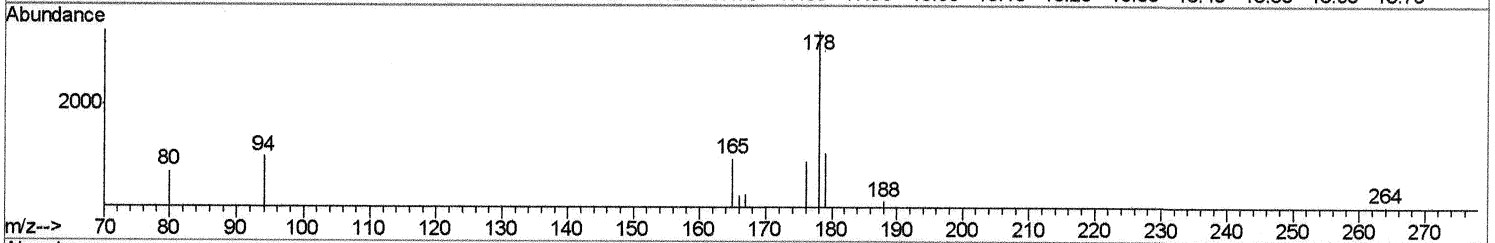
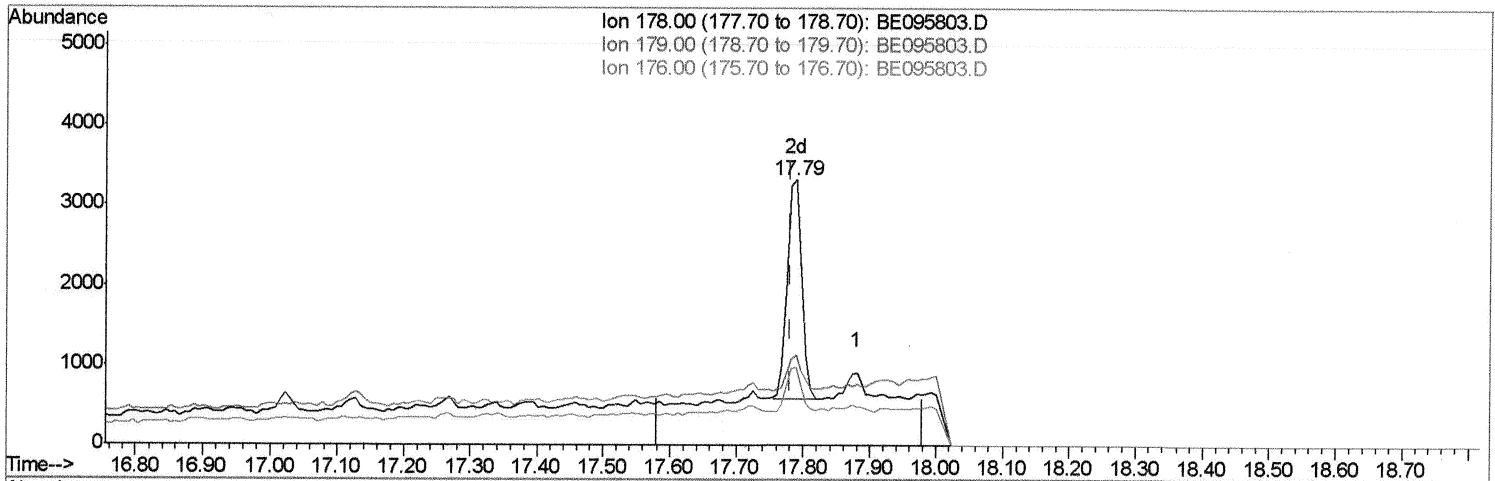
BNA_E

Instrument : 8.M Fri Mar 16 02:04:45 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:04:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(12) Phenanthrene

17.789min (+0.007) 0.21ng/ul m> SJ 3/16/18

response 4063

Ion Exp% Act%

178.00 100 100

3/16/2018 12:01:01 PM 33.89#

Sohil

29.34#

APPROVED

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

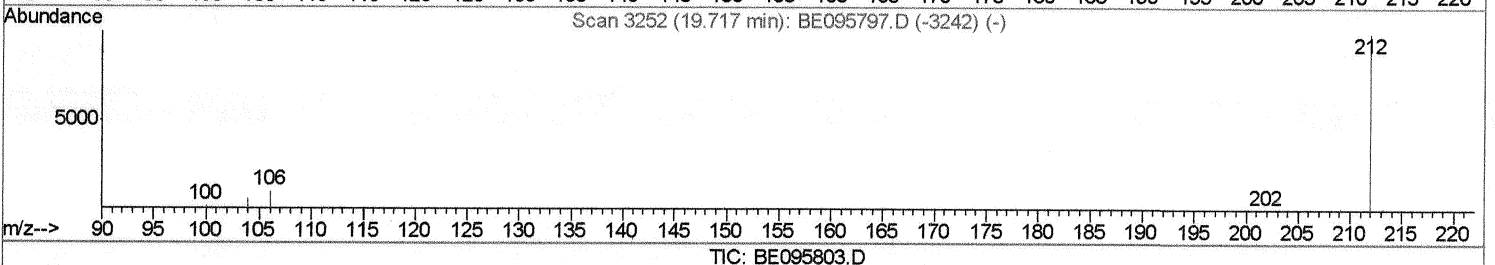
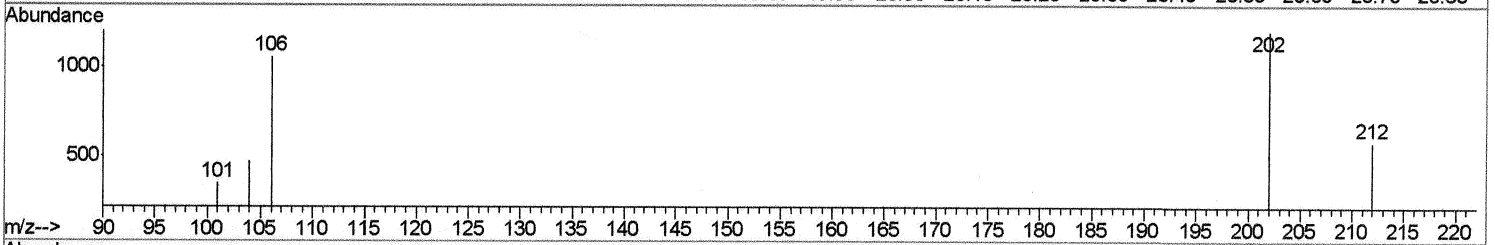
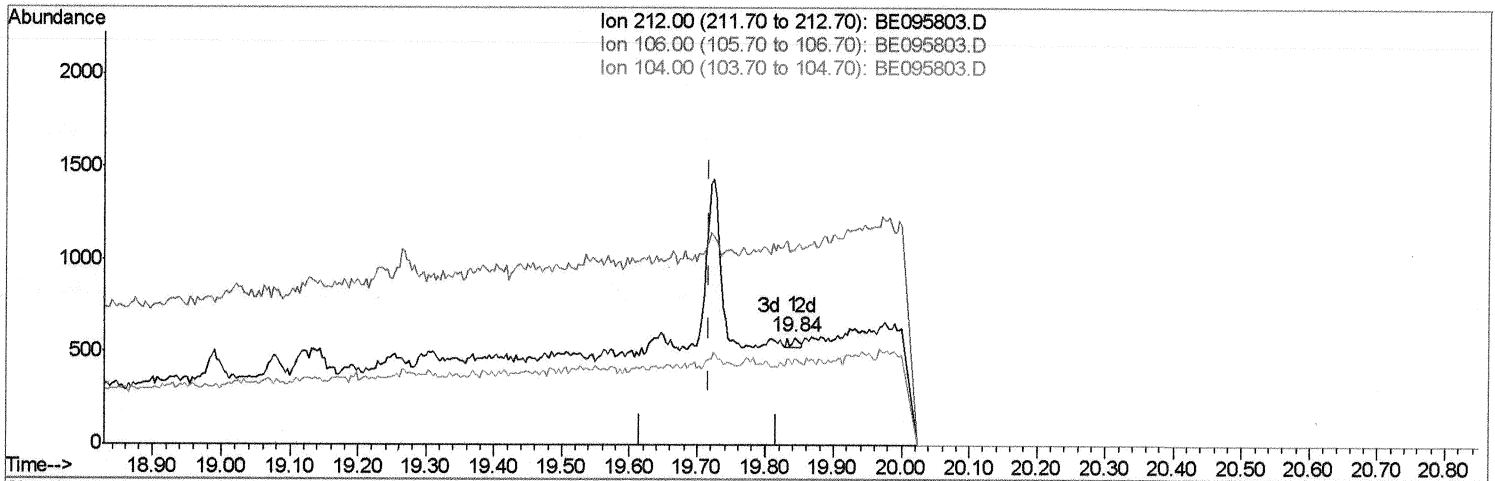
Instrument :

