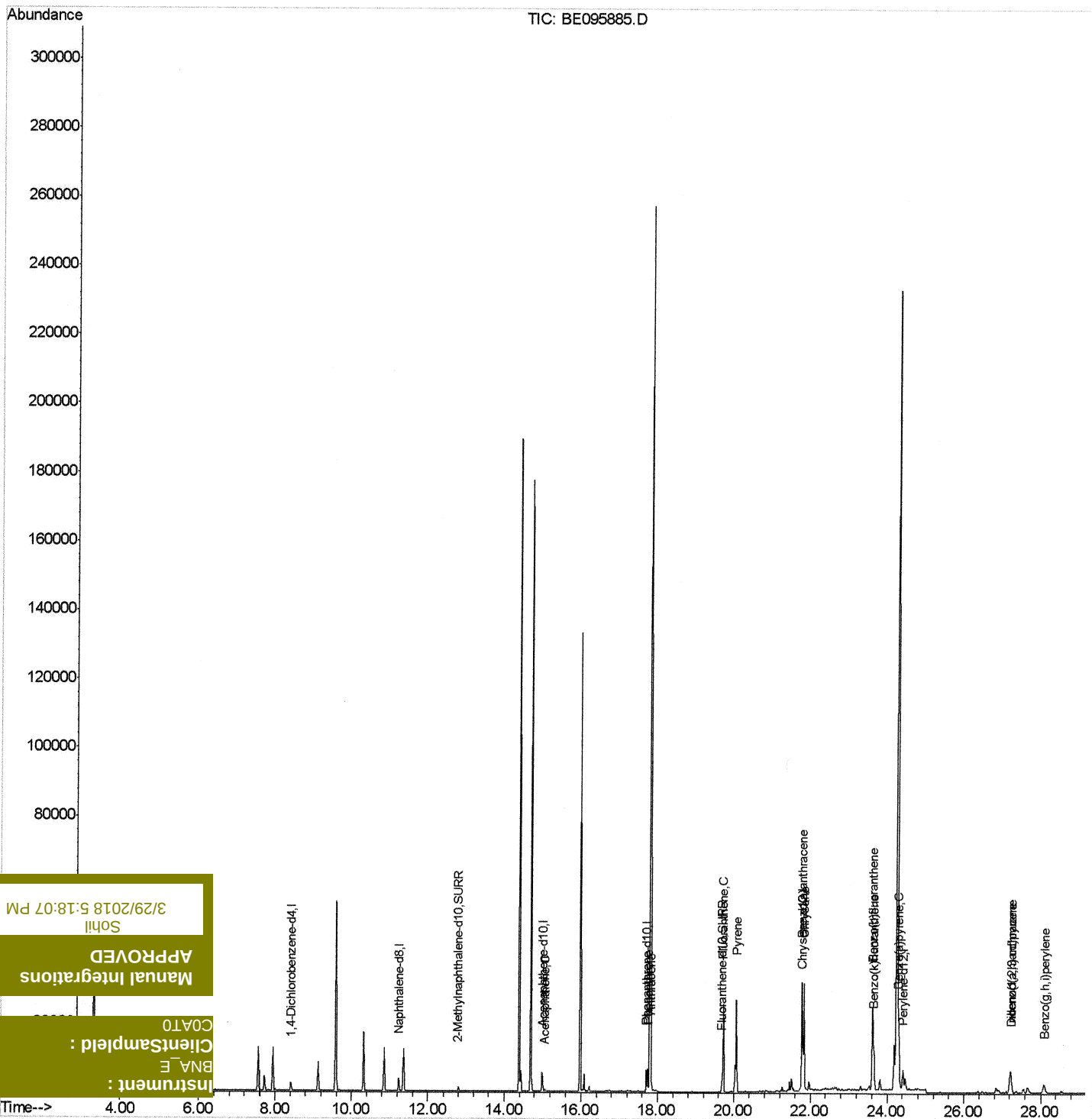


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

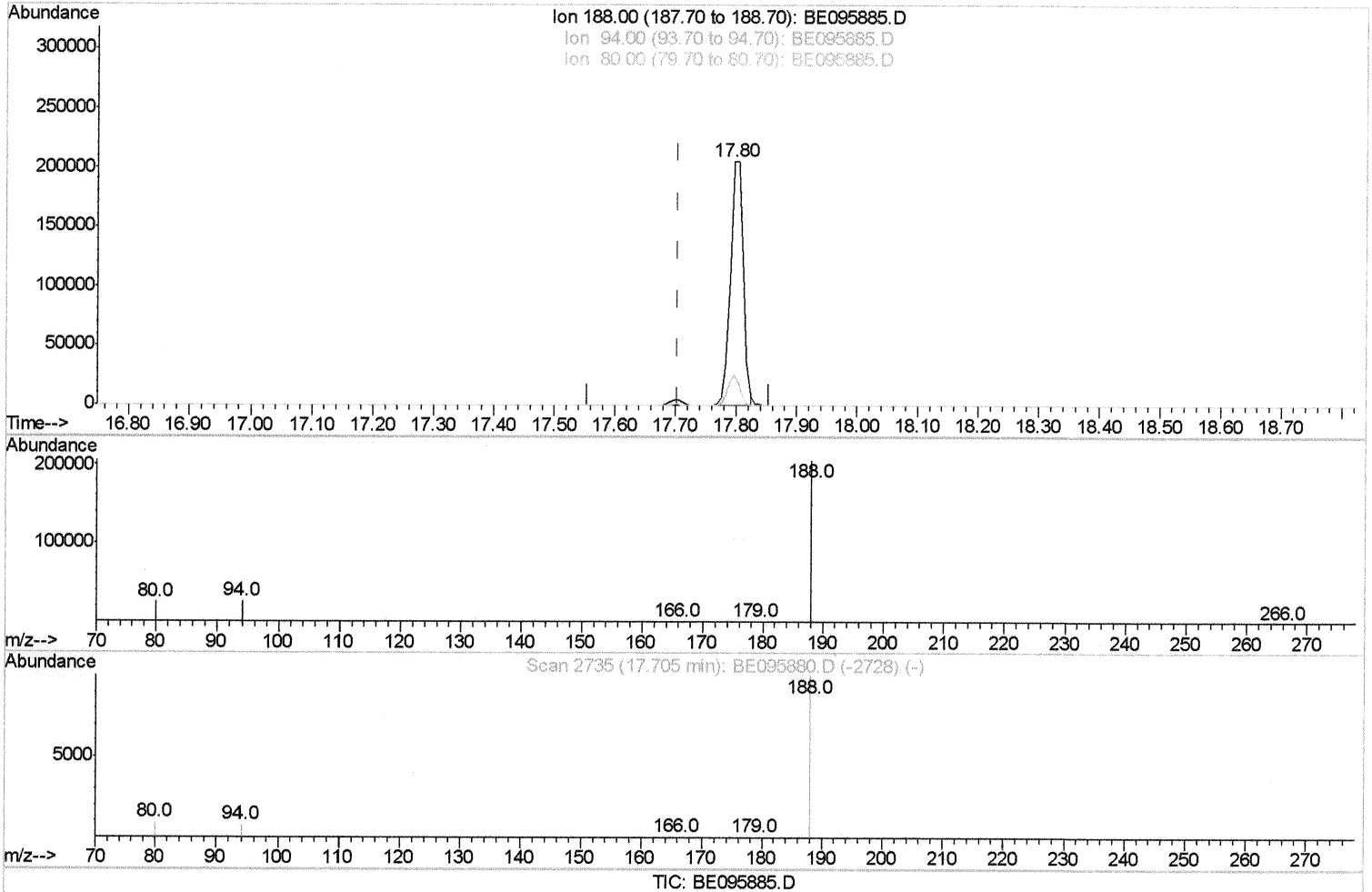
Quant Time: Mar 29 05:32:11 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 04:43:20 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 04:43:56 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 305498

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

12.34 11.80 10.08

COATO

ClientSampled :

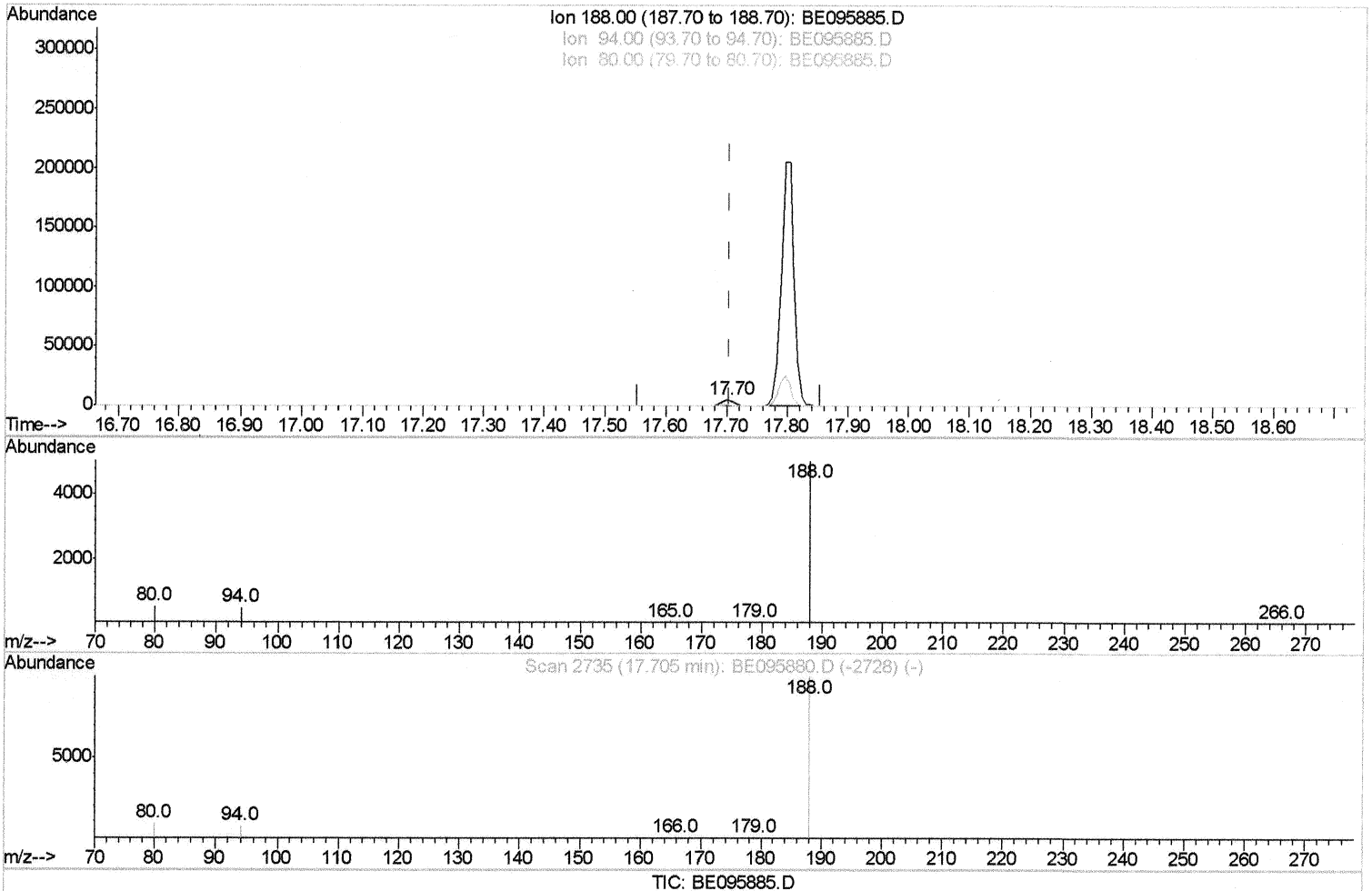
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 04:43:56 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)

