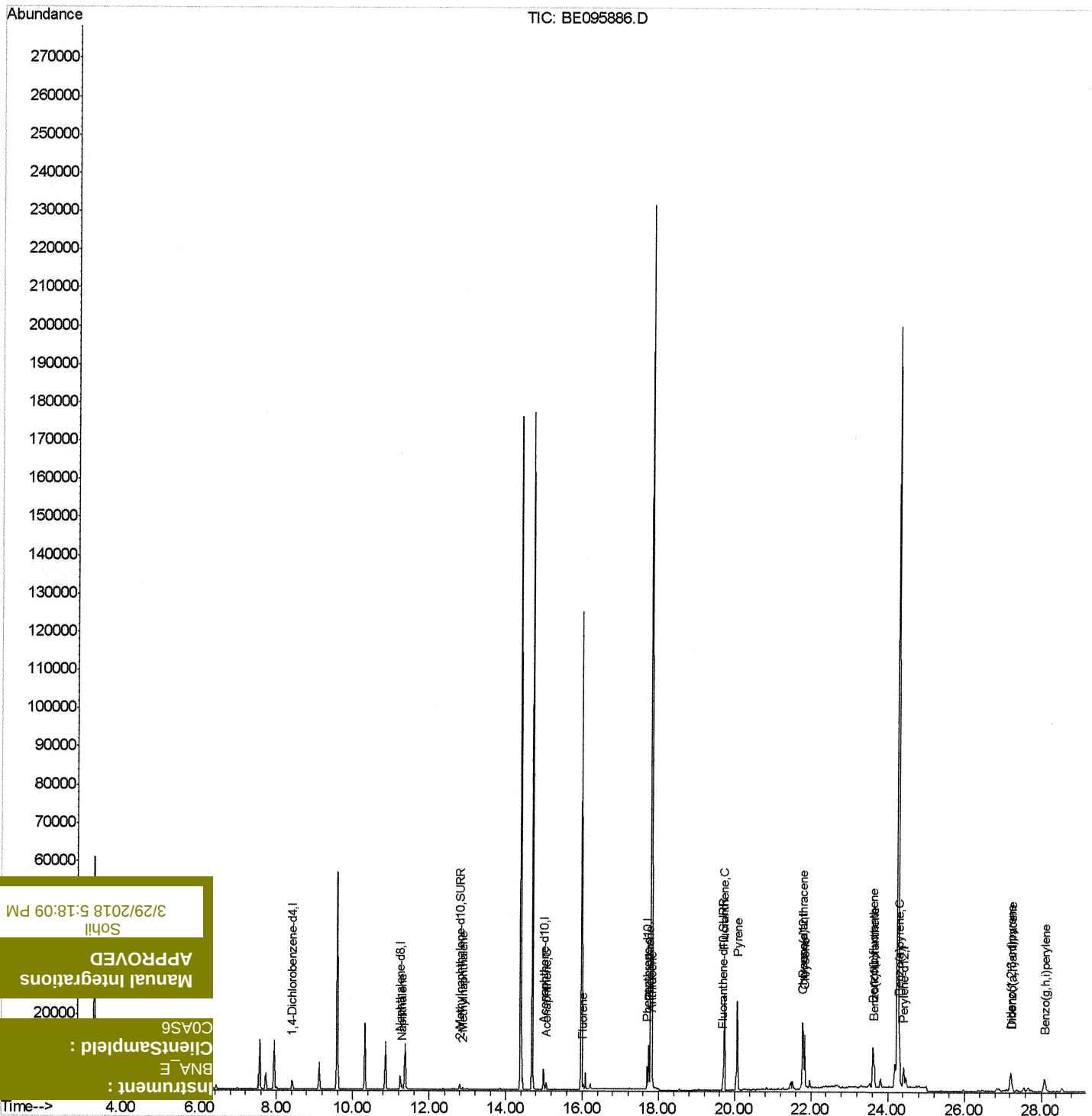


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

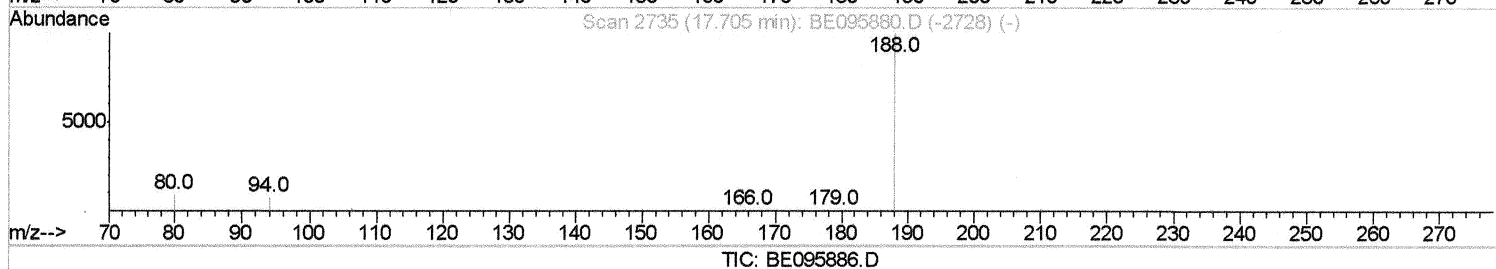
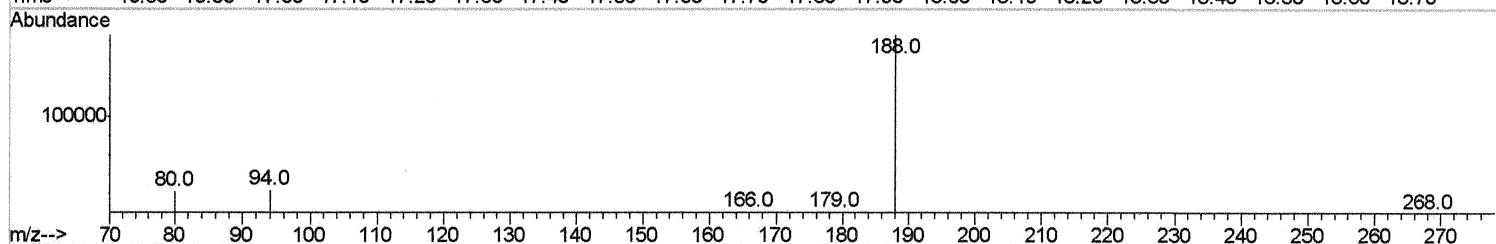
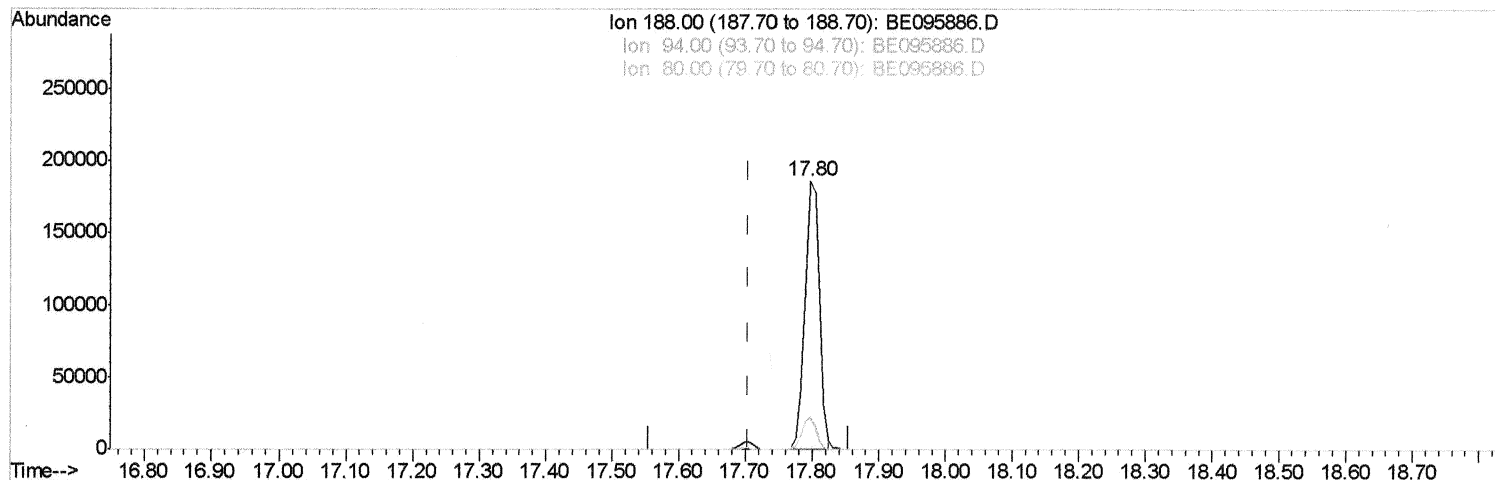
Quant Time: Mar 29 05:35:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 04:43:20 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 04:44:03 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 04:43:20 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.796min (+0.091) 0.40ng/ul
 response 279788