3.M Fri Mar 16 02:04:54 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:04:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.841min (+0.125) 0.00ng/ul

response 46

Ion Exp% Act%

212.00 100 100

3/16/2018 12:01:01 PM 11.30#

Sohil

APPROVED 11.30#

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

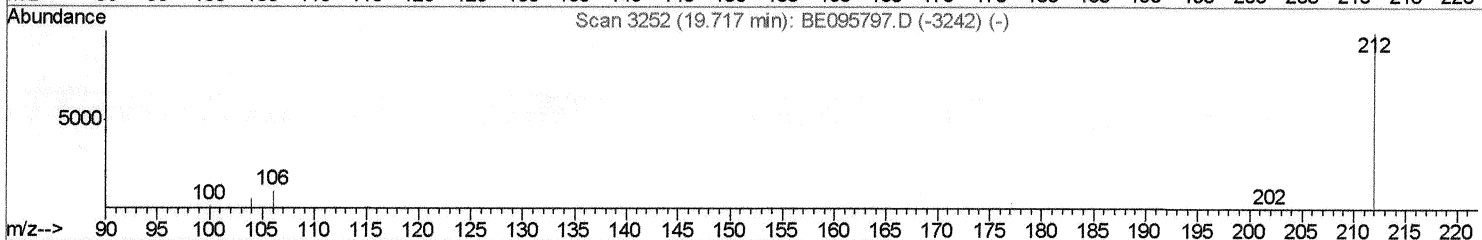
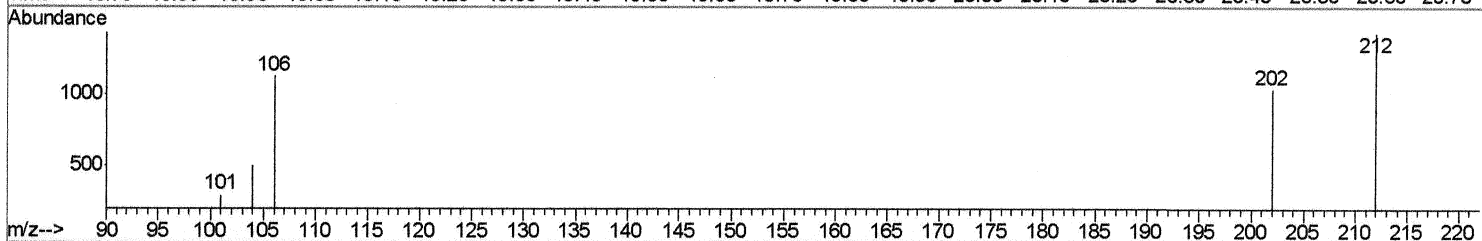
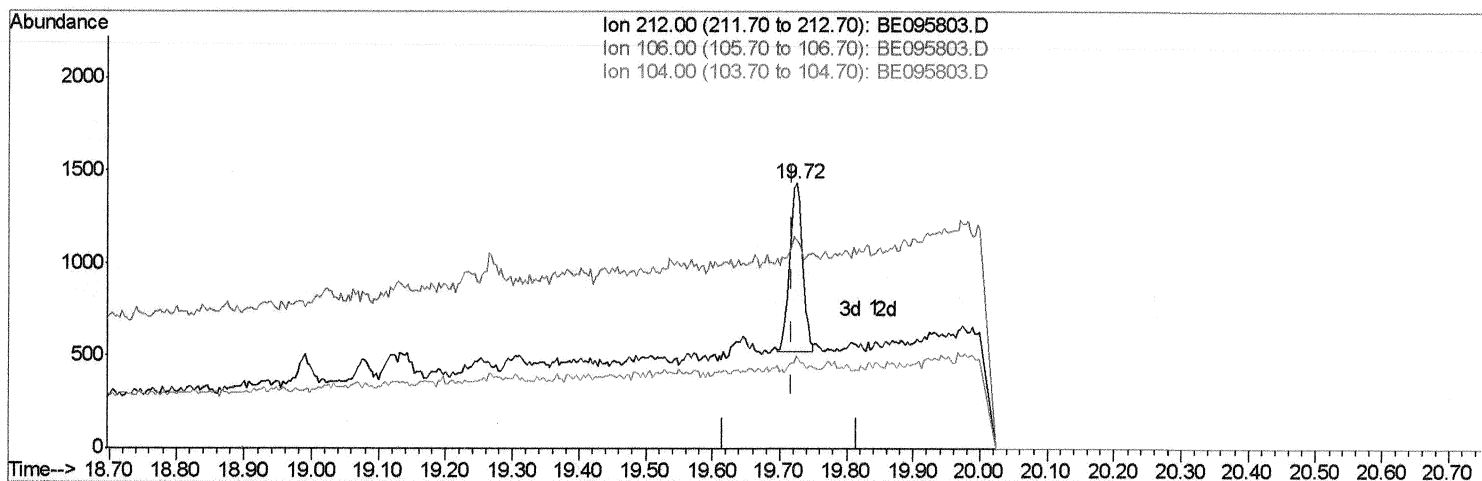
Instrument :

3.M Fri Mar 16 02:05:02 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:04:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(14) Fluoranthene-d10 (SURR)

19.724min (+0.007) 0.06ng/ul m > SJ 3/16/18

response 1232

Ion	Exp%	Act%
212.00	100	100
106.00	1.54	1.54
104.00	1.54	1.54

3/16/2018 12:01:01 PM

Sohil

APPROVED

Manual Integrations

F6F14DL

ClientSampled :

BNA_E

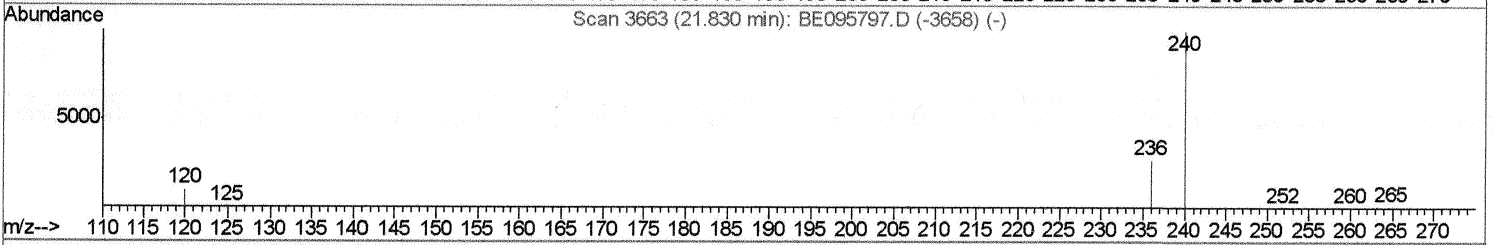
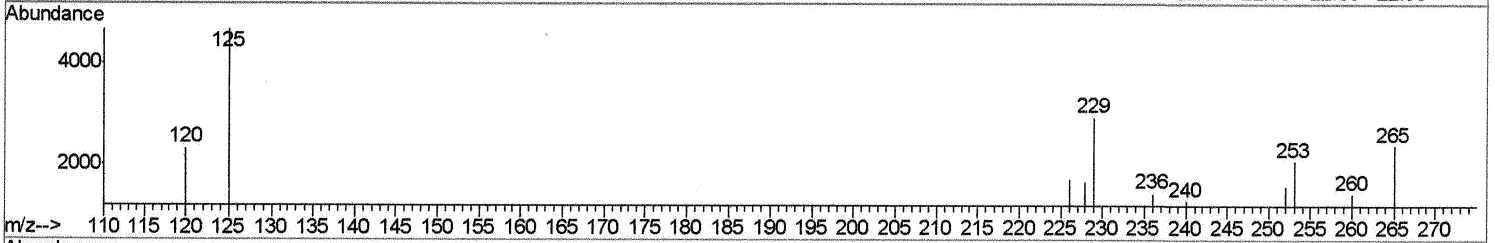
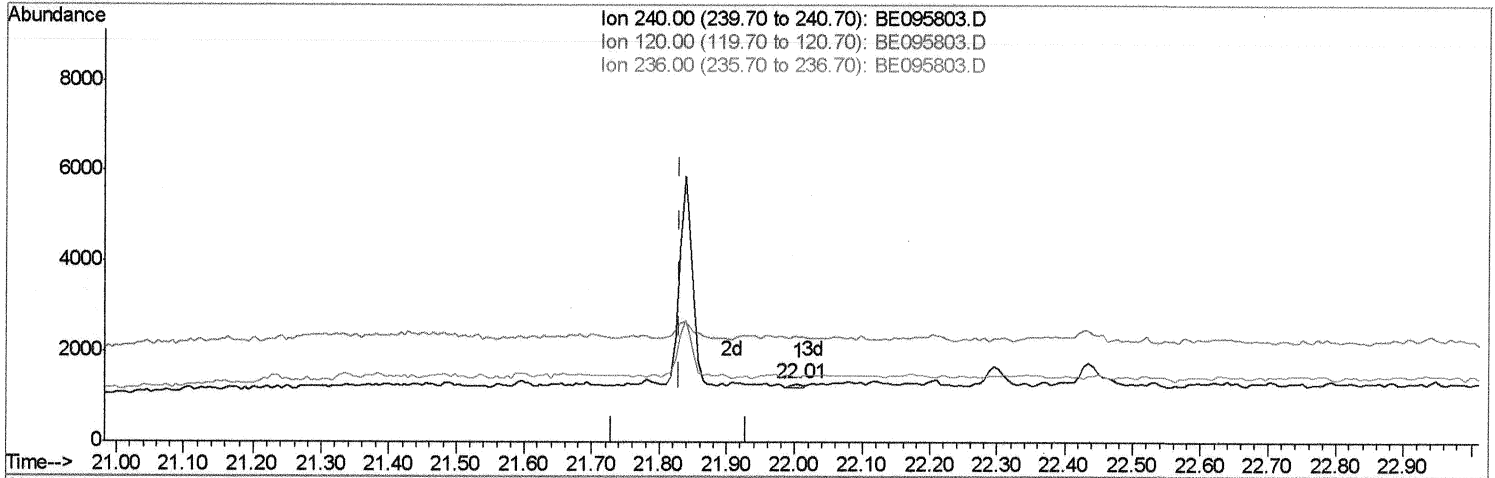
Instrument :