17.704min (-0.000) 0.40ng/ul m

response 7541

JU 3/30/18

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

80.00 11.80 10.44

COATO

Client Sampled :

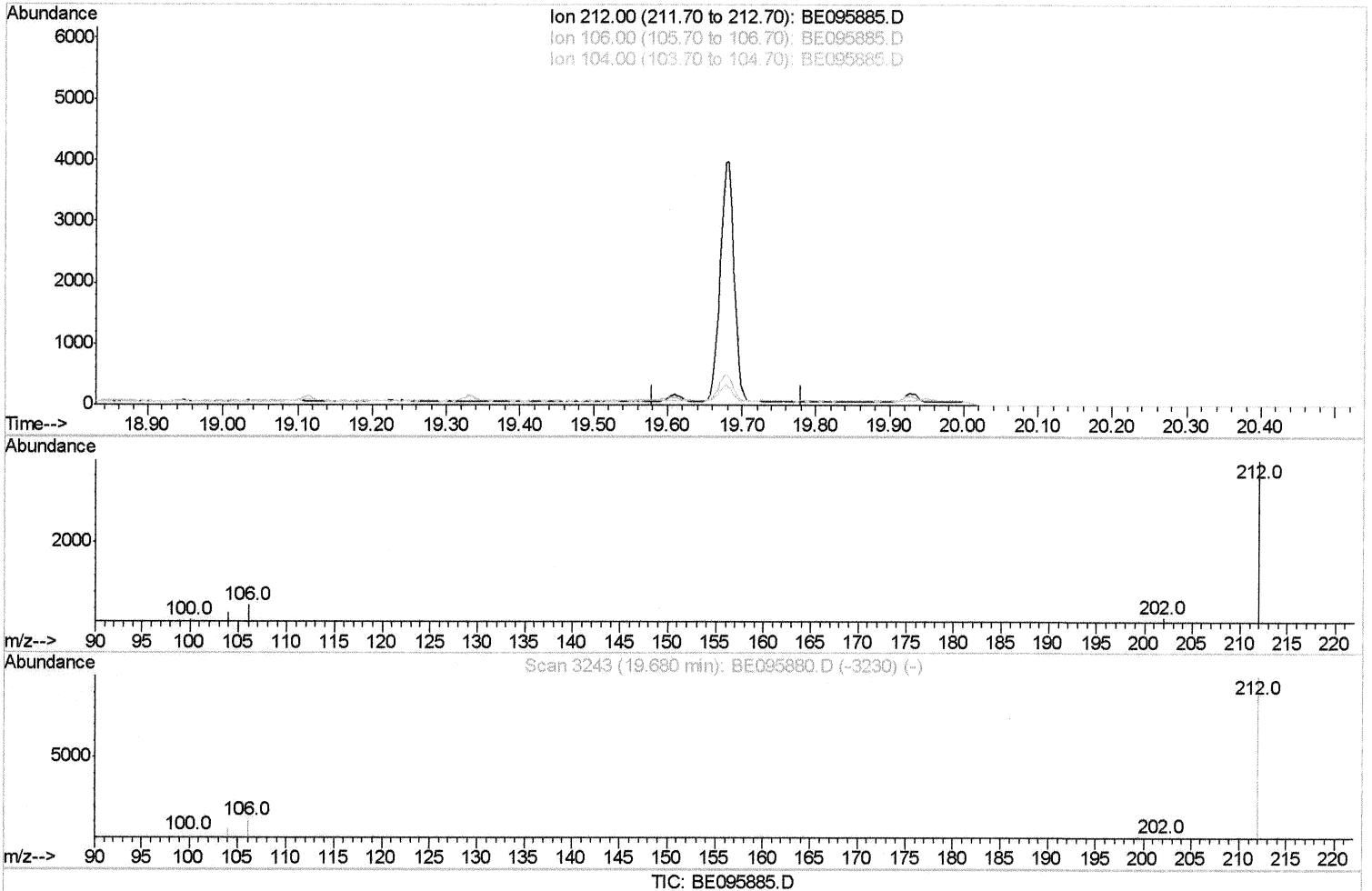
BNA E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 04:43:56 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

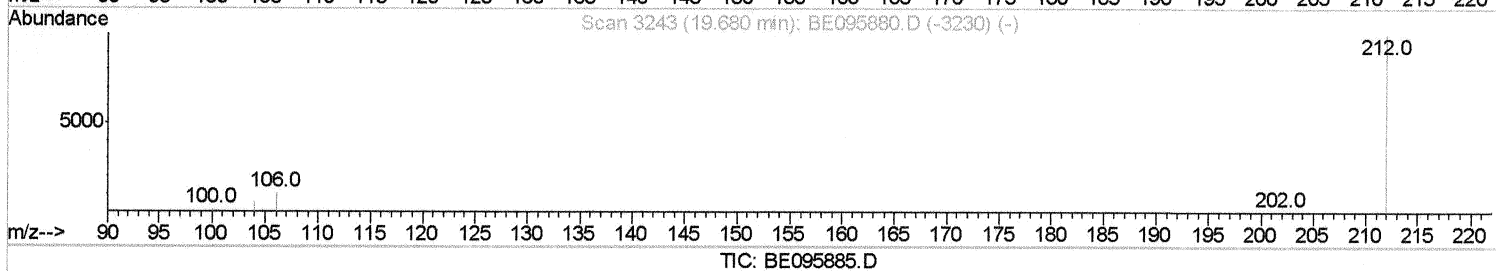
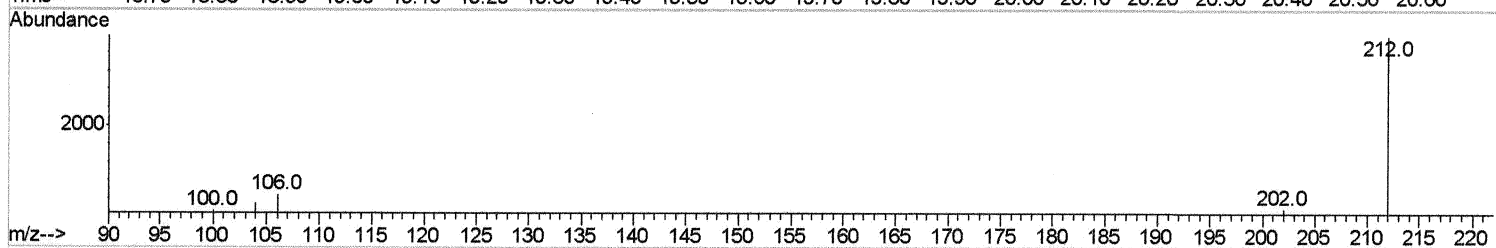
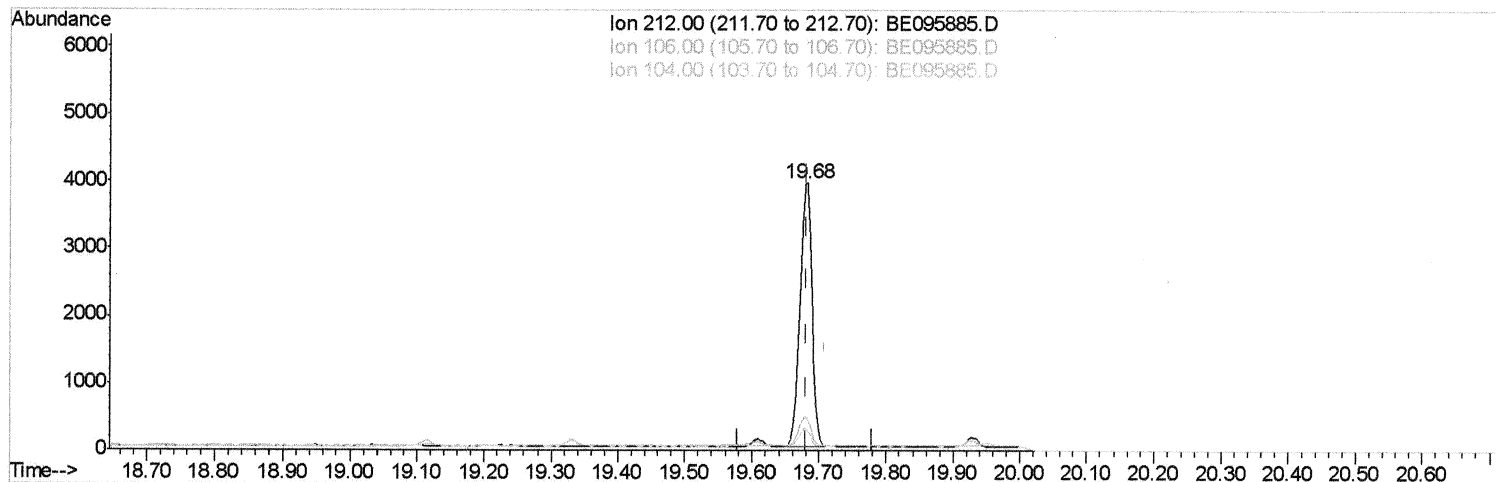
response 0

