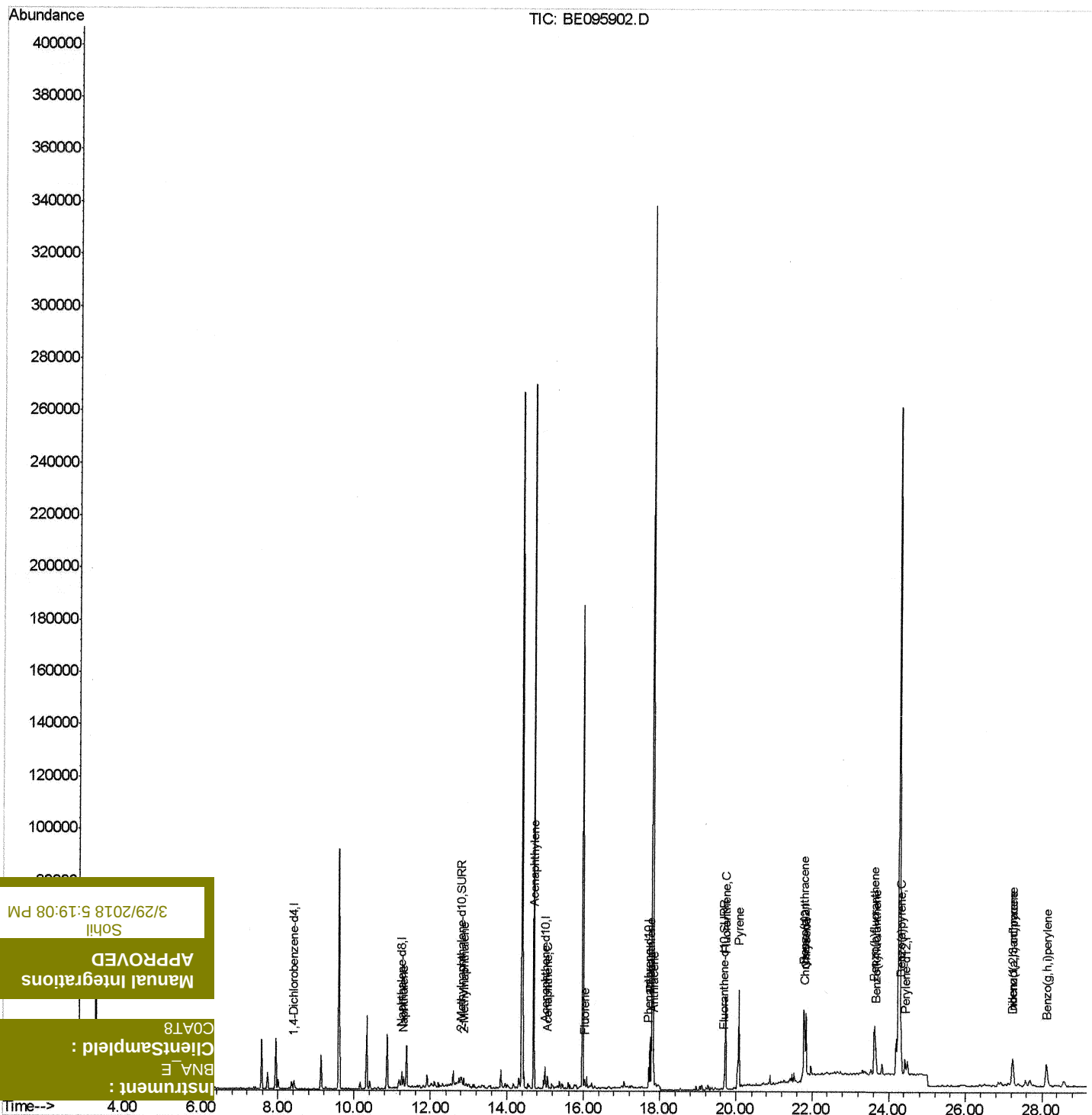


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

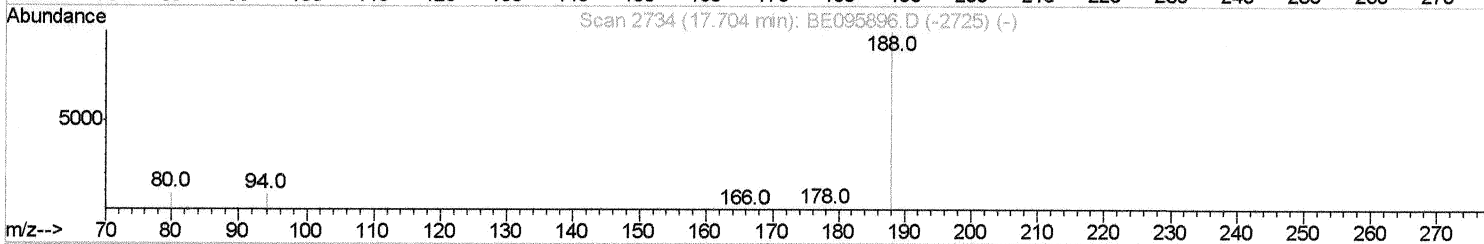
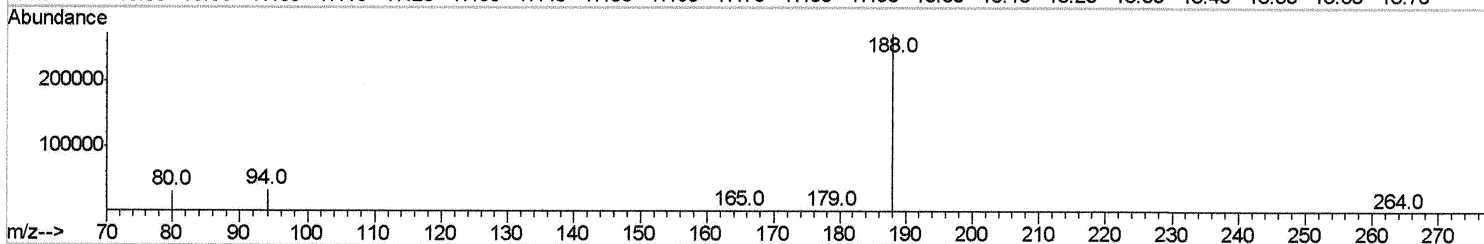
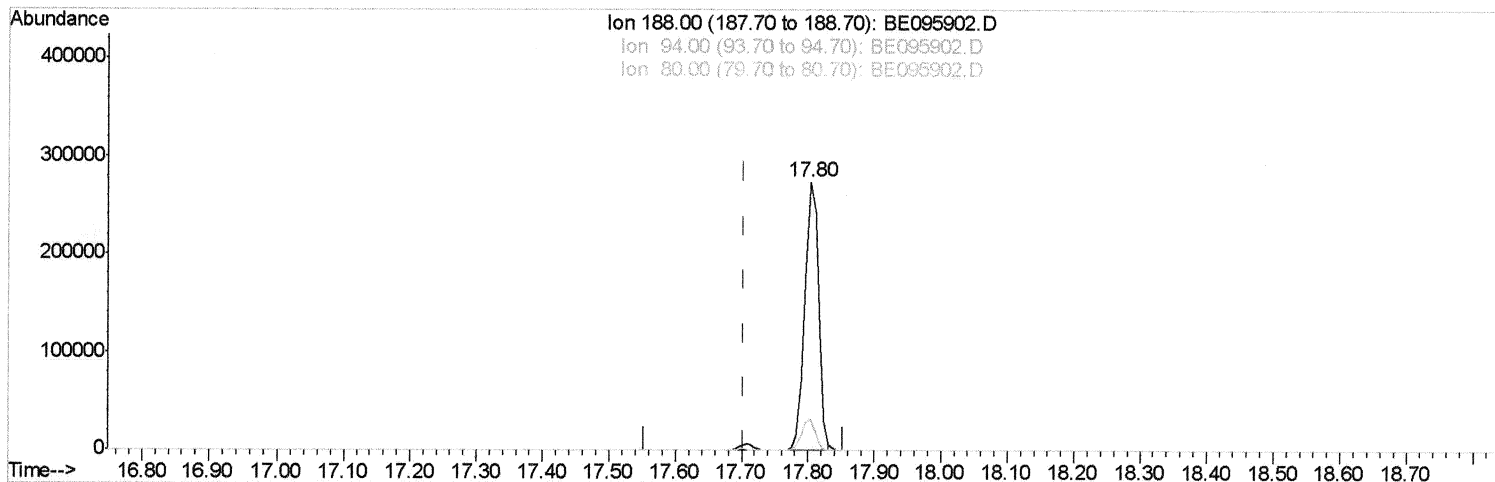
Quant Time: Mar 29 07:55:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 07:00:13 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:01:48 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(10) Phenanthrene-d10 (I)

17.803min (+0.099) 0.40ng/ul

response 393698

3/29/2018 5:19:08 PM
 Sohll

Manual Integrations
 APPROVED

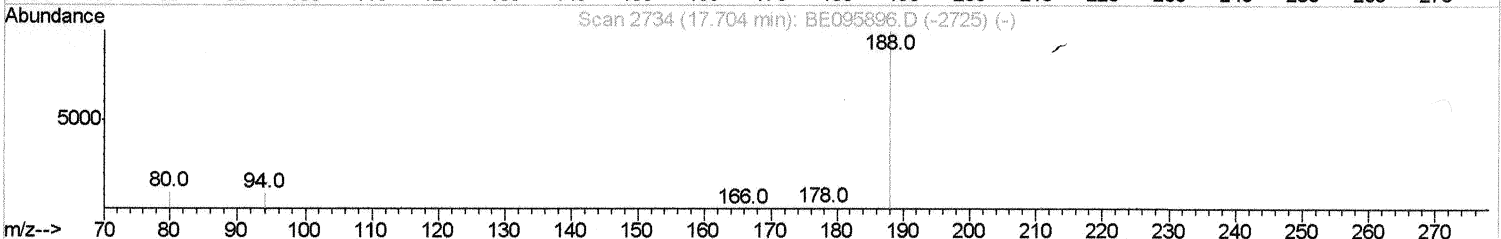
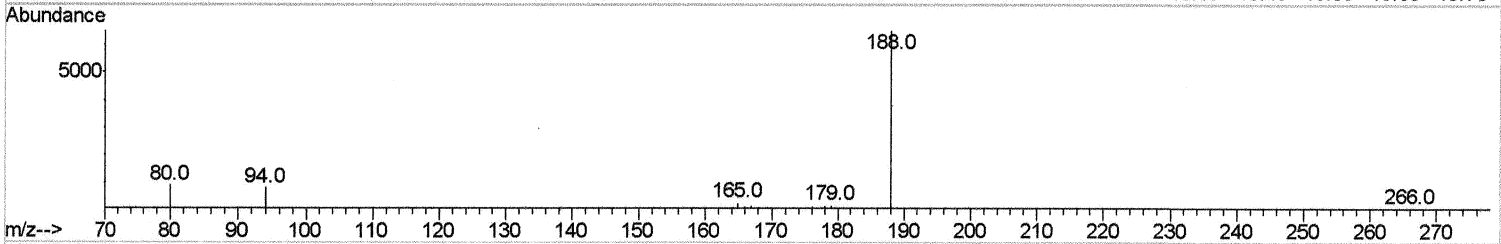
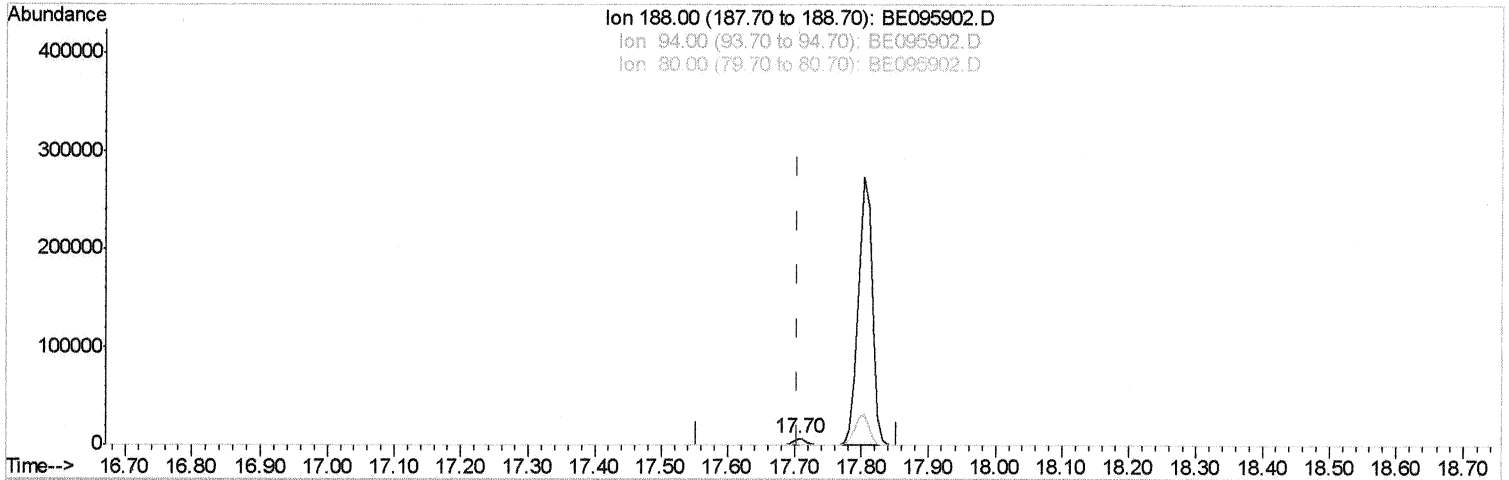
11.33 11.80 11.88

ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:01:48 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(10) Phenanthrene-d10 (I)

17.704min (+0.000) 0.40ng/ul m

response 9336

10 3/30/18

3/29/2018 5:19:08 PM

Sohil

APPROVED

Manual Integrations

13.70

08.11

00.00

ClientSampled :

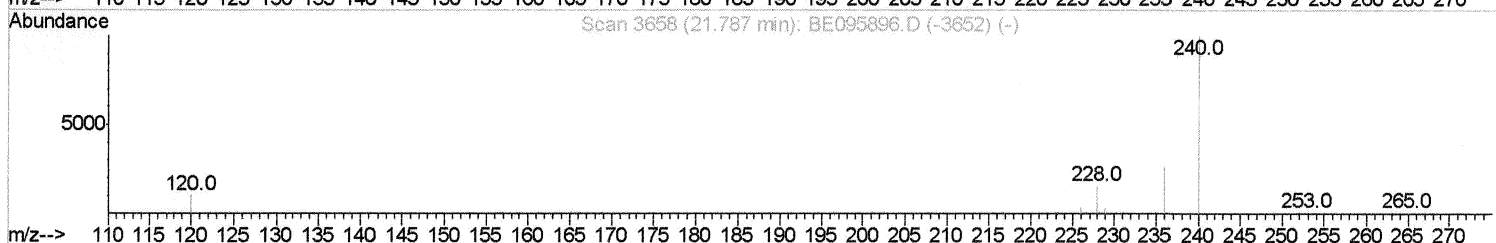
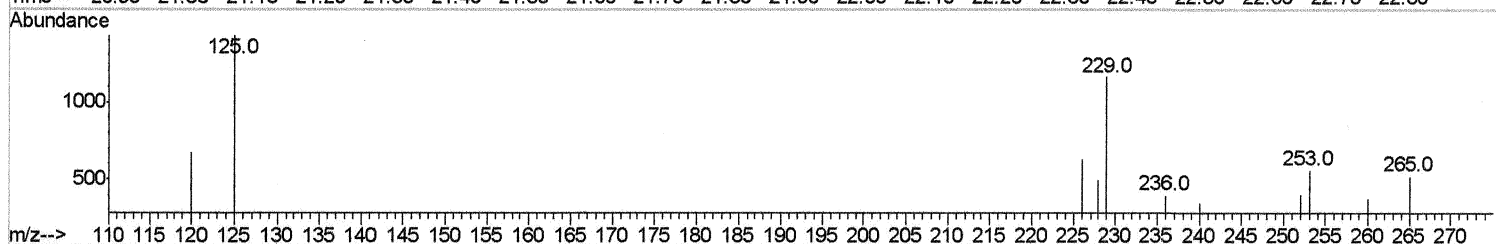
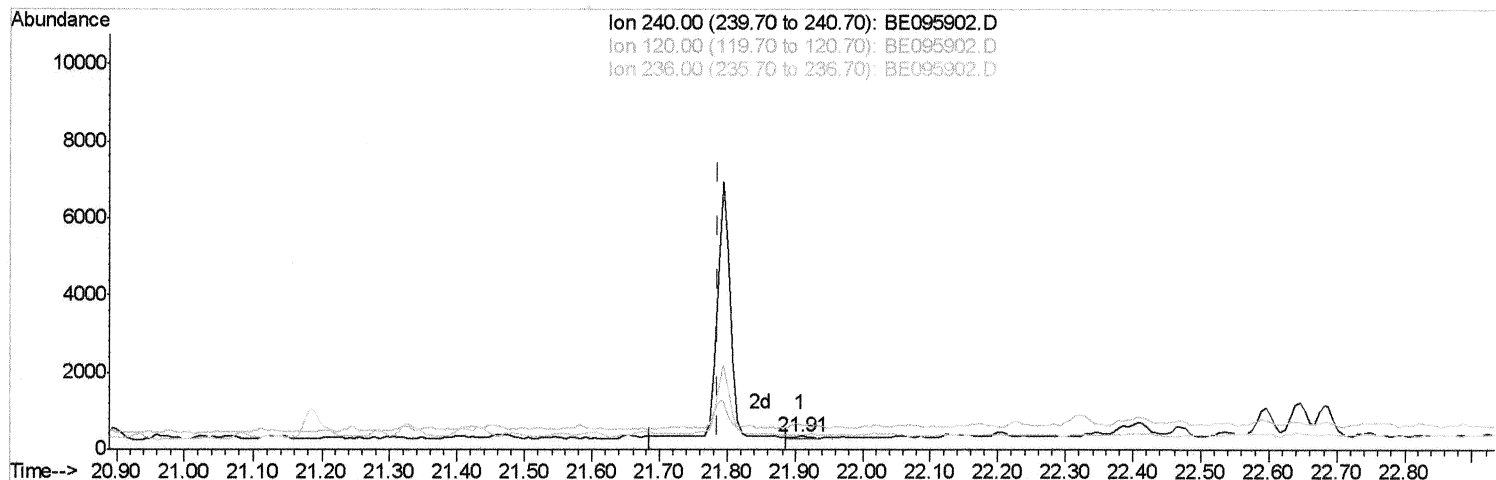
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:01:48 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(16) Chrysene-d12 (I)

21.907min (+0.119) 0.40ng/ul

response 84

3/29/2018 5:19:08 PM

SoH

APPROVED

Manual Integrations

236.00 34.90 114.66#

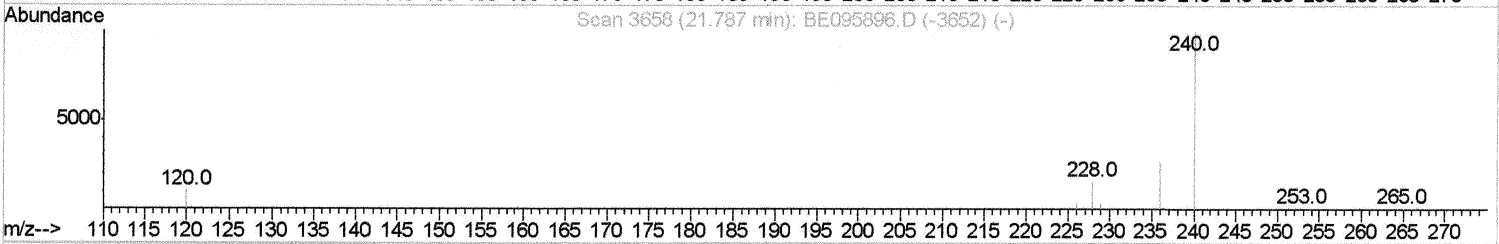
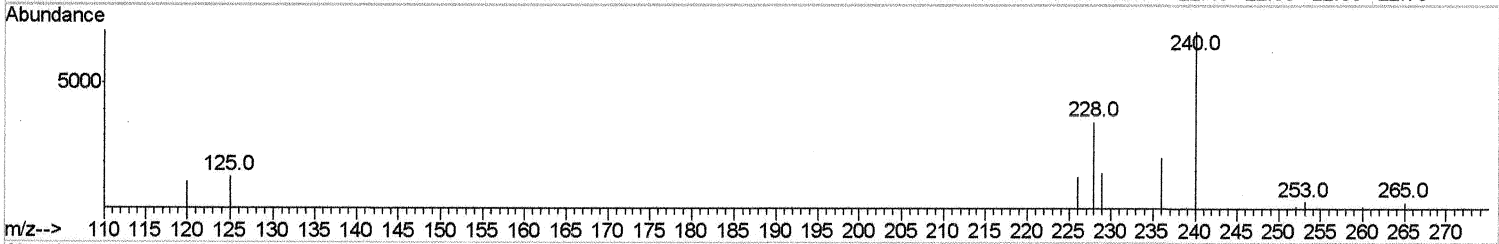
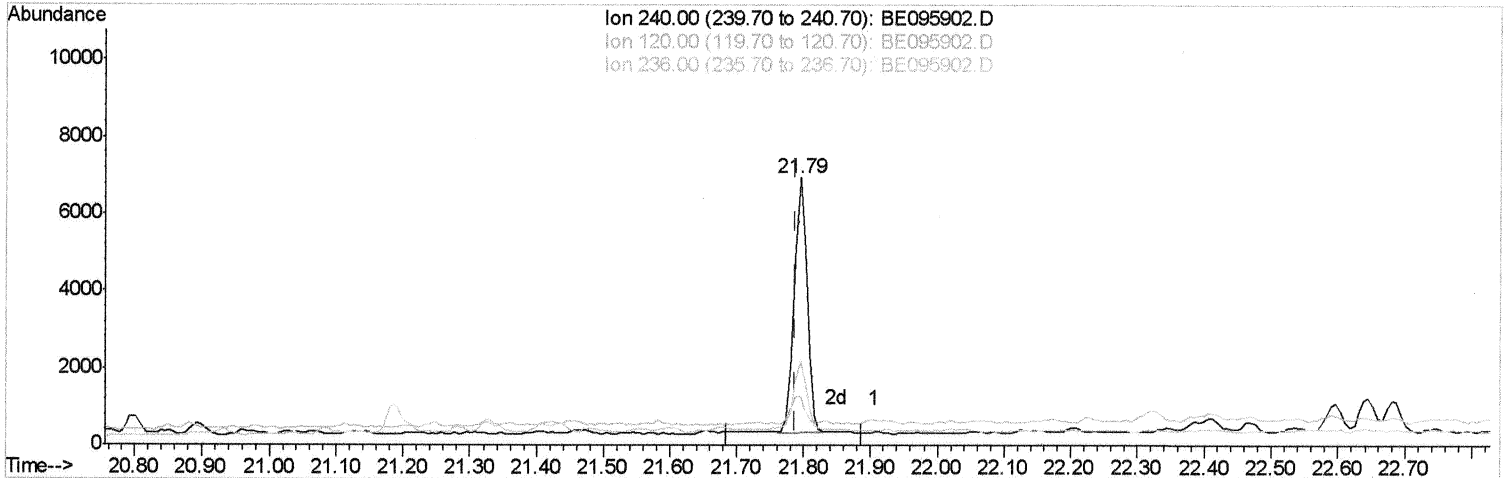
ClientSampled : BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:01:48 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(16) Chrysene-d12 (I)