3.M Fri Mar 16 02:05:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:04:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)
 22.006min (+0.176) 0.40ng/ul
 response 114

Ion	Exp%	Act%
240.00	100	100
120.00	100	80.51#
125.00	100	12.31#
236.00	100	00

3/16/2018 12:01:01 PM

Sohil

APPROVED

Manual Integrations

F6F14DL

ClientSampled :

BNA_E

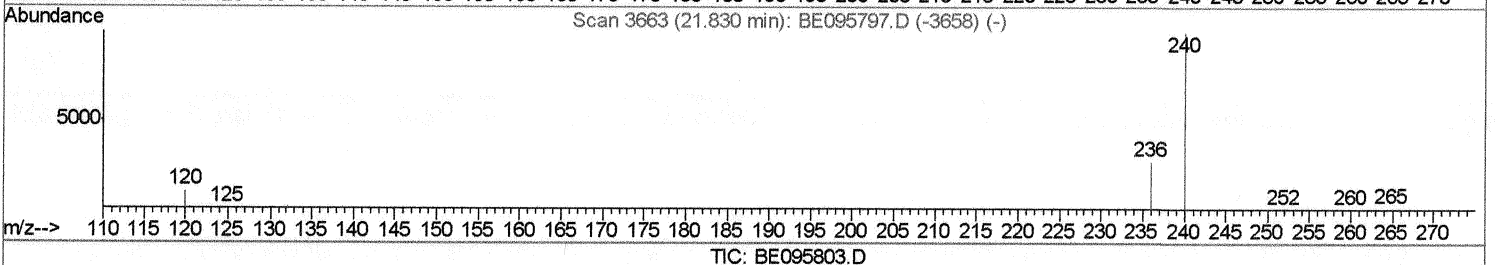
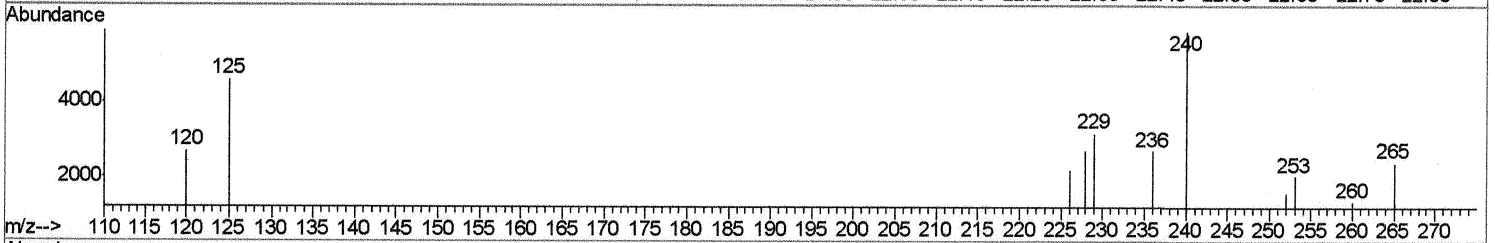
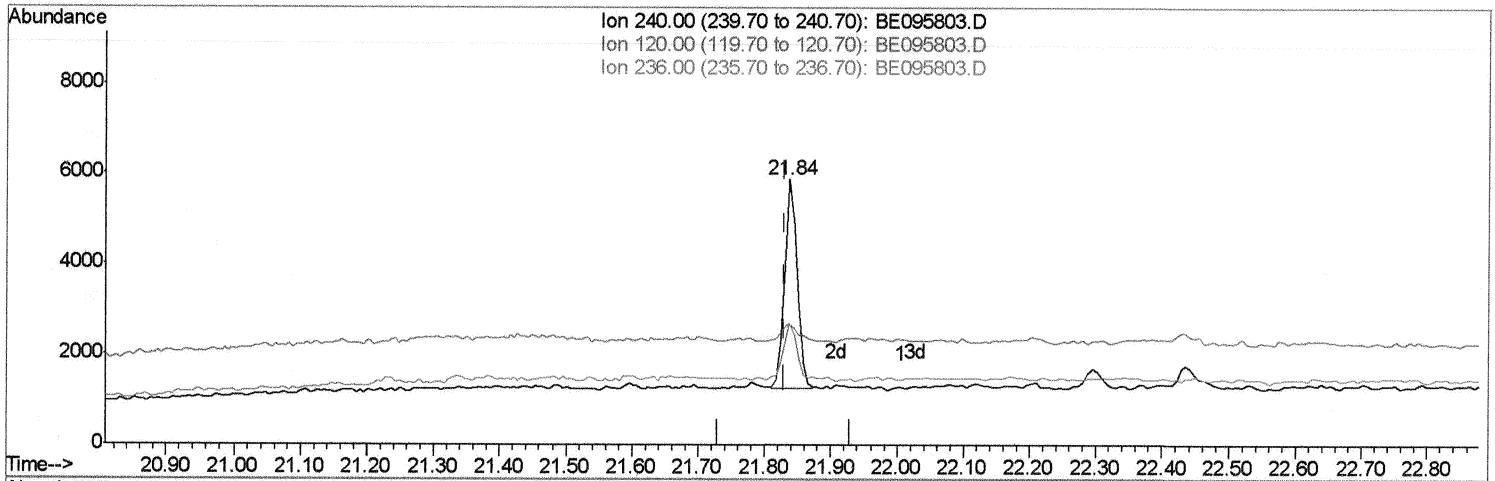
Instrument :