3/29/2018 5:18:07 PM
 SOH
 APPROVED
 Manual Integrations
 104.00 15.60 0.00#
 COAT0
 Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 04:43:56 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) 0.21ng/ul m

response 5121

JU 3/30/18

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

09.51 00.00#

04.00 00.00#

ClientSampled :

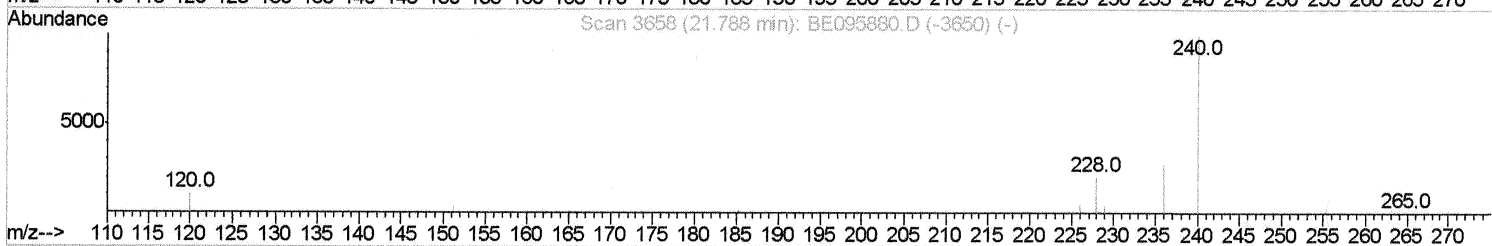
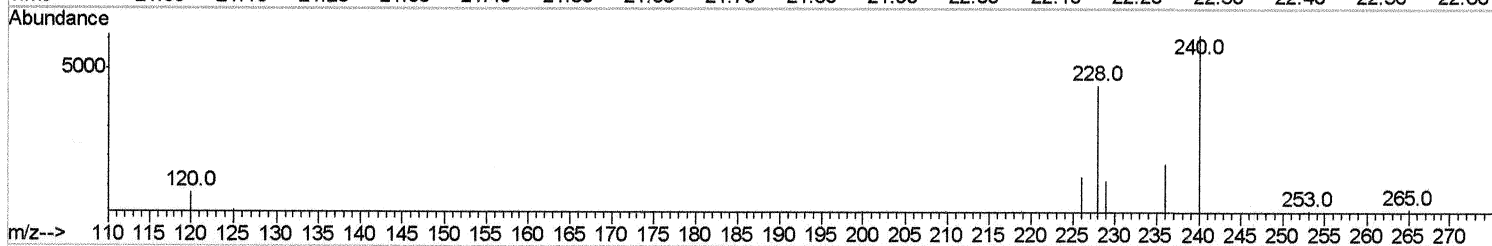
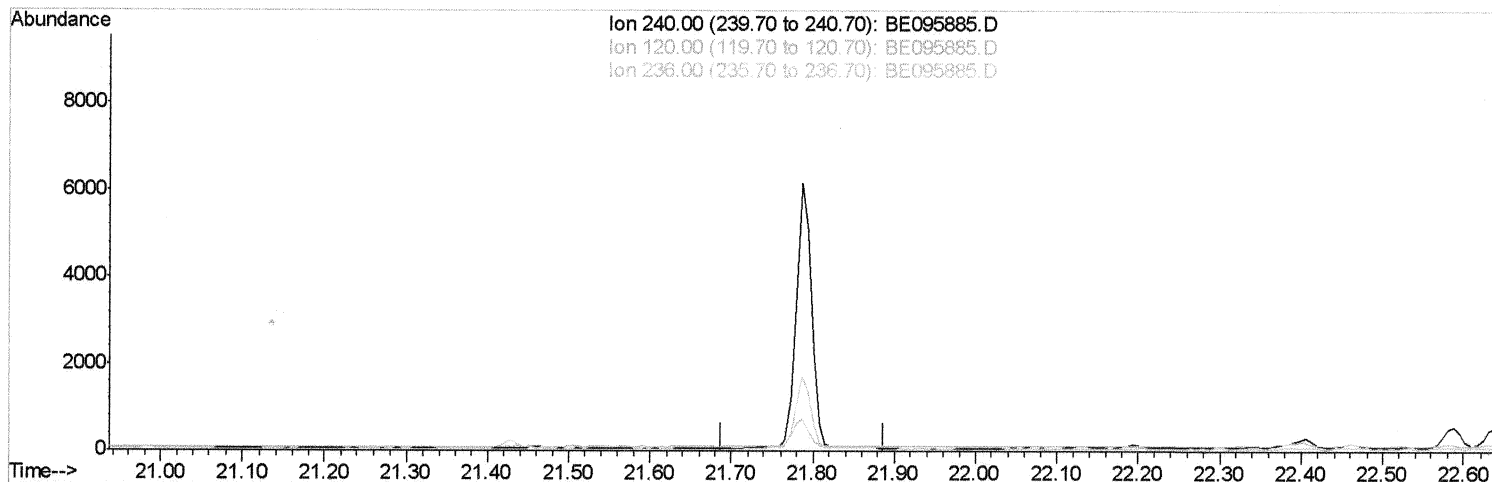
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 04:43:56 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: BE095885.D

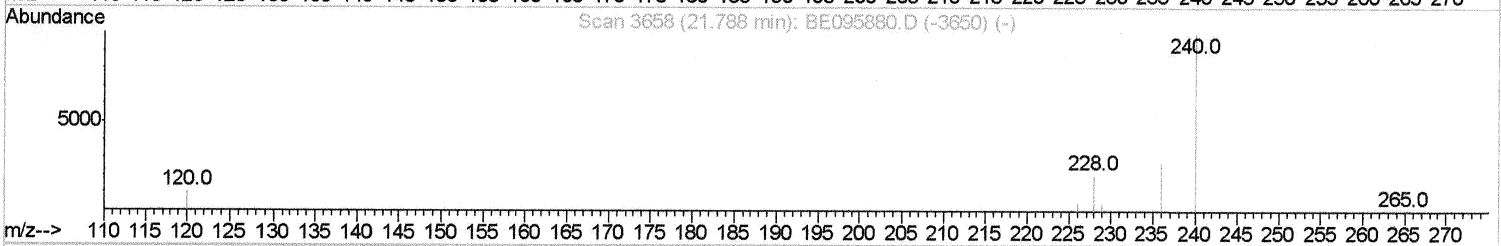
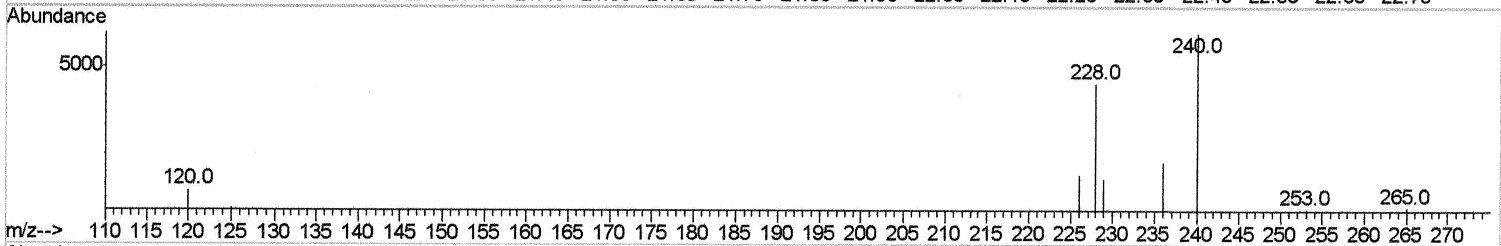
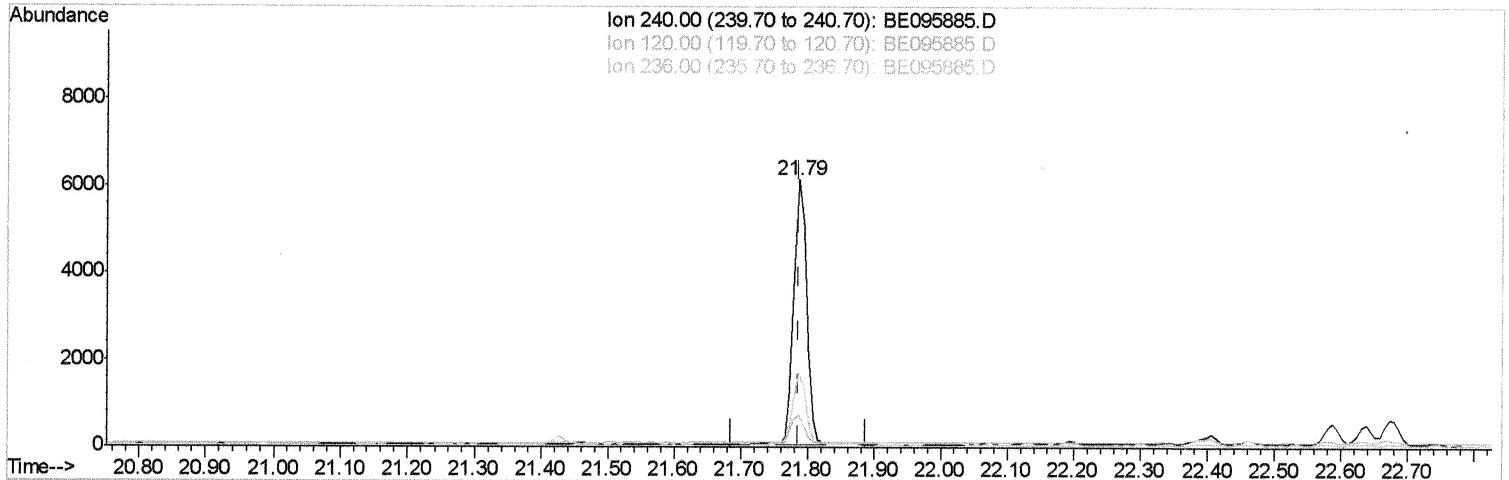
(16) Chrysene-d12 (I)
 21.788min (-21.788) 0.00ng/ul
 response 0

Instrument : BNA_E
 ClientSampled : COATO
 Manual Integrations : APPROVED
 SOH
 3/29/2018 5:18:07 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 04:43:56 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: BE095885.D

(16) Chrysene-d12 (I)

21.786min (-0.002) 0.40ng/ul m

response 8074

JU 3/30/18

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

27.91#

COATO

ClientSampled :

