

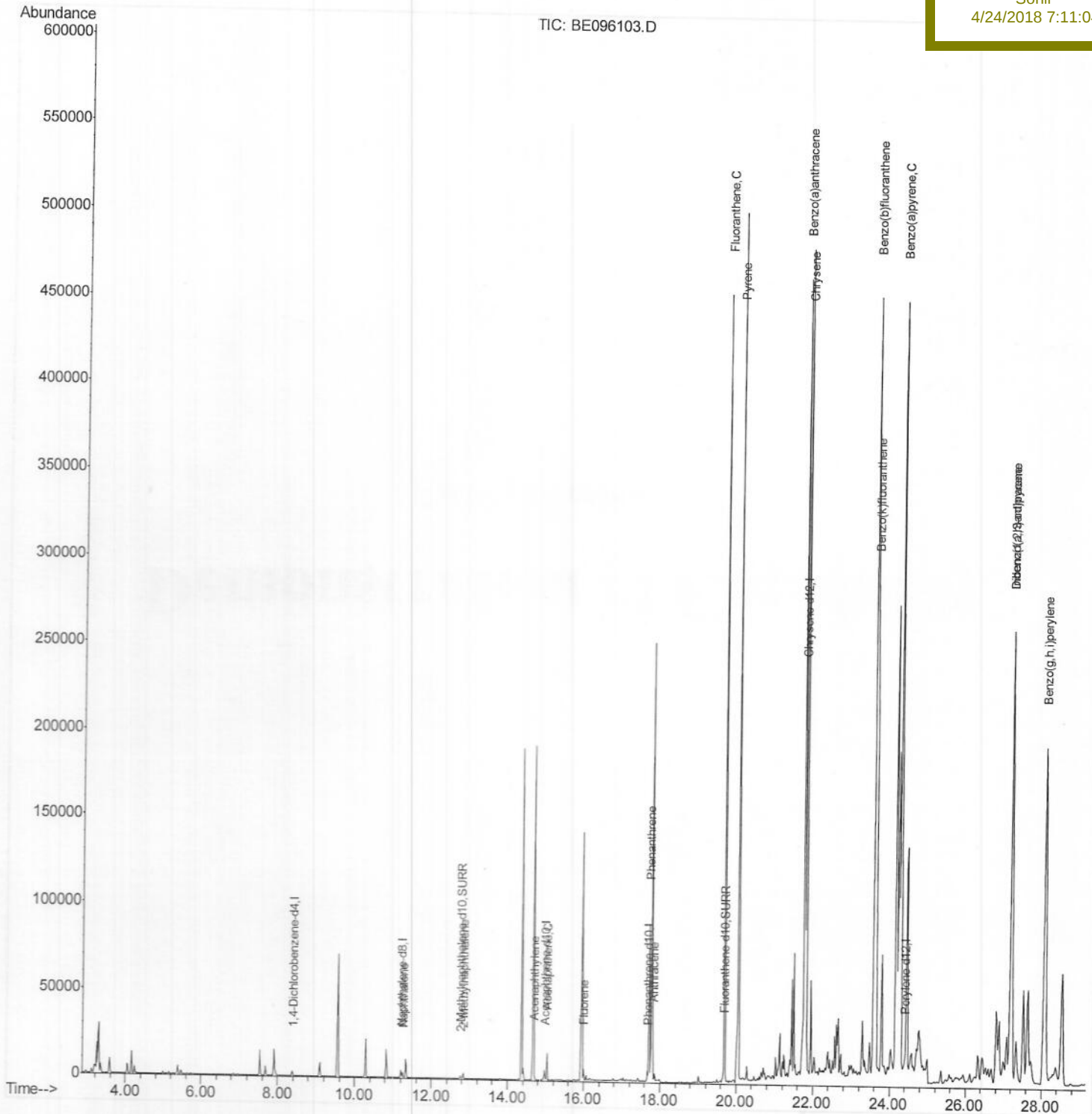
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:36:26 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
Client Sample ID :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



Quantitation Report (Qedit)

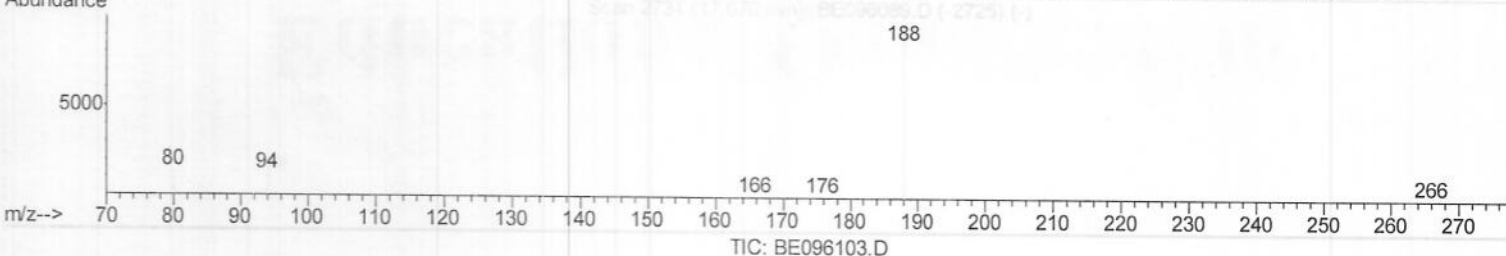
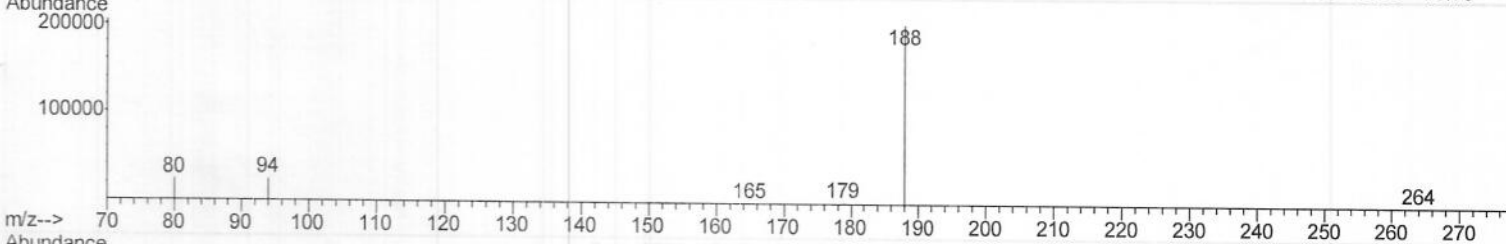
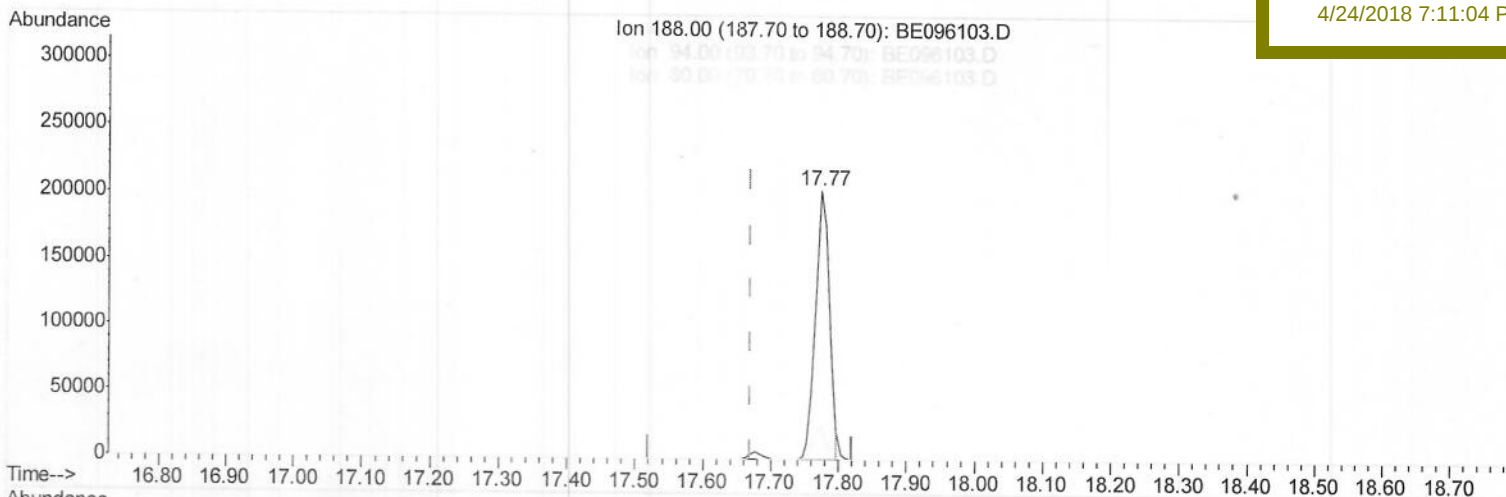
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:28:54 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:04 PM



(10) Phenanthrene-d10 (I)
 17.775min (+0.104) 0.40ng/ul
 response 286633

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.71
80.00	11.80	11.38
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:28:54 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

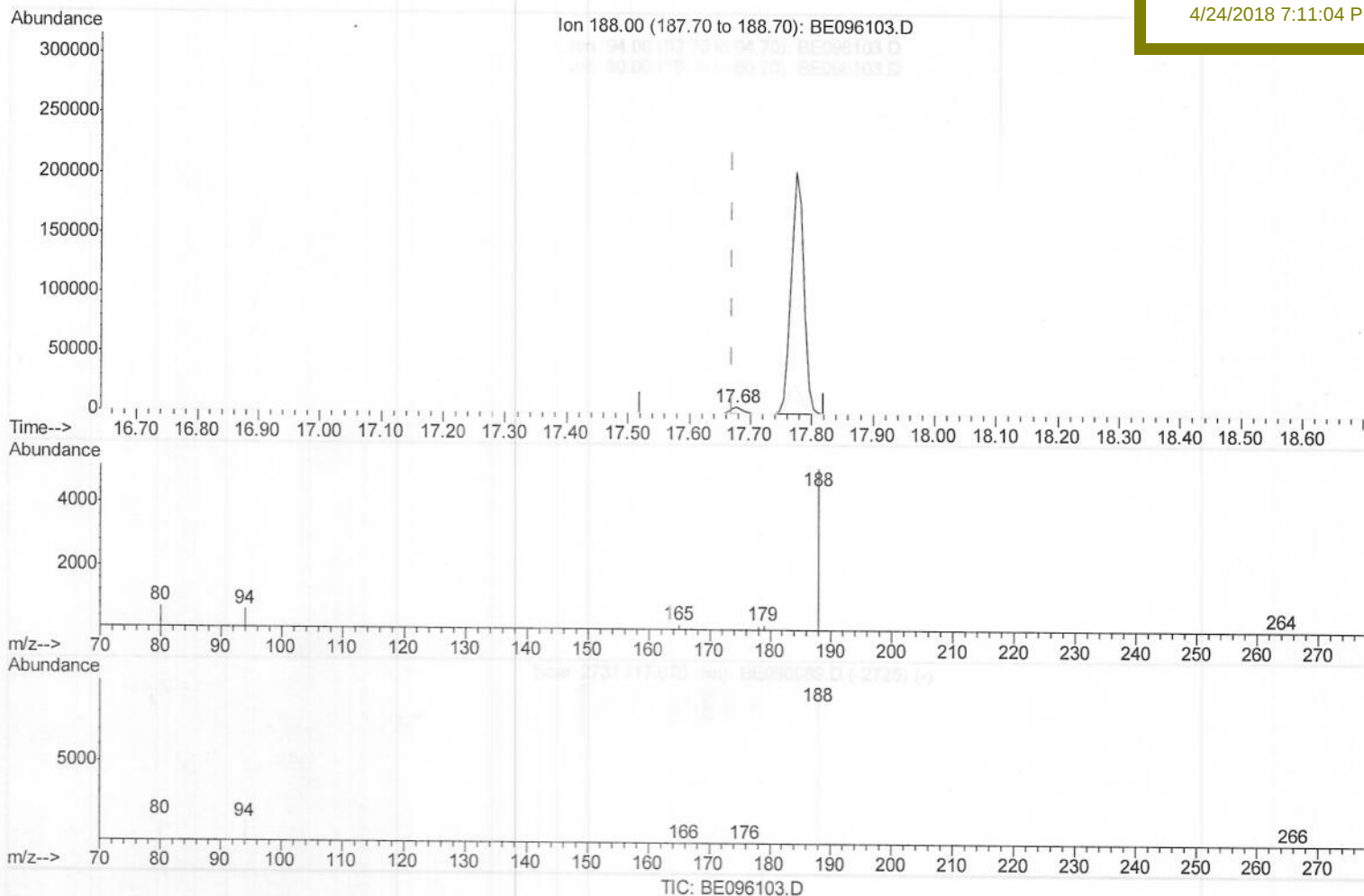
ClientSampleId :

C0AD1

Manual Integrations
APPROVED

Sohil

4/24/2018 7:11:04 PM



(10) Phenanthrene-d10 (I)

17.676min (+0.006) 0.40ng/ul m

response 7344

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.94
80.00	11.80	13.63
0.00	0.00	0.00