3/29/2018 5:18:09 PM
 Sohll

Manual Integrations
 APPROVED

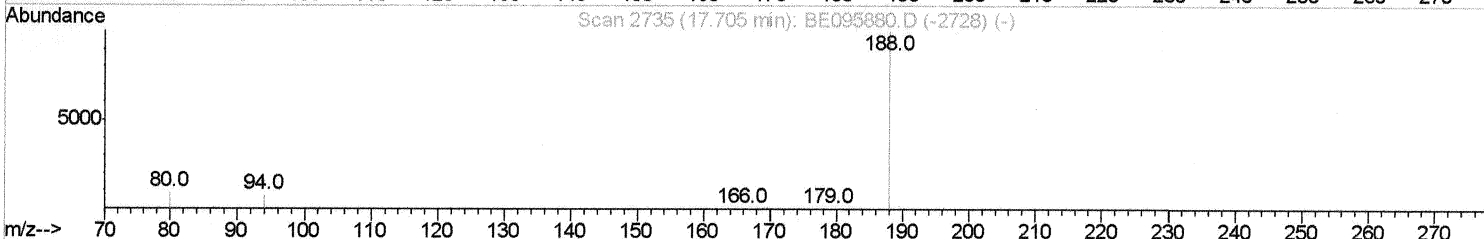
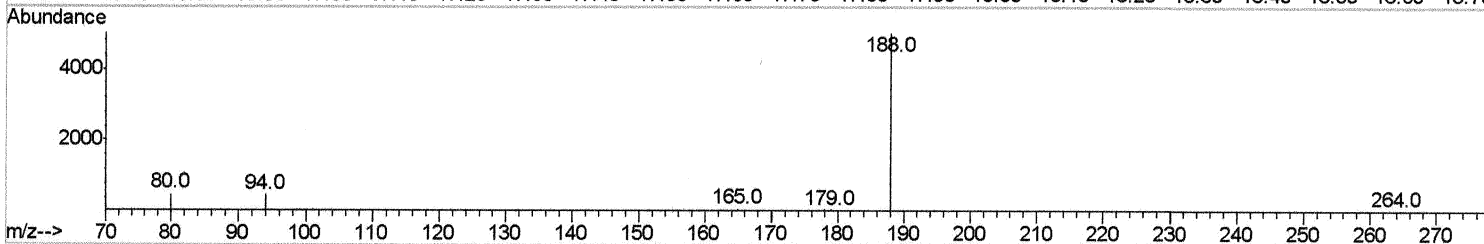
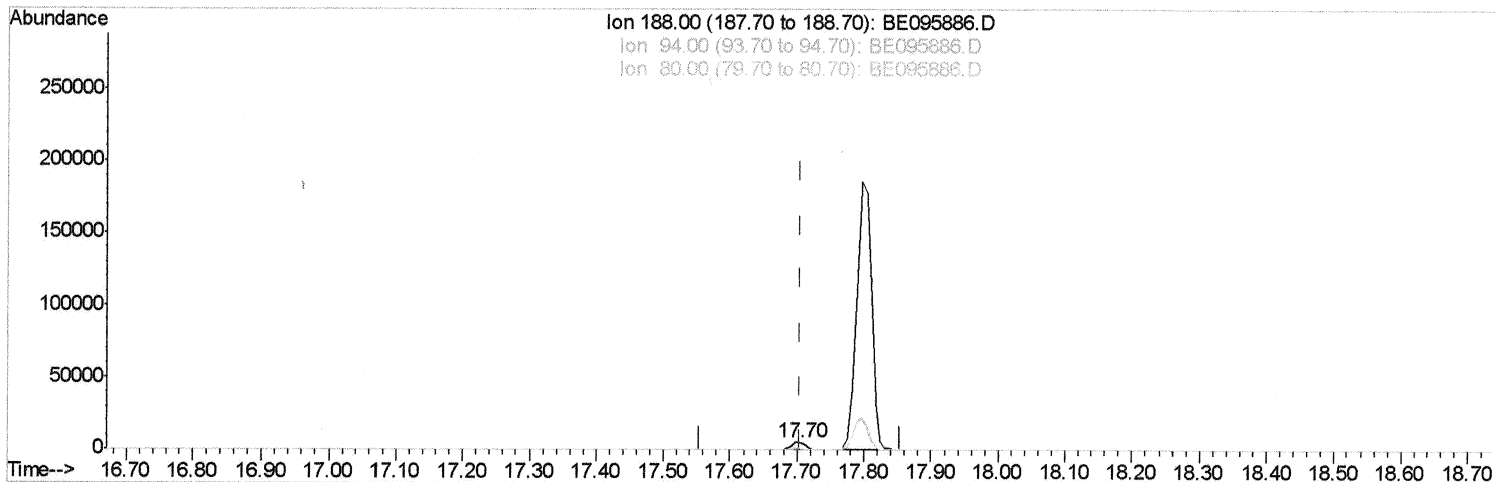
11.80 11.90

ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 04:44:03 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 04:43:20 2018
 Response via : Initial Calibration



TIC: BE095886.D

(10) Phenanthrene-d10 (I)

17.705min (-0.000) 0.40ng/ul m

response 7362

JU 3/30/18

3/29/2018 5:18:09 PM

Sohil

APPROVED

Manual Integrations

08.00 11.80 10.05

COAS6

ClientSampled :

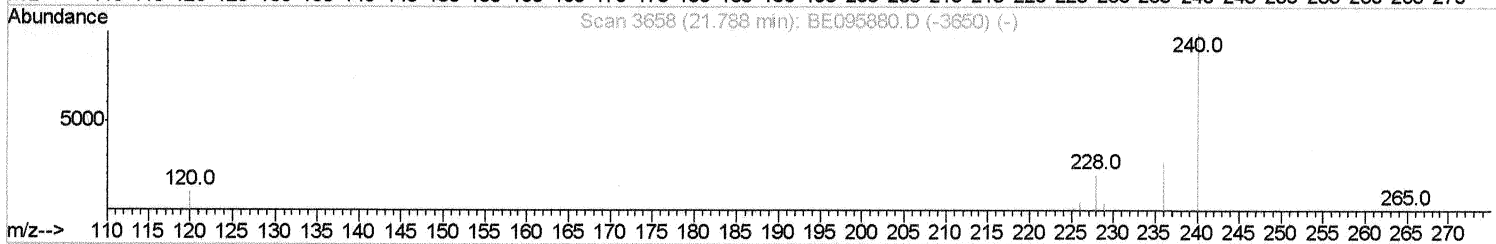
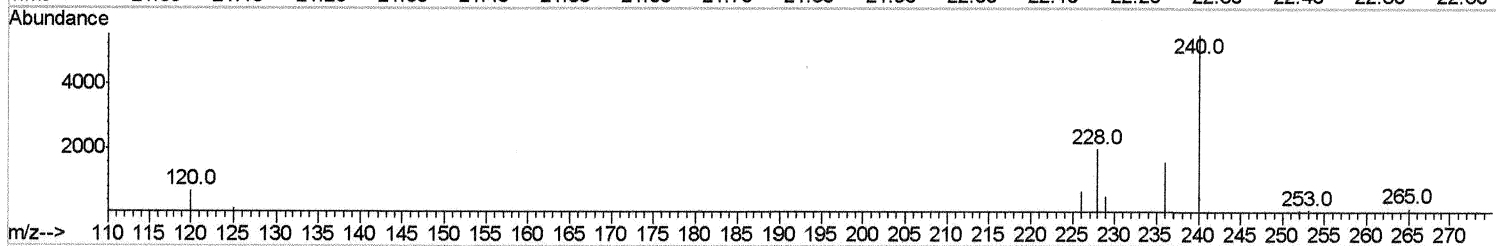
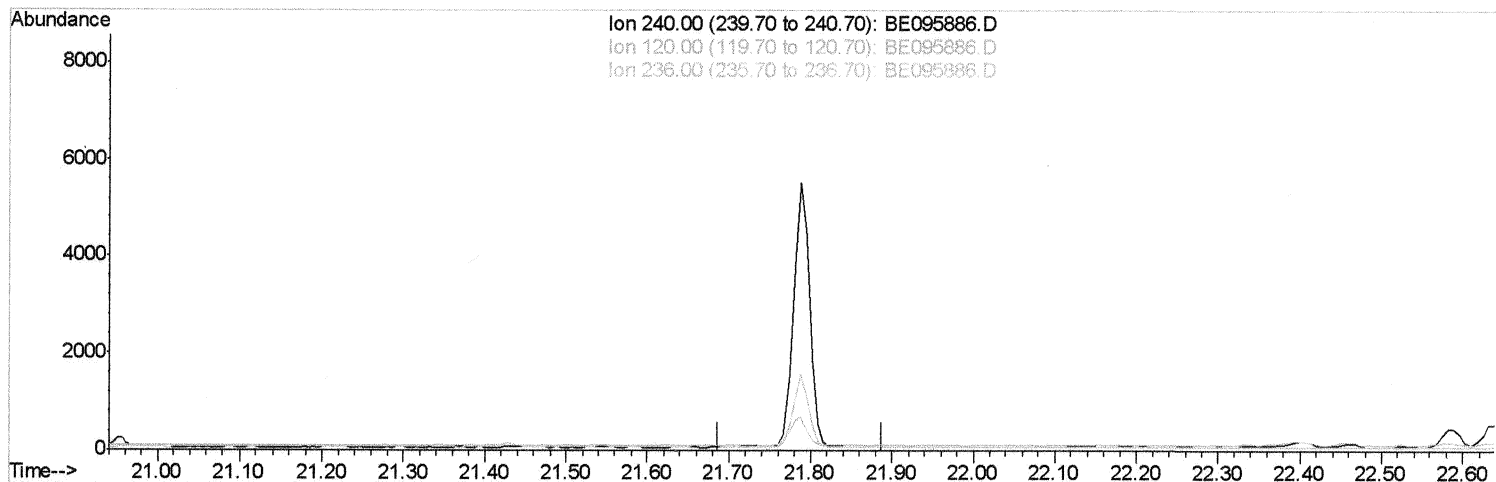
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 04:44:03 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 04:43:20 2018
 Response via : Initial Calibration