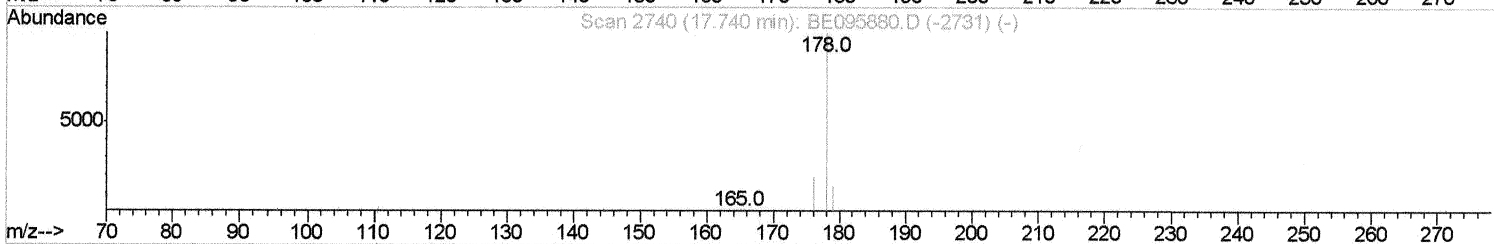
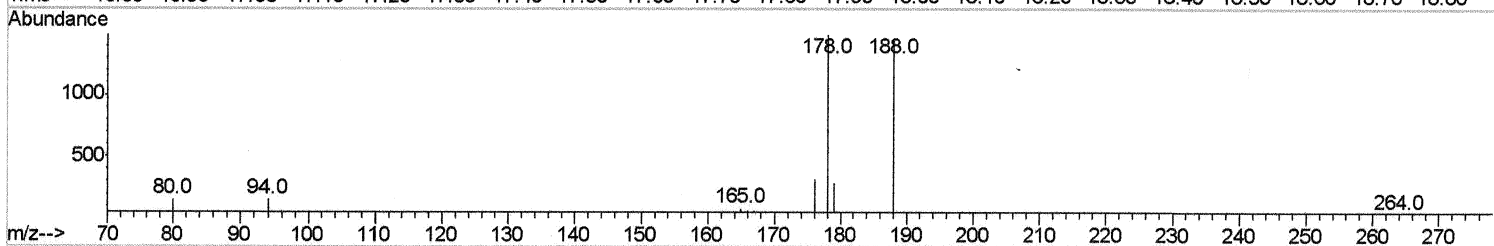
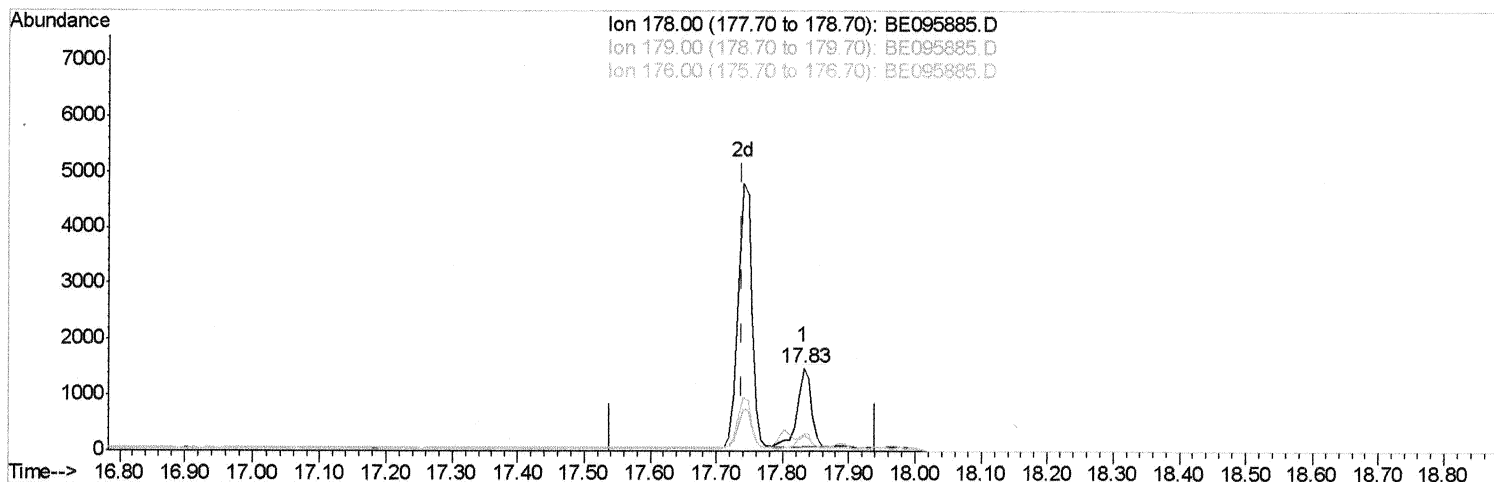
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(12) Phenanthrene

17.831min (+0.091) 0.09ng/ul

response 2114

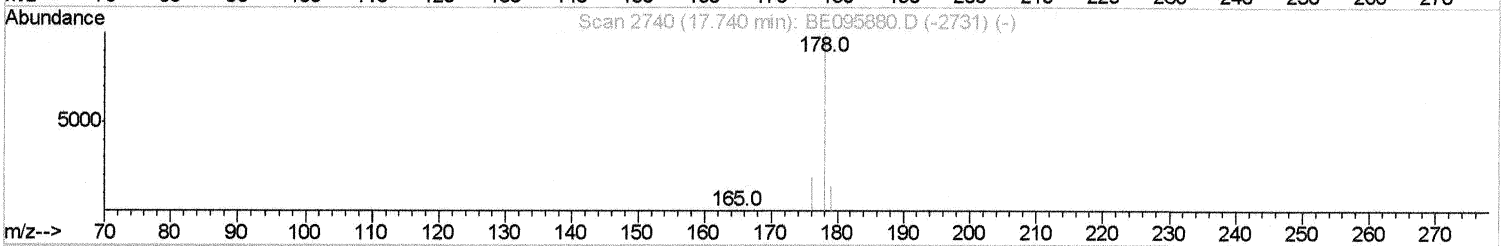
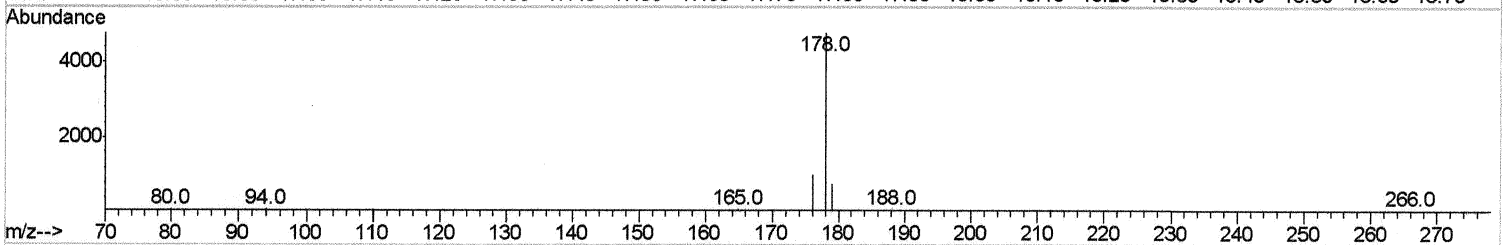
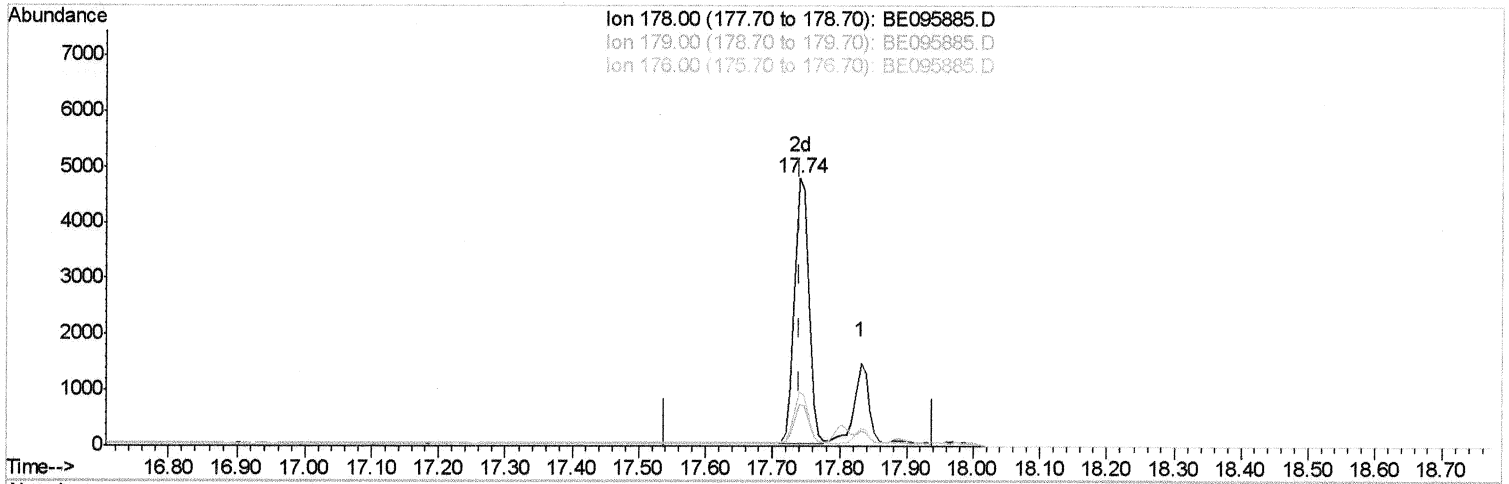
3/29/2018 5:18:07 PM
 Sohil
 APPROVED
 Manual Integrations
 176.00 17.00 21.37#