JU 05/03/18

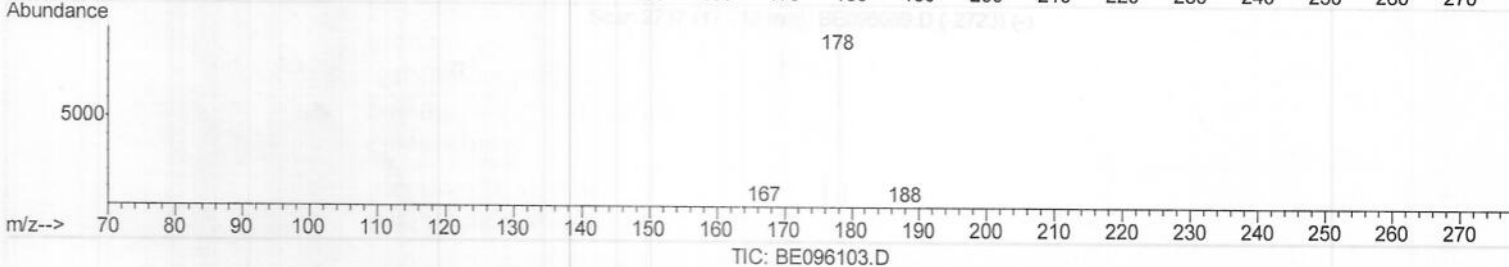
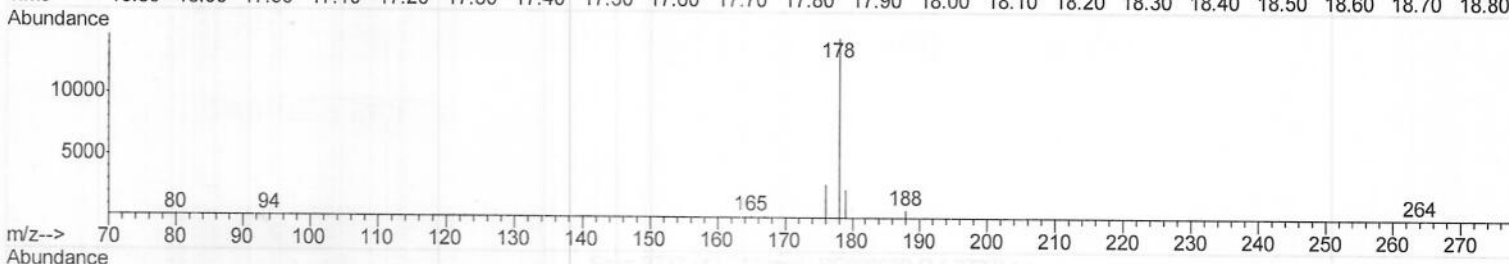
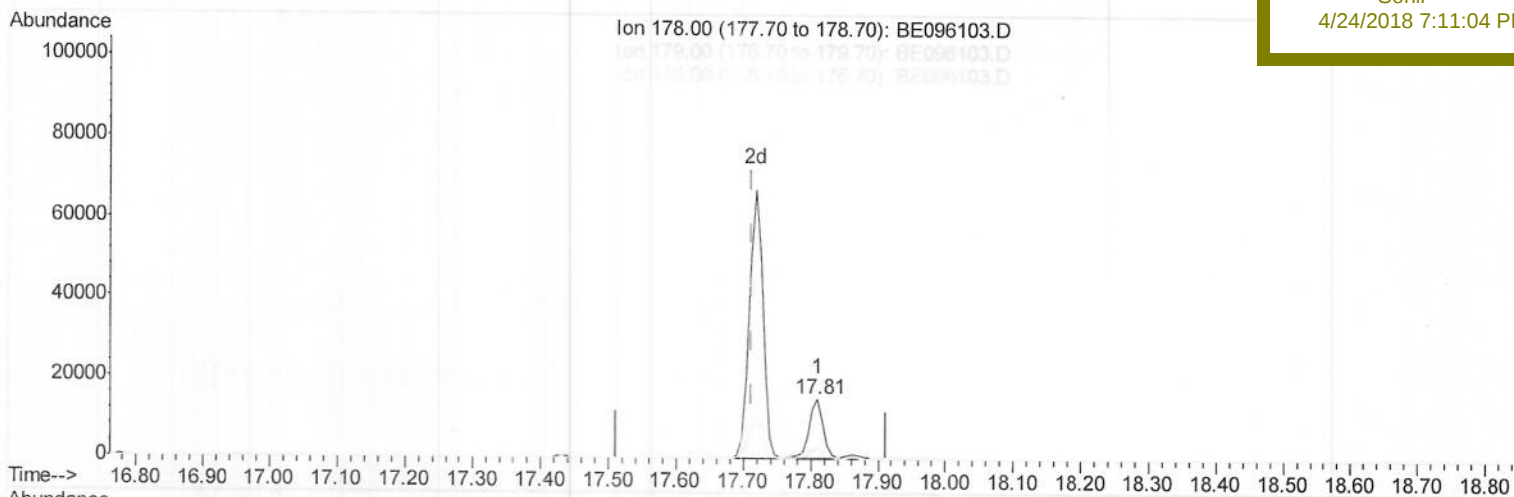
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampled :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



(12) Phenanthrene

17.810min (+0.097) 0.91ng/ul

response 19735

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.32#
176.00	17.00	18.85
0.00	0.00	0.00

Quantitation Report (Qedit)

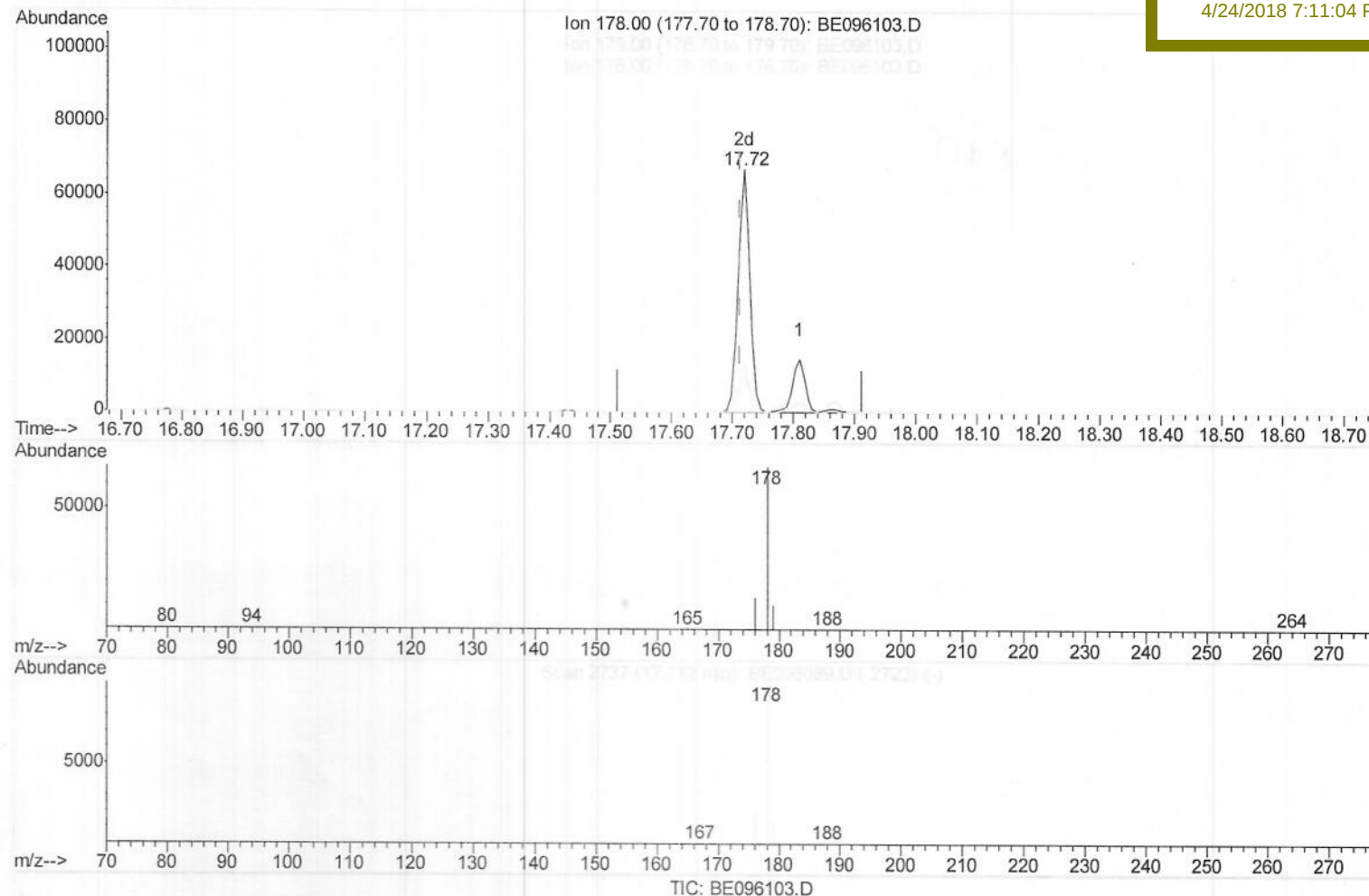
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
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(12) Phenanthrene

17.718min (+0.006) 4.28ng/ul m

response 92706

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.48#
176.00	17.00	20.07
0.00	0.00	0.00

Ju / 05 / 03 / 18

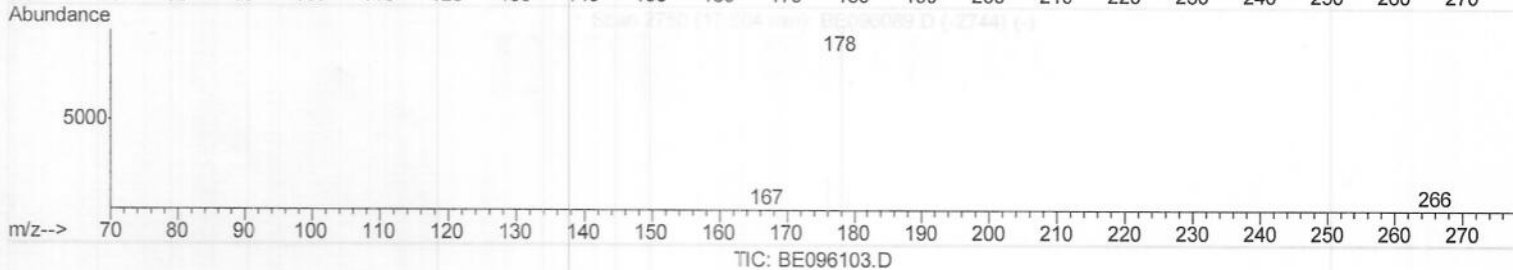
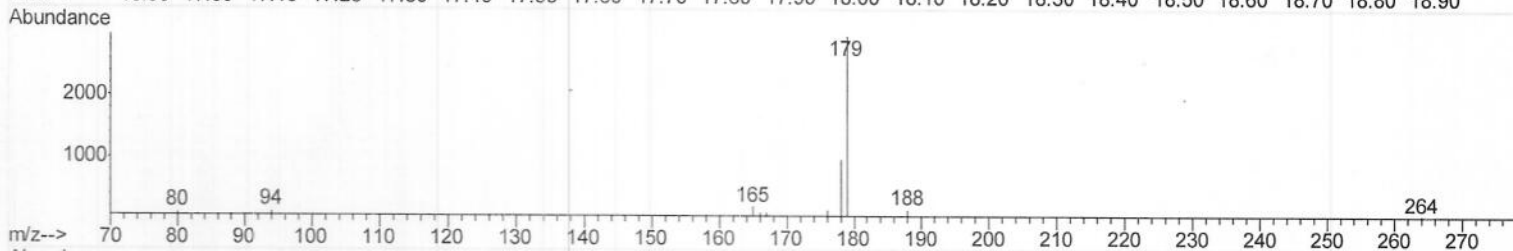
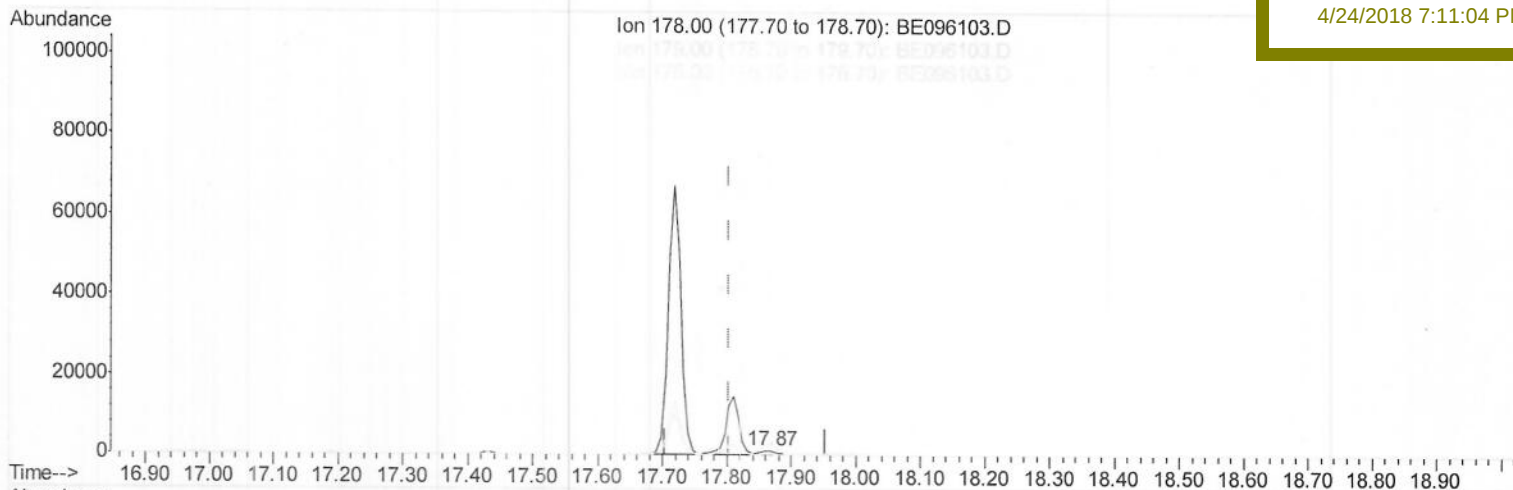
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

Sohil
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(13) Anthracene

17.866min (+0.062) 0.14ng/ul

response 3104

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	300.50#
176.00	18.40	16.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

ClientSampleId :