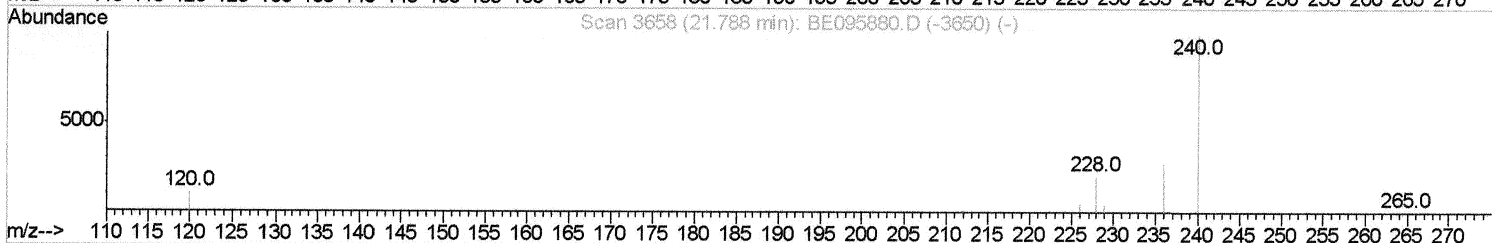
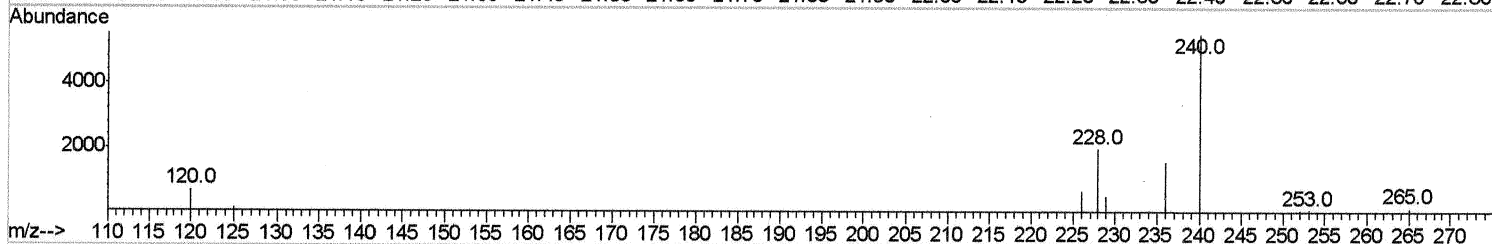
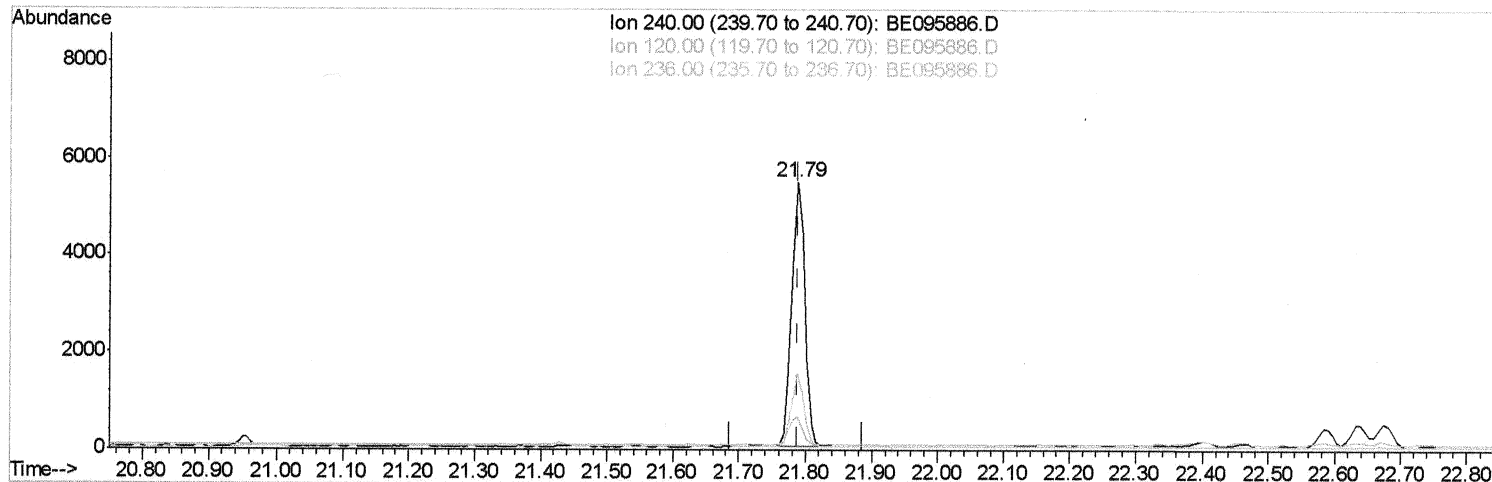
TIC: BE095886.D

(16) Chrysene-d12 (I)
 21.788min (-21.788) 0.00ng/ul
 response 0

Instrument : BNA_E
 ClientSampled : COAS6
 Manual Integrations : 0.00#
 APPROVED : 0.00#
 Sohil : 0.00#
 3/29/2018 5:18:09 PM : 0.00#
 Pd 60:18.05

```
Data Path   : Z:\HPCHEM1\BNA E\DATA\BE032818\  
Data File  : BE095886.D  
Acq On     : 28 Mar 2018   20:42  
Operator   : SJ/JU  
Sample     : J1951-05  
Misc       :  
ALS Vial   : 17      Sample Multiplier: 1
```

Quant Time: Mar 29 04:44:03 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 04:43:20 2018
Response via : Initial Calibration



TIC: BE095886.D

21.787min (-0.000) 0.40ng/ul m

response 7539

3/29/2018 5:18:09 PM

1140S

APPROVED

Manual Integrations

236.00	34.90	28.88
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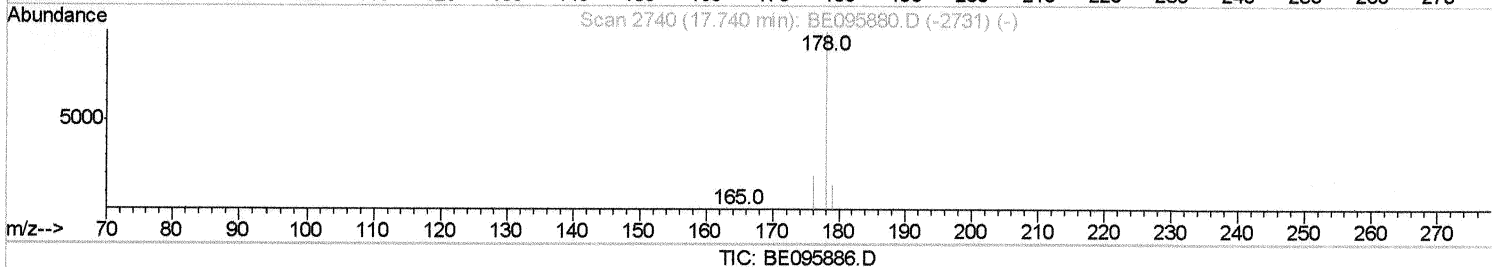
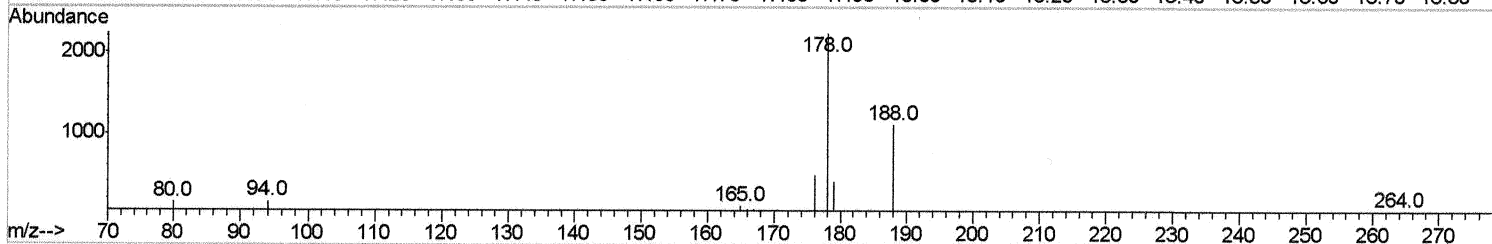
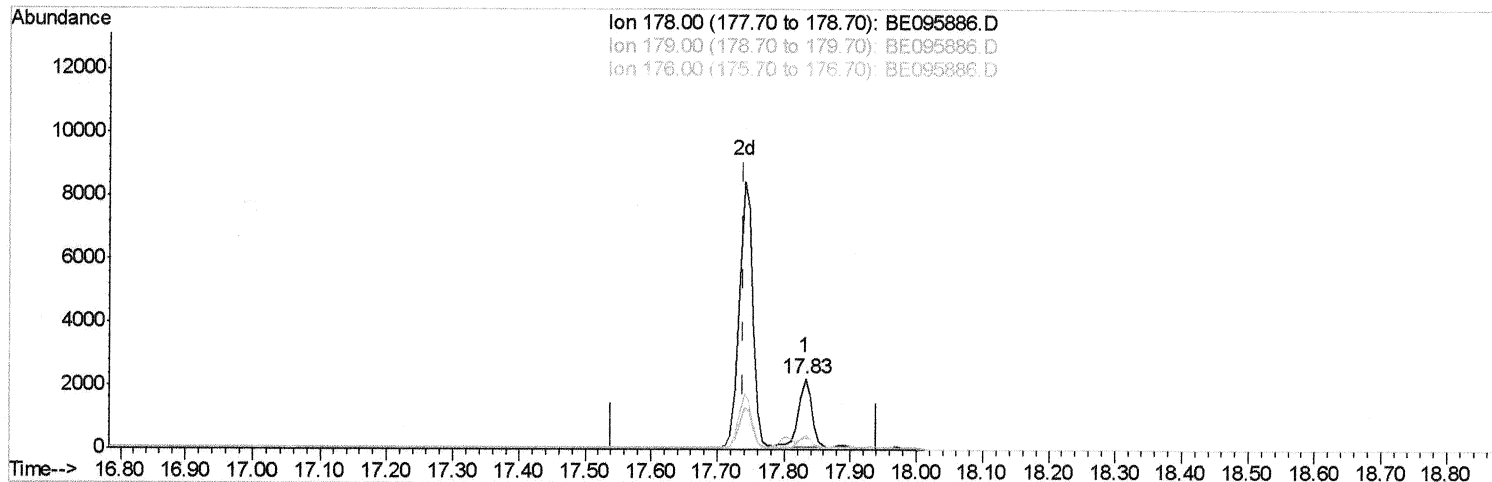
ClientSampleId : C0AS6

Instrument : BNA-E

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



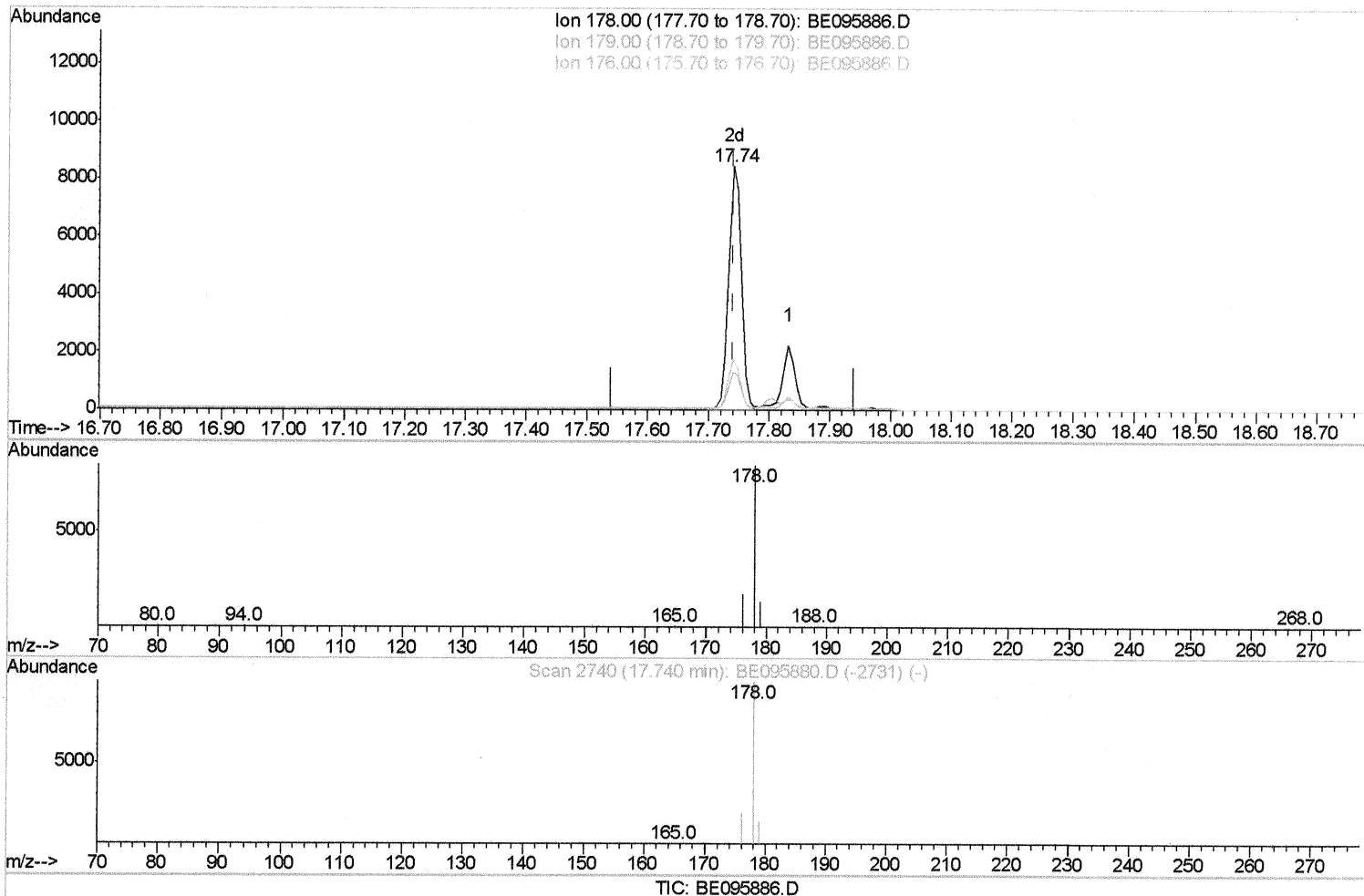
(12) Phenanthrene
 17.831min (+0.091) 0.14ng/ul
 response 3059