21.794min (+0.007) 0.40ng/ul m

response 8776

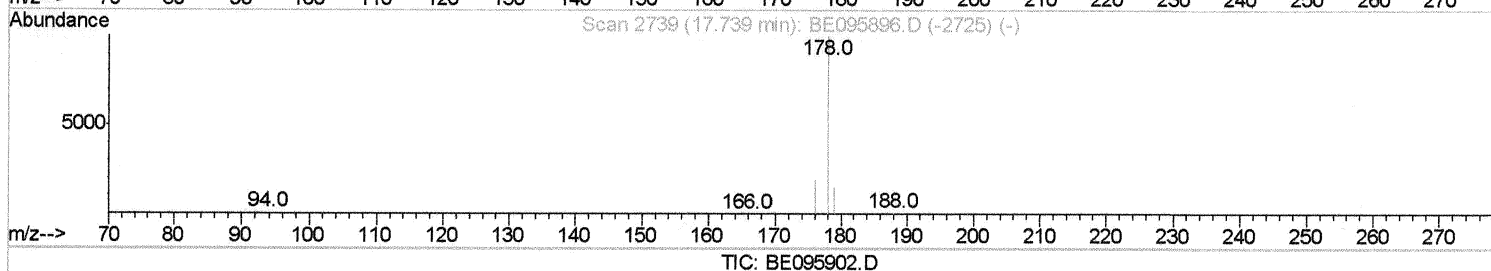
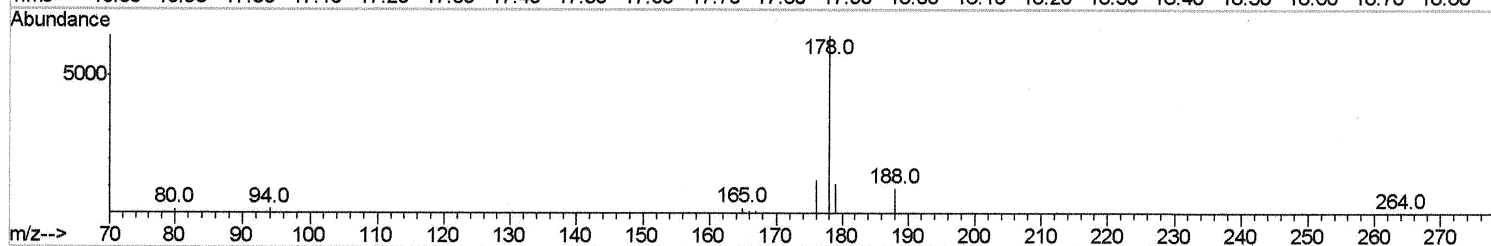
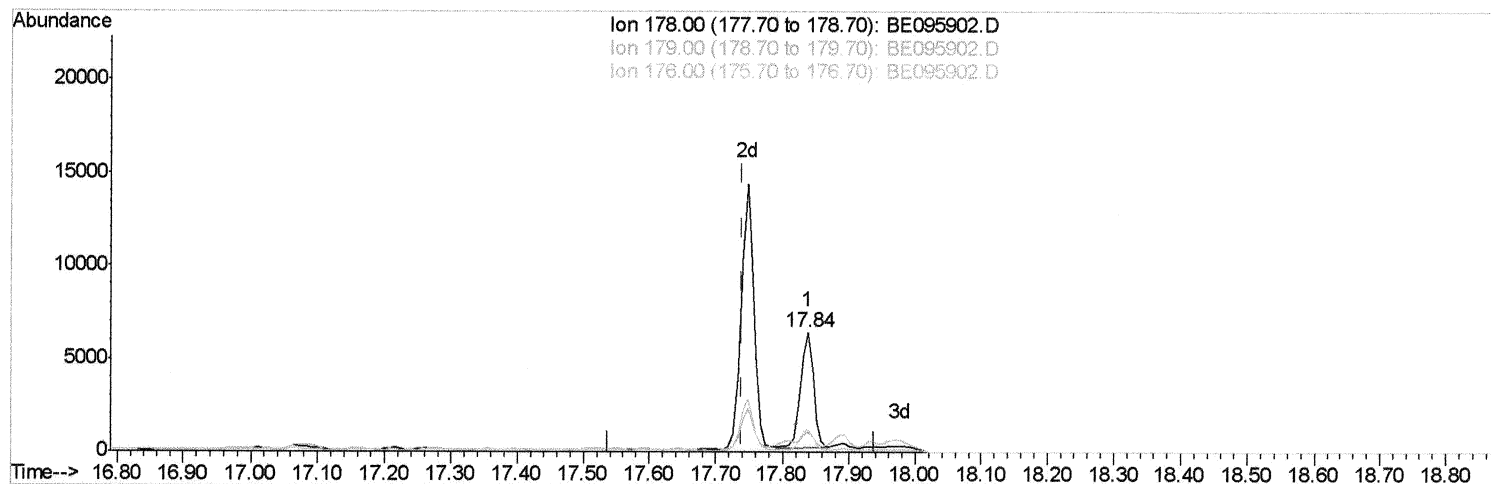
10 3/30/18

3/29/2018 5:19:08 PM
 Manual Integrations
 APPROVED
 8.34
 31.45
 34.90
 236.00

Client Sampled :
 BNA_E
 Instrument :

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095902.D
Acq On : 29 Mar 2018 6:15
Operator : SJ/JU
Sample : J2060-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
Response via : Initial Calibration



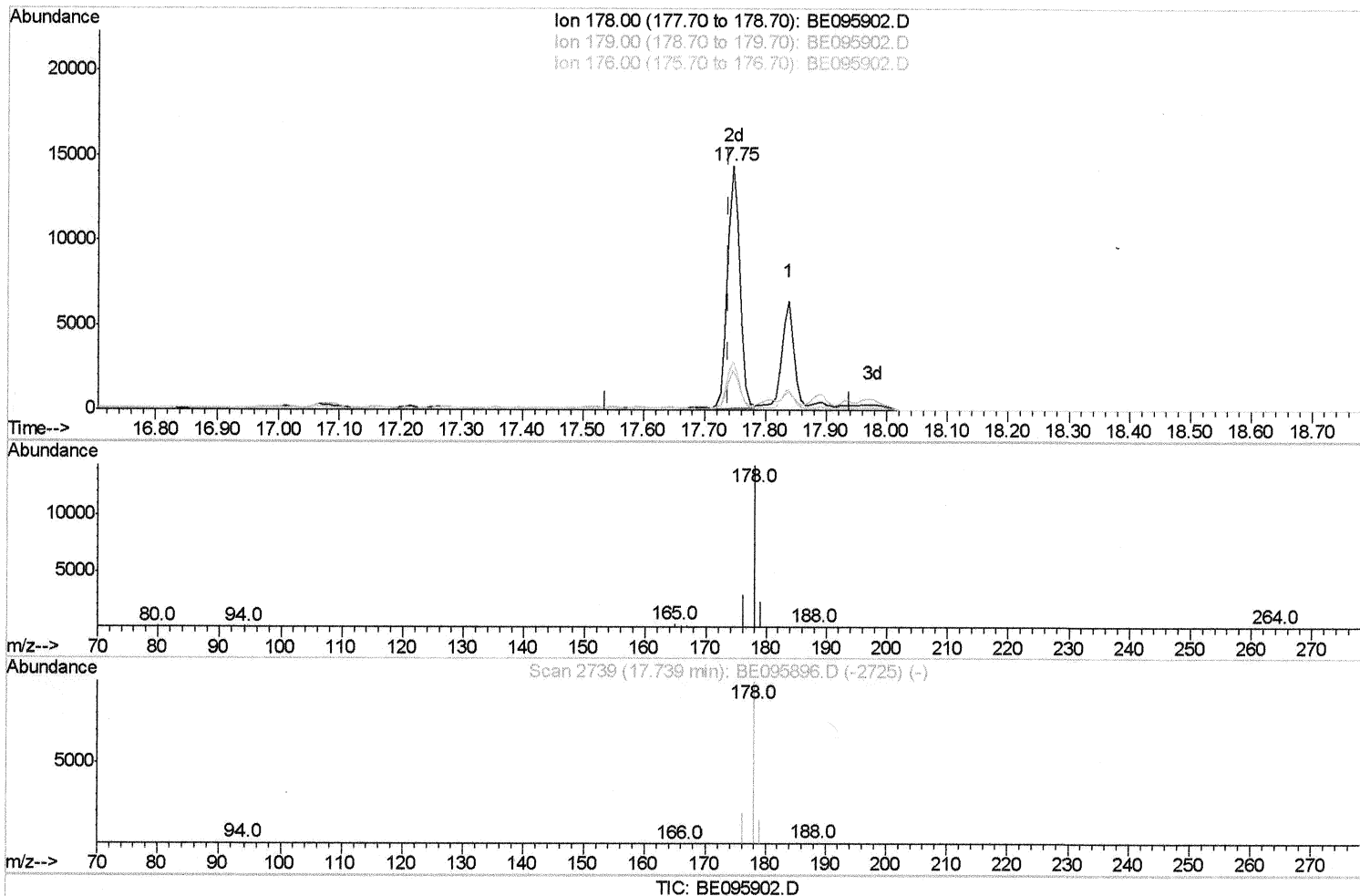
(12) Phenanthrene
17.838min (+0.099) 0.30ng/ul
response 8445

Instrument :	Client:Sampled :	COAT8	00
9.653	00.71	00.974	Manual Integrations
7.44#	APPROVED	Sohil	3/29/2018 5:19:08 PM
00			
%			