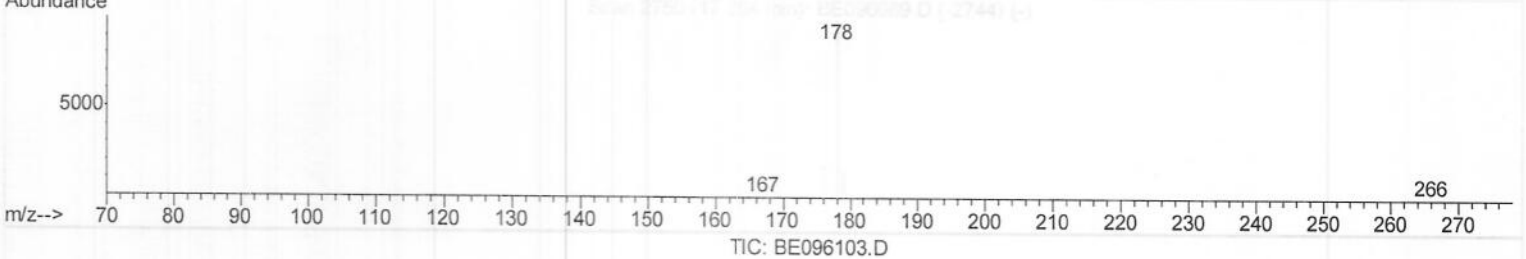
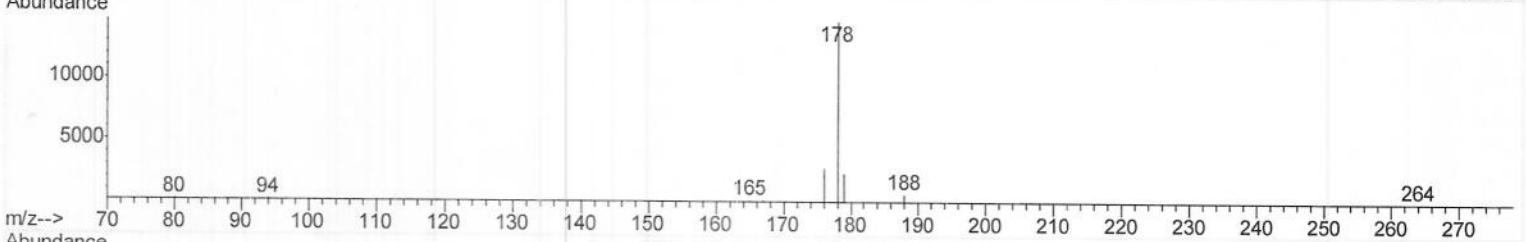
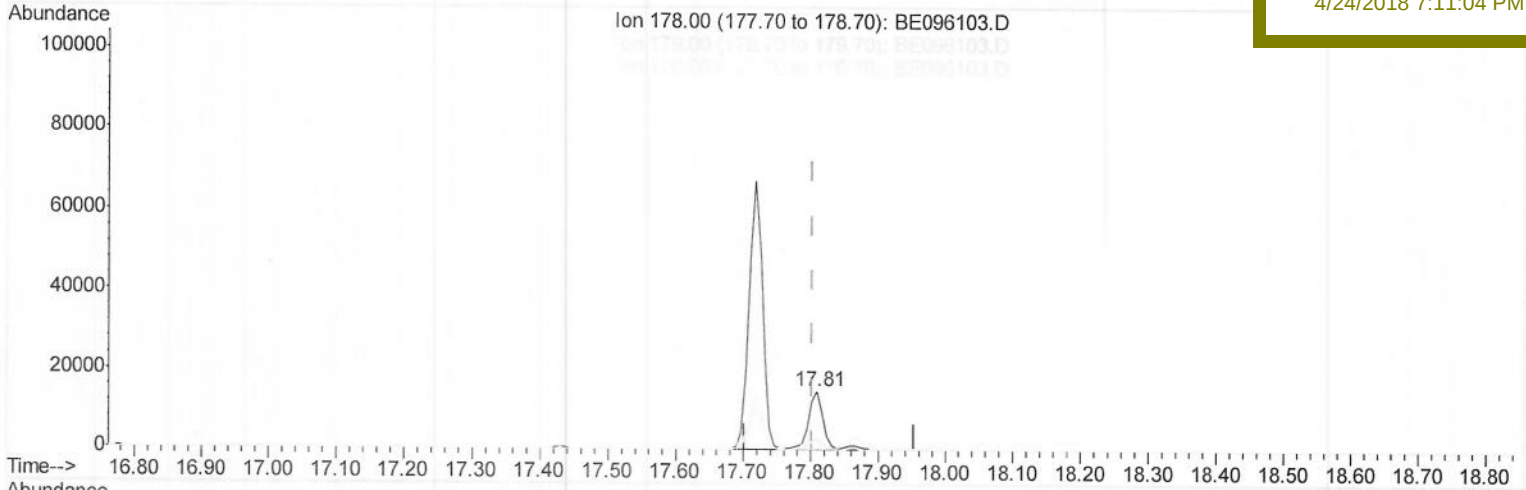
C0AD1

Manual Integrations

APPROVED

Sohil

4/24/2018 7:11:04 PM



(13) Anthracene

17.810min (+0.006) 0.99ng/ul m

> JU 05/03/18

response 21242

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	16.32#
176.00	18.40	18.85
0.00	0.00	0.00

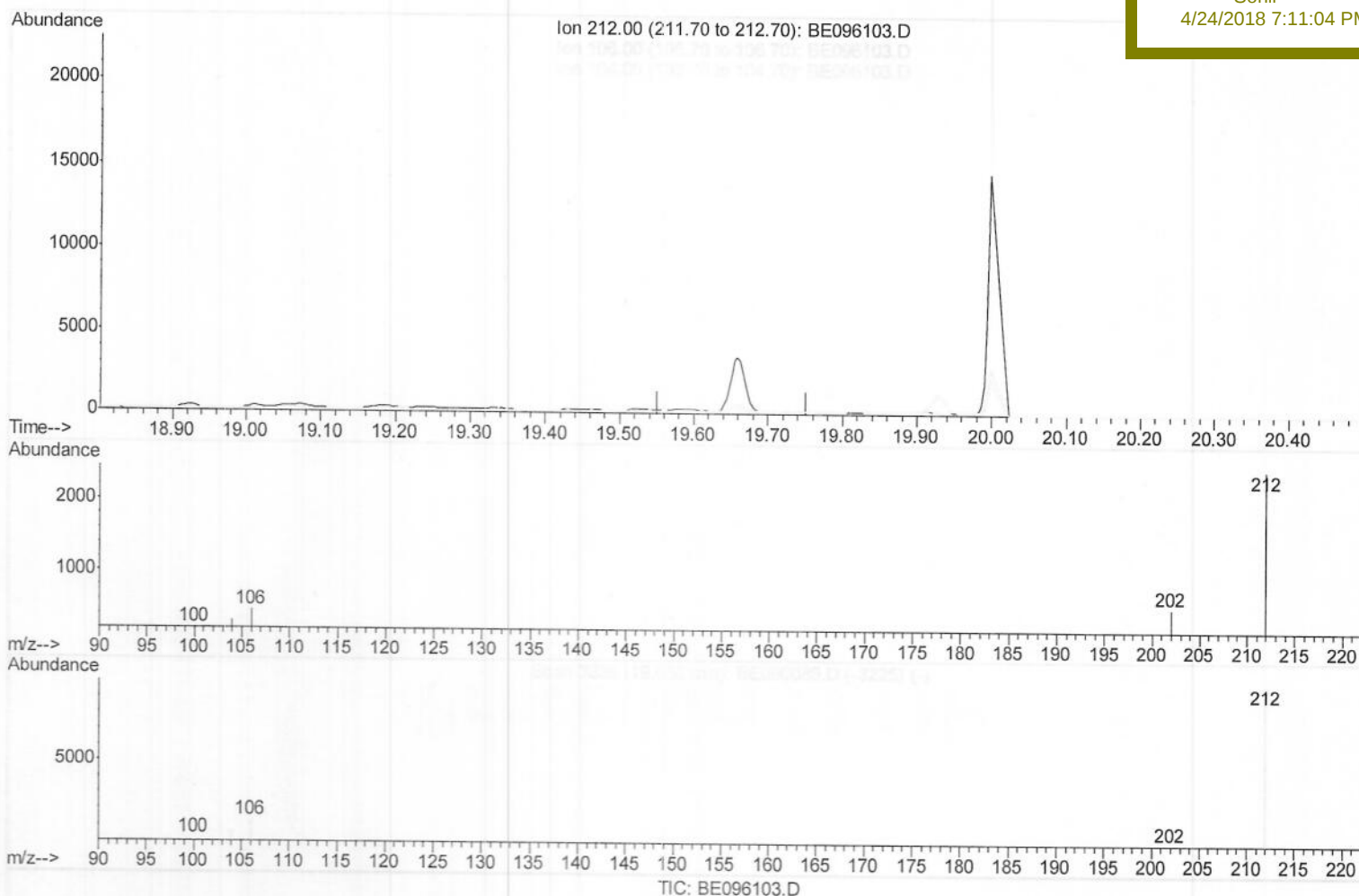
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

Sohil
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(14) Fluoranthene-d10 (SURR)

19.652min (-19.652) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

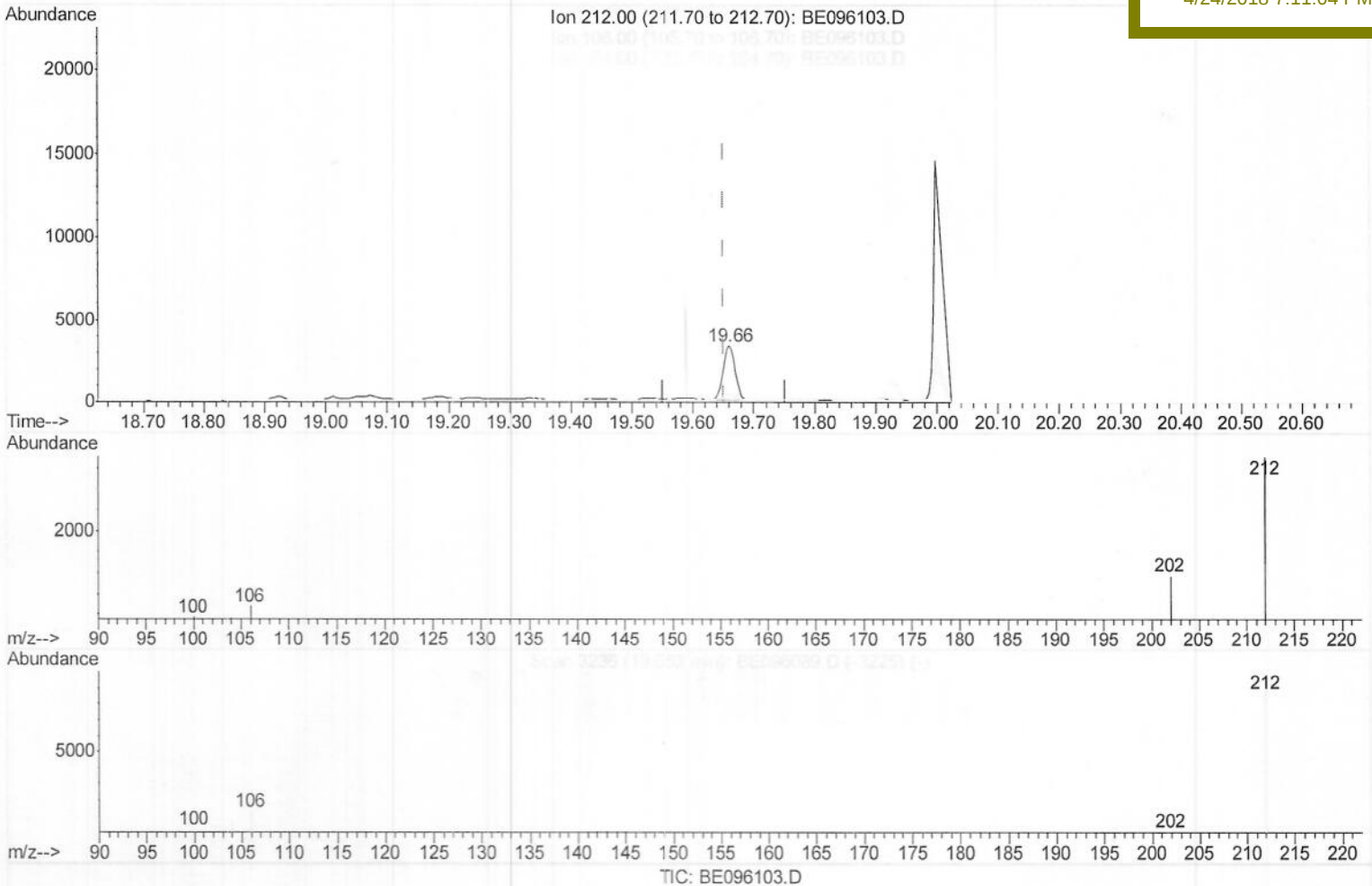
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
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Quant Time: Apr 24 16:30:40 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.659min (+0.007) 0.15ng/ul m > JU 05/03/18

response 4491

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

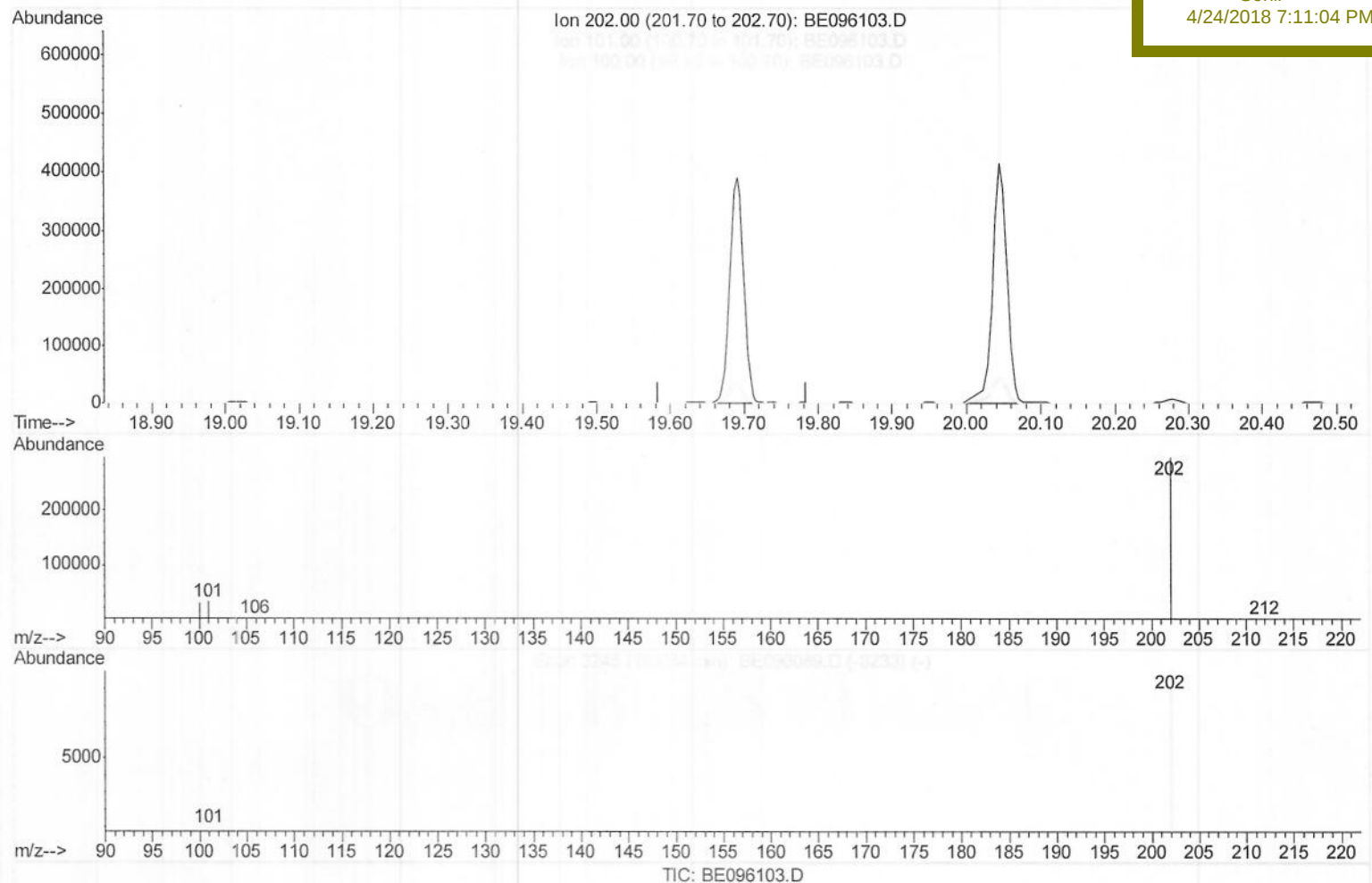
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