3.M Fri Mar 16 02:05:27 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:04:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.837min (+0.007) 0.40ng/ul m > SJ 3/16/18

response 6349

Ion Exp% Act%

240.00 100 100

3/16/2018 12:01:01 PM 15.61#

Sohil

16.02#

APPROVED

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

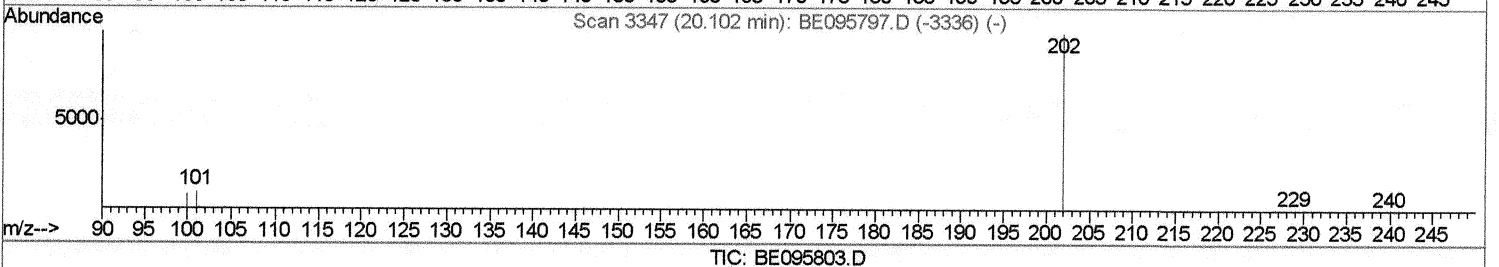
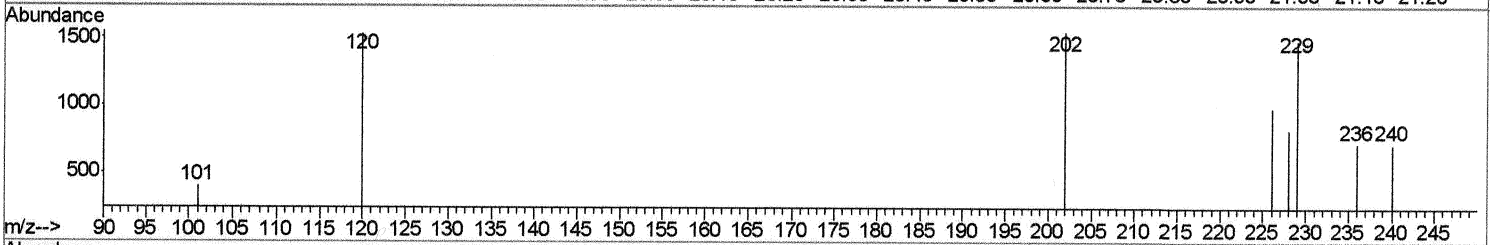
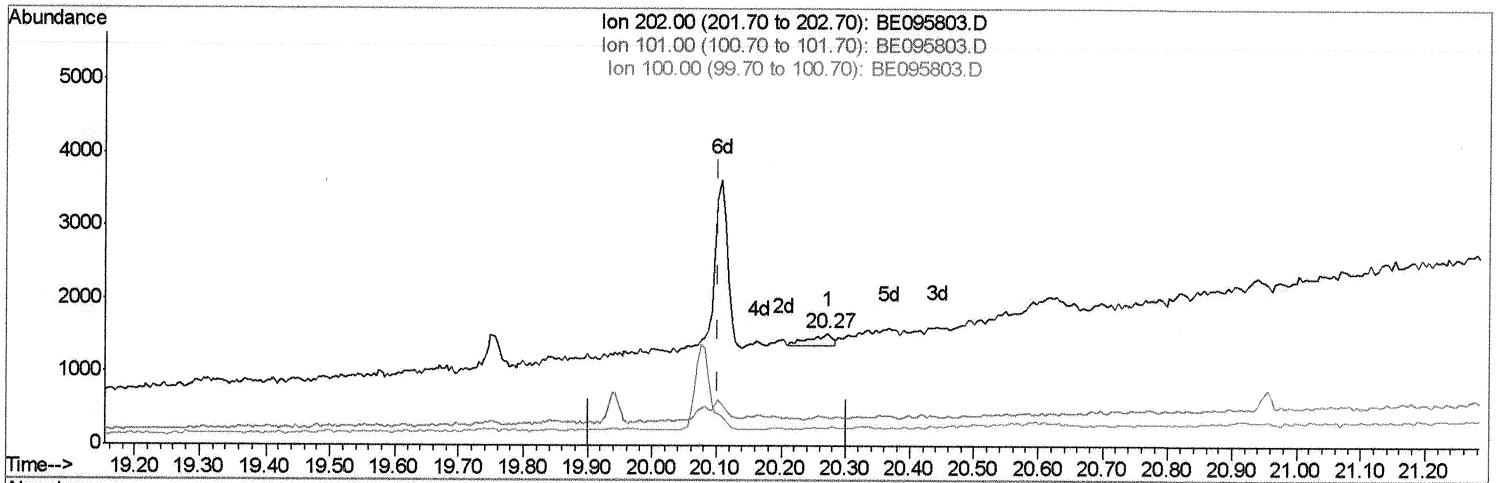
Instrument :

3.M Fri Mar 16 02:05:47 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(17) Pyrene

20.272min (+0.170) 0.02ng/ul

response 409

Ion Exp% Act%

202.00 100 100

3/16/2018 12:01:01 PM 25.94

Sohil

15.82

APPROVED

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

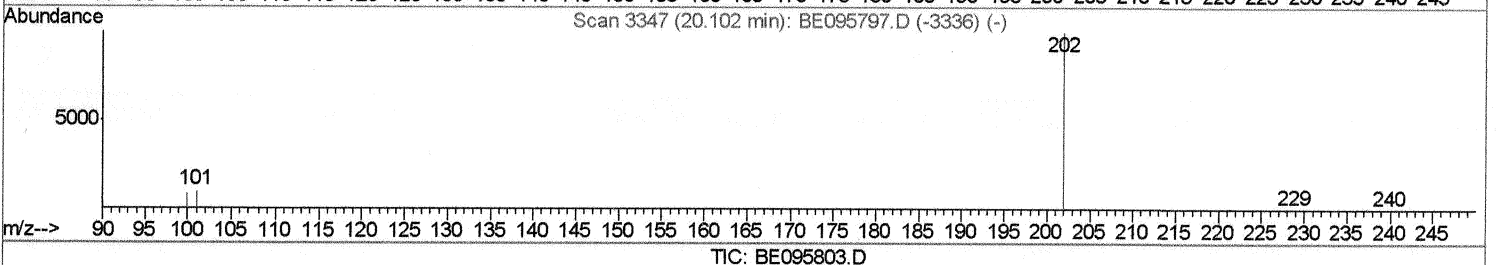
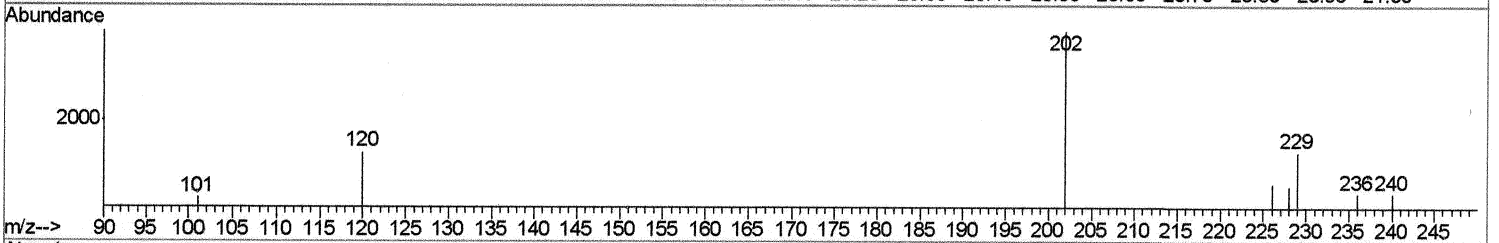
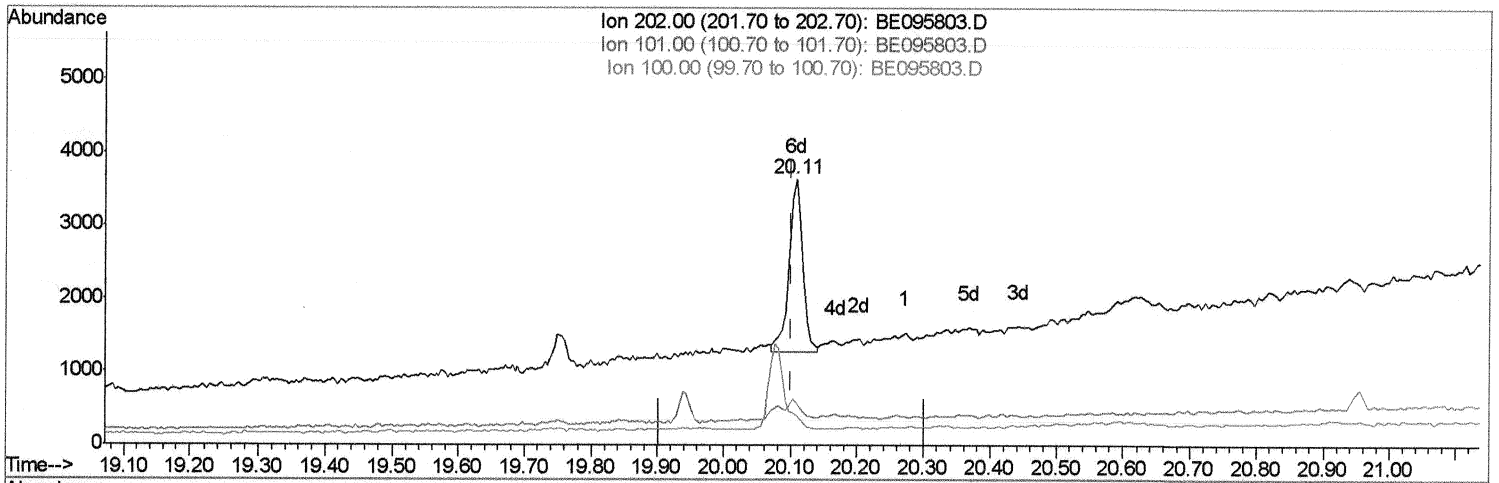
Instrument :