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



(12) Phenanthrene
 17.746min (+0.008) 0.72ng/ul m
 response 20053

JU 3/30/18

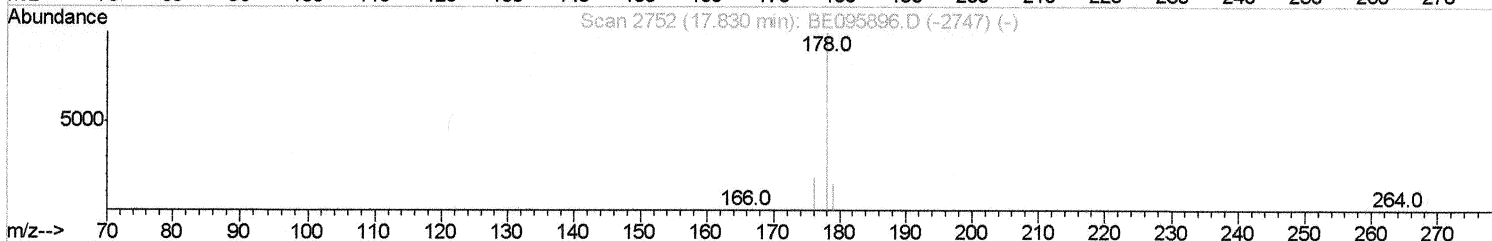
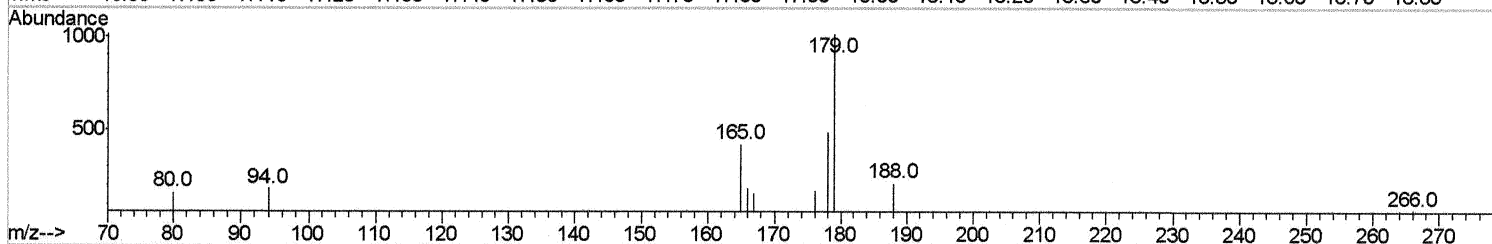
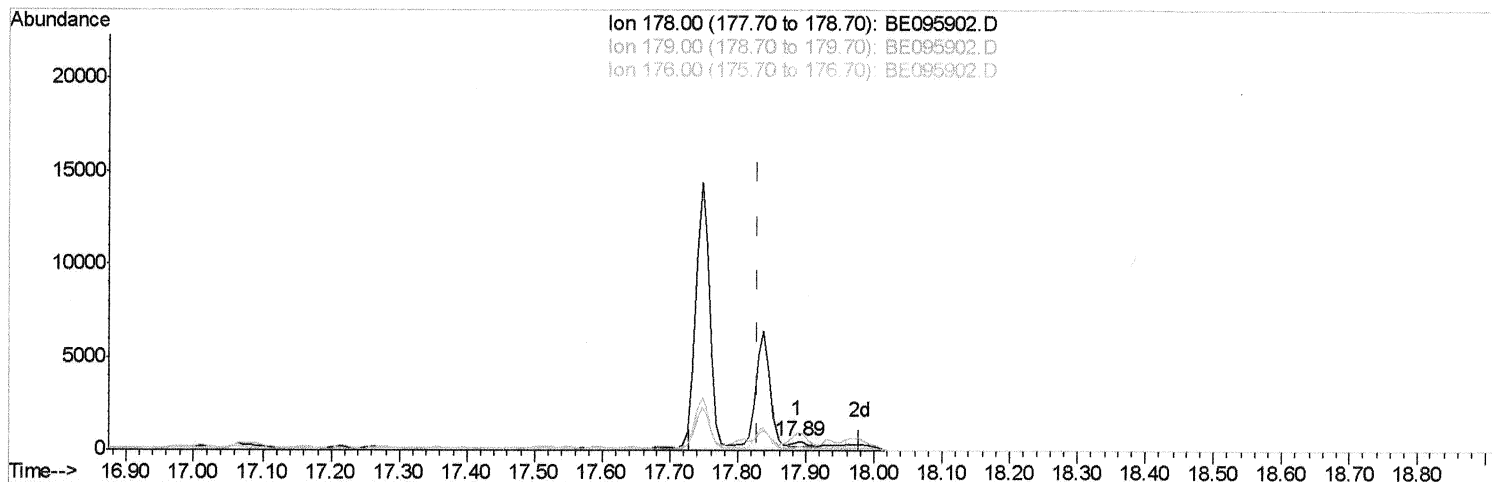
3/29/2018 5:19:08 PM
 Manual Integrations
 APPROVED
 6.31#

ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(13) Anthracene
 17.887min (+0.057) 0.01ng/ul
 response 382

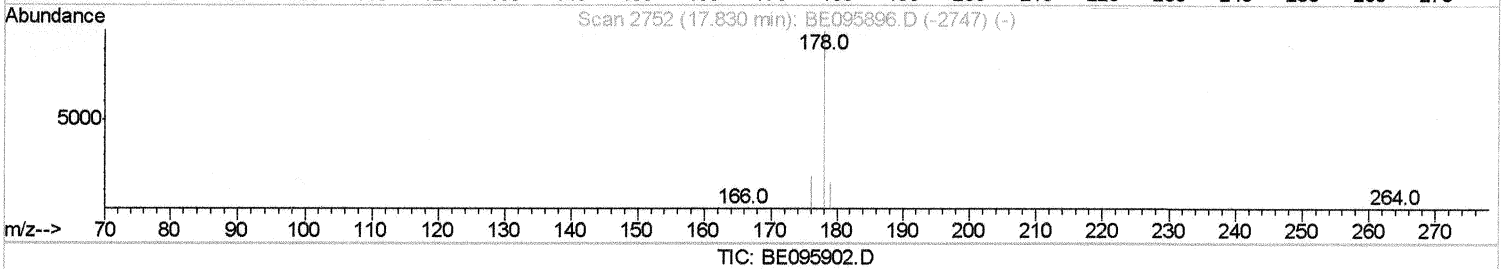
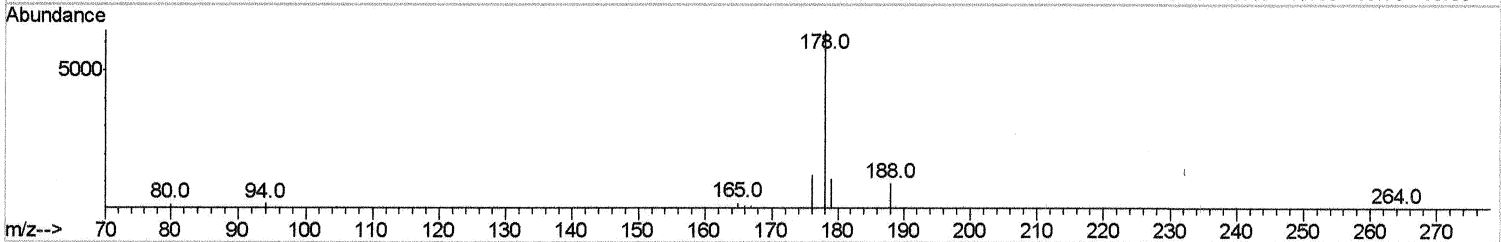
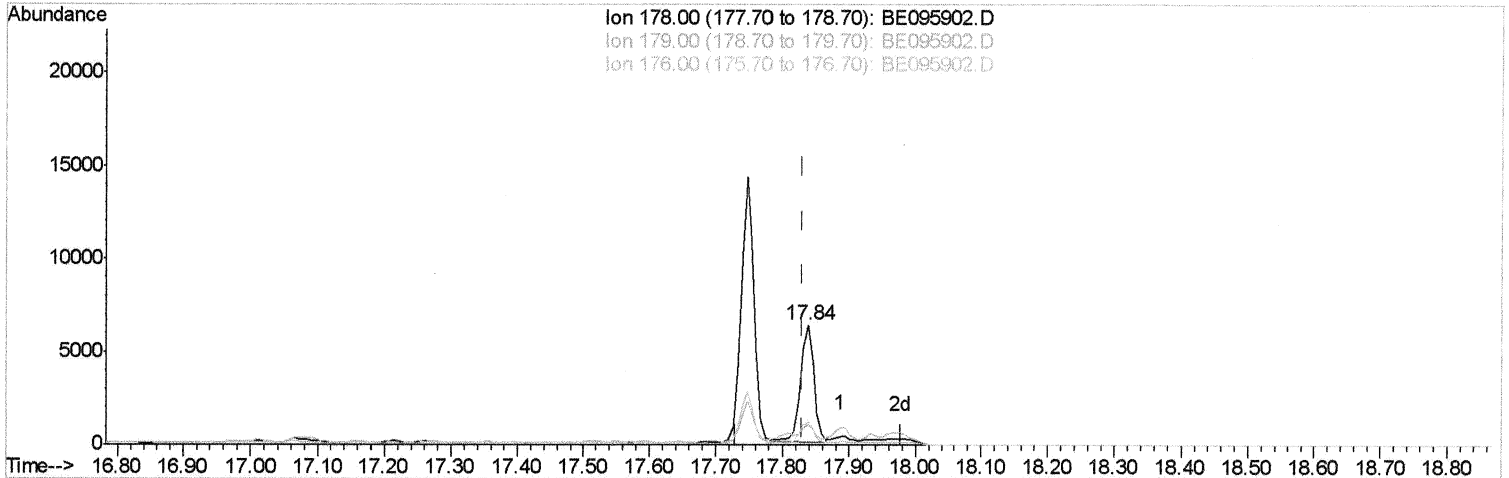
3/29/2018 5:19:08 PM
 Sohil
 APPROVED
 Manual Integrations
 17.887 0.01ng/ul 35.40#

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



(13) Anthracene

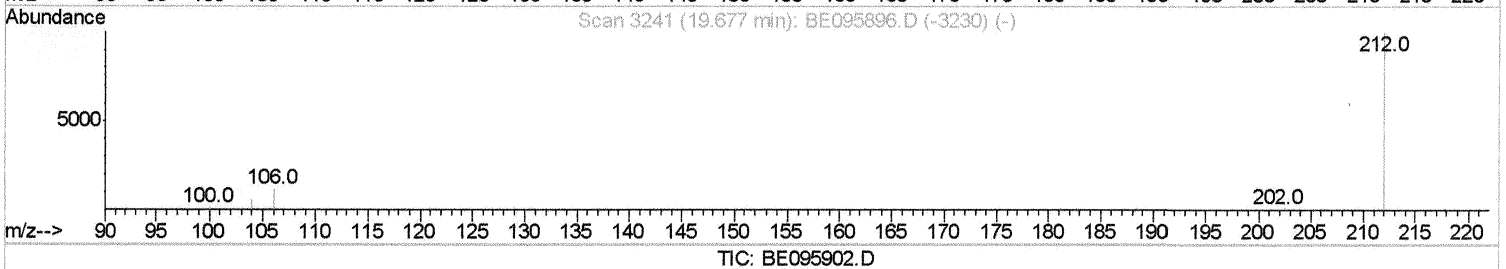
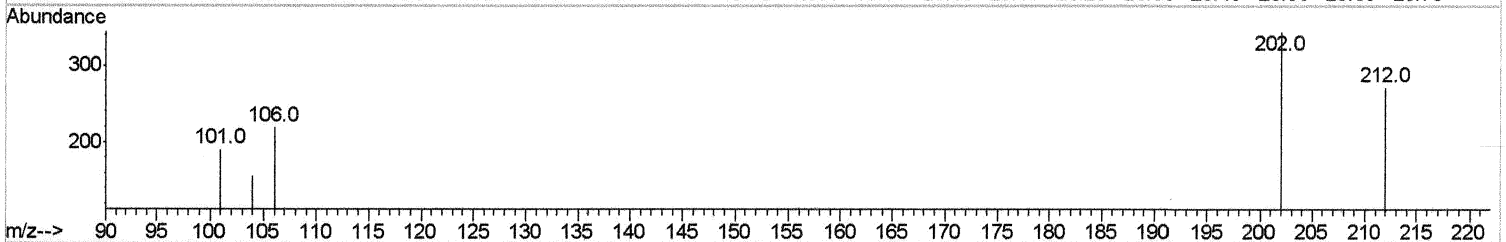
17.838min (+0.008) 0.34ng/ul m

response 8816

JU 3/30/18

Instrument : BNA_E
 ClientSampled : COAT8
 Manual Integrations : 7.44#
 APPROVED
 Sohil
 3/29/2018 5:19:08 PM

```
Data Path   : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File  : BE095902.D
Acq On     : 29 Mar 2018    6:15
Operator   : SJ/JU
Sample     : J2060-03
Misc       :
ALS Vial   : 32    Sample Multiplier: 1
```