Instrument : BNA_E
 ClientSampled : COAS6
 Manual Integrations : 7.84#
 Approved : 3/29/2018 5:18:09 PM
 SOHJL

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(12) Phenanthrene
 17.740min (-0.000) 0.56ng/ul m
 response 12363

JU 3/30/18

3/29/2018 5:18:09 PM

Sohil

APPROVED

Manual Integrations

17.74 17.75 20.75#

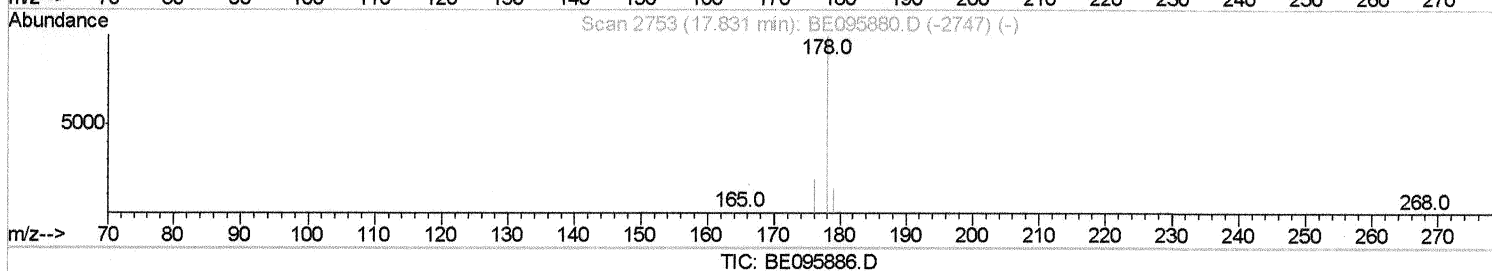
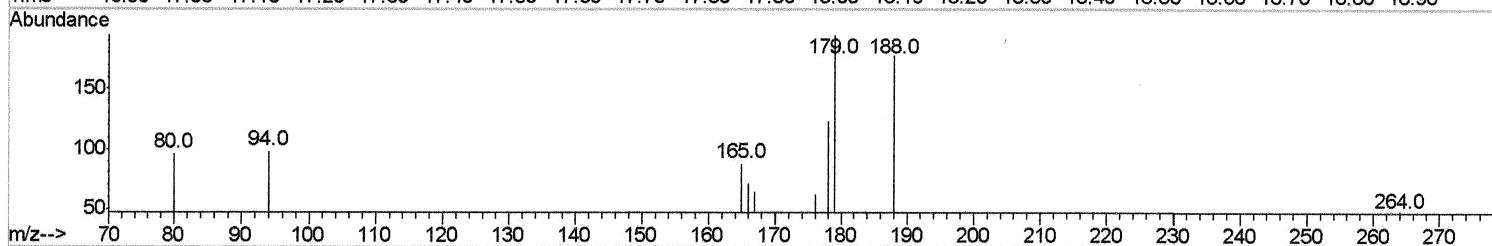
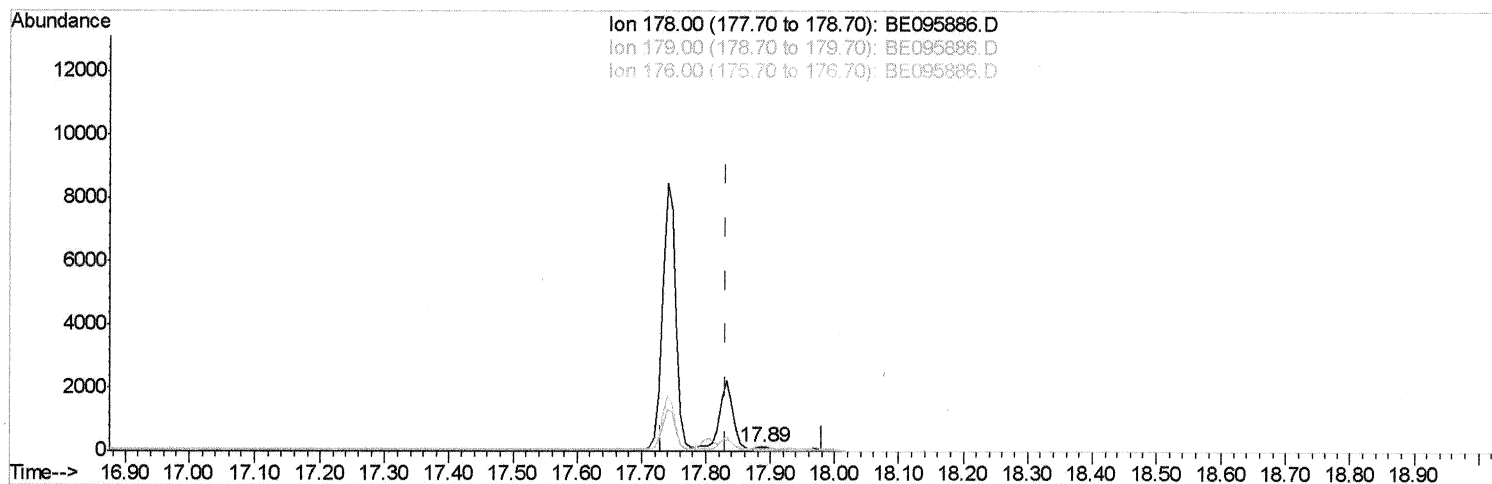
Client Sampled :
 BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(13) Anthracene
 17.887min (+0.056) 0.03ng/ul
 response 684

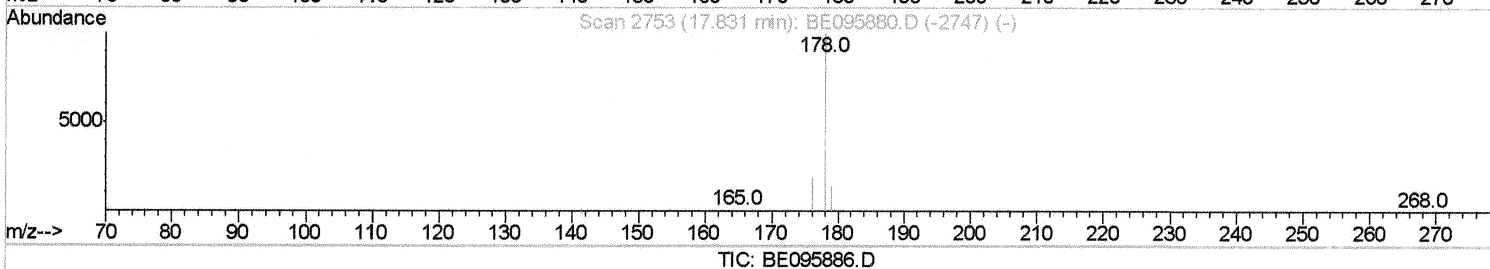
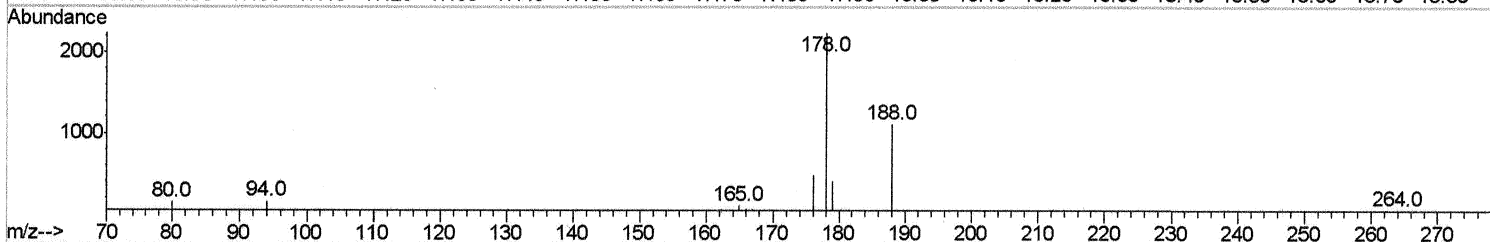
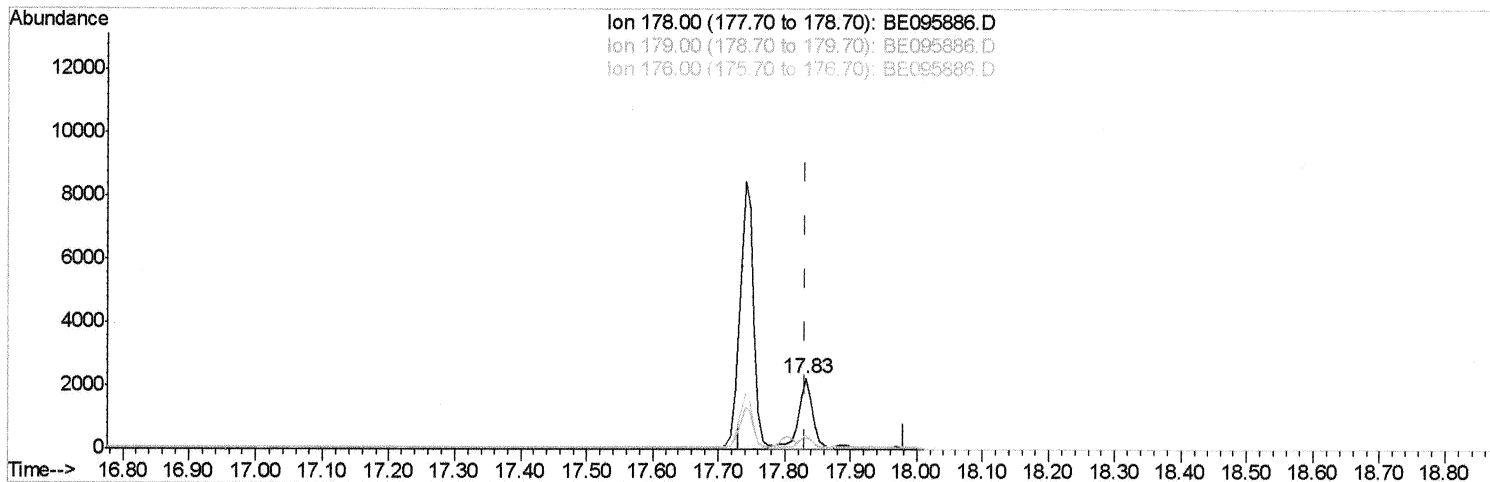
3/29/2018 5:18:09 PM
 Sohil
 APPROVED
 Manual Integrations
 58.54#
 50.41#