3.M Fri Mar 16 02:06:17 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(17) Pyrene

20.108min (+0.005) 0.14ng/ul m > SJ 3/16/18

response 3283

Ion Exp% Act%

202.00 100 100

16.13#

11.42#

00

3/16/2018 12:01:01 PM

Sohil

APPROVED

Manual Integrations

F6F14DL

ClientSampled :

BNA E

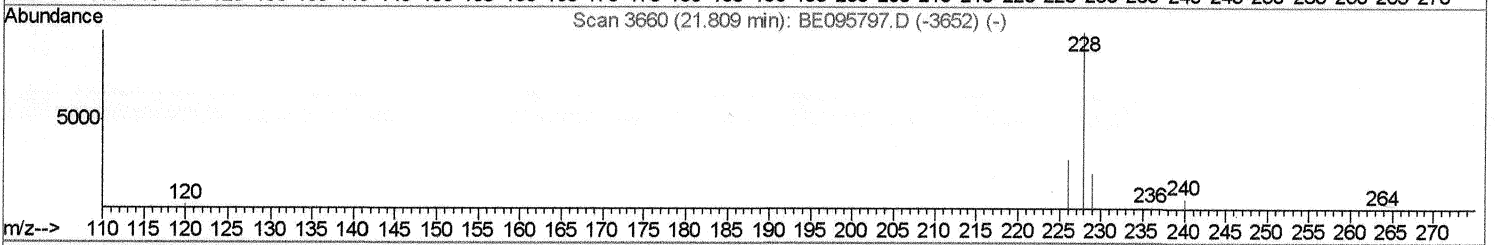
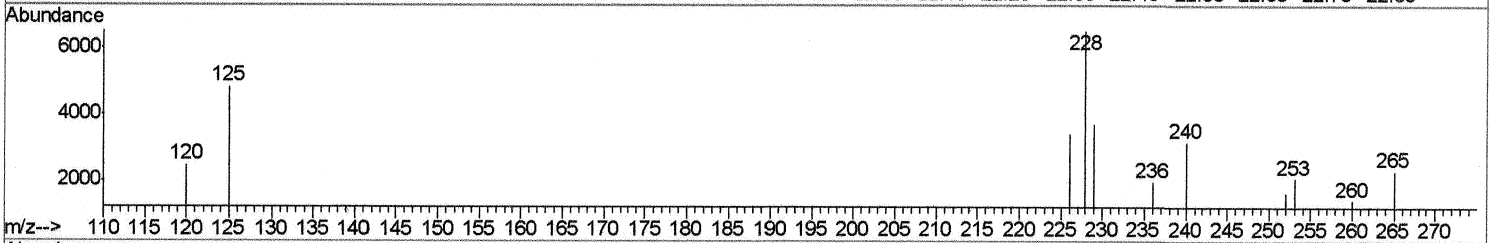
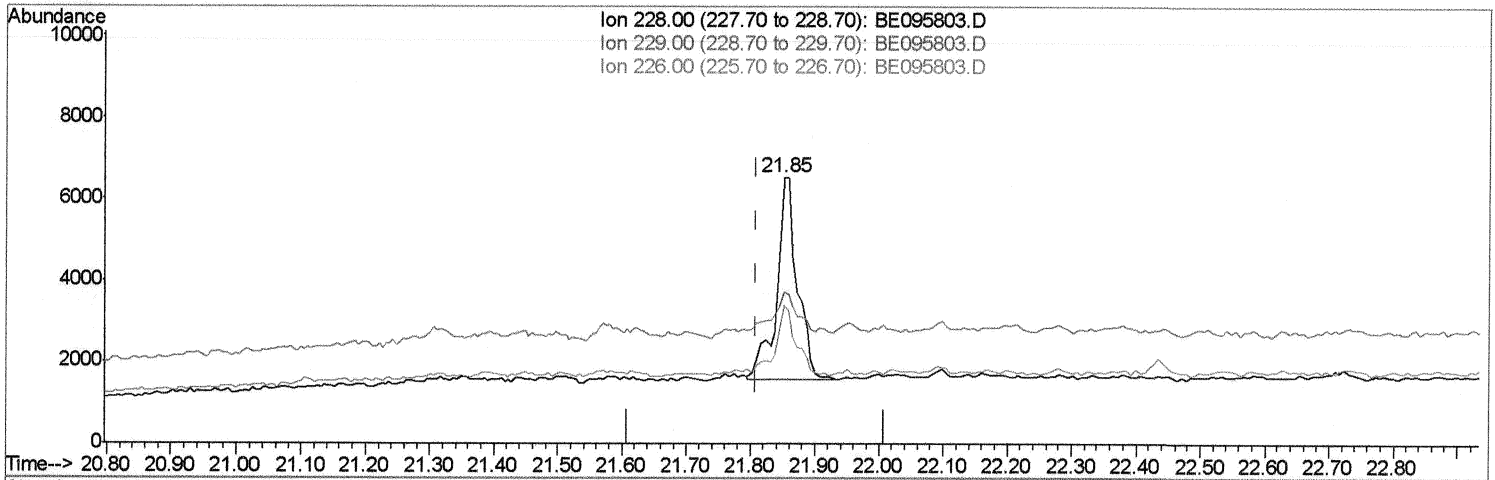
Instrument :

3.M Fri Mar 16 02:06:36 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.851min (+0.042) 0.54ng/ul