COAT0
 ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(12) Phenanthrene

17.740min (-0.000) 0.31ng/ul m

response 6976

Handwritten: JU 3/30/18

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

176.00 17.00 20.60#

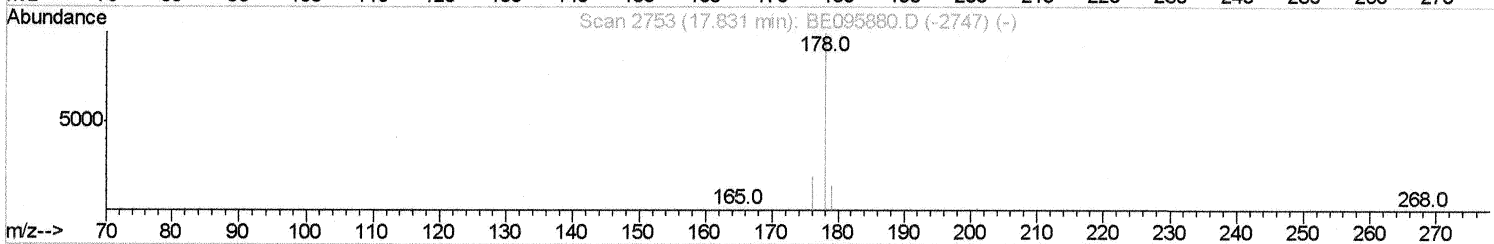
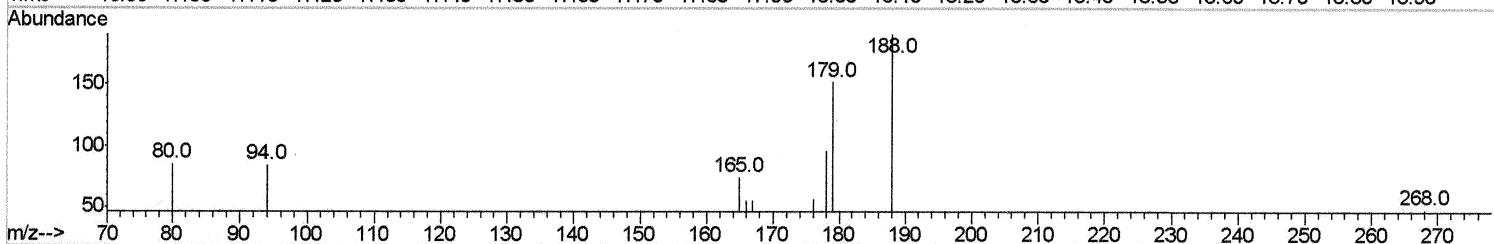
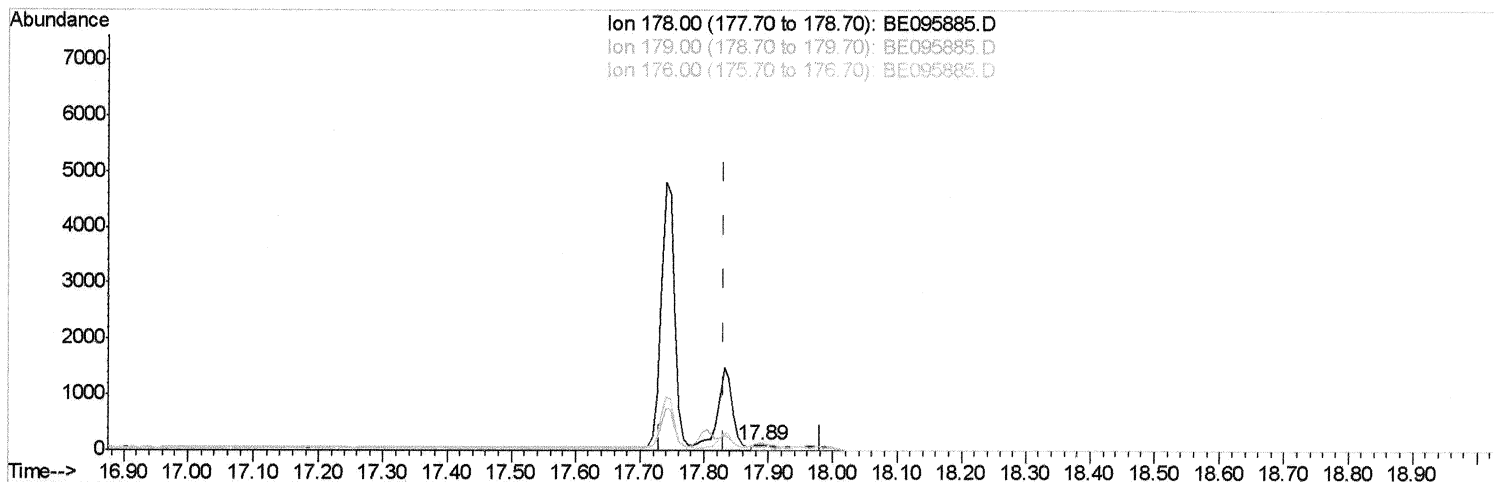
Client Sampled :

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(13) Anthracene
 17.887min (+0.056) 0.03ng/ul
 response 584

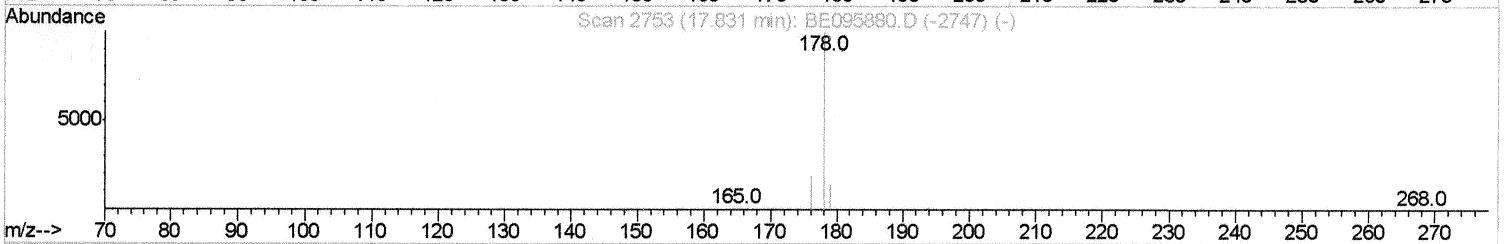
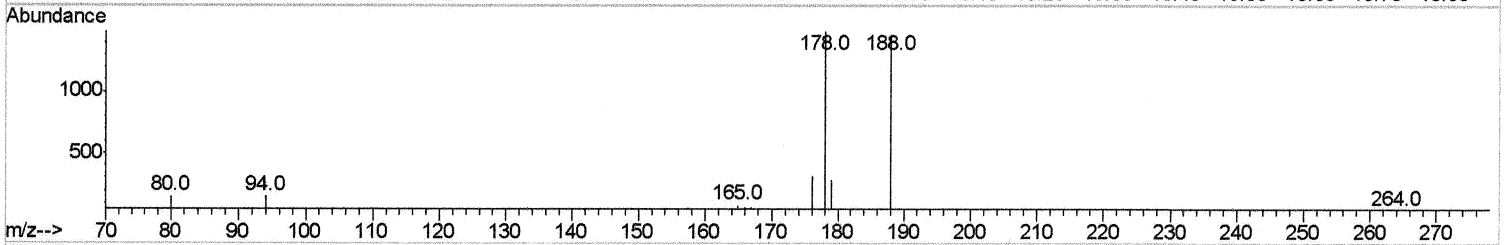
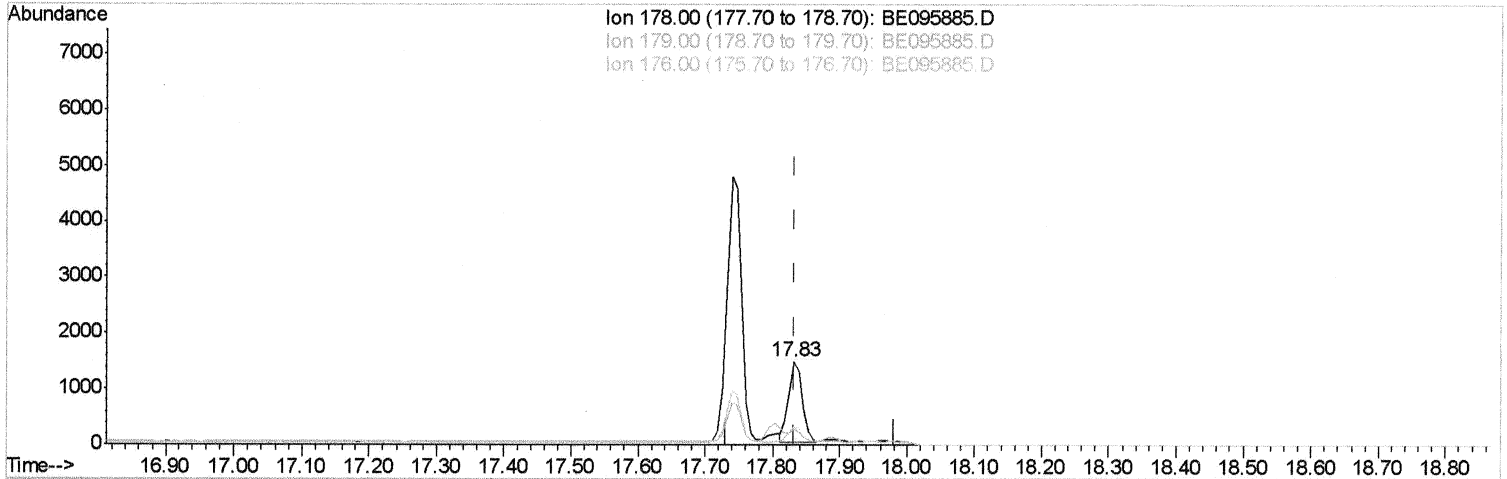
3/29/2018 5:18:07 PM
 SOH
 APPROVED
 Manual Integrations
 58.33#
 176.00 18.40 58.33#

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095885.D
Acq On : 28 Mar 2018 20:06
Operator : SJ/JU
Sample : J1951-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(13) Anthracene
17.831min (-0.000) 0.10ng/ul m
response 2075