Instrument :
 BNA_E
 ClientSampled :
 COAS6

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(13) Anthracene
 17.831min (-0.000) 0.17ng/ul m
 response 3580

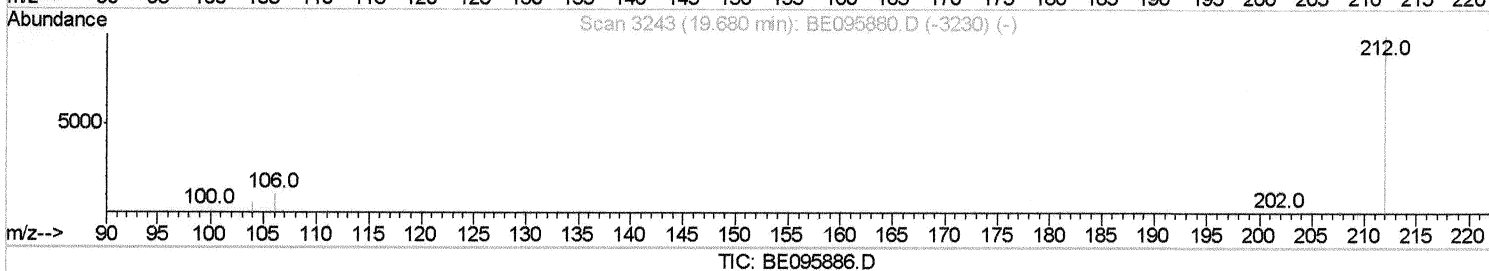
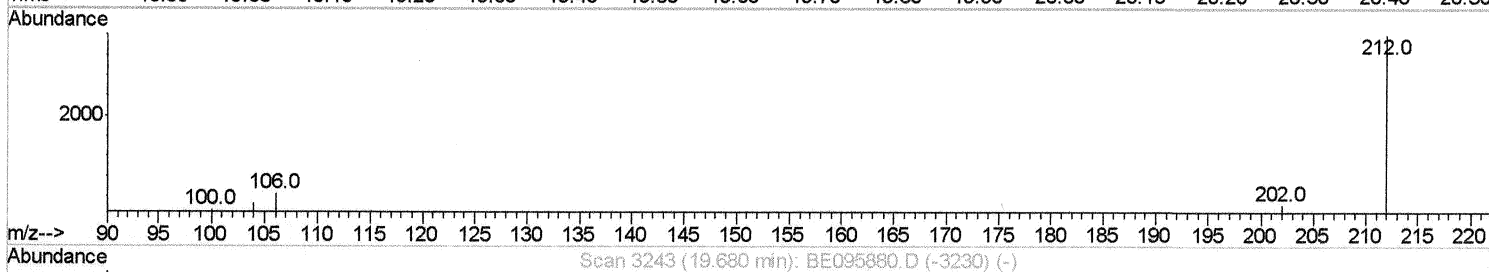
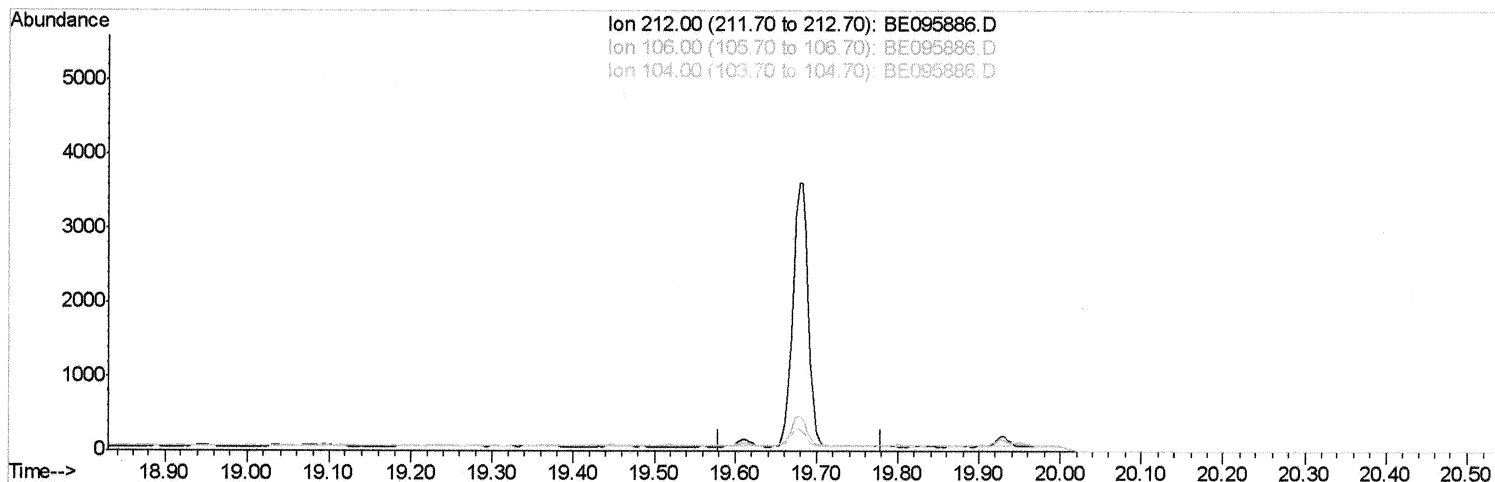
SU 3/30/18

3/29/2018 5:18:09 PM
 SOH
 APPROVED
 Manual Integrations
 7.84#
 17.83 21.45
 COAS6
 ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.680min (-19.680) 0.00ng/ul

response 0

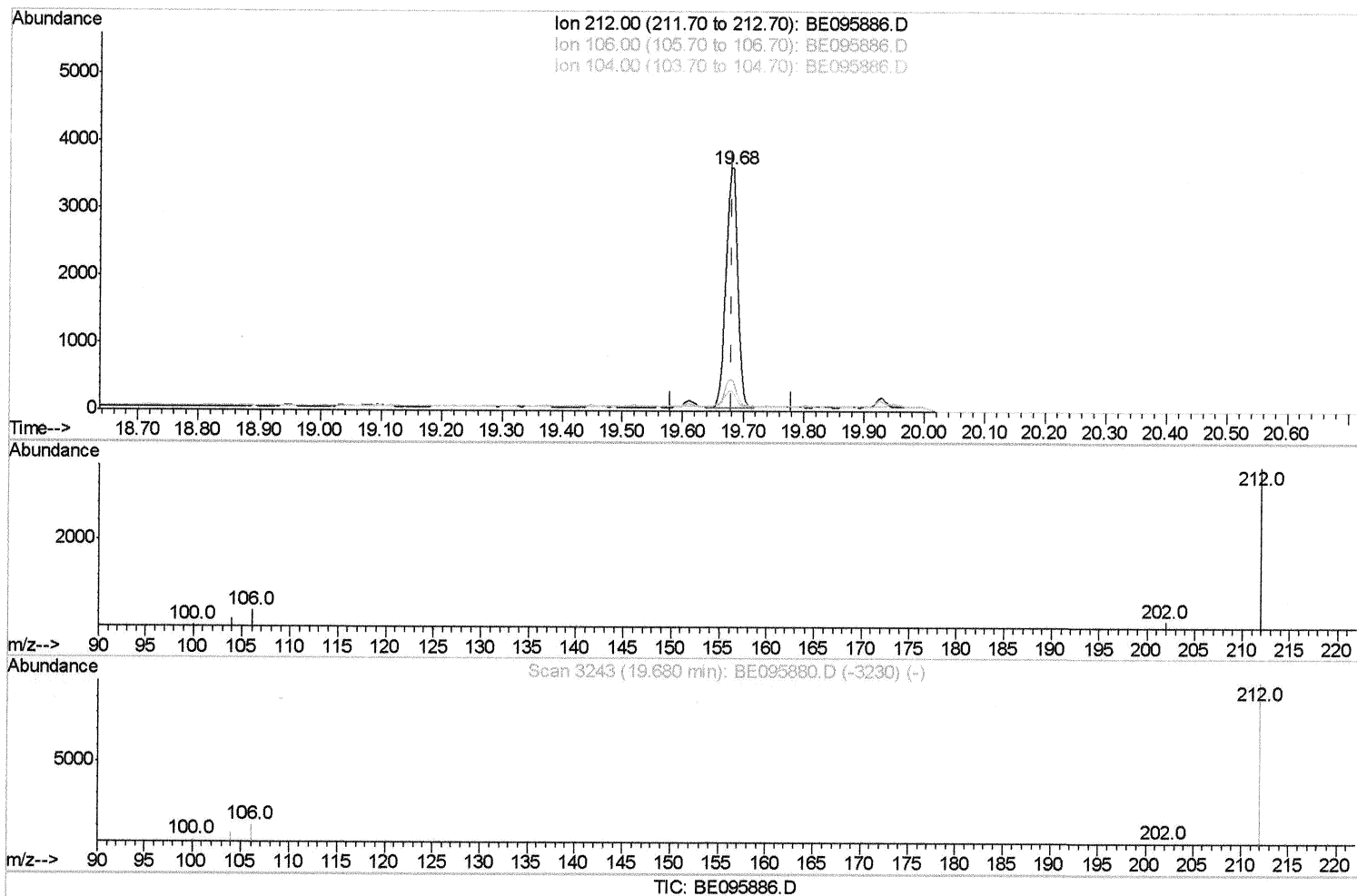
3/29/2018 5:18:09 PM
 Sohil
 APPROVED
 Manual Integrations
 104.00 15.60 0.00#