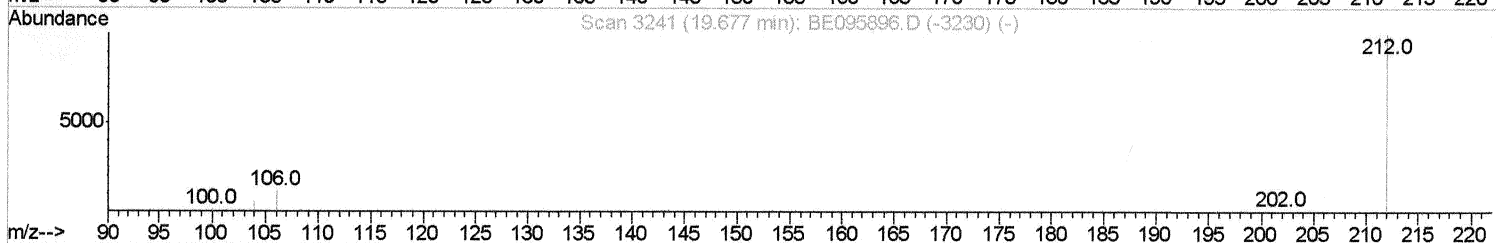
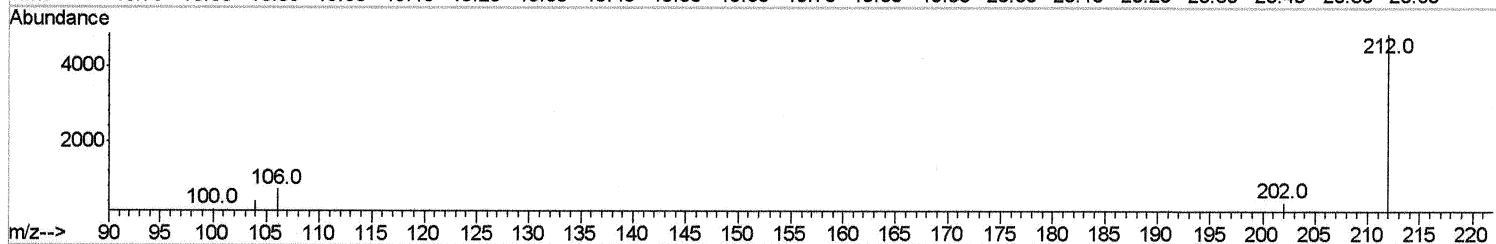
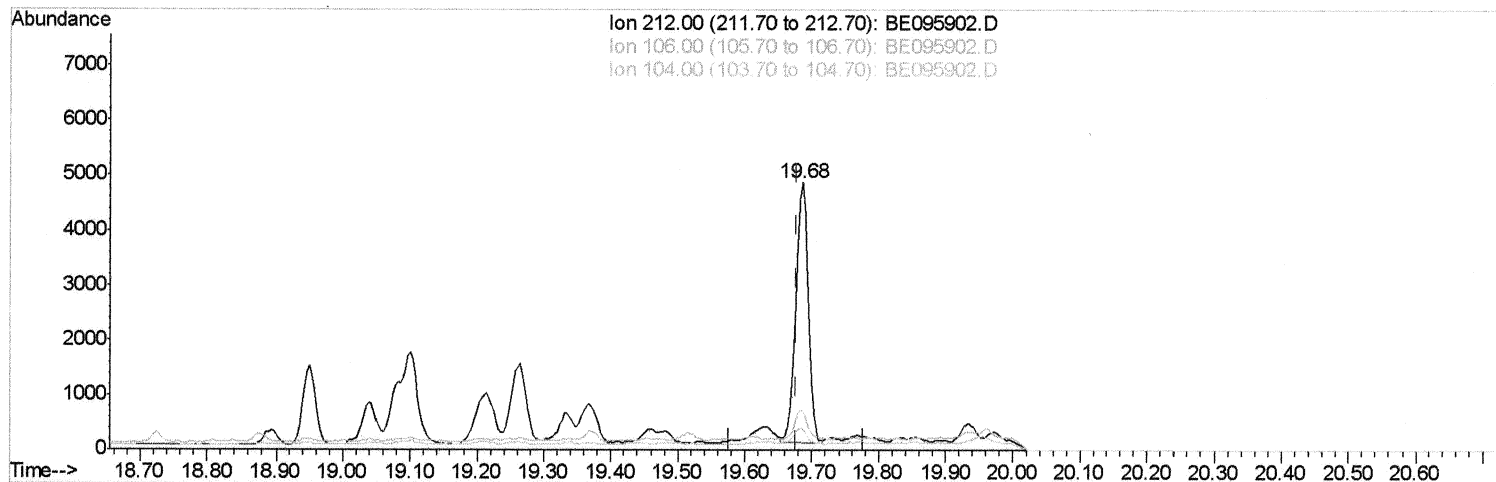
Category	Value
Manual Integrations	25.87%
APPROVED	15.60%
SoHill	104.00%
3/29/2018 5:19:08 PM	

Page: 1

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(14) Fluoranthene-d10 (SURR)
 19.684min (+0.007) 0.21ng/ul m
 response 6113

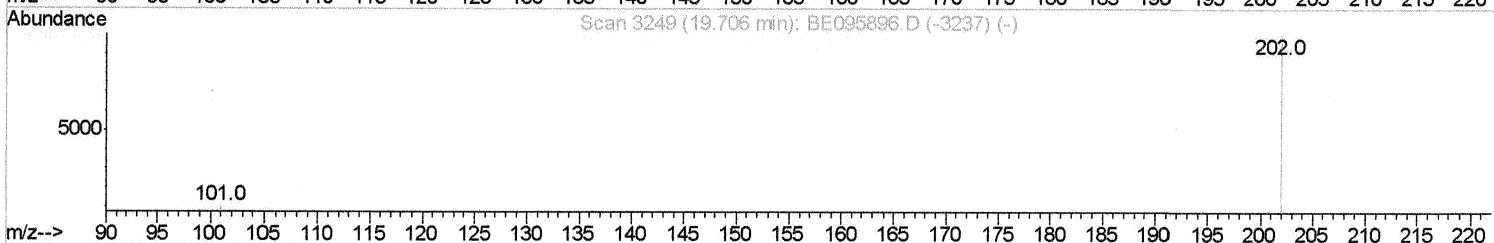
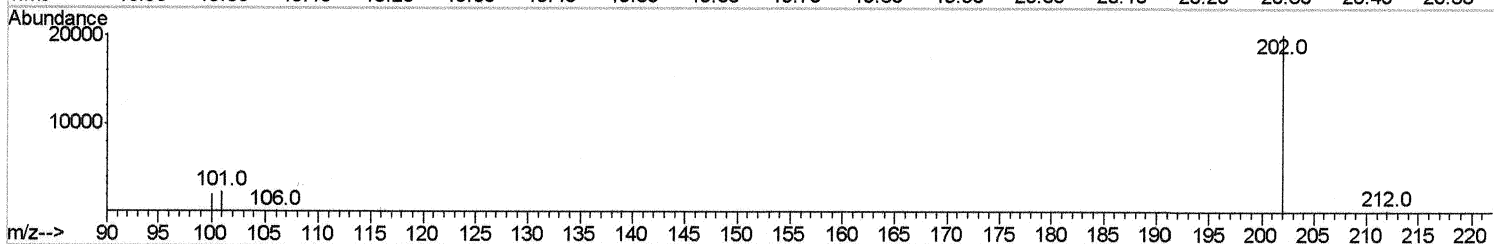
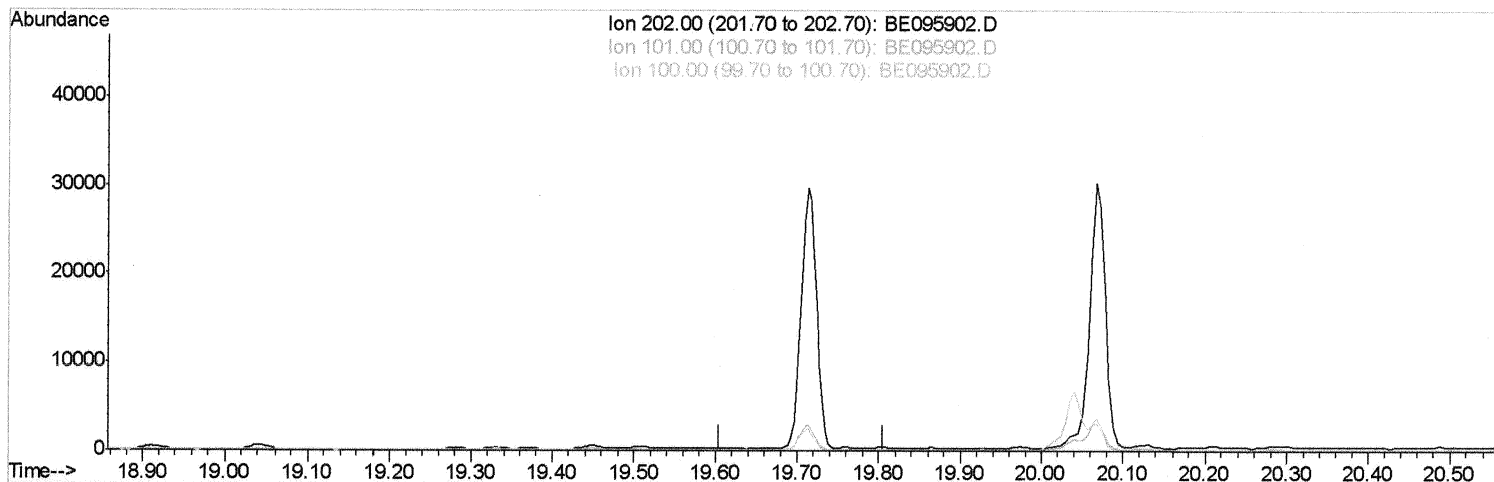
JU 3/30/18

Instrument : BNA_E
 ClientSampled :
 COAT8
 Manual Integrations
 APPROVED
 Sohil
 3/29/2018 5:19:08 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(15) Fluoranthene (C)
 19.706min (-19.706) 0.00ng/ul
 response 0