response 11108

Ion	Exp%	Act%
228.00	100	100

228.00 100 100

3/16/2018 12:01:01 PM 57.07#

Sohil

APPROVED 52.43#

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

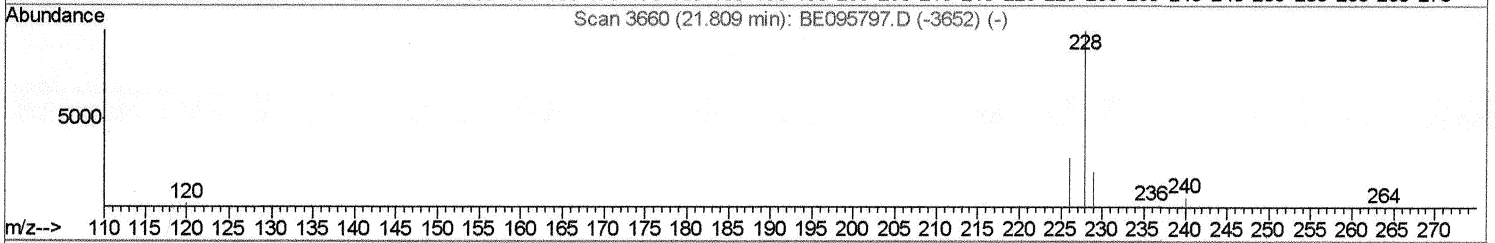
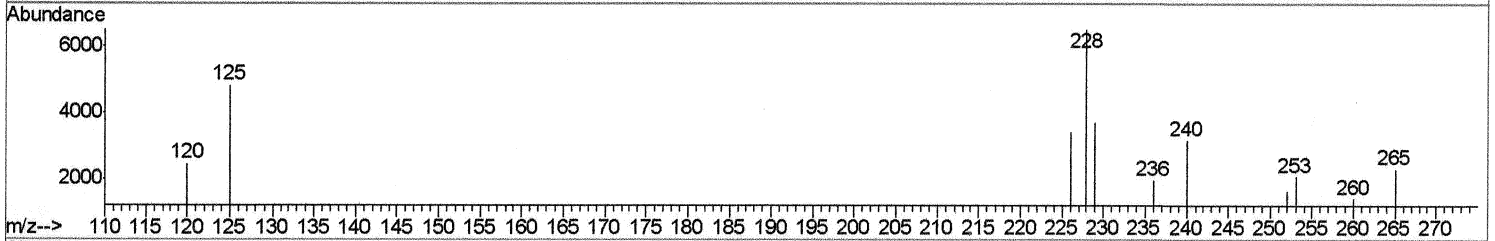
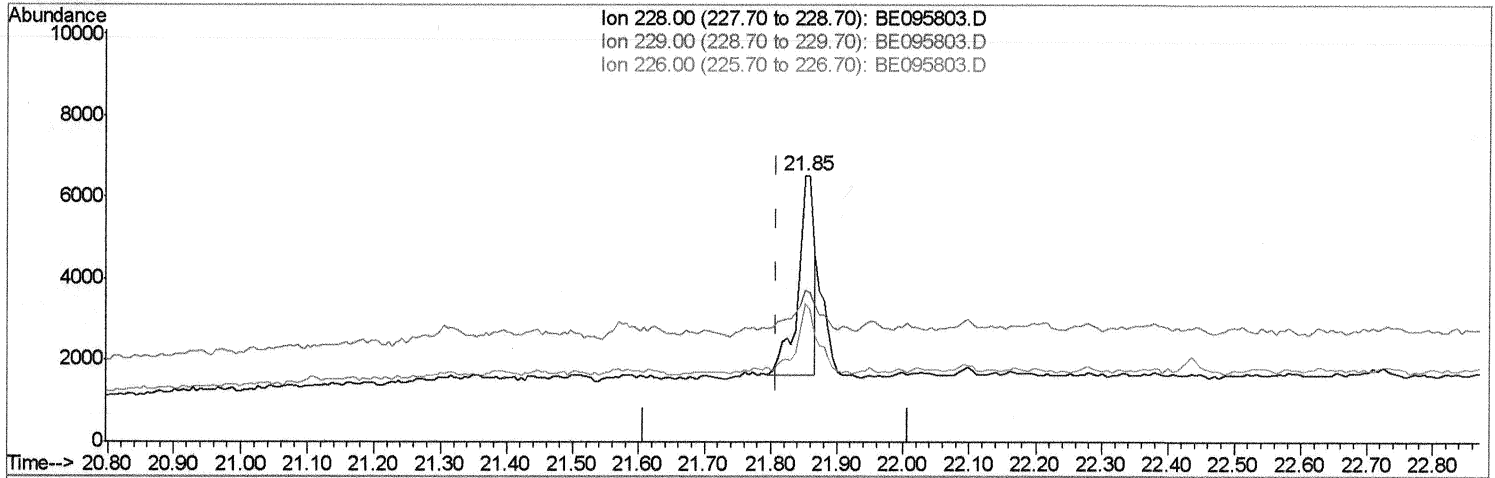
Instrument :

3.M Fri Mar 16 02:06:42 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(18) Benzo(a)anthracene

21.851min (+0.042) 0.40ng/ul m > 52 3/16/18

response 8271

Ion	Exp%	Act%
228.00	100	100
229.00	57.07	52.43
226.00	100	100

3/16/2018 12:01:01 PM

Sohil

APPROVED

Manual Integrations

Client Sampled :
 BNA_E

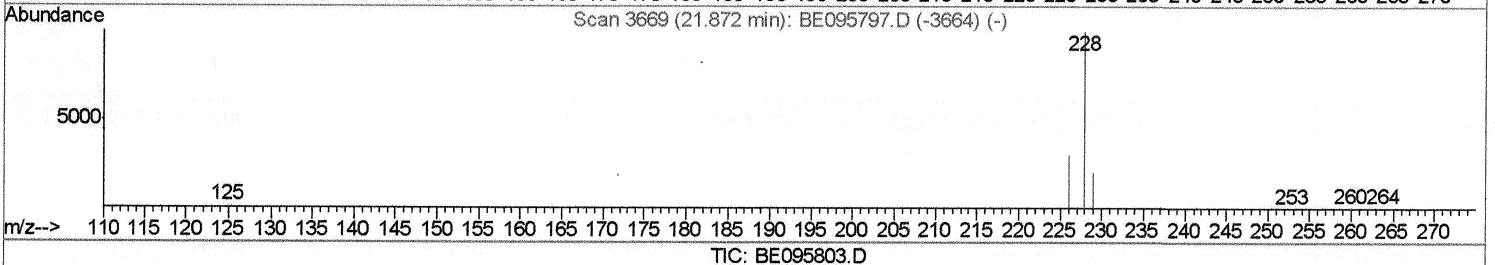
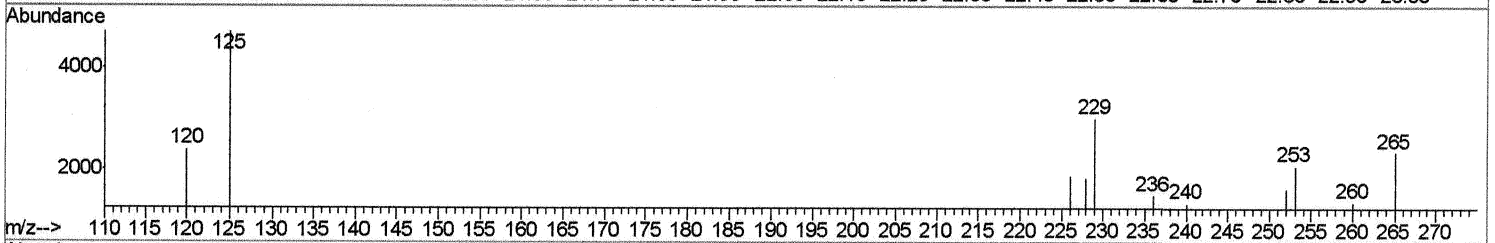
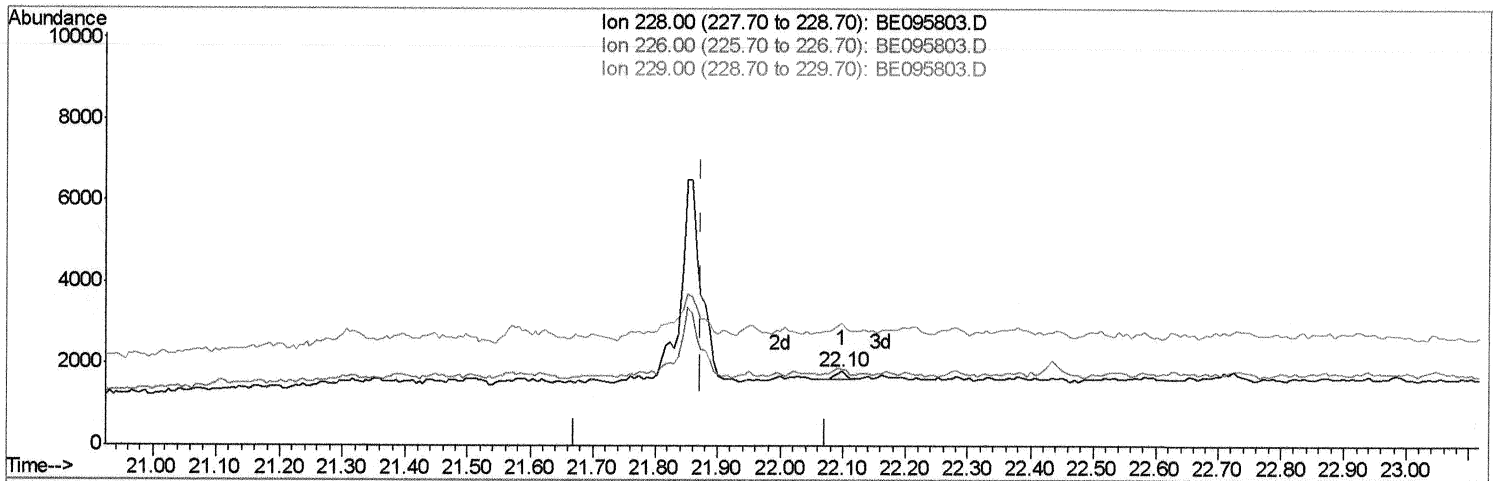
Instrument :

18.M Fri Mar 16 02:06:57 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(19) Chrysene