SJ 3/30/18

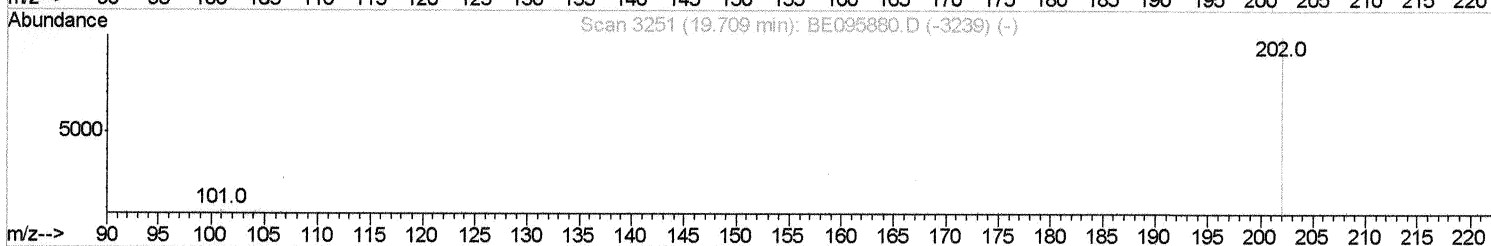
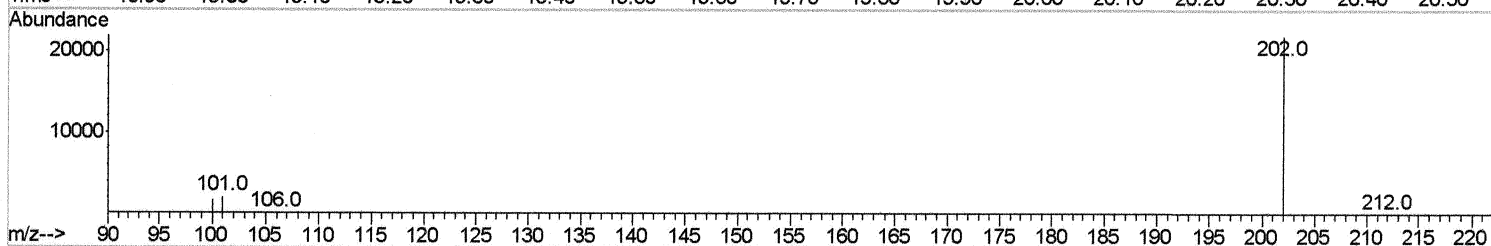
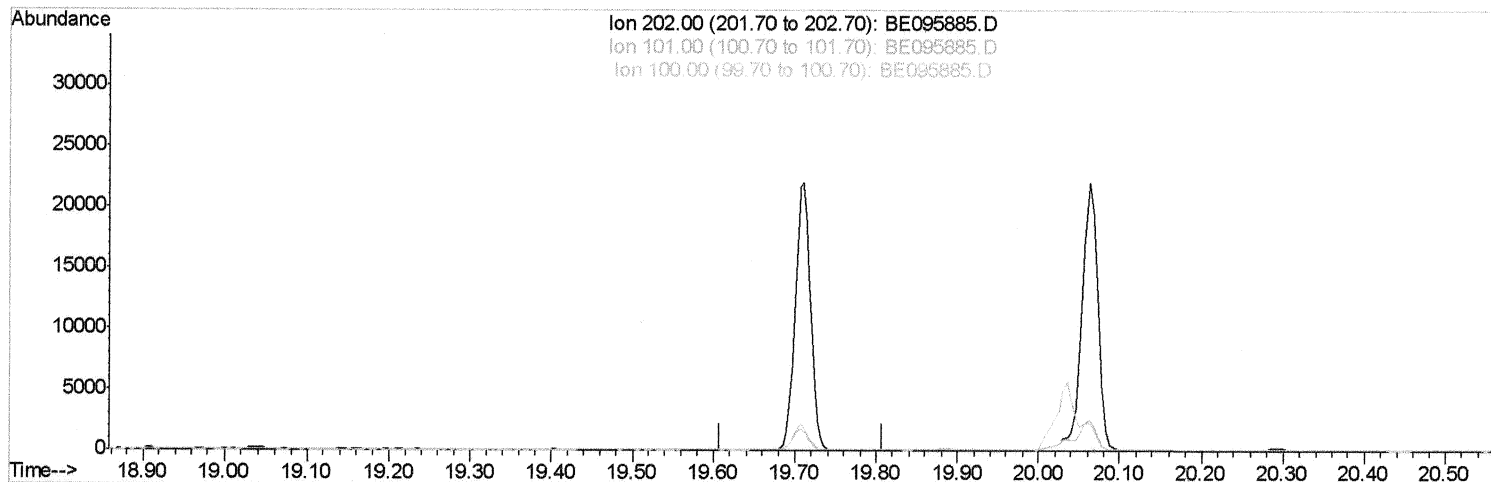
3/29/2018 5:18:07 PM
Sohil
APPROVED
Manual Integrations
9.09
176.00 18.40 21.37

Client Sampled :
BNA_E
Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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



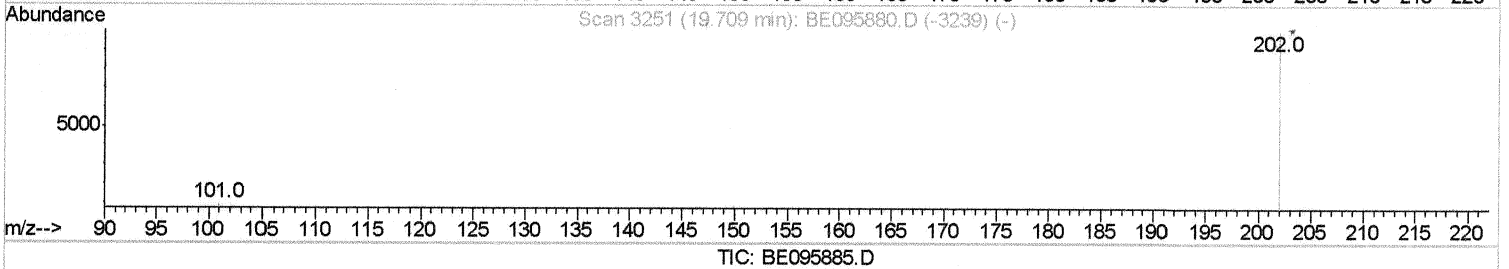
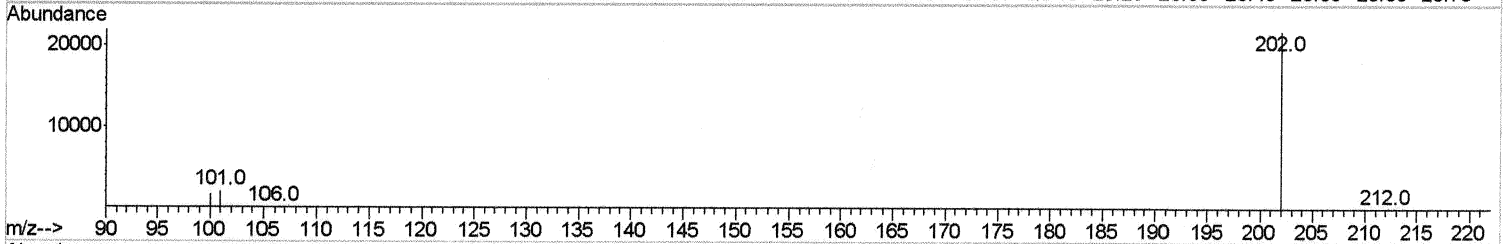
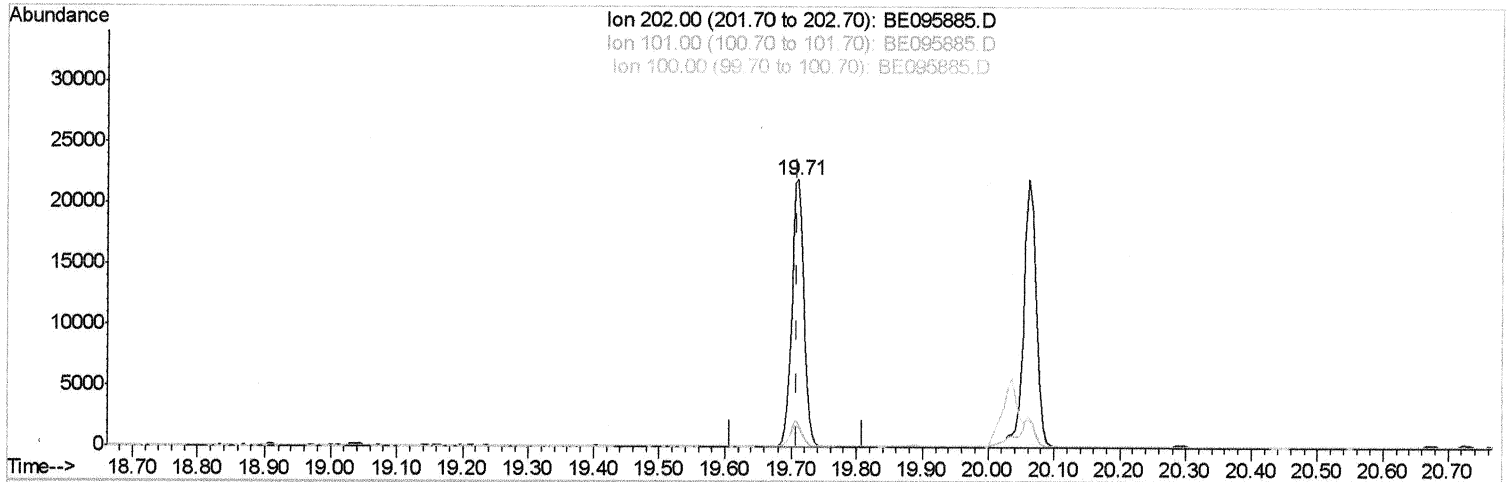
(15) Fluoranthene (C)
 19.709min (-19.709) 0.00ng/ul
 response 0

Instrument : BNA_E
 ClientSampleId : COAT0
 Manual Integrations
 APPROVED
 SOH
 3/29/2018 5:18:07 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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)

19.710min (+0.001) 1.07ng/ul m

response 29296

JU 3/30/18

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

05:00 00:00

05:00 00:00

Client Sampled :