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.681min (+0.001) 0.20ng/ul m

response 4761

JU 3/30/18

3/29/2018 5:18:09 PM

Sohil

APPROVED

Manual Integrations

0.00#

0.00#

0.00#

0.00#

0.00#

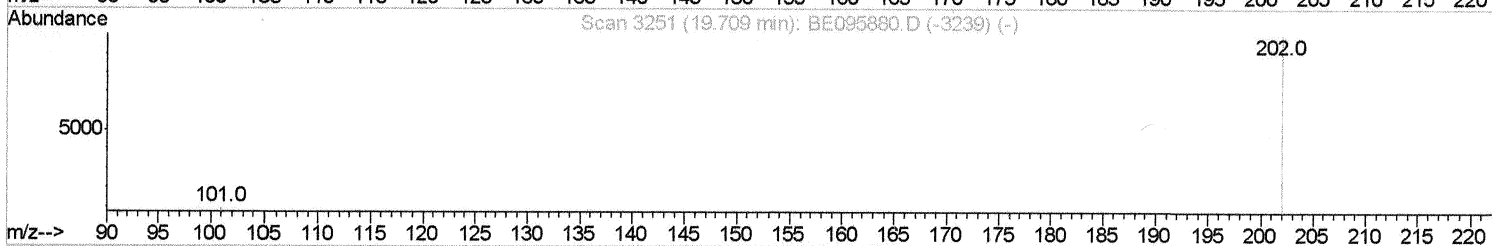
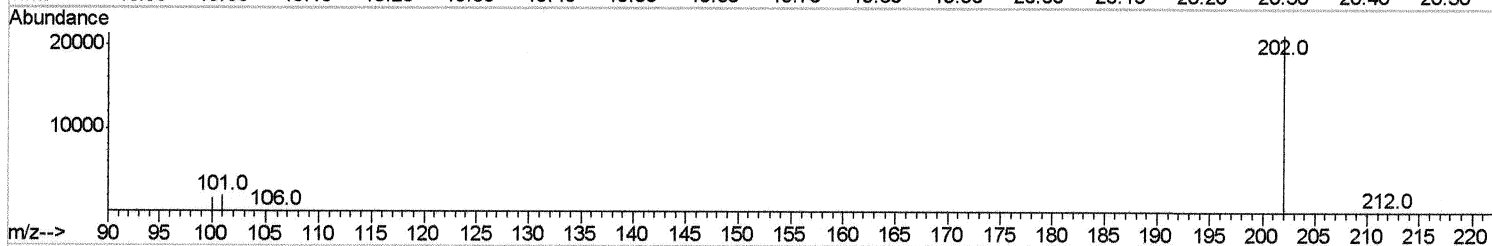
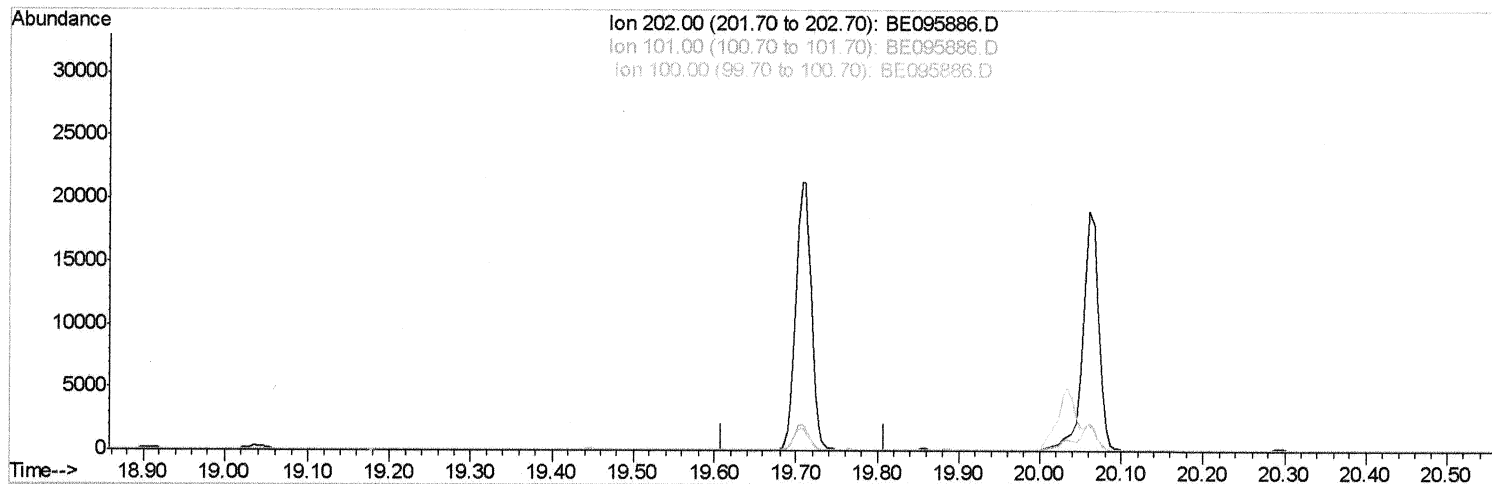
0.00#

0.00#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



TIC: BE095886.D

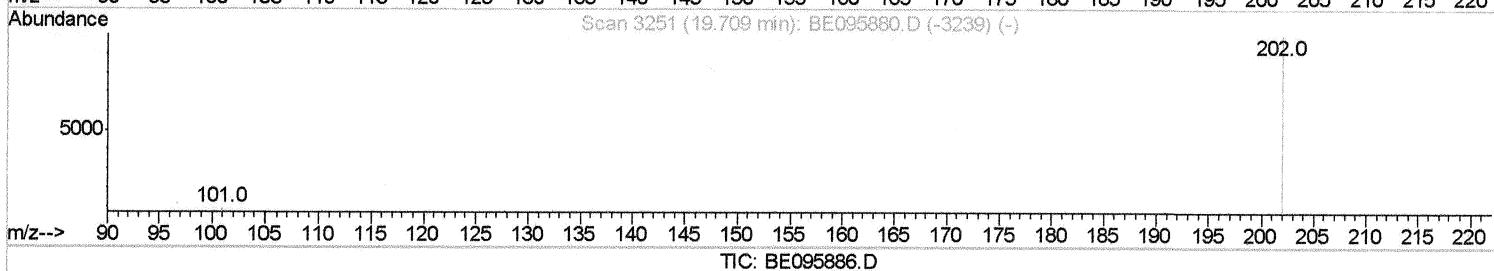
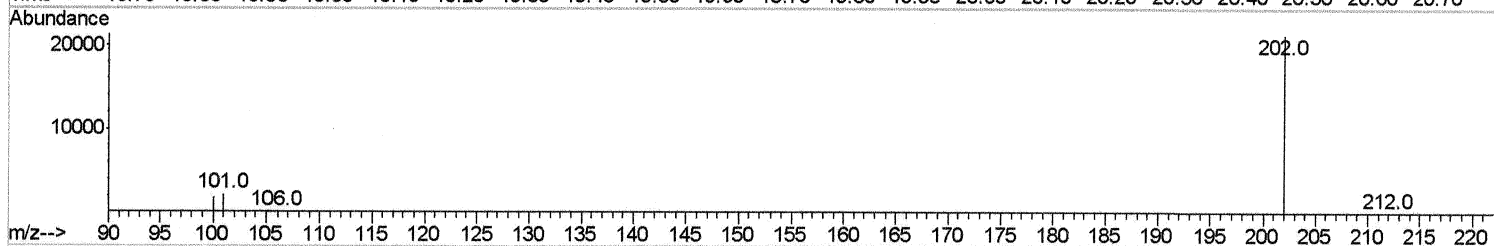
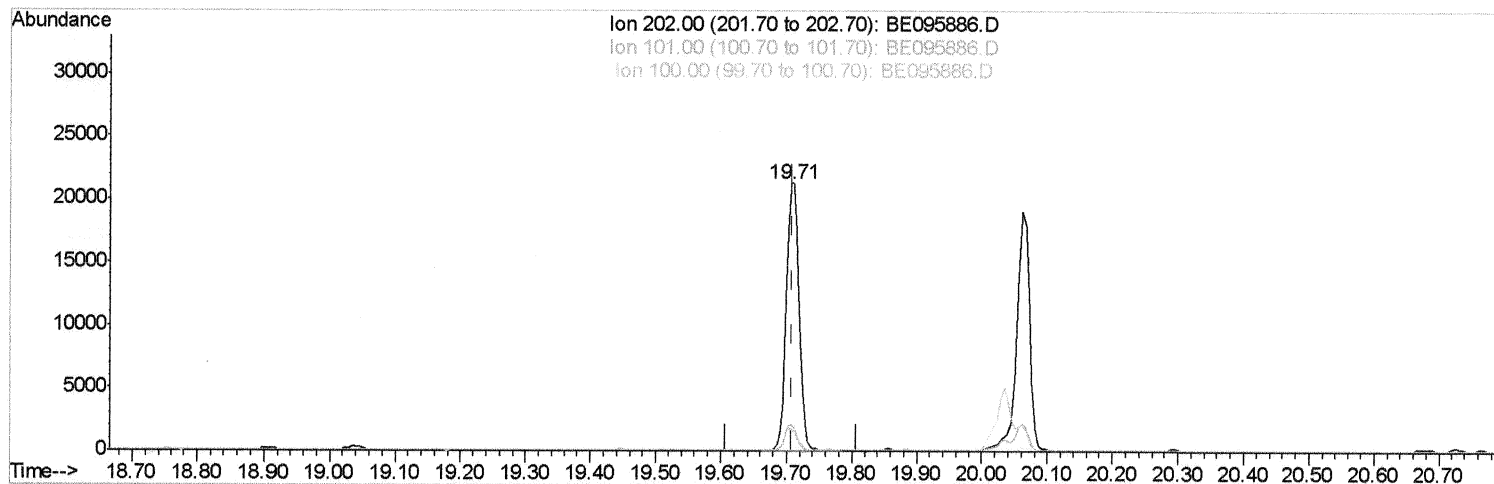
(15) Fluoranthene (C)
 19.709min (-19.709) 0.00ng/ul
 response 0