(15) Fluoranthene (C)

19.684min (-19.684) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
100.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

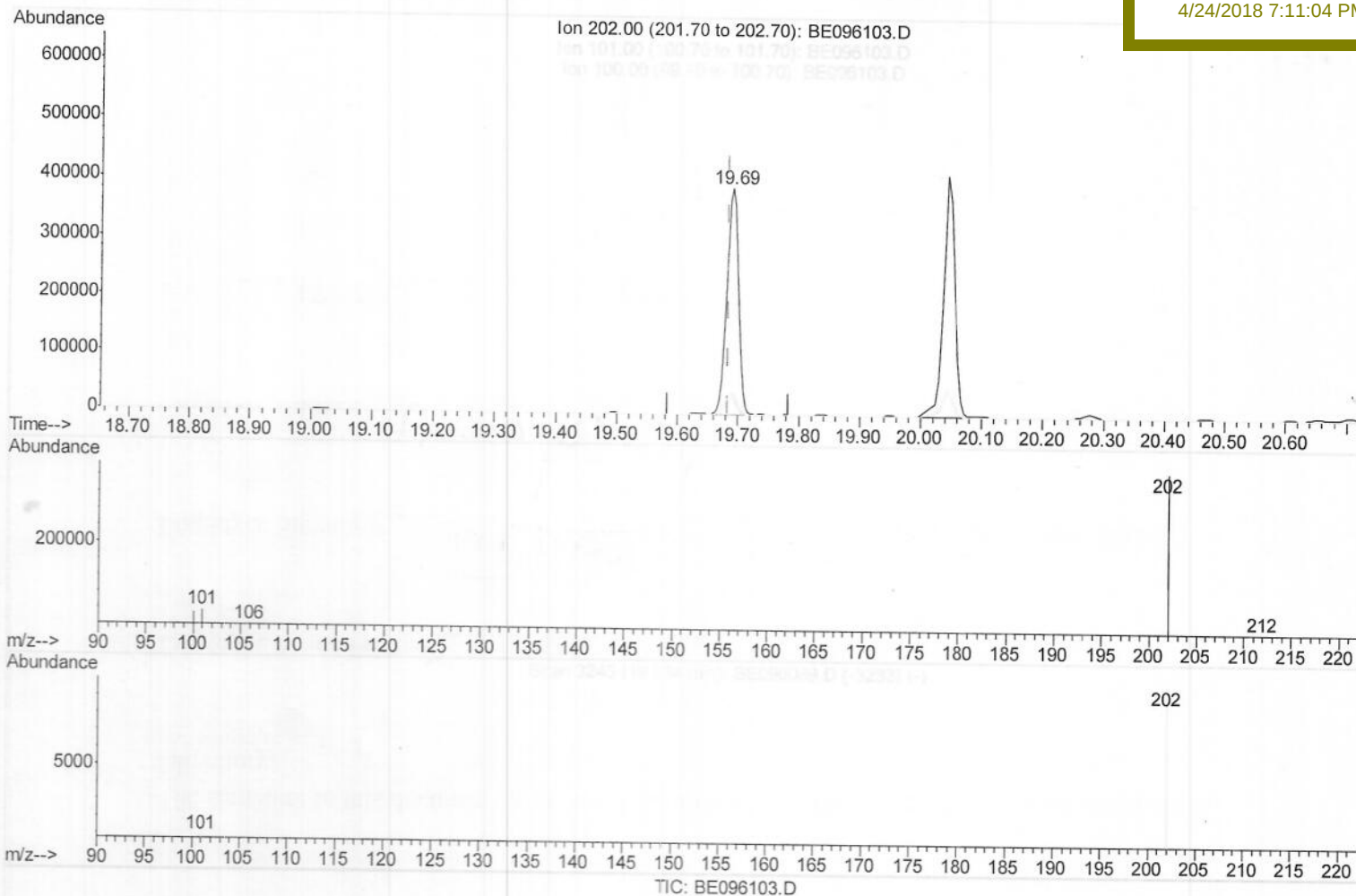
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
Client Sample Id :
C0AD1

Manual Integrations
APPROVED

Sohil
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(15) Fluoranthene (C)

19.691min (+0.007) 17.52ng/ul m

7JU 05/03/18

response 516006

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.28
100.00	19.50	7.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

Client SampleId :

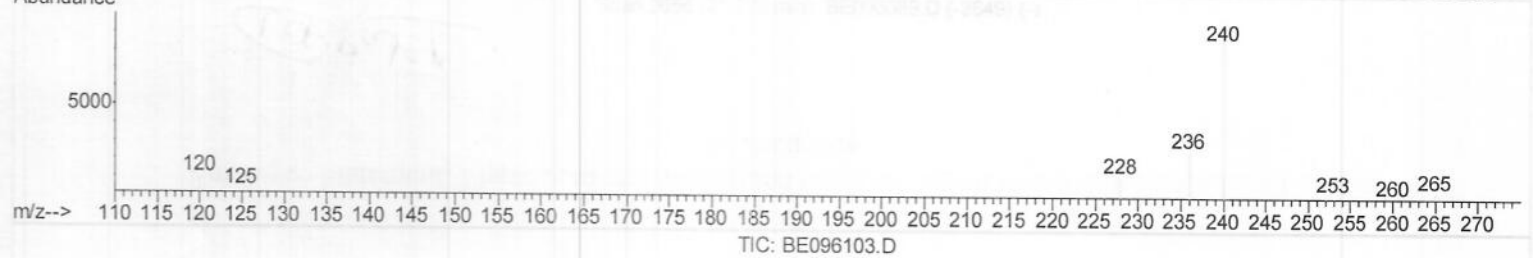
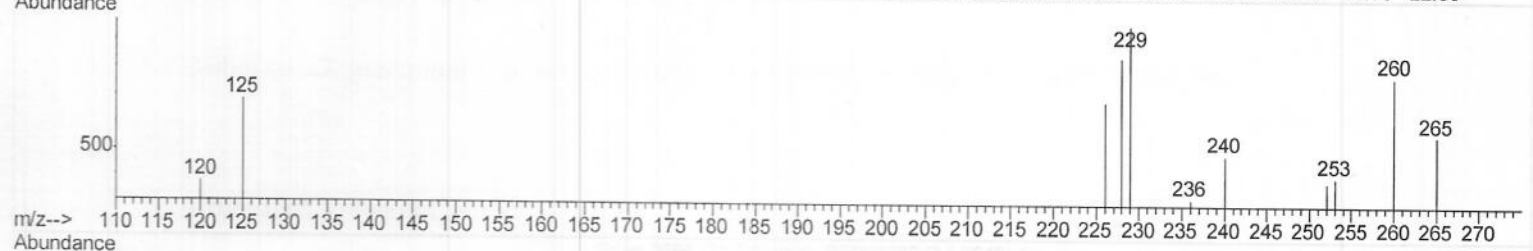
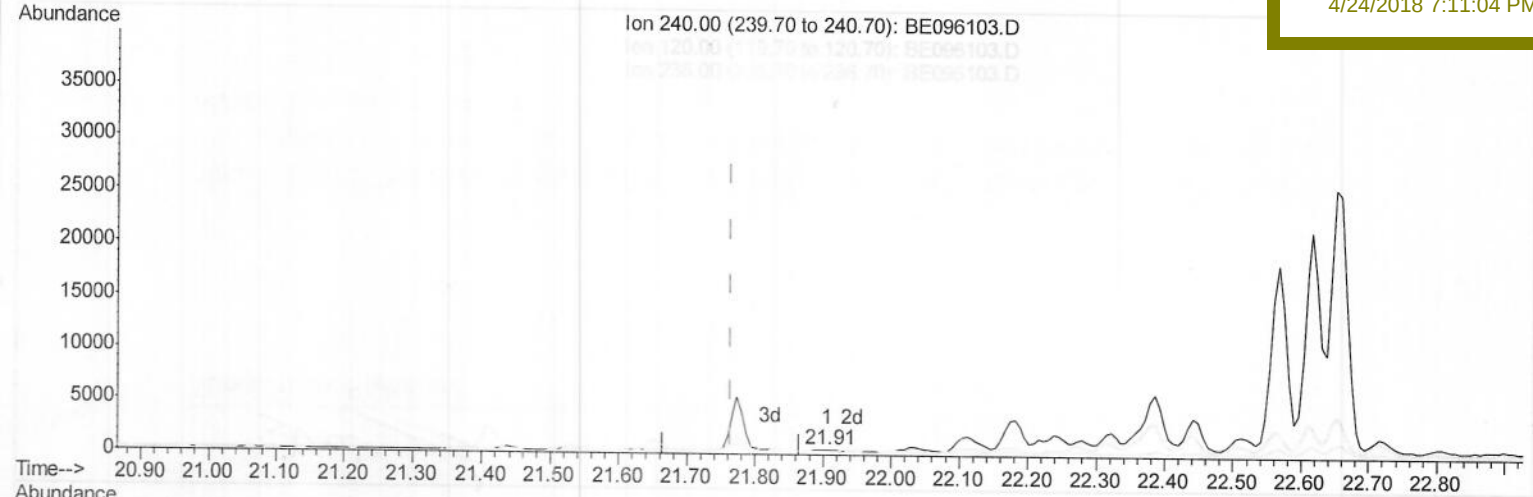
C0AD1

Manual Integrations

APPROVED

Sohil

4/24/2018 7:11:04 PM



(16) Chrysene-d12 (I)

21.907min (+0.142) 0.40ng/ul

response 345

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	76.36#
236.00	34.90	66.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:30:40 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

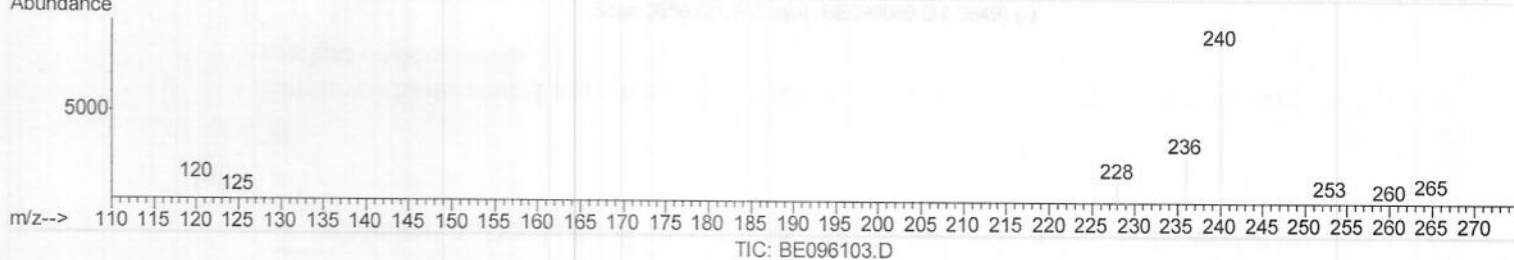
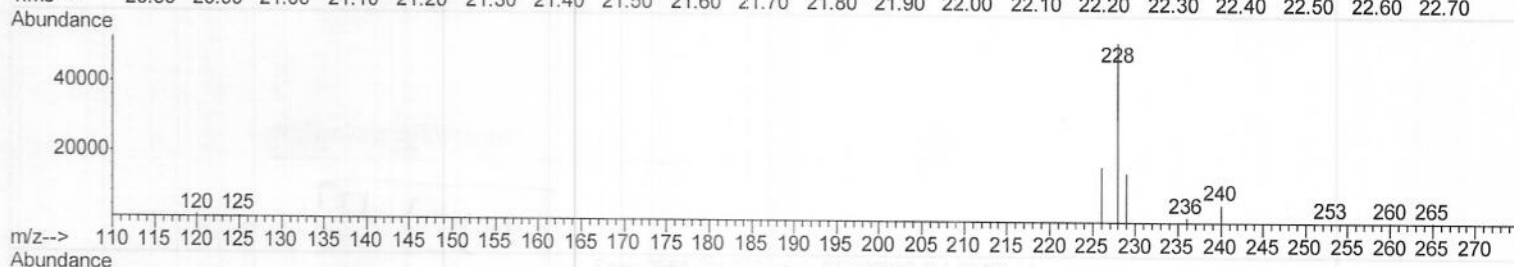
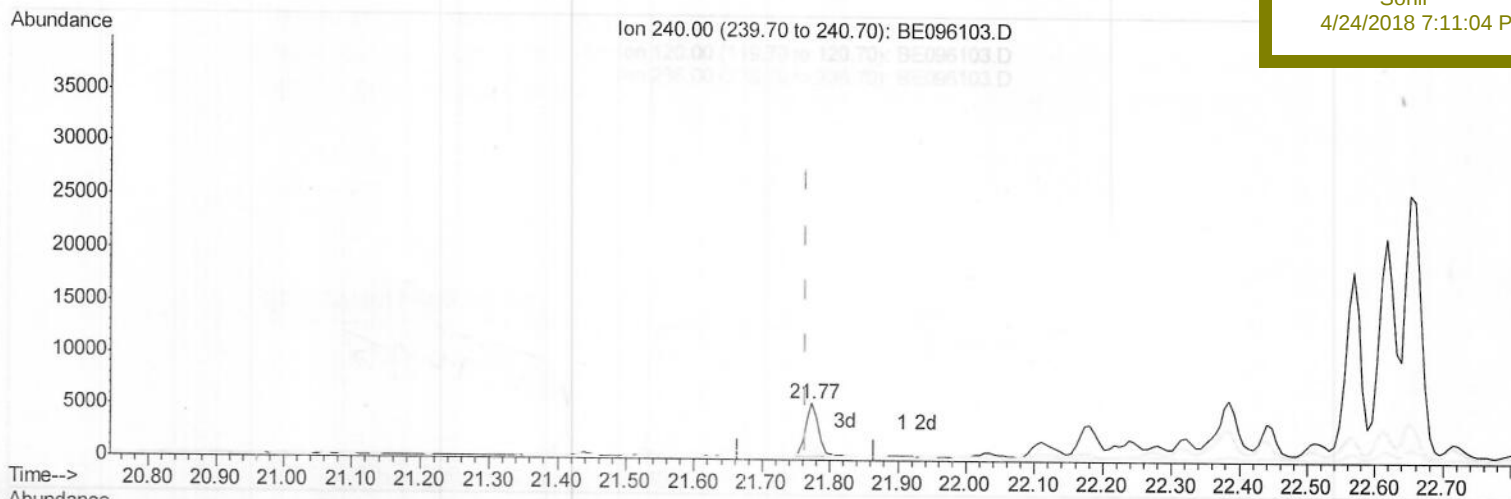
Client Sampled :