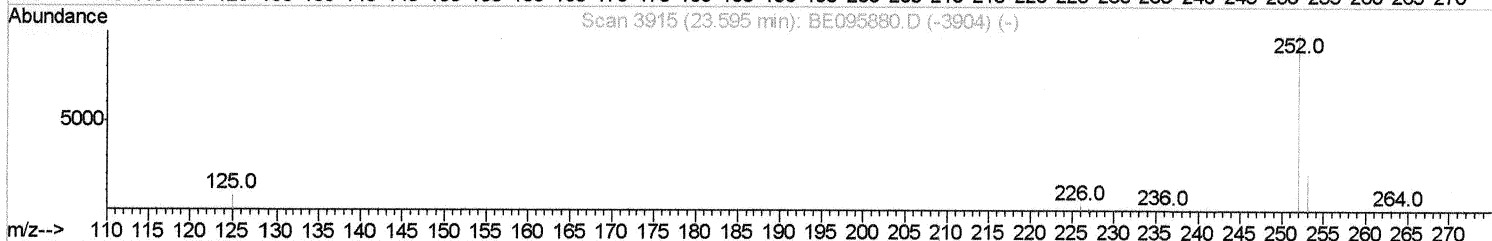
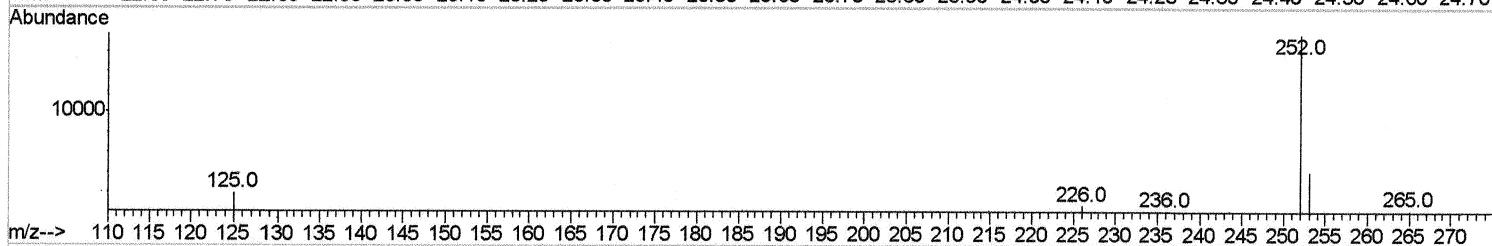
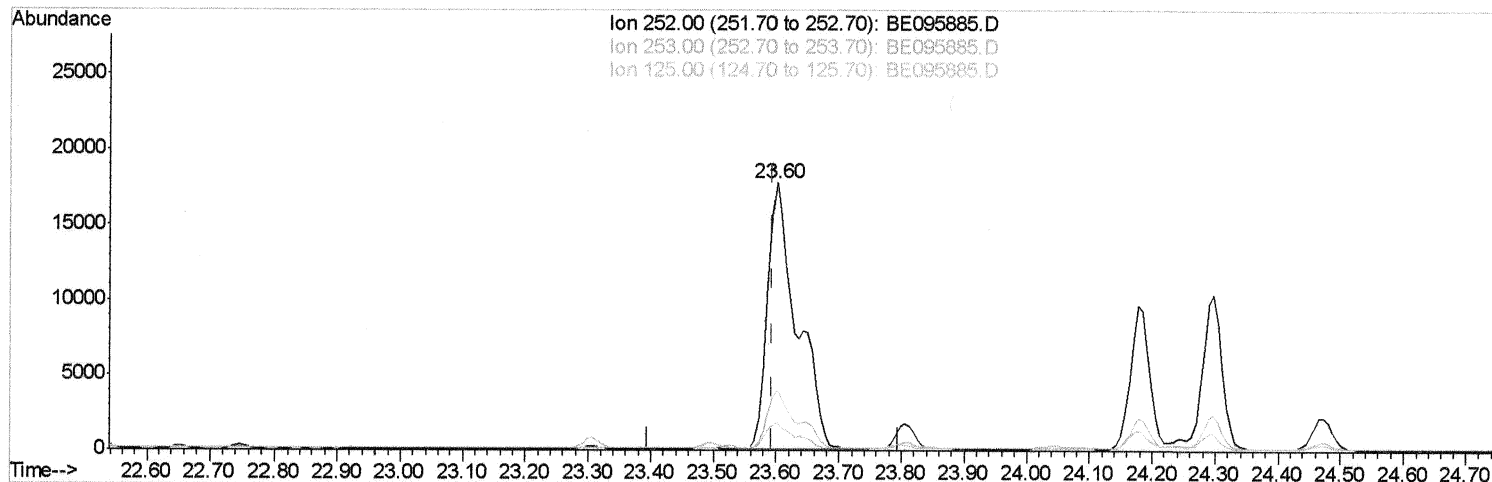
BNA_E

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(21) Benzo(b)fluoranthene

23.600min (+0.005) 1.90ng/ul

response 57019

3/29/2018 5:18:07 PM

Sohil

Manual Integrations
 APPROVED

125.00 17.00 10.31

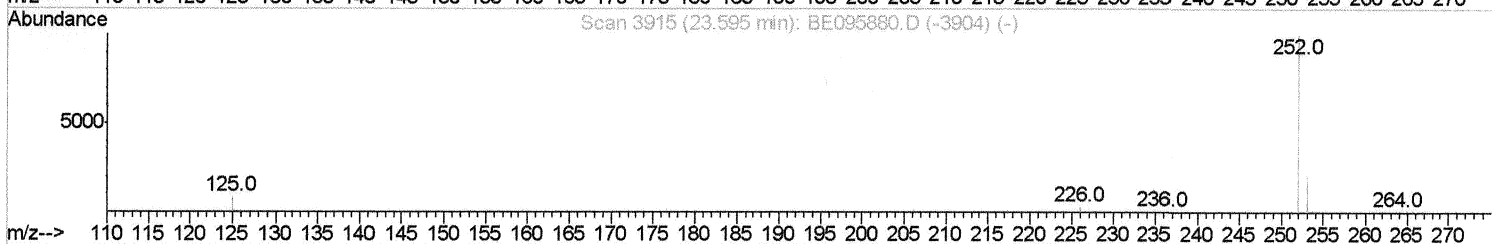
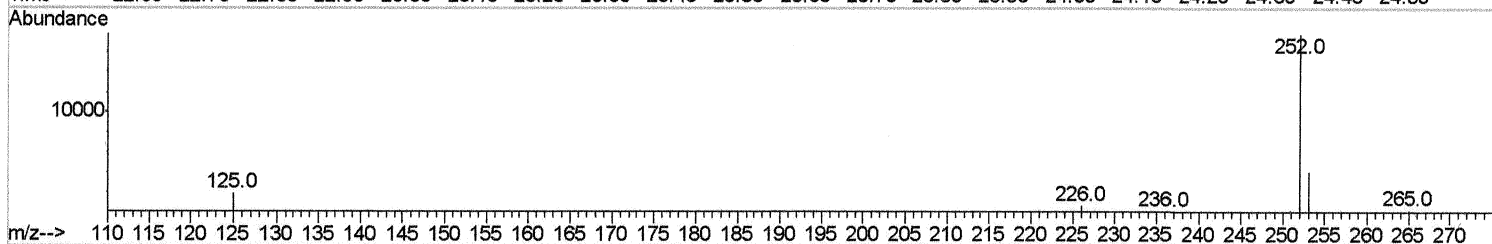
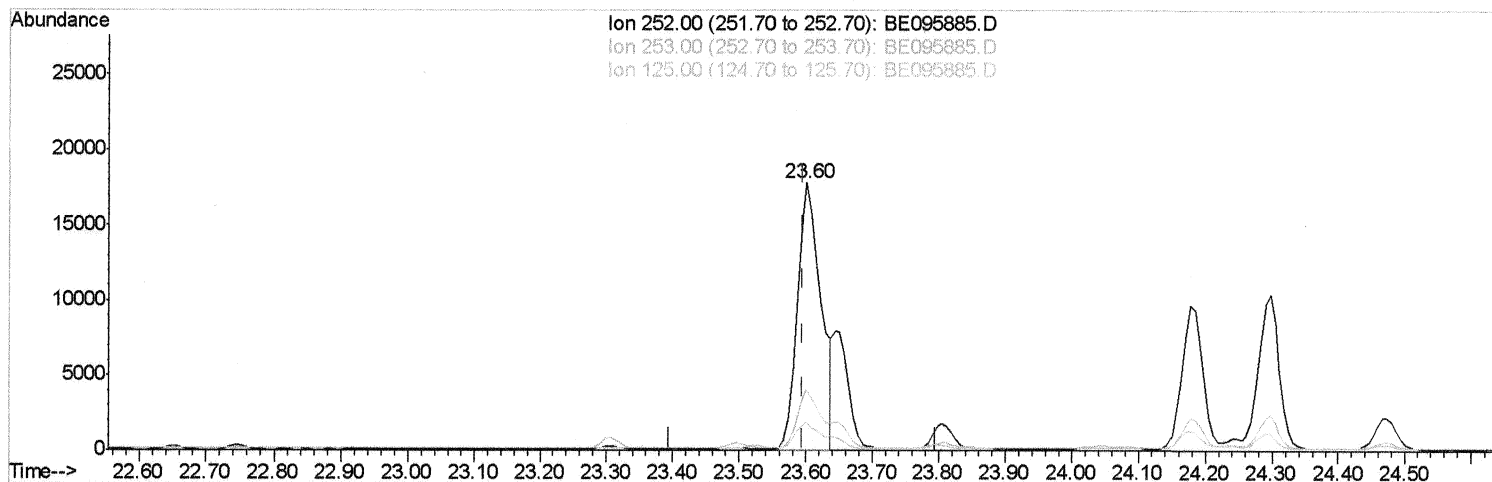
ClientSampled :
 BNA_E

Instrument :
 COATO

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(21) Benzo(b)fluoranthene
 23.600min (+0.005) 1.48ng/ul m
 response 44576