Instrument : BNA_E
 ClientSampleId : COAS6
 Manual Integrations : 0.00
 APPROVED : 0.00
 SOH : 0.00
 3/29/2018 5:18:09 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.706min (-0.003) 1.09ng/ul m

response 28987

JU 3/30/18

3/29/2018 5:18:09 PM

SOH

APPROVED

Manual Integrations

19.706min (-0.003) 1.09ng/ul m

COAS6

ClientSampled :

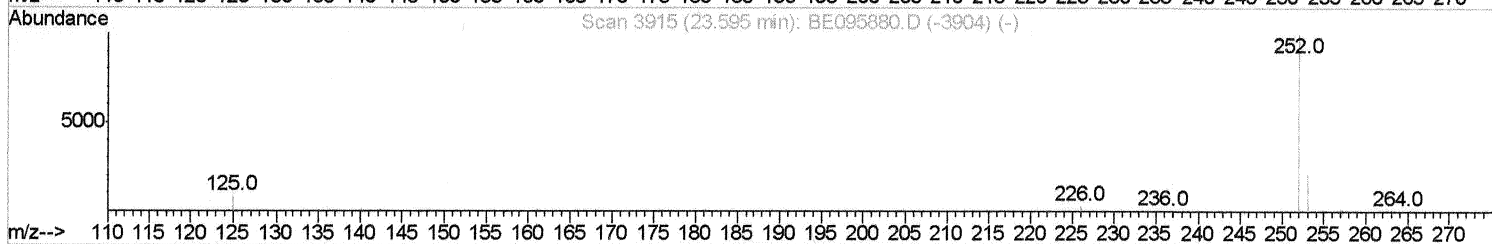
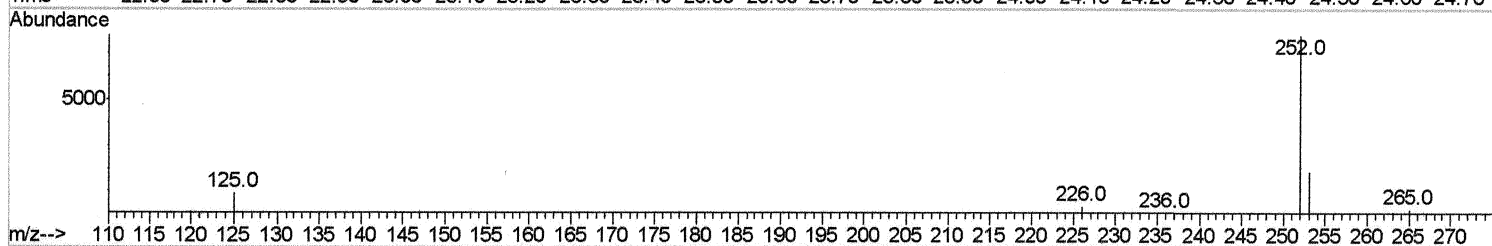
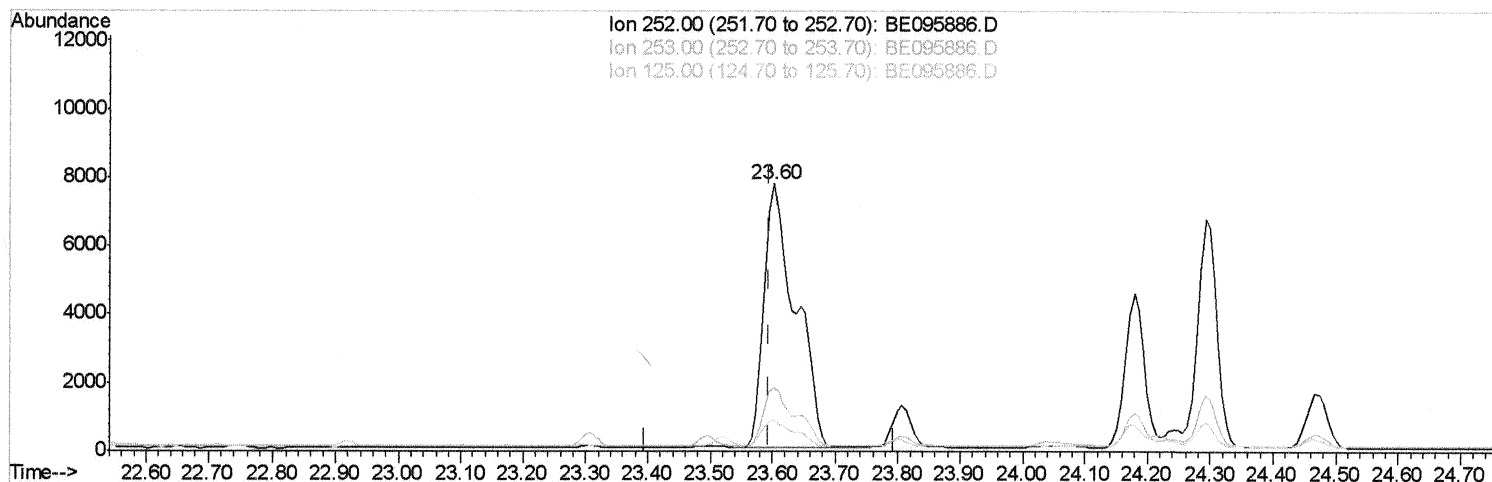
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



TIC: BE095886.D

(21) Benzo(b)fluoranthene

23.602min (+0.007) 0.97ng/ul

response 26642

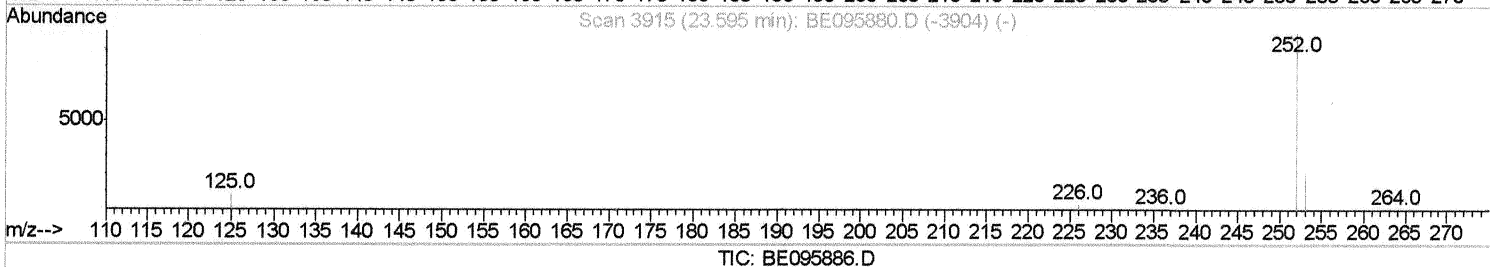
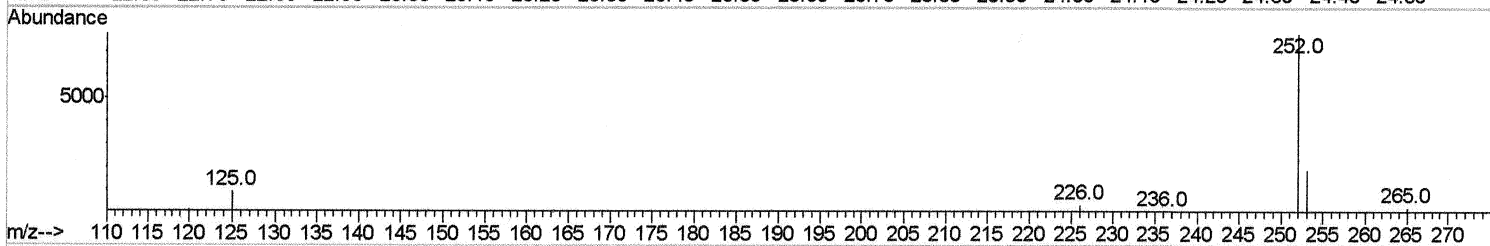
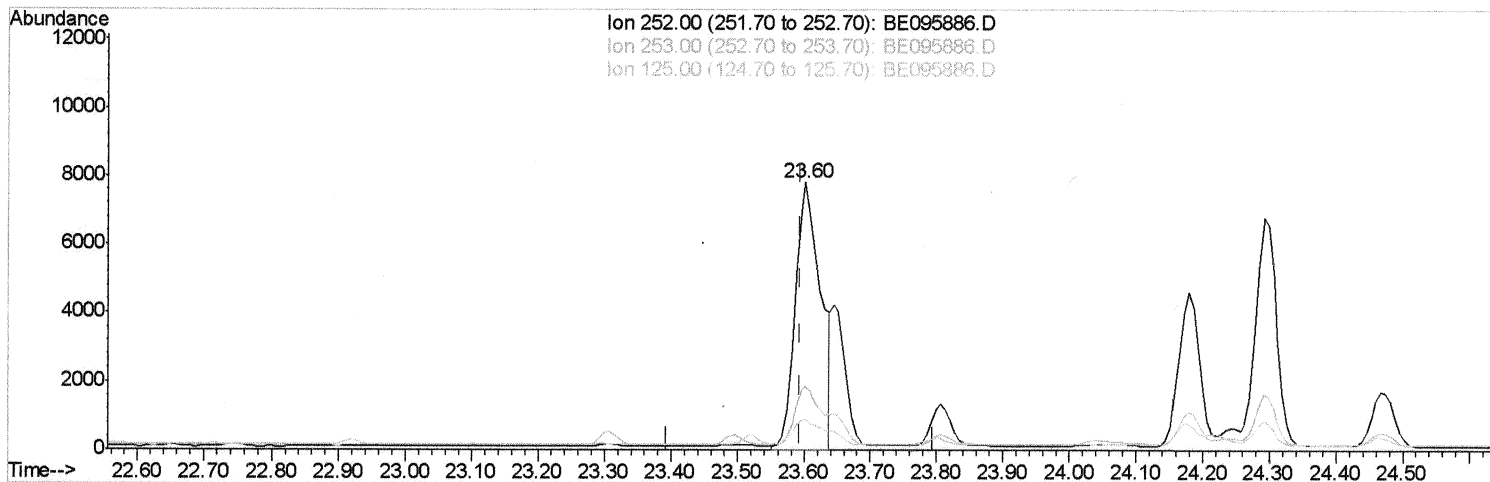
3/29/2018 5:18:09 PM
 Sohil
 APPROVED
 Manual Integrations
 125.00 17.50 11.79