3/29/2018 5:19:08 PM

Sohil

Manual Integrations
 APPROVED

00.00 00.00 00.00

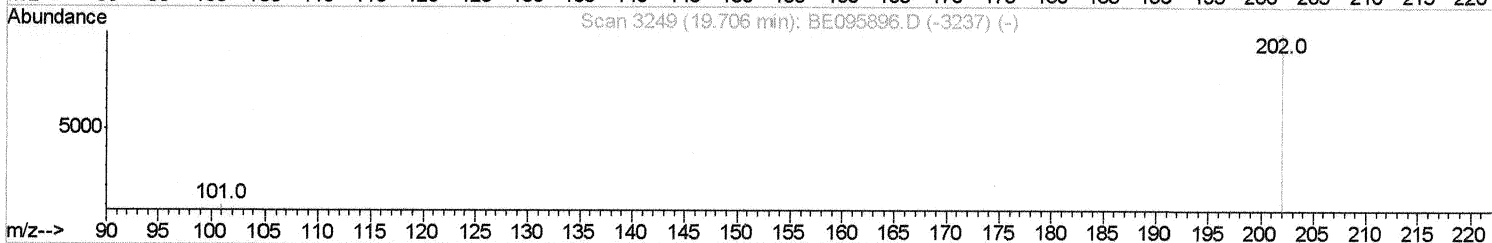
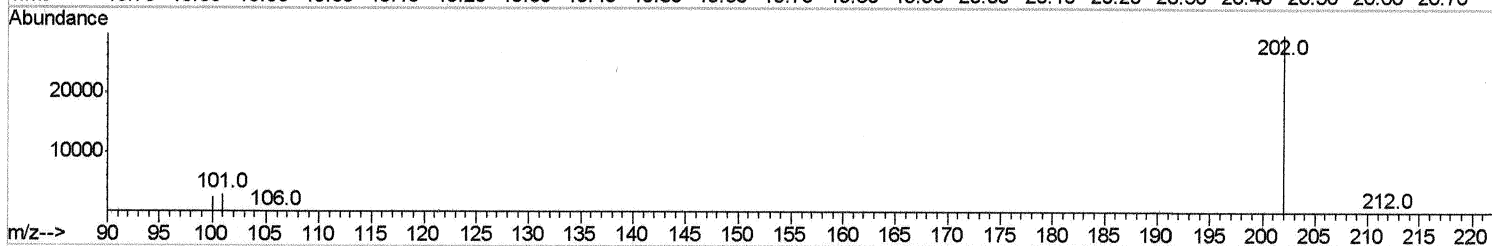
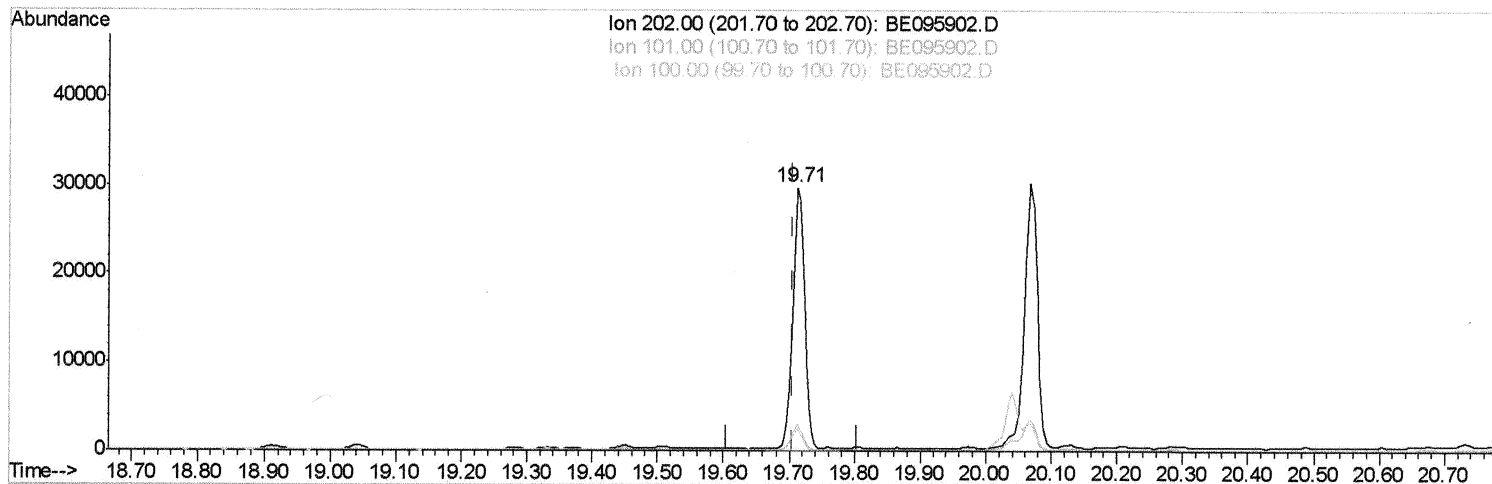
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(15) Fluoranthene (C)

19.713min (+0.007) 1.20ng/ul m

response 40493

JU 3/30/18

3/29/2018 5:19:08 PM

Sohil

APPROVED

Manual Integrations

100.00 8.58

COAT8

ClientSampled :

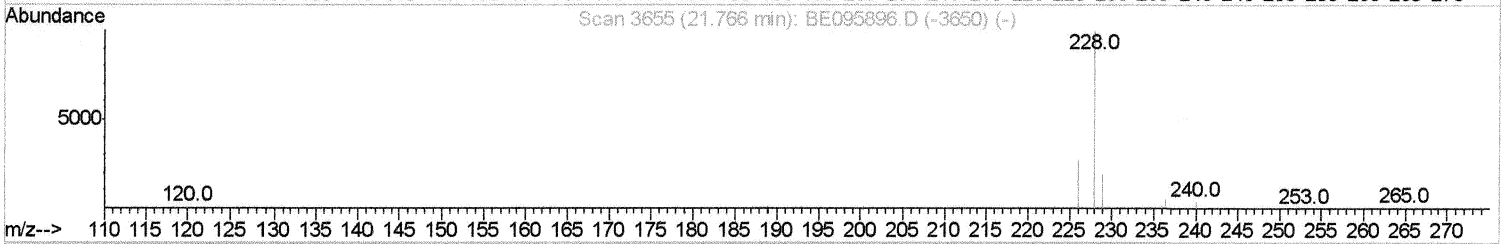
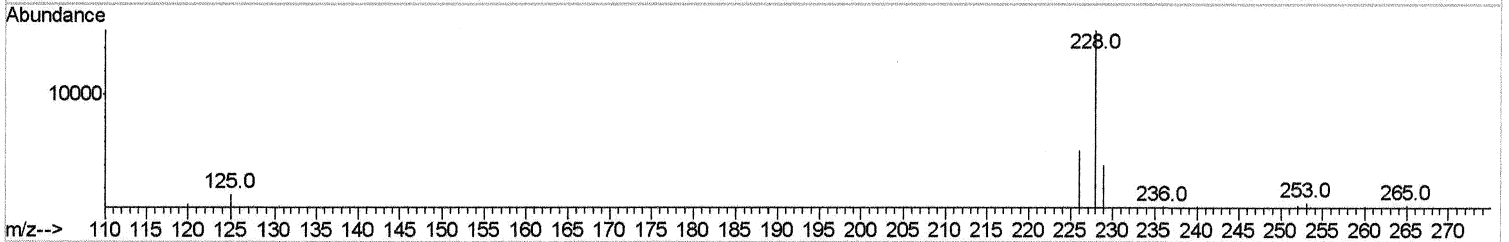
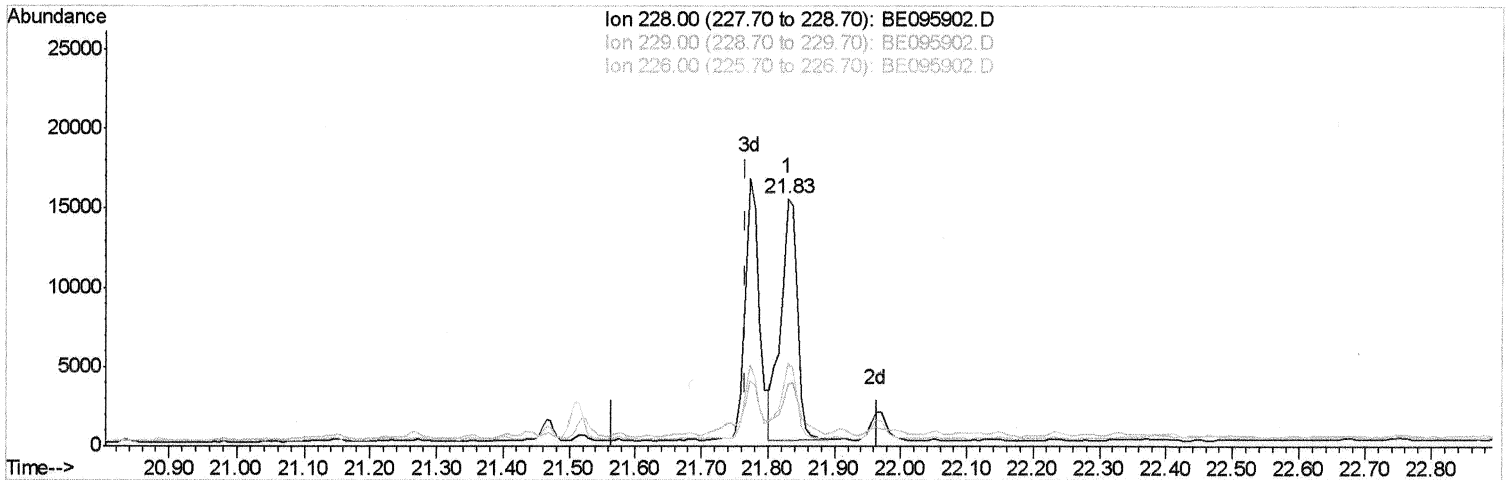
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(18) Benzo(a)anthracene
 21.829min (+0.063) 0.91ng/ul
 response 25820

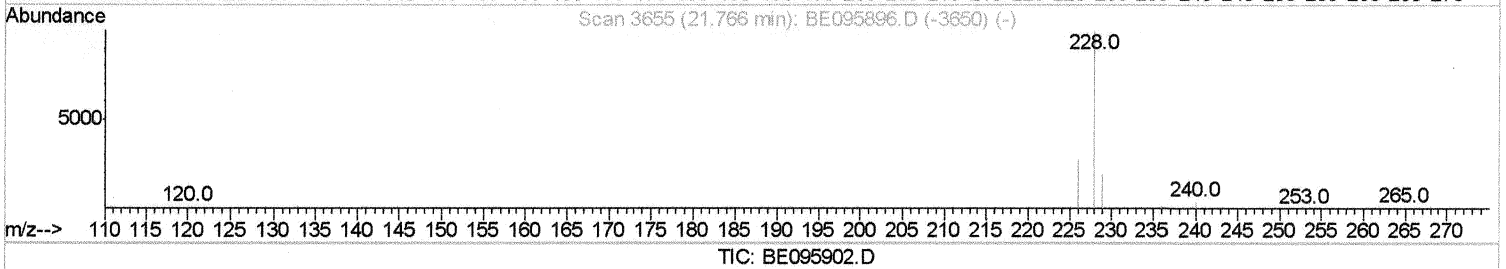
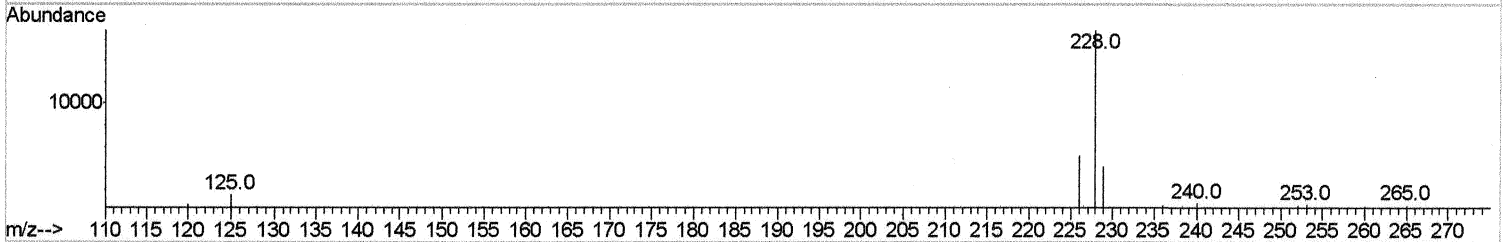
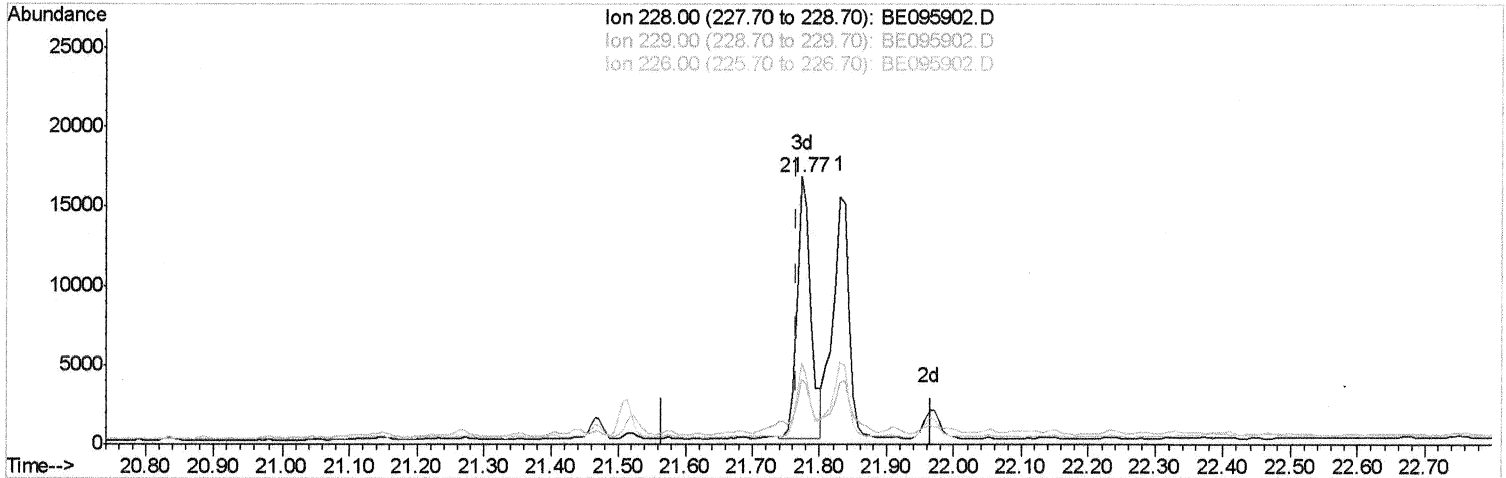
3/29/2018 5:19:08 PM
 Sohil
 APPROVED
 Manual Integrations
 25.23
 226.00 21.30 33.68#