JU 3/30/18

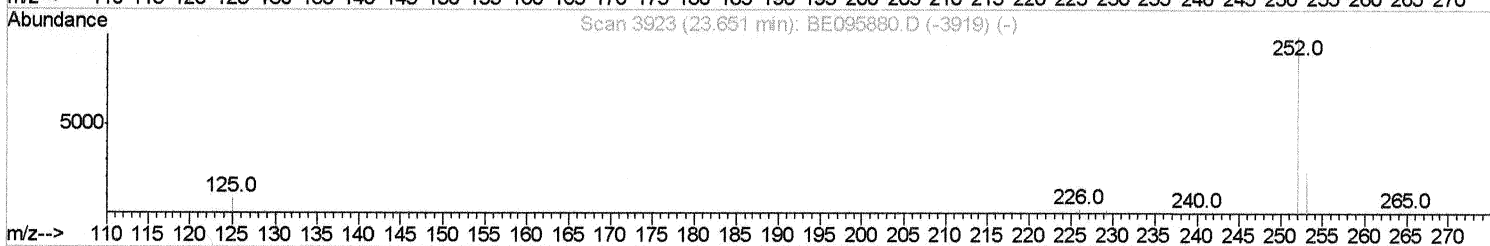
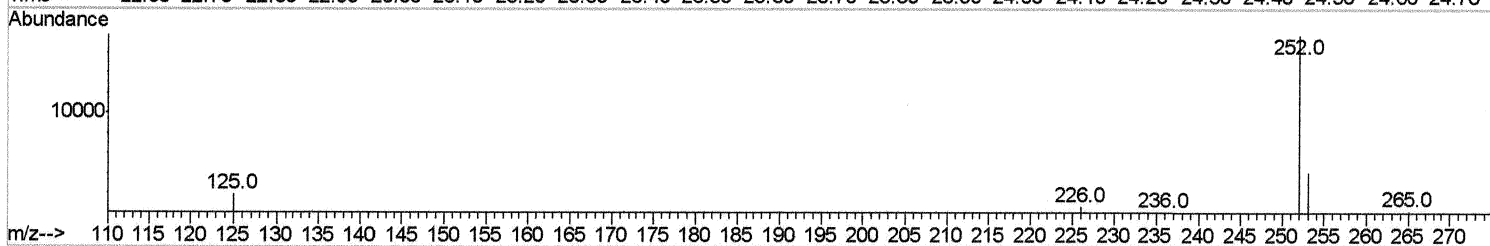
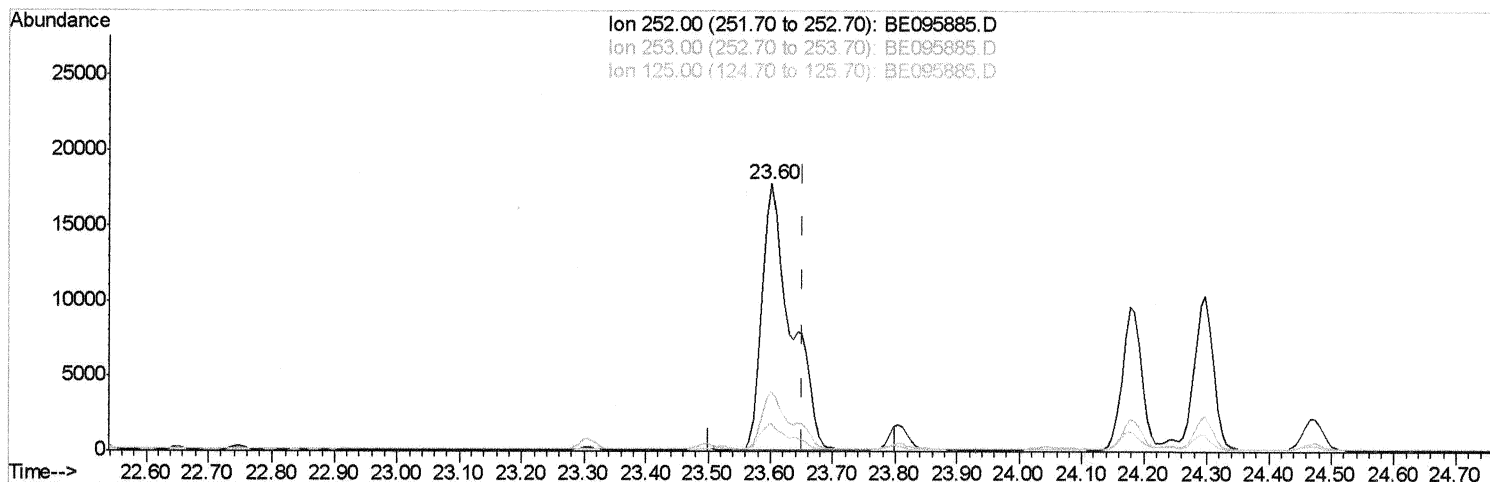
3/29/2018 5:18:07 PM
 Sohil
 APPROVED
 Manual Integrations
 125.00 17.50 10.31

Client Sampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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



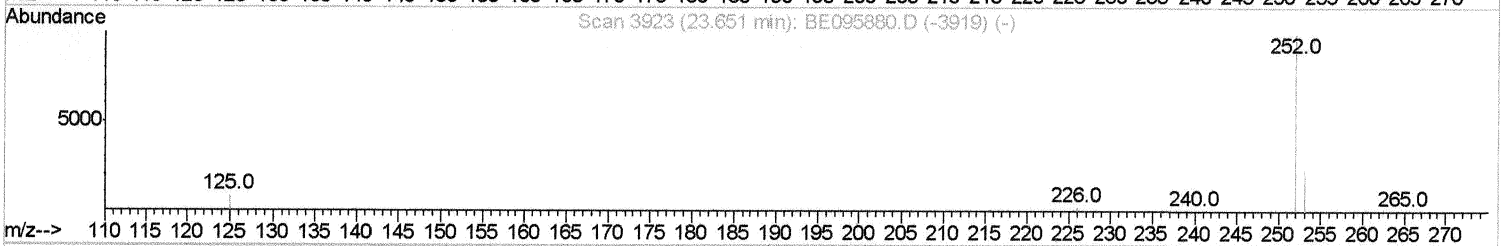
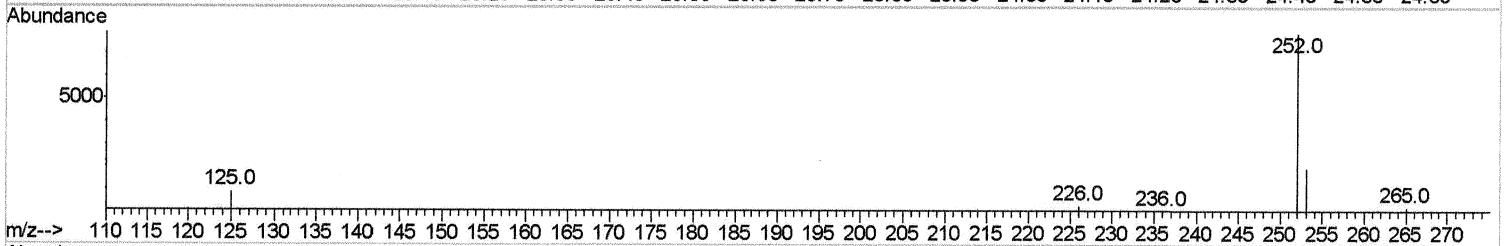
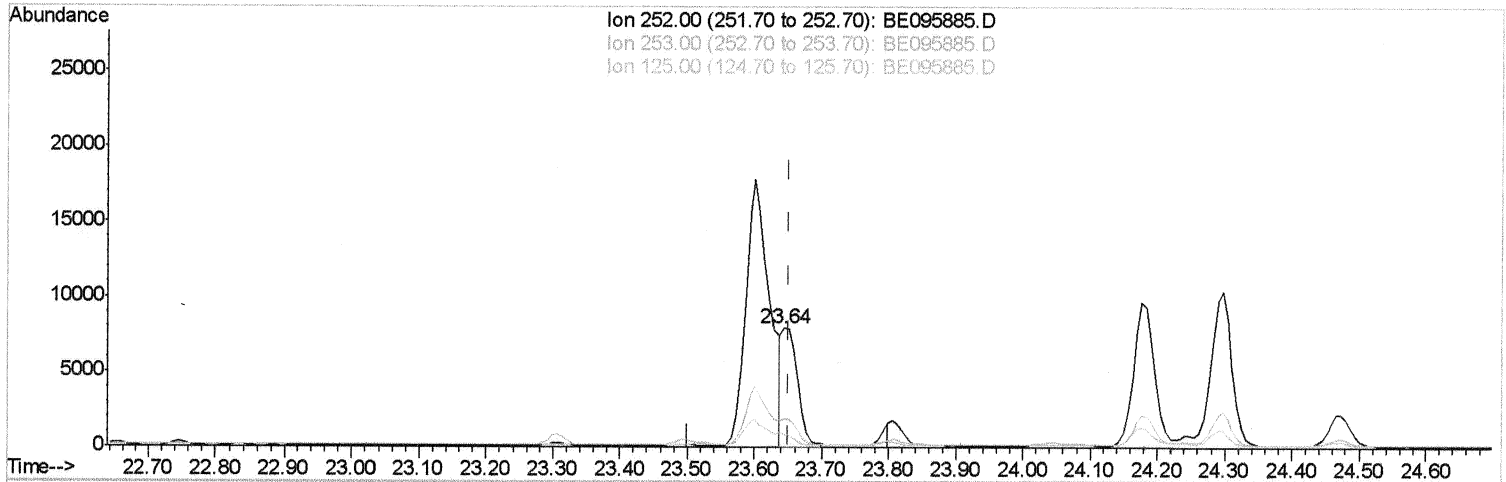
(22) Benzo(k)fluoranthene
 23.600min (-0.051) 2.00ng/ui
 response 57063

3/29/2018 5:18:07 PM
 Sohil
 APPROVED
 Manual Integrations
 125.00 17.10 10.31#
 COAT0
 ClientSampled :
 BNA_E
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:30:37 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: BE095885.D

(22) Benzo(k)fluoranthene

23.643min (-0.009) 0.46ng/ul m

response 13045

SJ 3/30/18

3/29/2018 5:18:07 PM

Sohil

APPROVED

Manual Integrations

125.00 17.10 11.09#

Client Sampled : BNA_E

Instrument :

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095885.D
 Acq On : 28 Mar 2018 20:06
 Operator : SJ/JU
 Sample : J1951-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 05:32:11 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	1761	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	4773	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7541m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	8074m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	8686	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.79	152	1454	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	5121m	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
8) Acenaphthene	15.05	153	341	0.030	ng/ul#	88	
12) Phenanthrene	17.74	178	6976m	0.309	ng/ul		
13) Anthracene	17.83	178	2075m	0.098	ng/ul		
15) Fluoranthene	19.71	202	29296m	1.071	ng/ul		
17) Pyrene	20.06	202	35756	1.166	ng/ul#	79	
18) Benzo(a)anthracene	21.77	228	34183	1.312	ng/ul#	86	
19) Chrysene	21.83	228	33513	1.263	ng/ul	99	
21) Benzo(b)fluoranthene	23.60	252	44576m	1.482	ng/ul		
22) Benzo(k)fluoranthene	23.64	252	13045m	0.456	ng/ul		
23) Benzo(a)pyrene	24.30	252	22778	0.829	ng/ul#	78	
24) Indeno(1,2,3-cd)pyrene	27.21	276	11898	0.391	ng/ul#	74	
25) Dibenzo(a,h)anthracene	27.22	278	3857	0.158	ng/ul	96	
26) Benzo(g,h,i)perylene	28.09	276	6677	0.255	ng/ul	95	

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

3/29/2018 5:18:07 PM

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Manual Integrations

Instrument : BNA_E
 Client Sample : COATO