C0AD1

Manual Integrations
APPROVED

Sohil

4/24/2018 7:11:04 PM



(16) Chrysene-d12 (I)

21.773min (+0.008) 0.40ng/ul m

> JU 05/03/16

response 6982

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	16.78
236.00	34.90	30.75
0.00	0.00	0.00

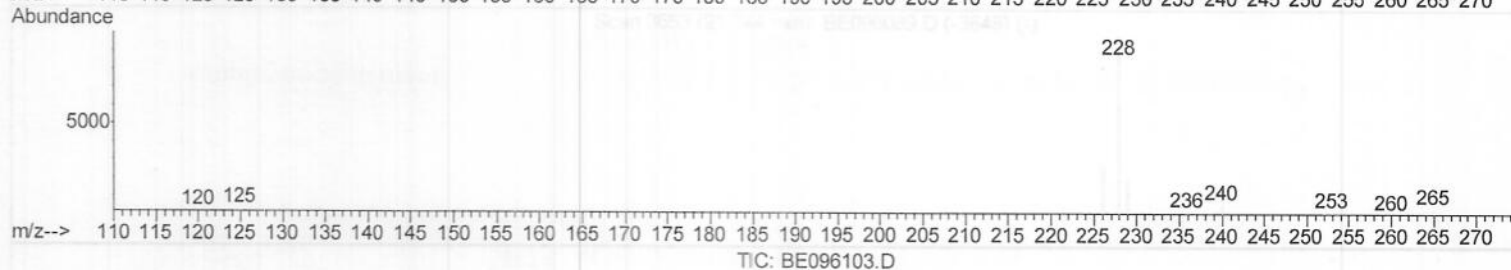
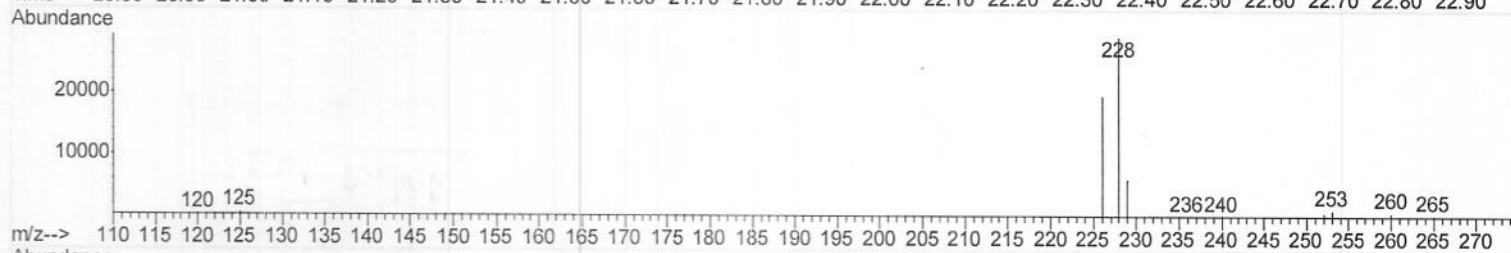
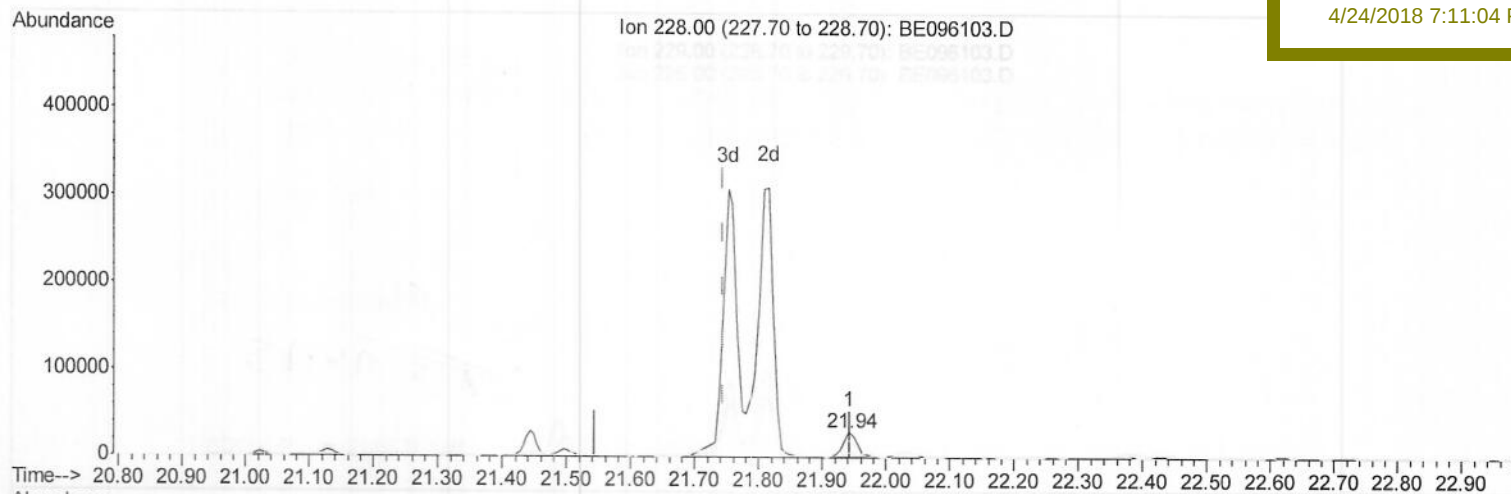
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:32:46 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



(18) Benzo(a)anthracene

21.942min (+0.198) 1.50ng/ul

response 42339

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	21.48#
226.00	21.30	67.26#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:32:46 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

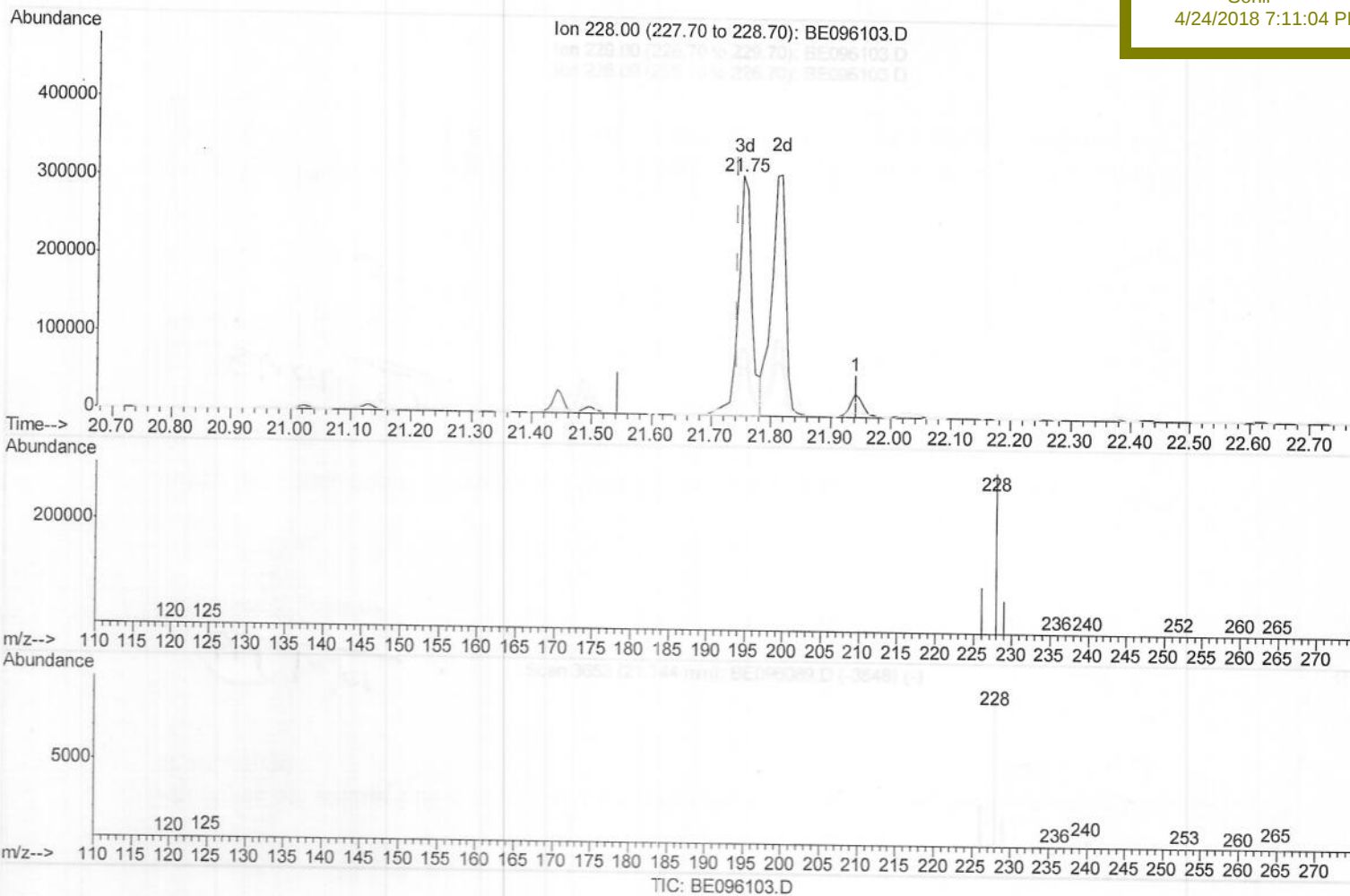
ClientSampleId :

C0AD1

Manual Integrations
APPROVED

Sohil

4/24/2018 7:11:04 PM



(18) Benzo(a)anthracene

21.752min (+0.008) 20.77ng/ul m

response 585960

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.39#
226.00	21.30	28.97#
0.00	0.00	0.00

> JU 05/03/18

Quantitation Report (Qedit)

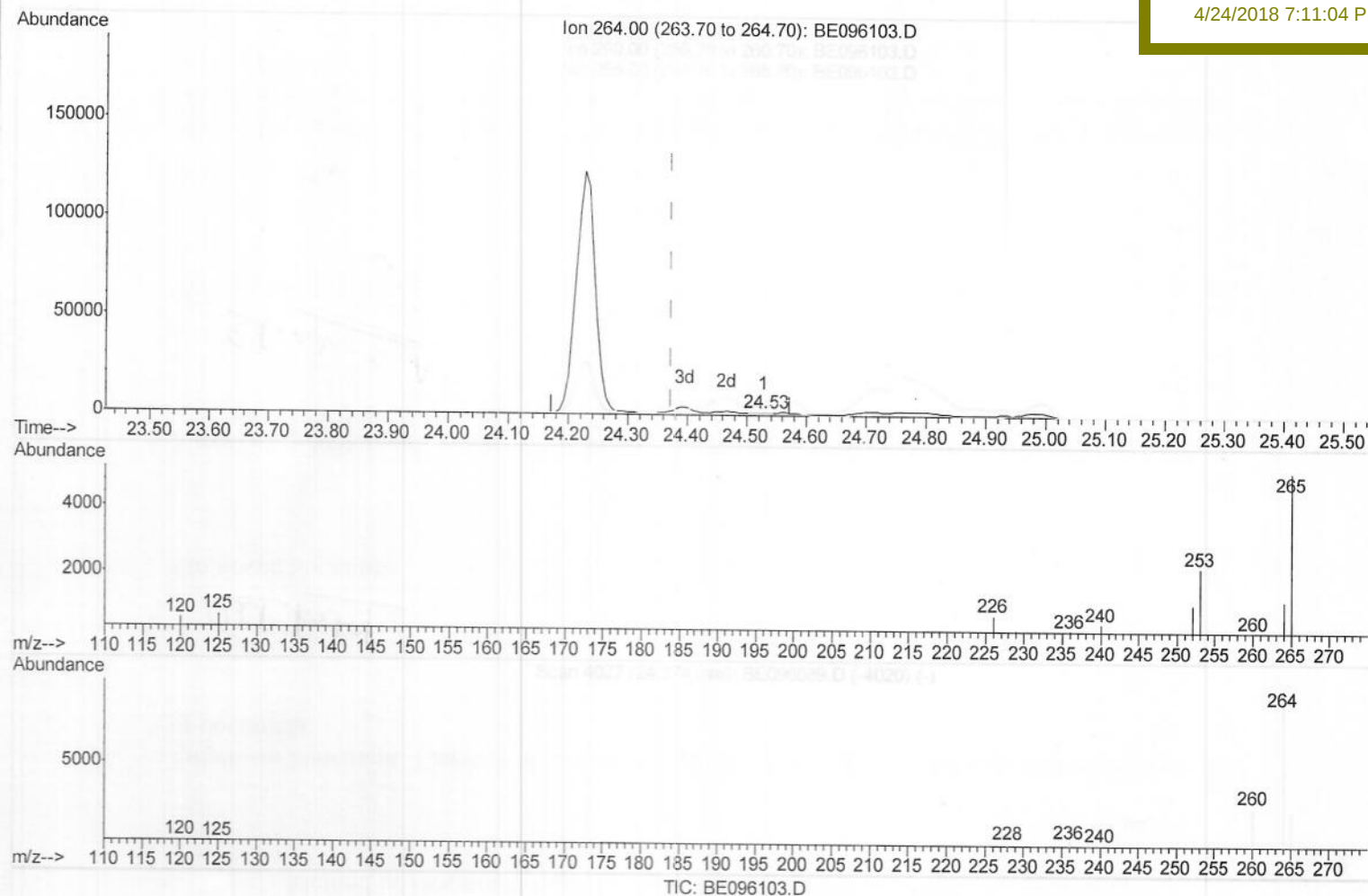
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:32:46 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:04 PM