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.602min (+0.007) 0.77ng/ul m

response 21093

10 3/30/18

3/29/2018 5:18:09 PM

SoH

APPROVED

Manual Integrations

125.00 17.50 11.79

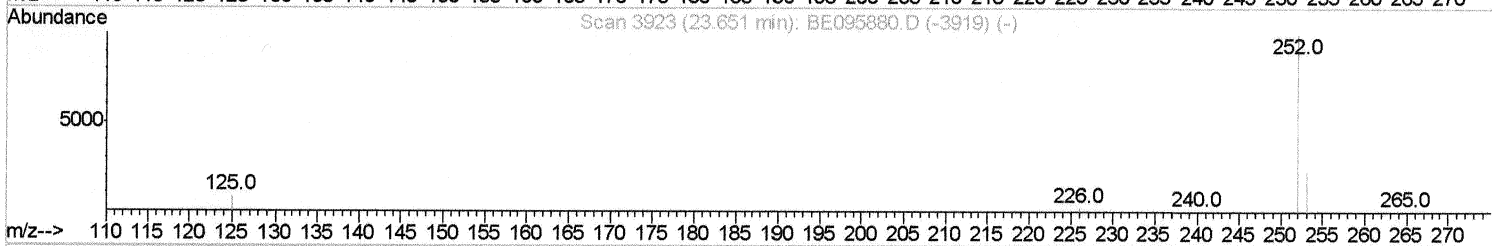
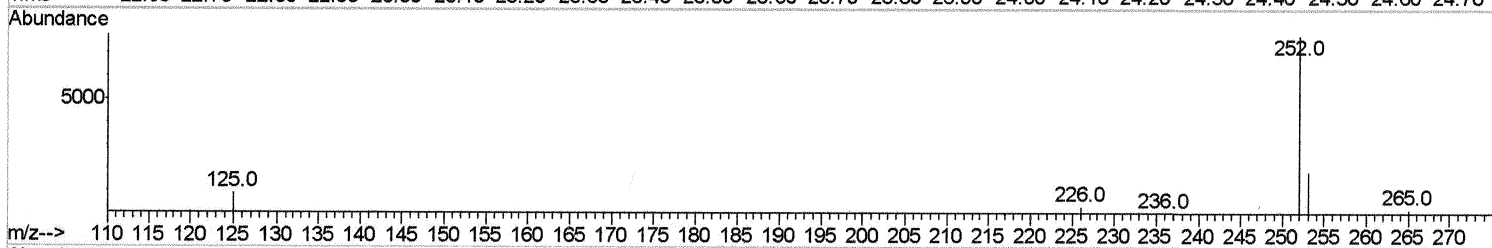
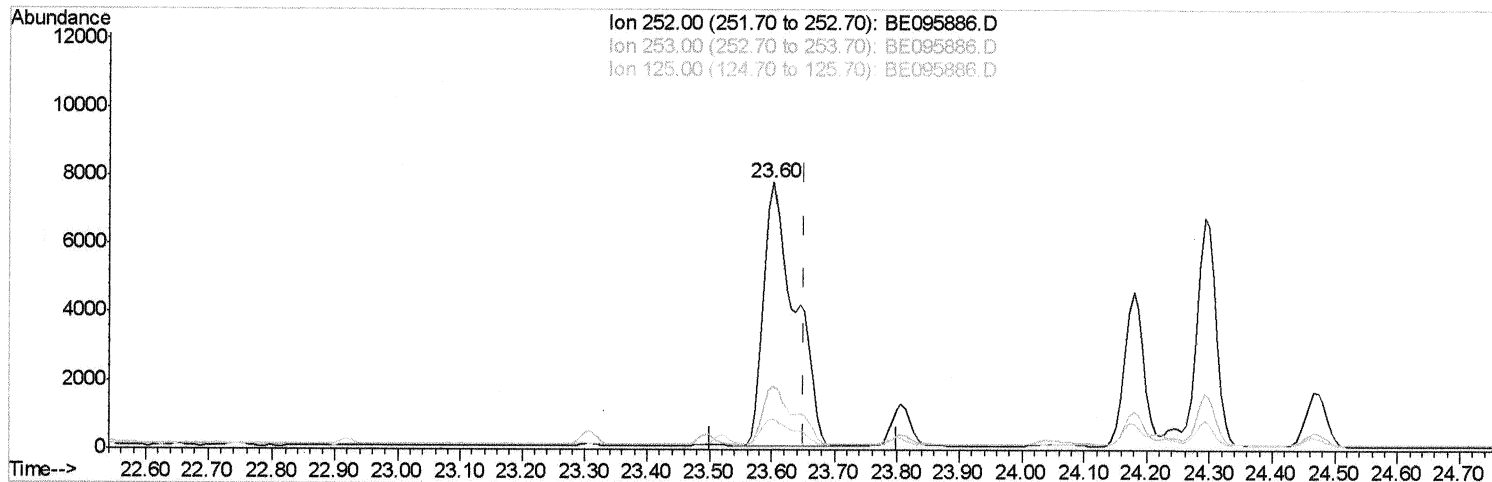
Client Sampled :

BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 23.602min (-0.050) 1.02ng/ul
 response 26642

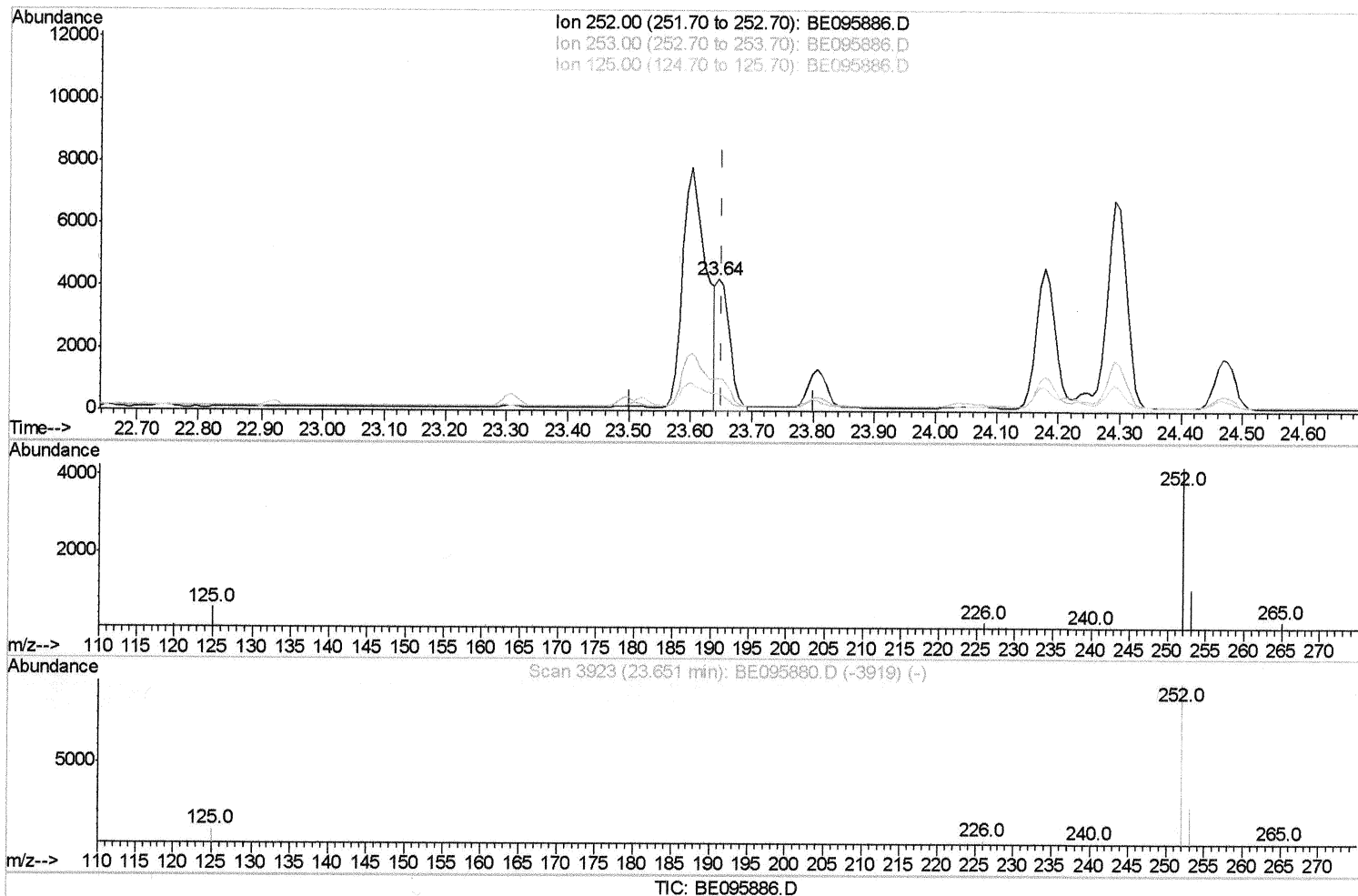
3/29/2018 5:18:09 PM
 Sohil
 APPROVED
 Manual Integrations
 4.03#
 11.79#

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:33:32 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 04:43:20 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.644min (-0.007) 0.24ng/ul m

response 6341

JU 3/30/18

3/29/2018 5:18:09 PM

Sohil

APPROVED

Manual Integrations

12.00 17.10 13.50#

COAS6

Client Sampled :

BNA_E

Instrument :

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095886.D
 Acq On : 28 Mar 2018 20:42
 Operator : SJ/JU
 Sample : J1951-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 05:35:18 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 29 04:43:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1677	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	4581	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2963	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7362m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7539m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	7916	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.79	152	1532	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	4761m	0.20	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	11.29	128	1163	0.091	ng/ul#	81
5) 2-Methylnaphthalene	12.87	142	354	0.040	ng/ul	97
8) Acenaphthene	15.06	153	1039	0.092	ng/ul	93
9) Fluorene	16.02	166	765	0.063	ng/ul	91
12) Phenanthrene	17.74	178	12363m	0.561	ng/ul	} JU 3/30/18
13) Anthracene	17.83	178	3580m	0.174	ng/ul	
15) Fluoranthene	19.71	202	28987m	1.085	ng/ul	
17) Pyrene	20.06	202	28996	1.013	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	18671	0.768	ng/ul#	85
19) Chrysene	21.83	228	14717	0.594	ng/ul	99
21) Benzo(b)fluoranthene	23.60	252	21093m	0.769	ng/ul	> JU 3/30/18
22) Benzo(k)fluoranthene	23.64	252	6341m	0.243	ng/ul	
23) Benzo(a)pyrene	24.29	252	15244	0.609	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.21	276	9157	0.330	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.22	278	2474	0.111	ng/ul#	96
26) Benzo(g,h,i)perylene	28.09	276	8351	0.350	ng/ul	94

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

3/29/2018 5:18:09 PM

Sohil

APPROVED

Manual Integrations

Instrument : BNA_E
 Client Sample : COAS6