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



(18) Benzo(a)anthracene
 21.773min (+0.007) 0.86ng/ul m
 response 24425

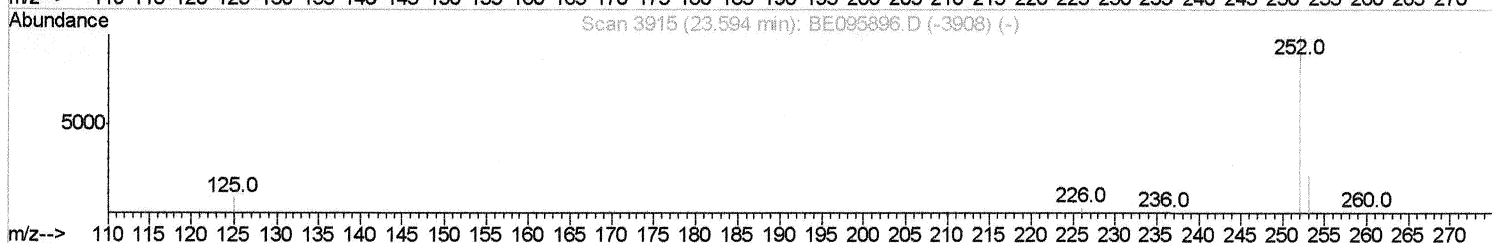
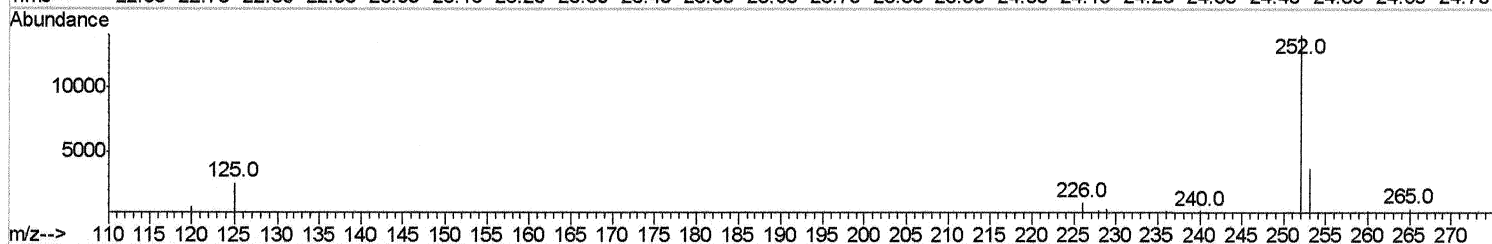
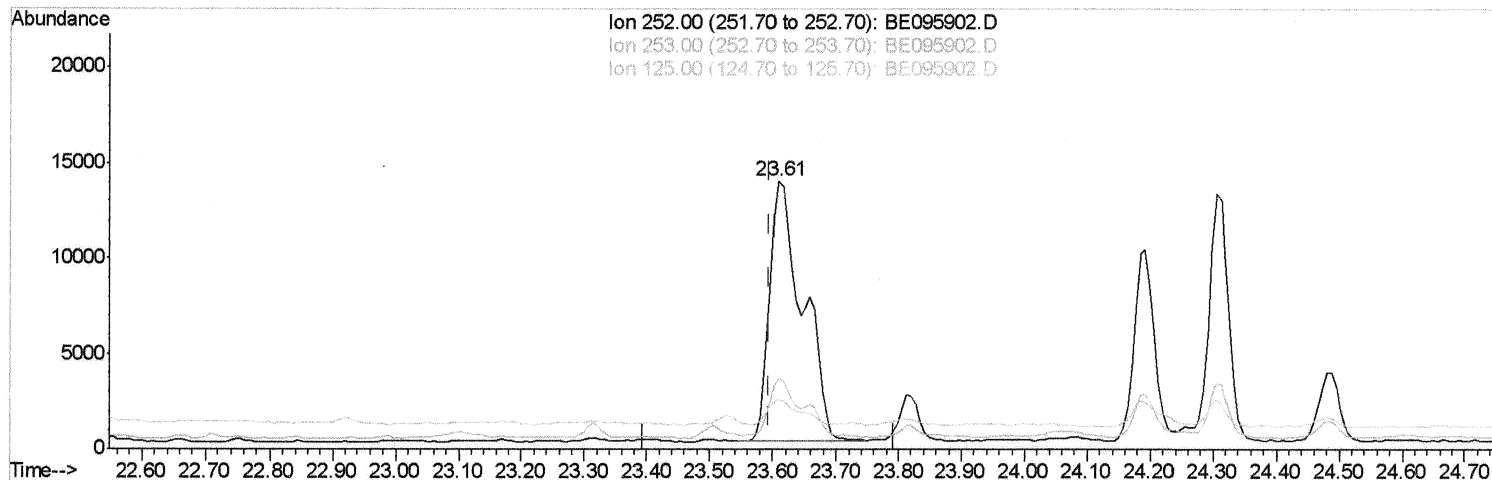
JU 3/30/18

3/29/2018 5:19:08 PM
 SOH
 APPROVED
 Manual Integrations
 226.00 21.30 30.48#
 COAT8
 ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(21) Benzo(b)fluoranthene
 23.608min (+0.014) 1.47ng/ul
 response 49211

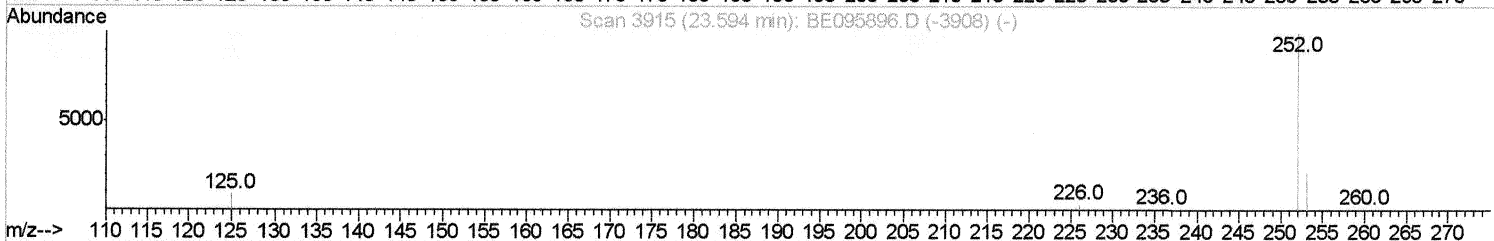
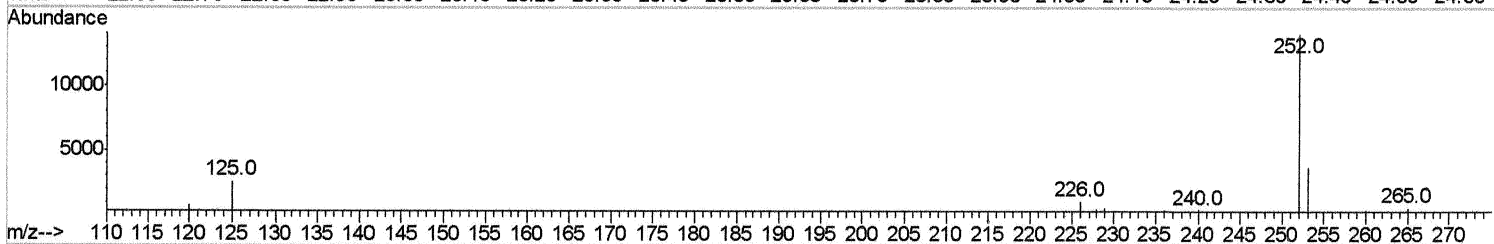
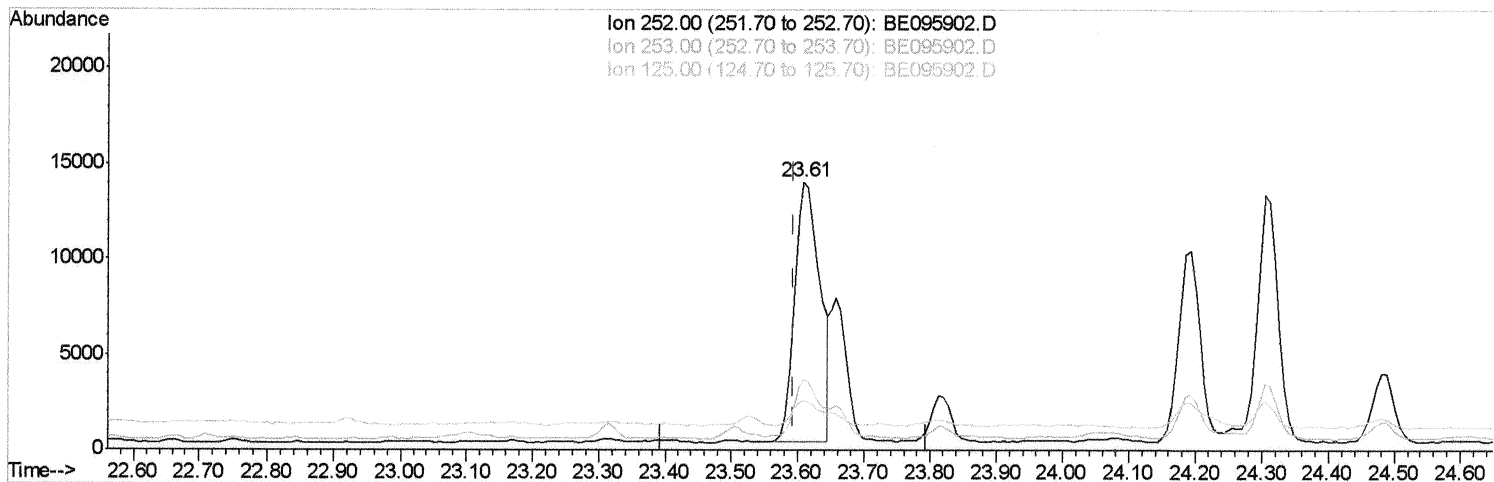
3/29/2018 5:19:08 PM
 Sohil
 APPROVED
 Manual Integrations
 18.51

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(21) Benzo(b)fluoranthene
 23.608min (+0.014) 1.09ng/ul m
 response 36237