(20) Perylene-d12 (I)

24.530min (+0.156) 0.40ng/ul

response 725

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.06
265.00	103.50	392.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:32:46 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

ClientSampleId :

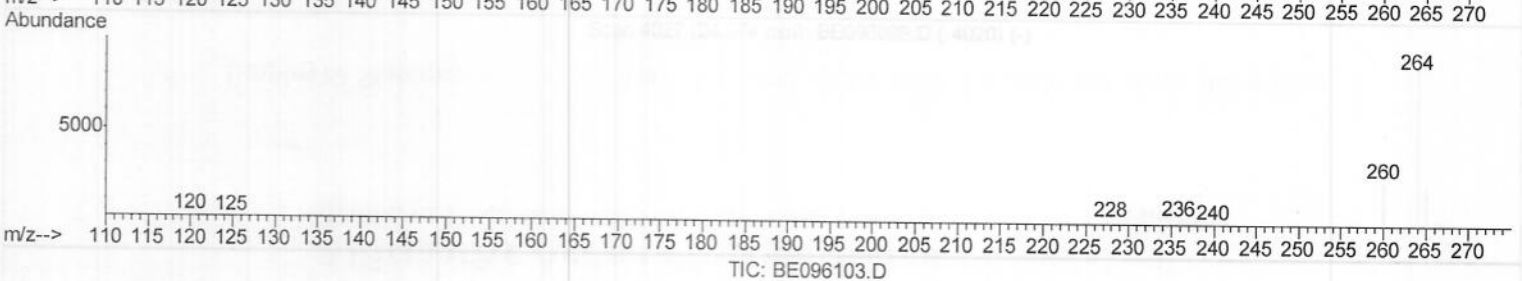
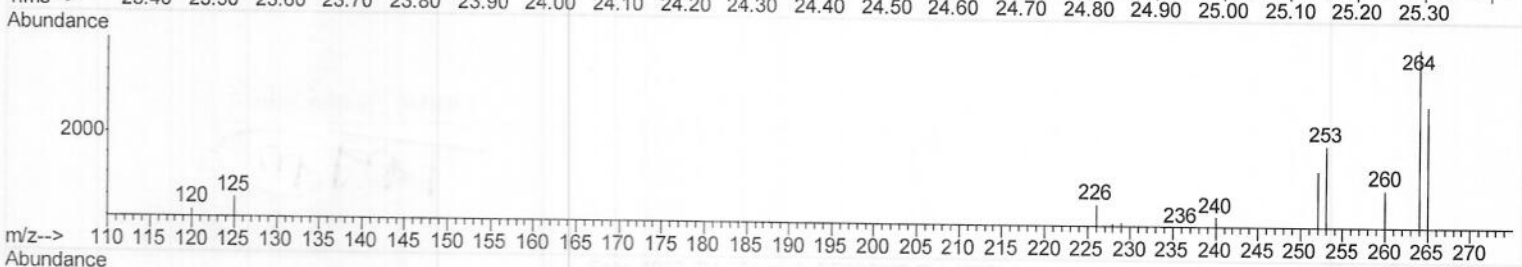
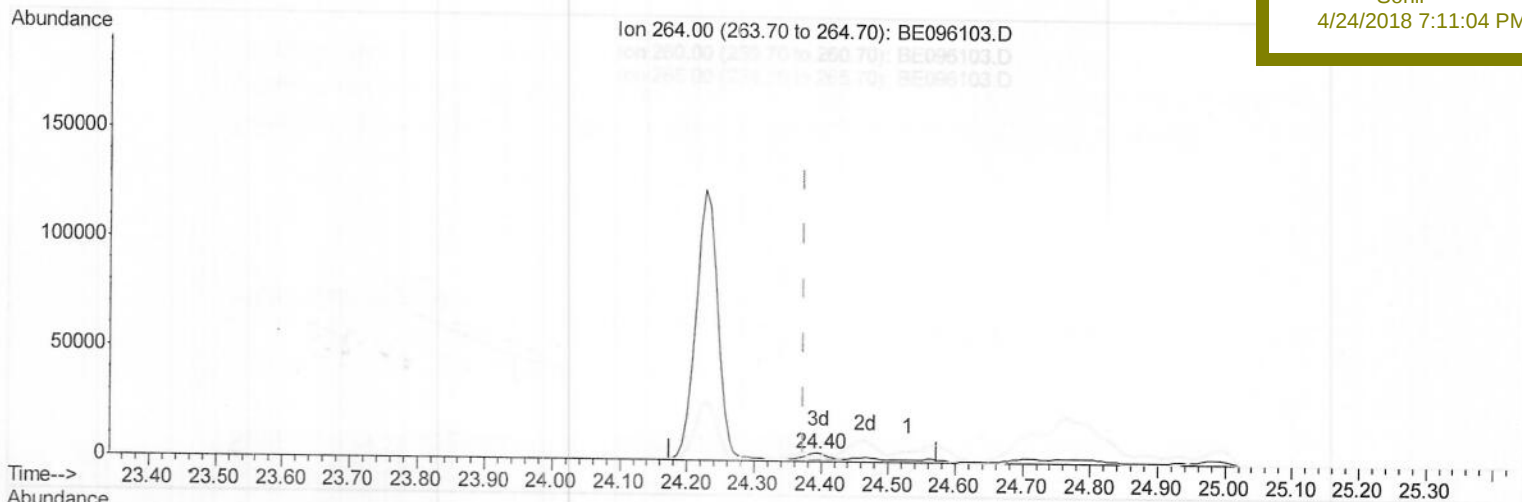
C0AD1

Manual Integrations

APPROVED

Sohil

4/24/2018 7:11:04 PM



(20) Perylene-d12 (I)

24.396min (+0.022) 0.40ng/ul m

J4 05/03/18

response 6792

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.62
265.00	103.50	70.78#
0.00	0.00	0.00

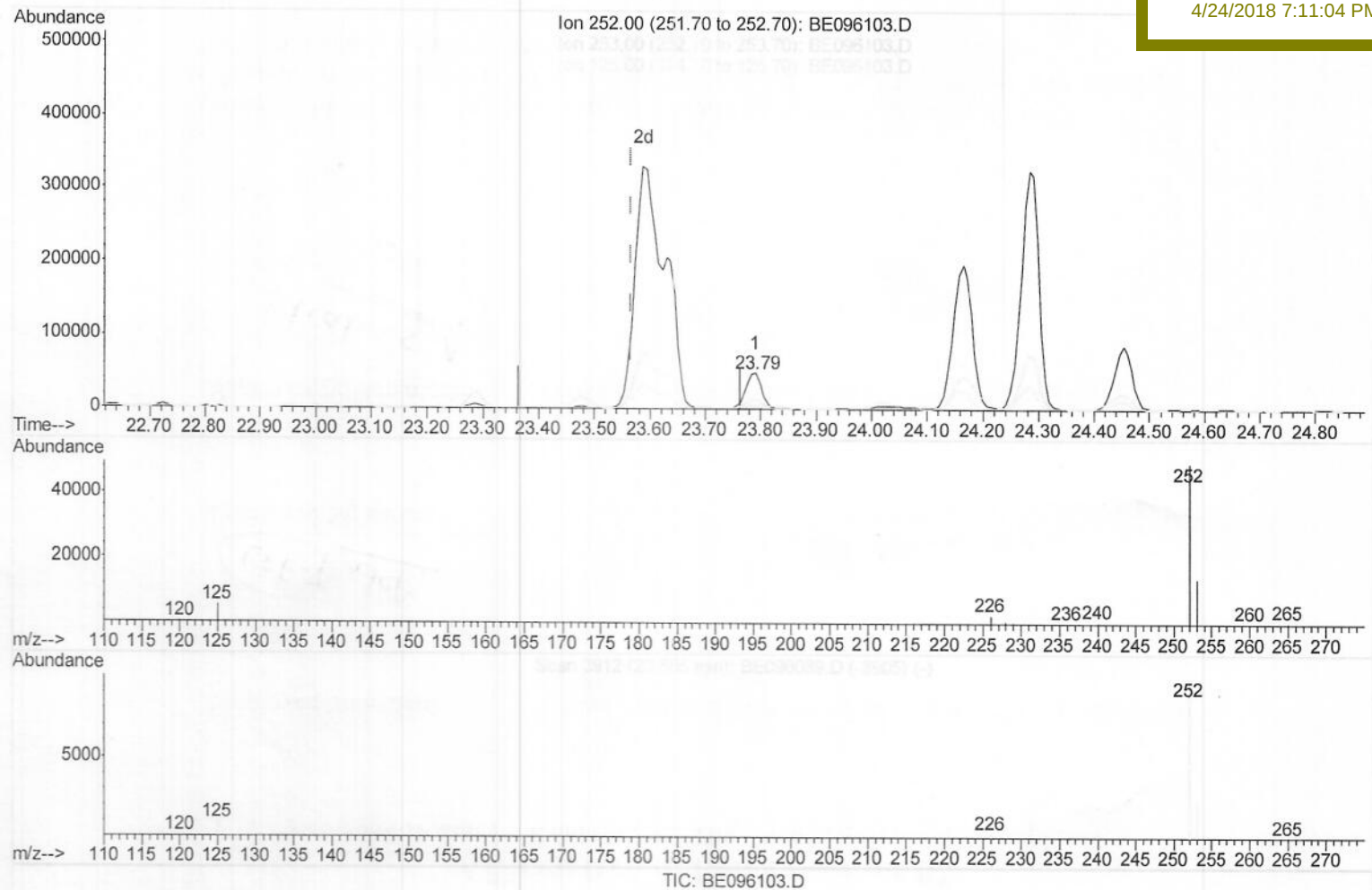
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



(21) Benzo(b)fluoranthene

23.792min (+0.226) 4.41ng/ul

response 96993

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.82
125.00	17.50	11.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :

BNA_E

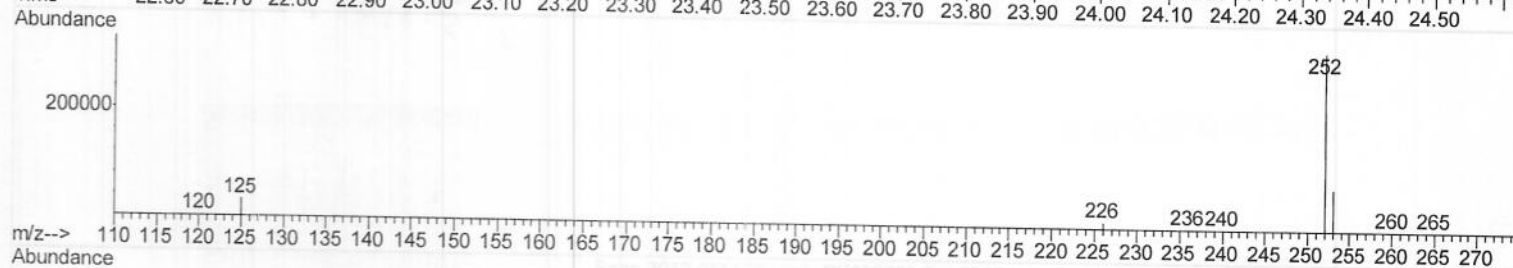
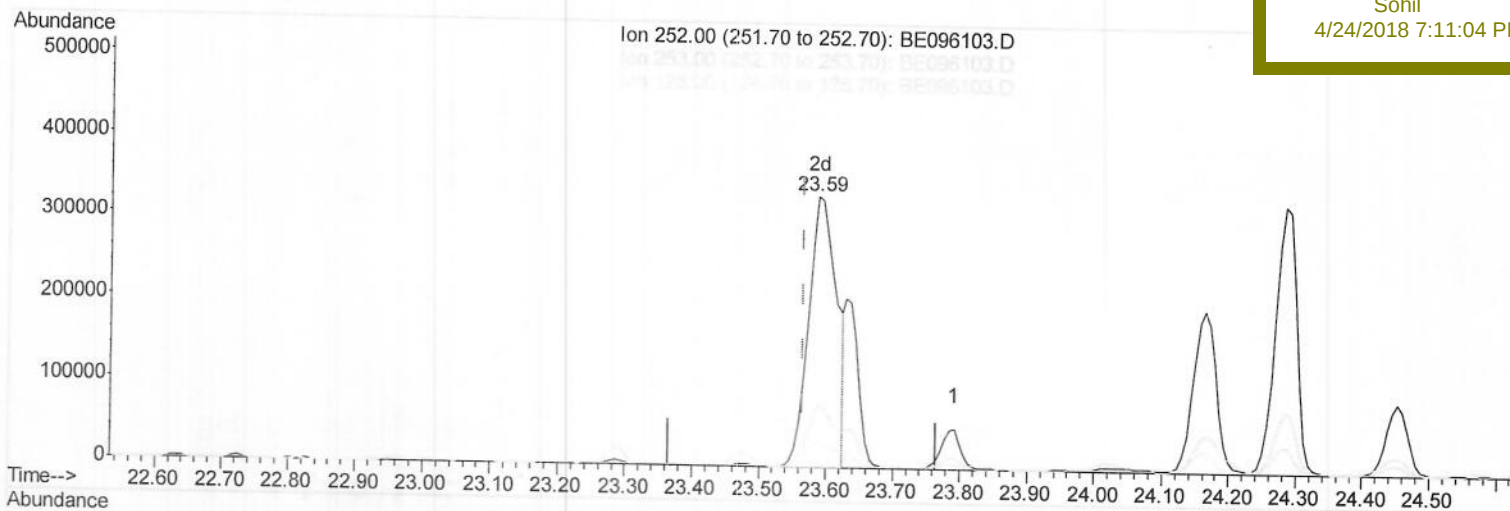
Client Sampled :