22.097min (+0.225) 0.01ng/ul

response 298

Ion Exp% Act%

228.00 100 100

3/16/2018 12:01:01 PM 02.95#

Sohil

APPROVED 64.14#

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

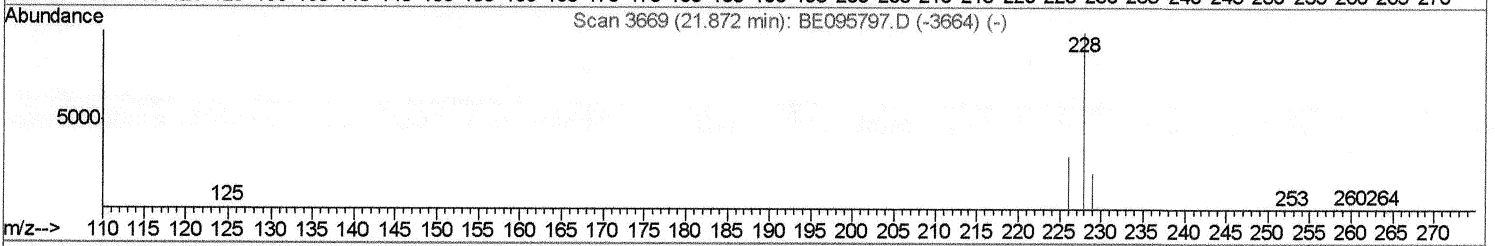
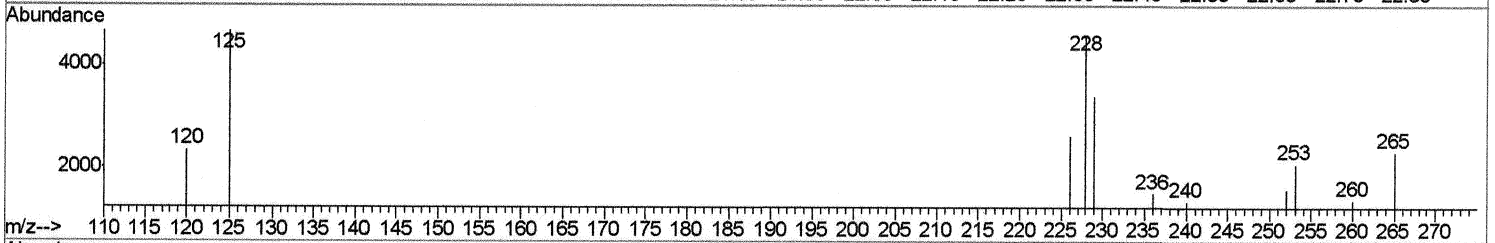
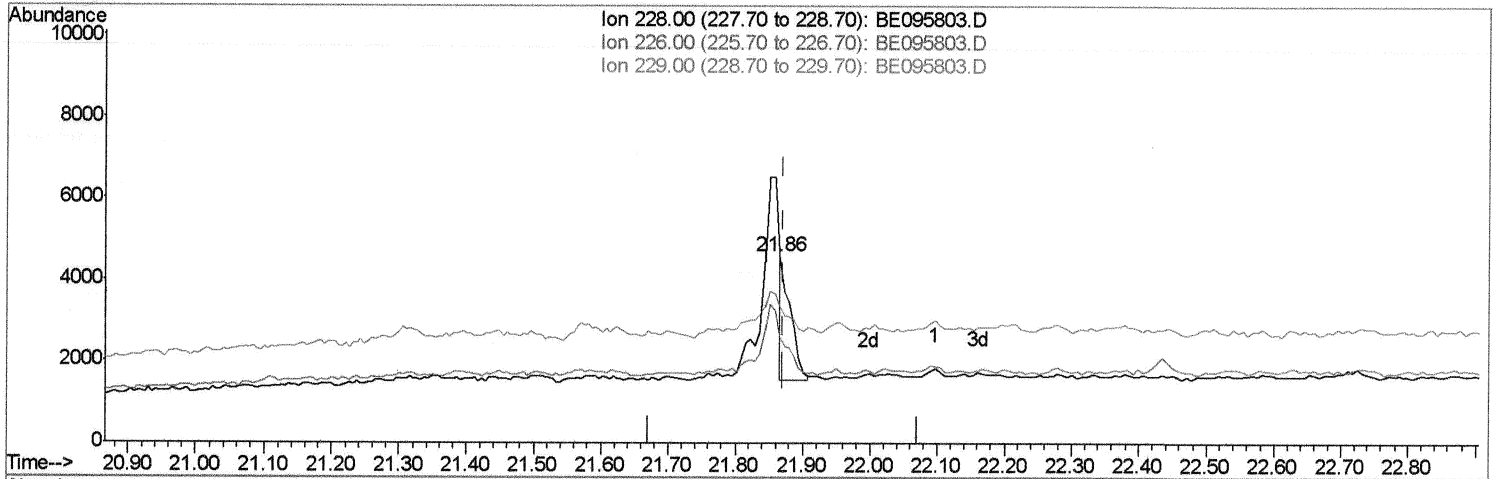
Instrument :

3.M Fri Mar 16 02:07:00 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(19) Chrysene

21.865min (-0.007) 0.13ng/ul m *52 3116118*

response 2658

Ion	Exp%	Act%
228.00	100	100

#07.30#

Sohil

#74.10#

APPROVED

#00

F6F14DL

ClientSampled :

BNA_E

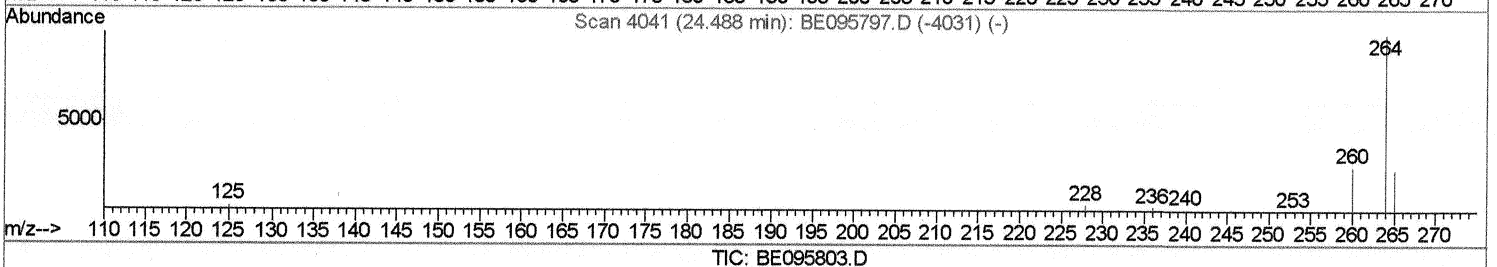
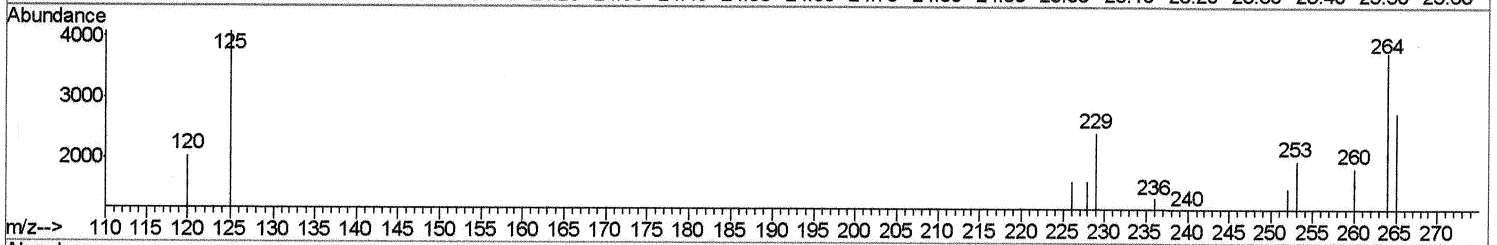
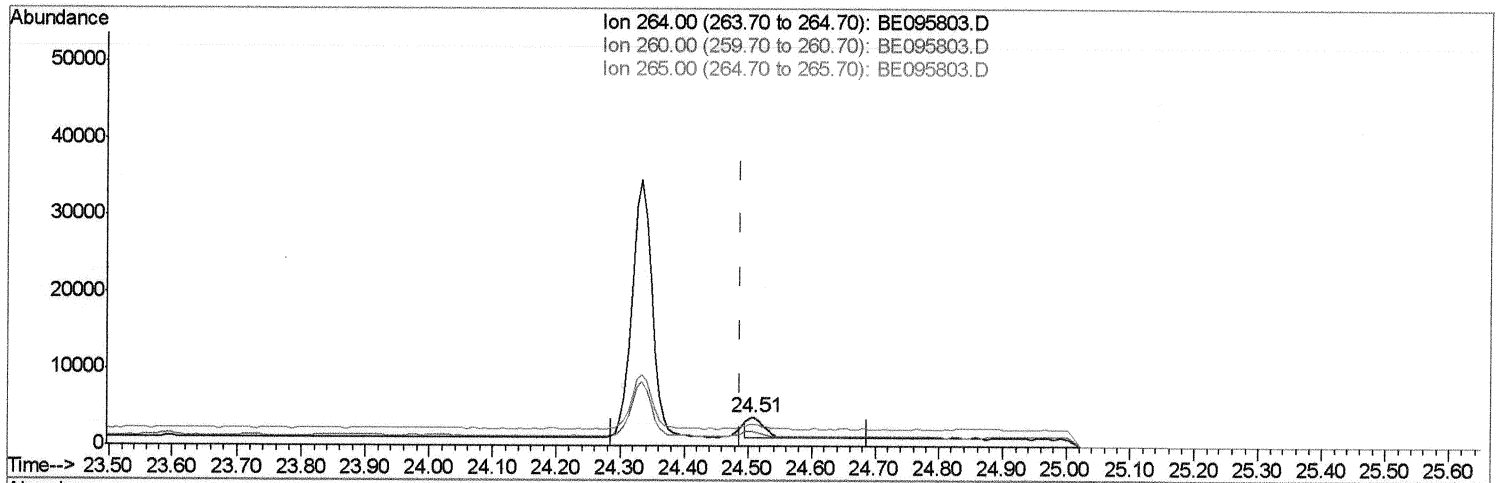
Instrument :