JU 3/30/18

3/29/2018 5:19:08 PM
 Sohil

Manual Integrations
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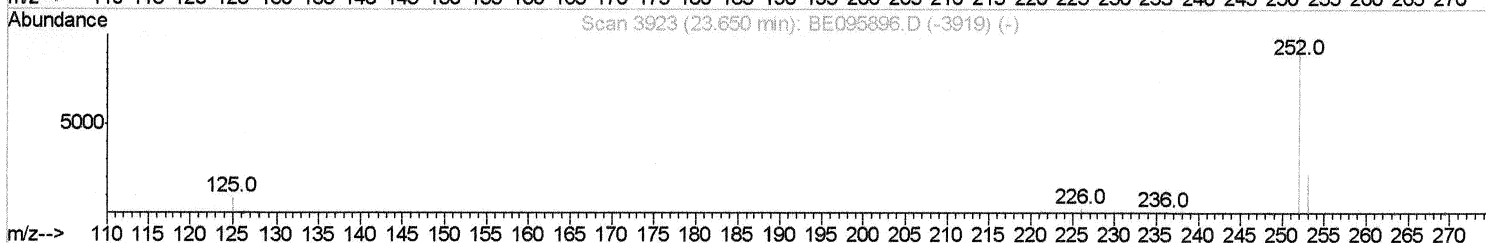
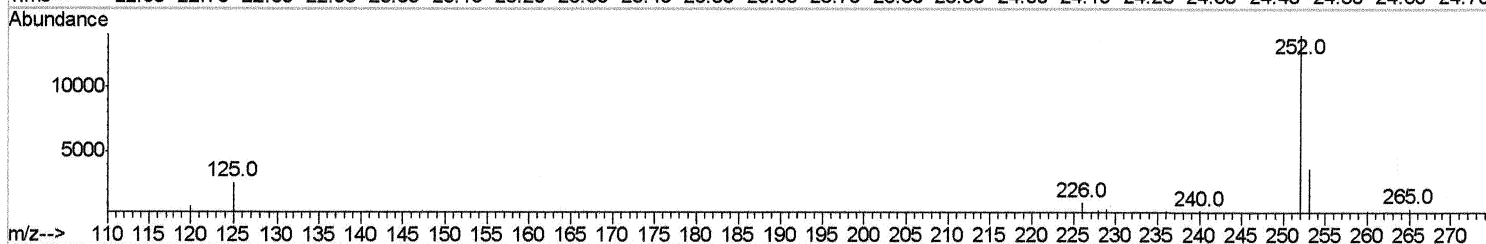
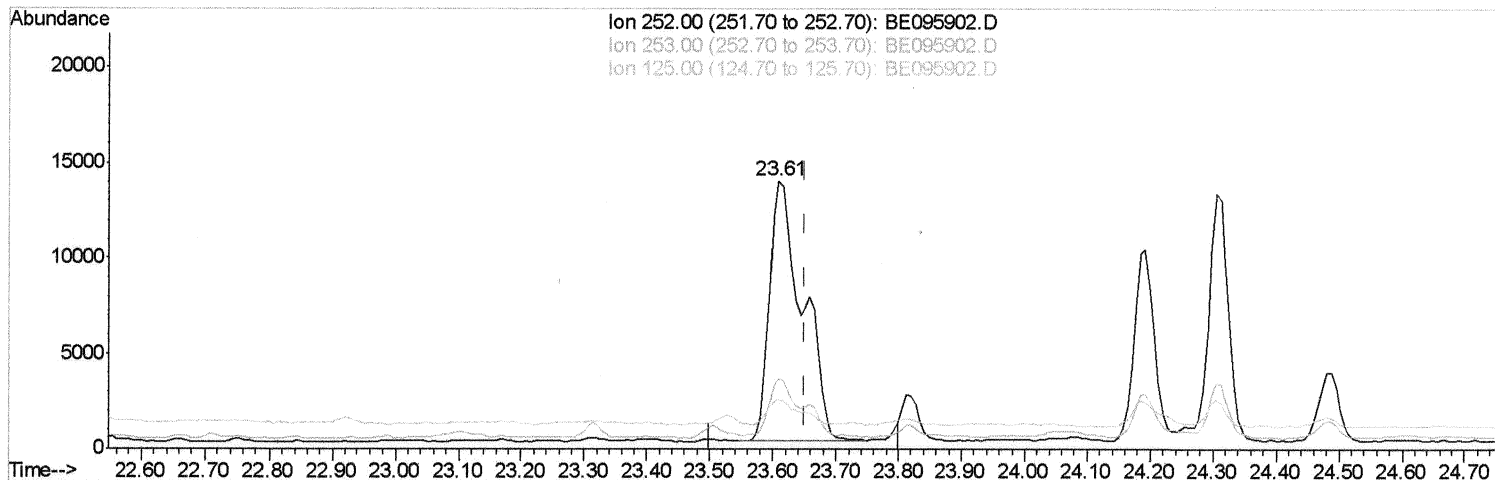
125.00 17.00 18.51

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
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Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(22) Benzo(k)fluoranthene
 23.608min (-0.042) 1.55ng/ul
 response 49211

3/29/2018 5:19:08 PM

Sohil

Manual Integrations
 APPROVED

125.00 17.10 18.51

COAT8 00

ClientSampled :

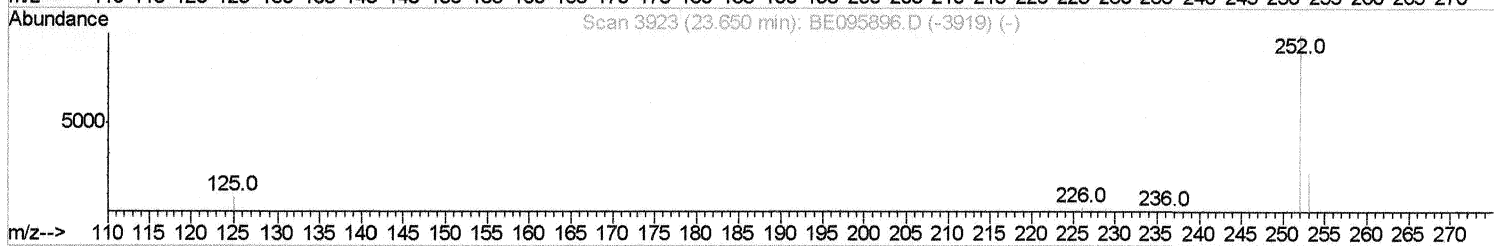
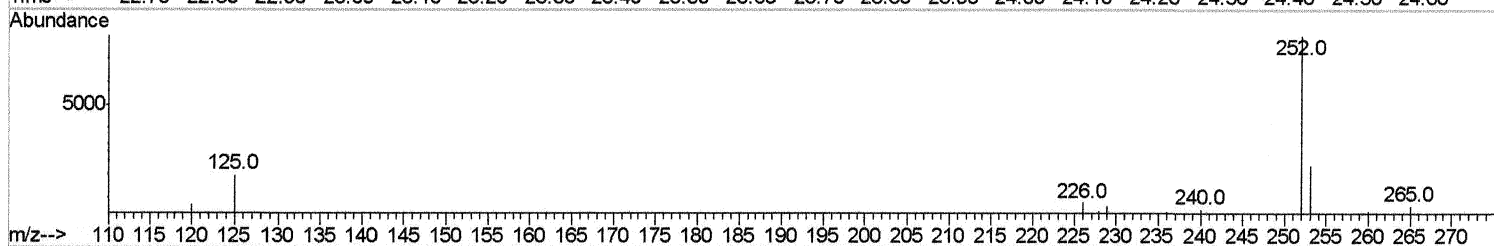
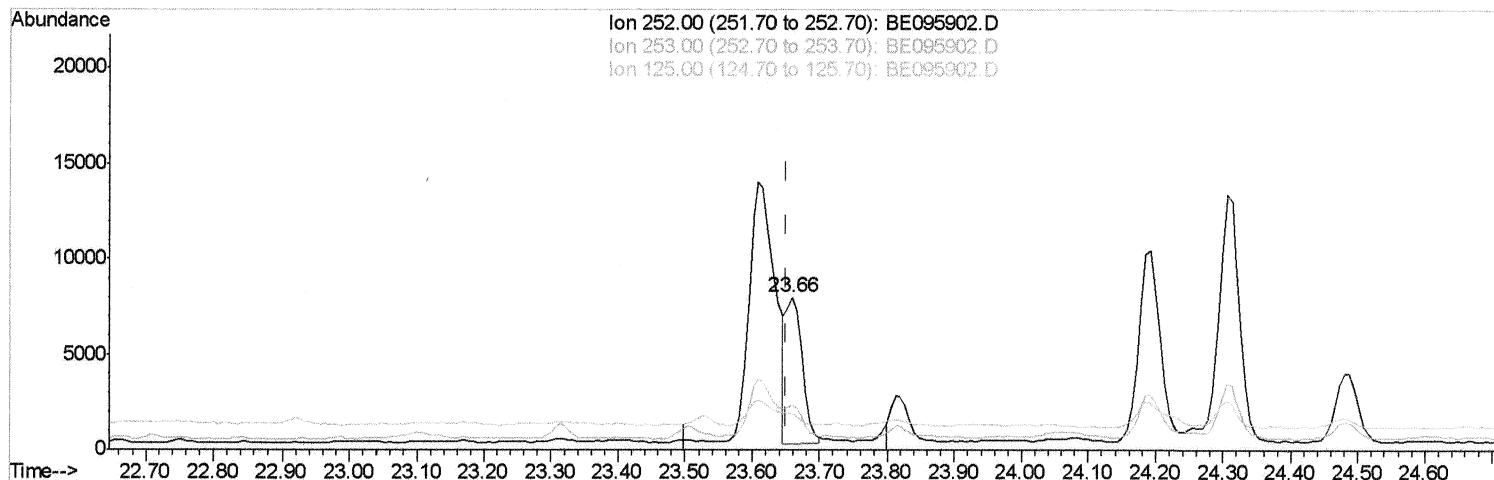
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:53:31 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 29 07:00:13 2018
 Response via : Initial Calibration



TIC: BE095902.D

(22) Benzo(k)fluoranthene
 23.657min (+0.007) 0.41ng/ul m
 response 13164

SJ 3/30/18

3/29/2018 5:19:08 PM
 SOH
 APPROVED
 Manual Integrations
 24.35#
 17.10
 125.00

Instrument :
 BNA_E
 ClientSampled :
 COAT8

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095902.D
 Acq On : 29 Mar 2018 6:15
 Operator : SJ/JU
 Sample : J2060-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 07:55:54 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 29 07:00:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	2259	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	7201	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	4499	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	9336m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	8776m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	9640	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.80	152	2611	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	6113m	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.29	128	5464	0.272	ng/ul#	84
5) 2-Methylnaphthalene	12.87	142	2240	0.160	ng/ul	95
7) Acenaphthylene	14.73	152	573	0.025	ng/ul#	1
8) Acenaphthene	15.06	153	2110	0.123	ng/ul#	79
9) Fluorene	16.03	166	2290	0.123	ng/ul#	83
12) Phenanthrene	17.75	178	20053m	0.717	ng/ul	
13) Anthracene	17.84	178	8816m	0.337	ng/ul	
15) Fluoranthene	19.71	202	40493m	1.196	ng/ul	
17) Pyrene	20.07	202	49015	1.471	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	24425m	0.863	ng/ul	
19) Chrysene	21.83	228	25735	0.893	ng/ul	92
21) Benzo(b)fluoranthene	23.61	252	36237m	1.085	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	13164m	0.415	ng/ul	
23) Benzo(a)pyrene	24.30	252	28508	0.935	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.23	276	20140	0.596	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.23	278	5142	0.190	ng/ul#	59
26) Benzo(a,h,i)perylene	28.11	276	22718	0.782	ng/ul	94

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

3/29/2018 5:19:08 PM

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Manual Integrations

Instrument : BNA_E
 Client/Sampled : COAT8