C0AD1

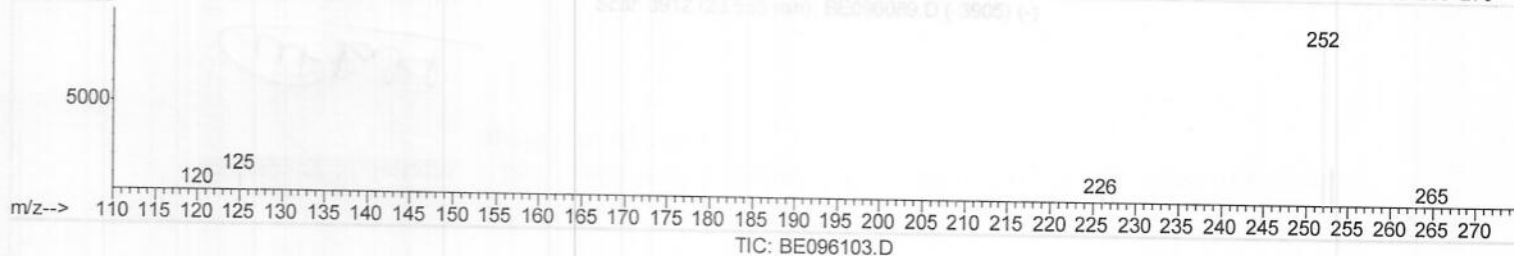
Manual Integrations
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Scan 3912 MS Scan 1911 BE096103.D (3505) (1)



TIC: BE096103.D

(21) Benzo(b)fluoranthene

23.588min (+0.022) 43.18ng/ul m

> JU 05/03/18

response 949069

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.05
125.00	17.50	9.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

ClientSampleId :

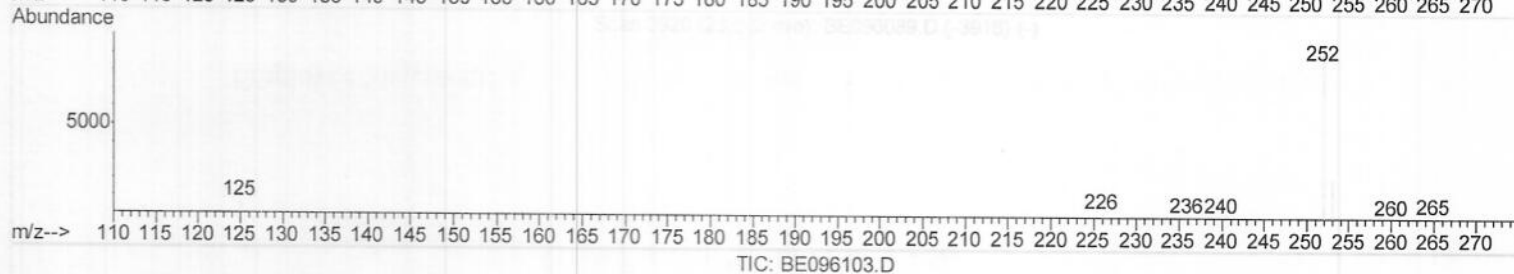
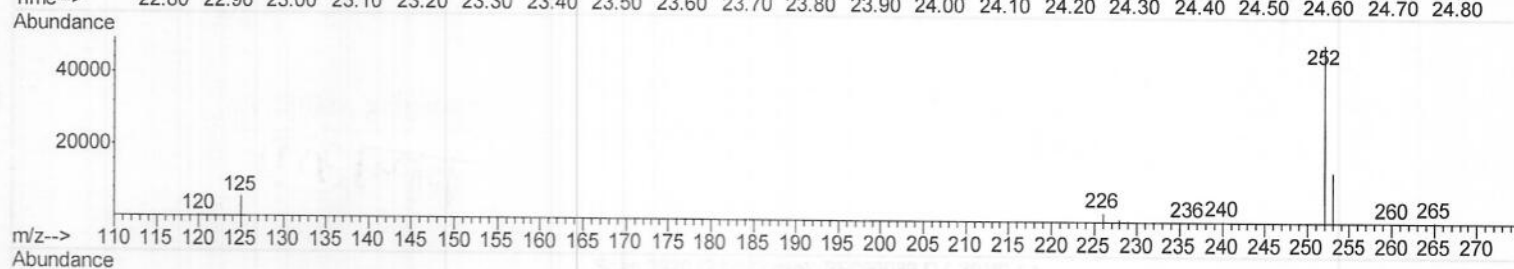
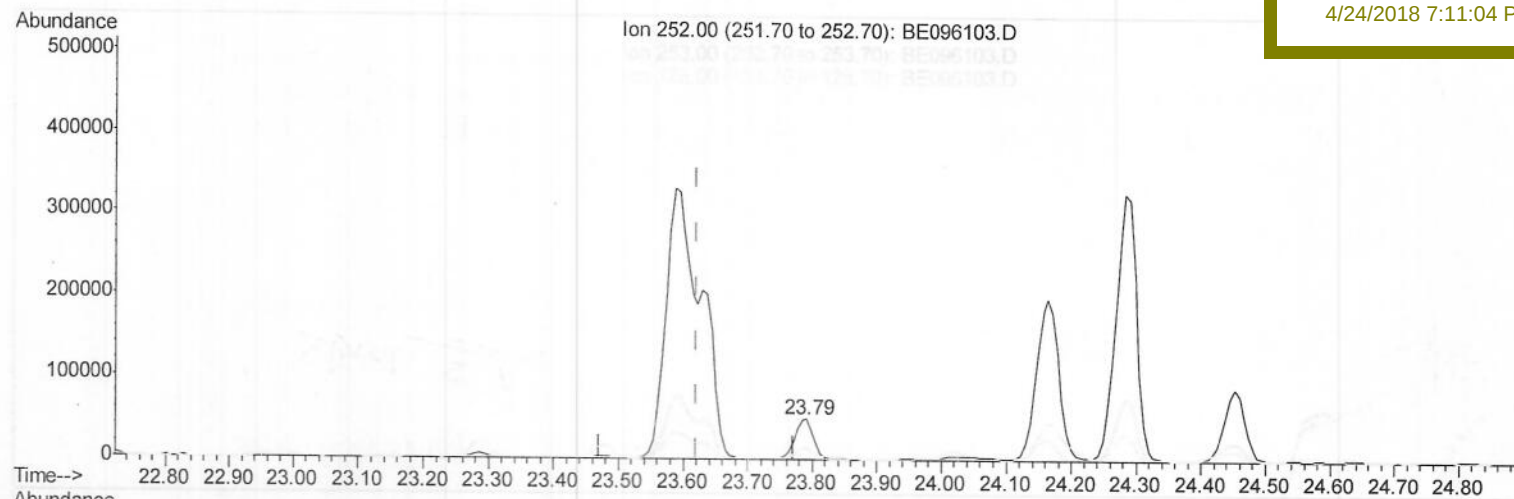
C0AD1

Manual Integrations

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(22) Benzo(k)fluoranthene

23.792min (+0.170) 4.45ng/ul

response 97366

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.82
125.00	17.10	11.21#
0.00	0.00	0.00

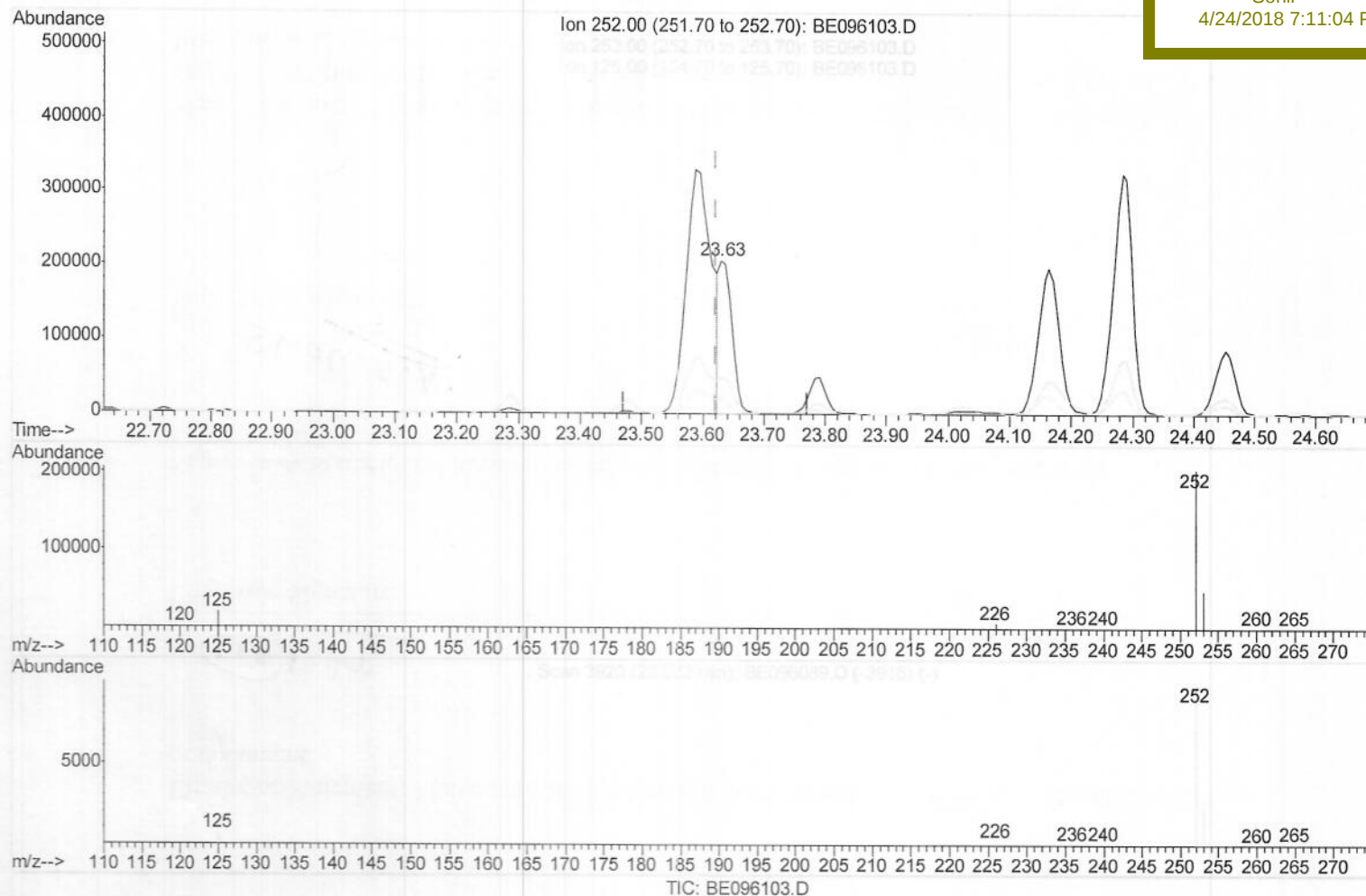
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
Client Sampled :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



(22) Benzo(k)fluoranthene

23.630min (+0.008) 13.53ng/ul m

response 296250

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.21#
125.00	17.10	9.60#
0.00	0.00	0.00

JU 05/03/18

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

ClientSampleId :

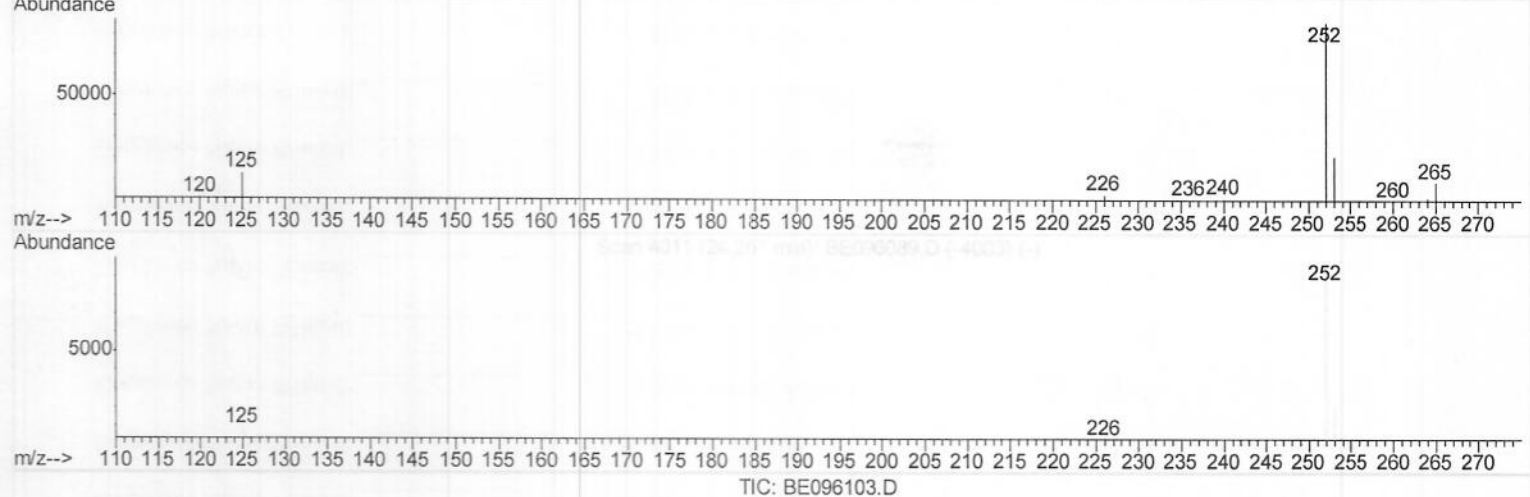
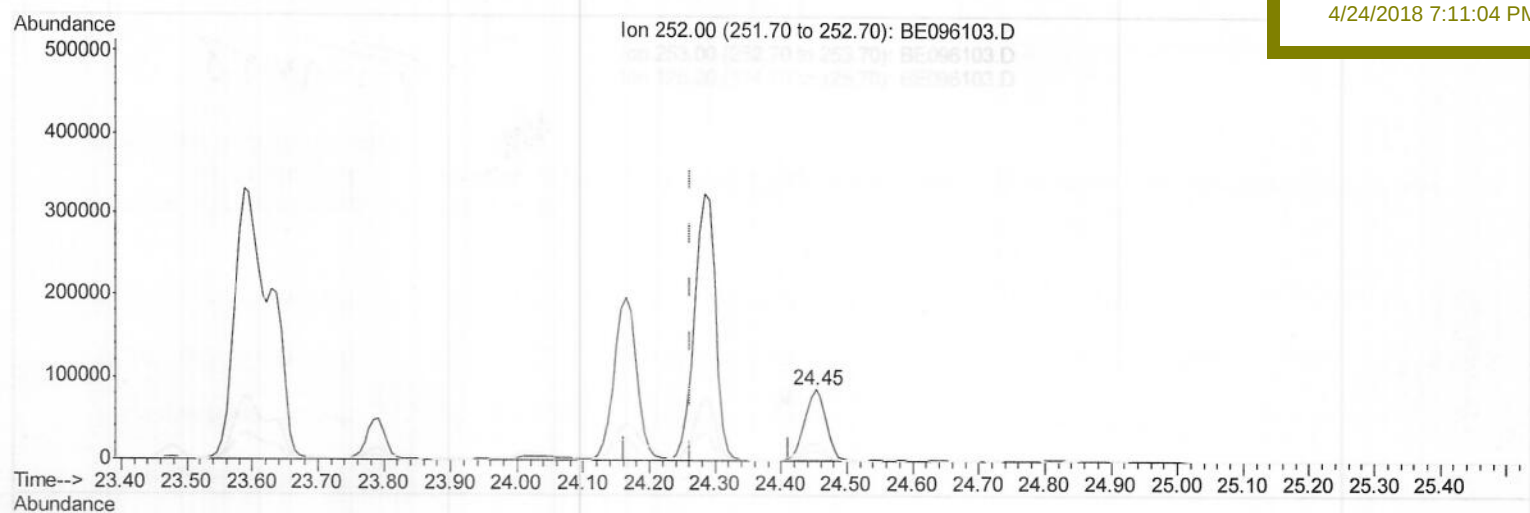
C0AD1