8.M Fri Mar 16 02:07:12 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



TIC: BE095803.D

(20) Perylene-d12 (I)

24.509min (+0.021) 0.40ng/ul

response 4786

Ion Exp% Act%

264.00 100 100

3/16/2018 12:01:01 PM 89.39#

Sohil

73.70#

Manual Integrations 00

F6F14DL

ClientSampled :

BNA_E

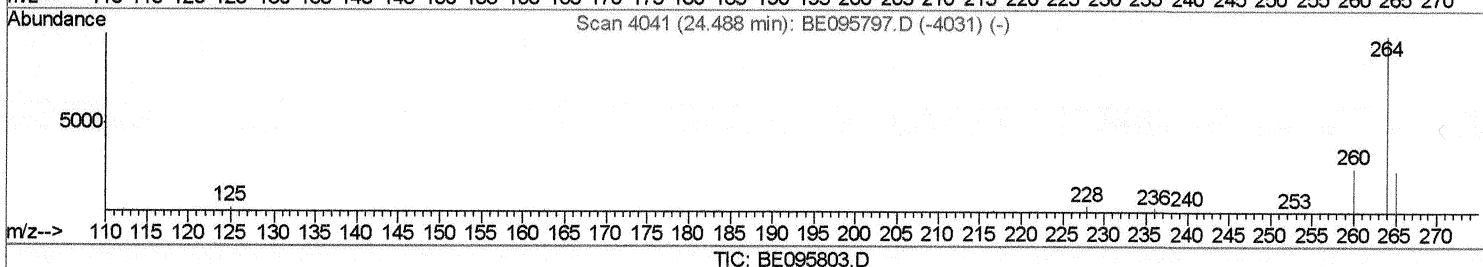
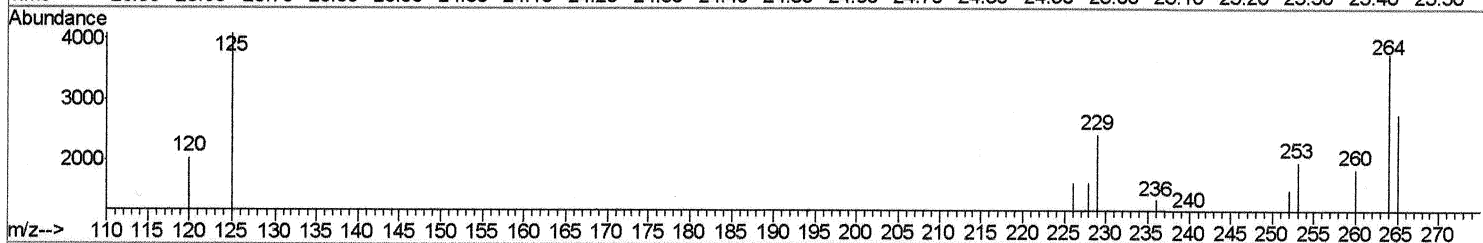
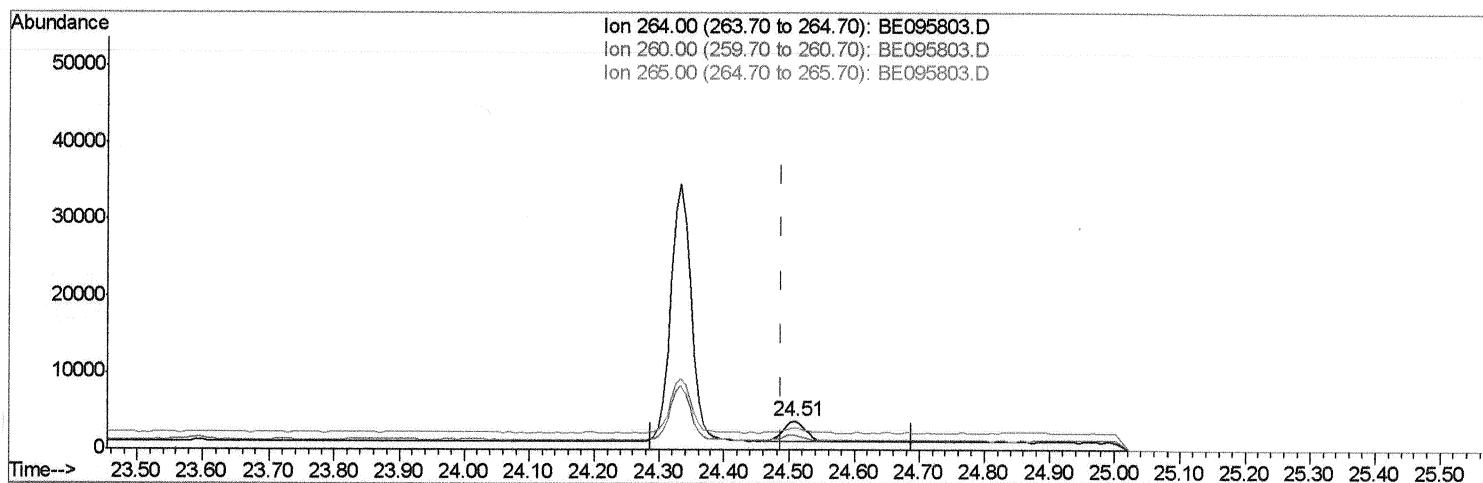
Instrument :

5.M Fri Mar 16 02:07:17 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:05:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.509min (+0.021) 0.40ng/ul m > SJ 3/16/18

response 6282

Ion Exp% Act%

264.00 100 100

3/16/2018 12:01:01 PM 49.39#

Sohil

73.70#

APPROVED

Manual Integrations

F6F14DL

ClientSampled :

BNA_E

Instrument :

8.M Fri Mar 16 02:07:35 2018

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095803.D
 Acq On : 15 Mar 2018 14:49
 Operator : SJ/JU
 Sample : J1835-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 02:08:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1987	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5679	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3322	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	6348m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	6349m	0.40	ng/ul	0.00
20) Perylene-d12	24.51	264	6282m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	559	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1232m	0.06	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.33	128	1421	0.090	ng/ul#	84
5) 2-Methylnaphthalene	12.90	142	1647	0.149	ng/ul	99
12) Phenanthrene	17.79	178	4063m	0.214	ng/ul	
17) Pyrene	20.11	202	3283m	0.136	ng/ul	
18) Benzo(a)anthracene	21.85	228	8271m	0.404	ng/ul	
19) Chrysene	21.86	228	2658m	0.127	ng/ul	

SJ 3/16/18
 SJ 3/16/18
 SJ 3/16/18

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

Manual Integrations
 APPROVED
 Sohll
 3/16/2018 12:01:01 PM

Instrument : BNA_E
 Client Sample : F6F14DL
 SOM-EPA-SIM-BE031318.M Fri Mar 16 02:08:27 2018