Manual Integrations

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Sohil

4/24/2018 7:11:04 PM



(23) Benzo(a)pyrene (C)

24.453min (+0.191) 9.08ng/ul

response 192578

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.75#
125.00	22.60	14.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

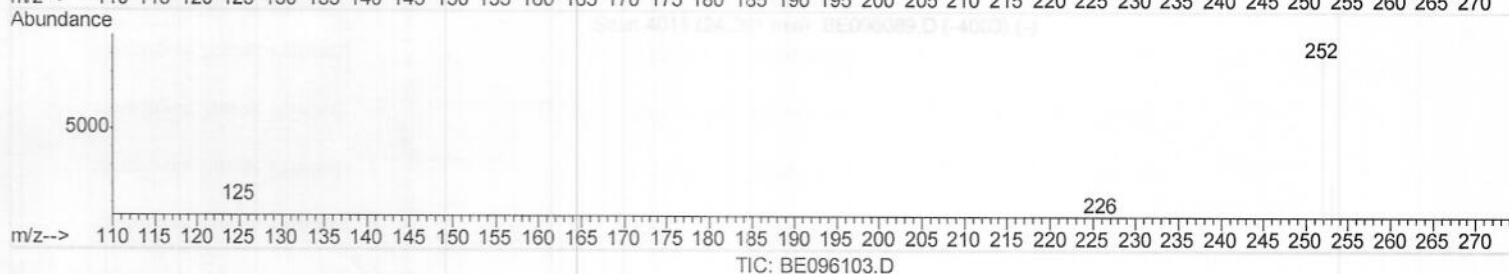
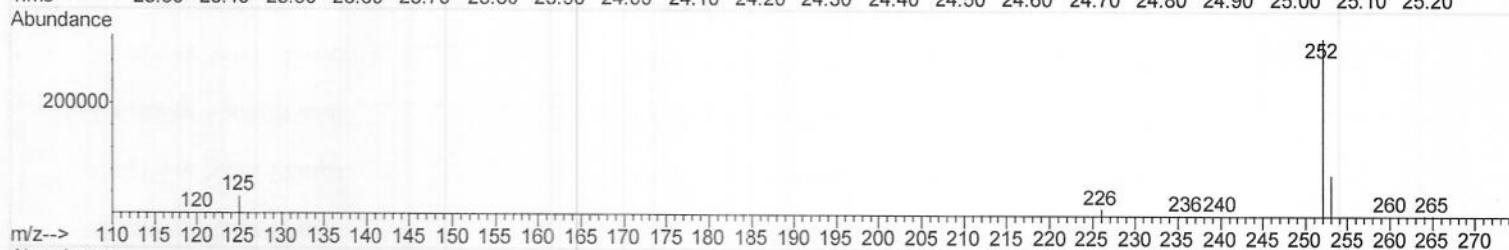
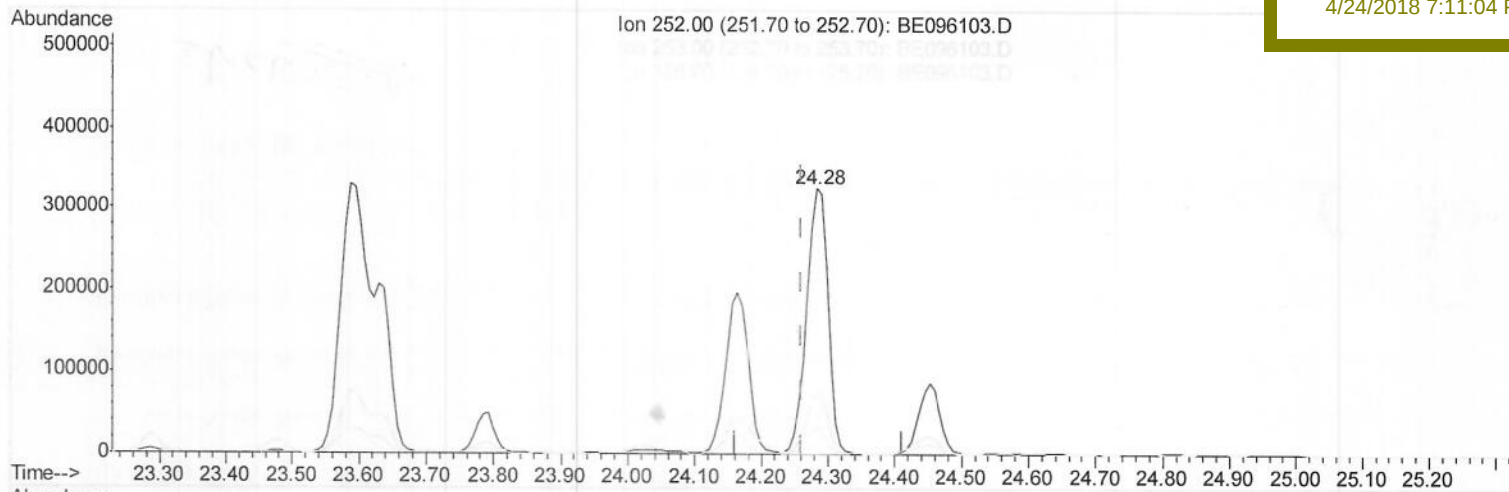
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via: Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:04 PM



(23) Benzo(a)pyrene (C)

24.284min (+0.022) 33.79ng/ul m

response 716702

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.10#
125.00	22.60	9.94#
0.00	0.00	0.00

7 JU 05/03/18

Quantitation Report (Qedit)

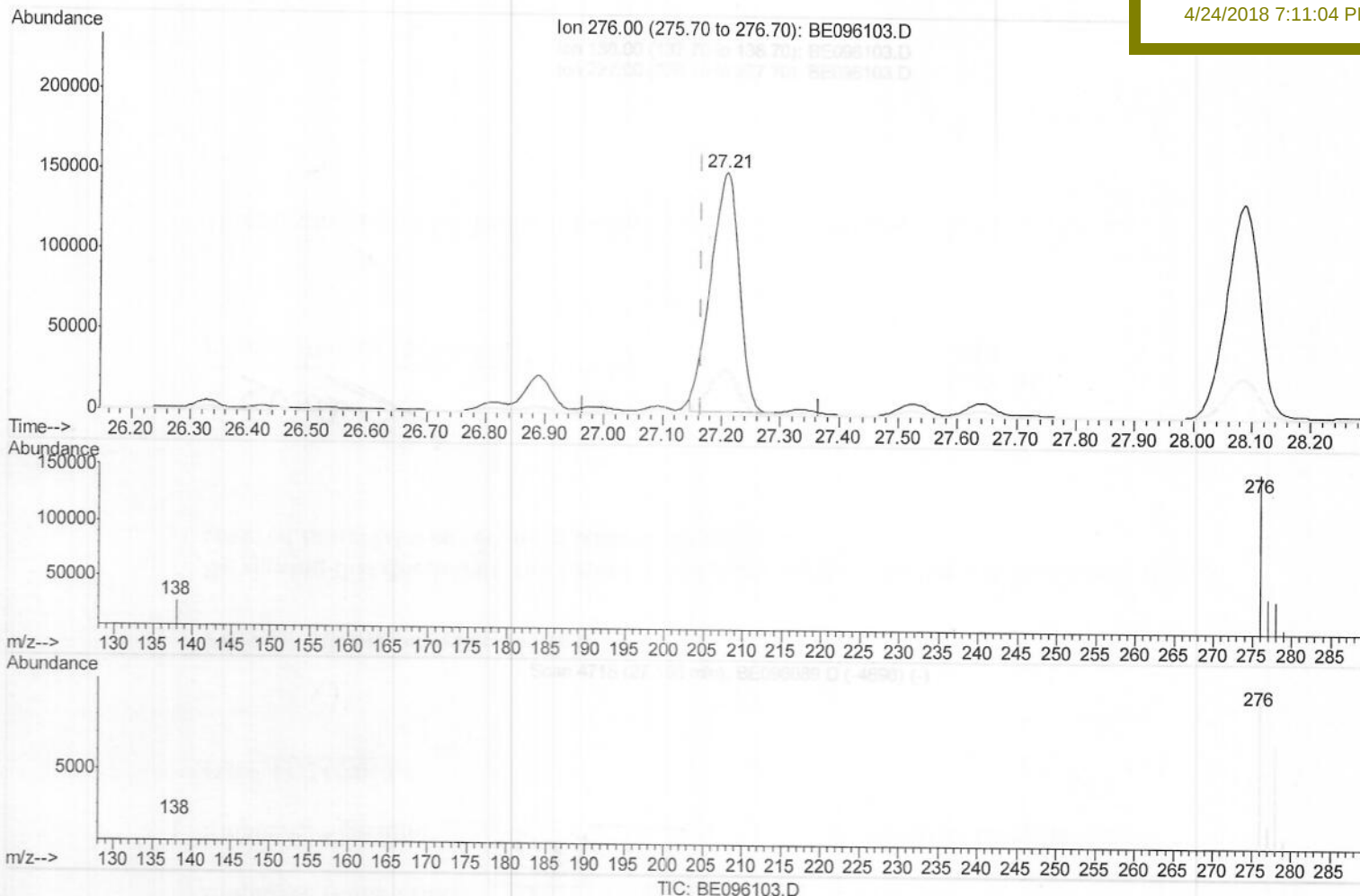
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:04 PM



(24) Indeno(1,2,3-cd)pyrene

27.209min (+0.044) 21.36ng/ul

response 503548

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	18.73#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

ClientSampleId :

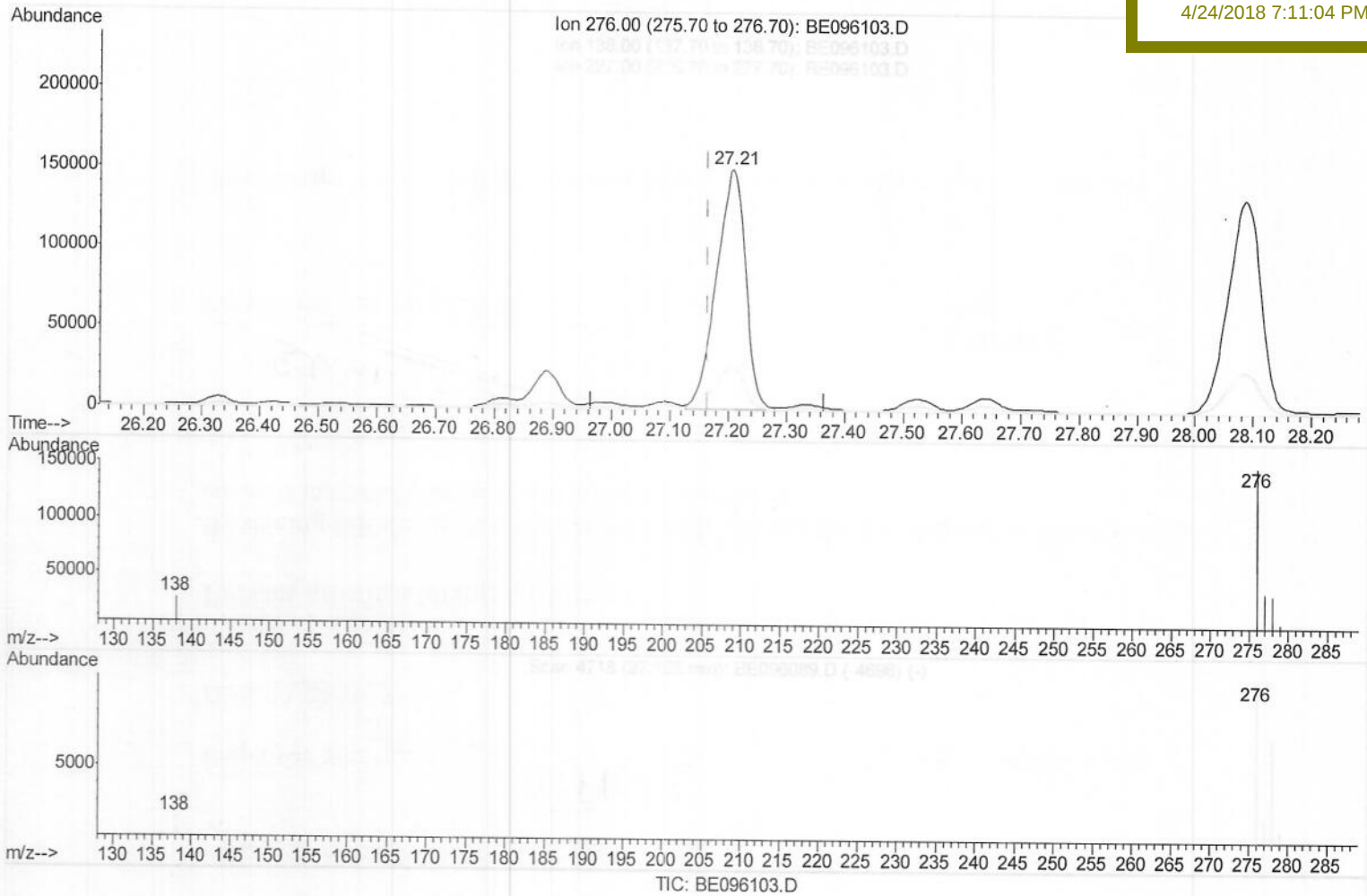
C0AD1

Manual Integrations

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4/24/2018 7:11:04 PM



(24) Indeno(1,2,3-cd)pyrene

27.209min (+0.044) 22.09ng/ul m > JU 05/03/18

response 520742

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	18.11#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

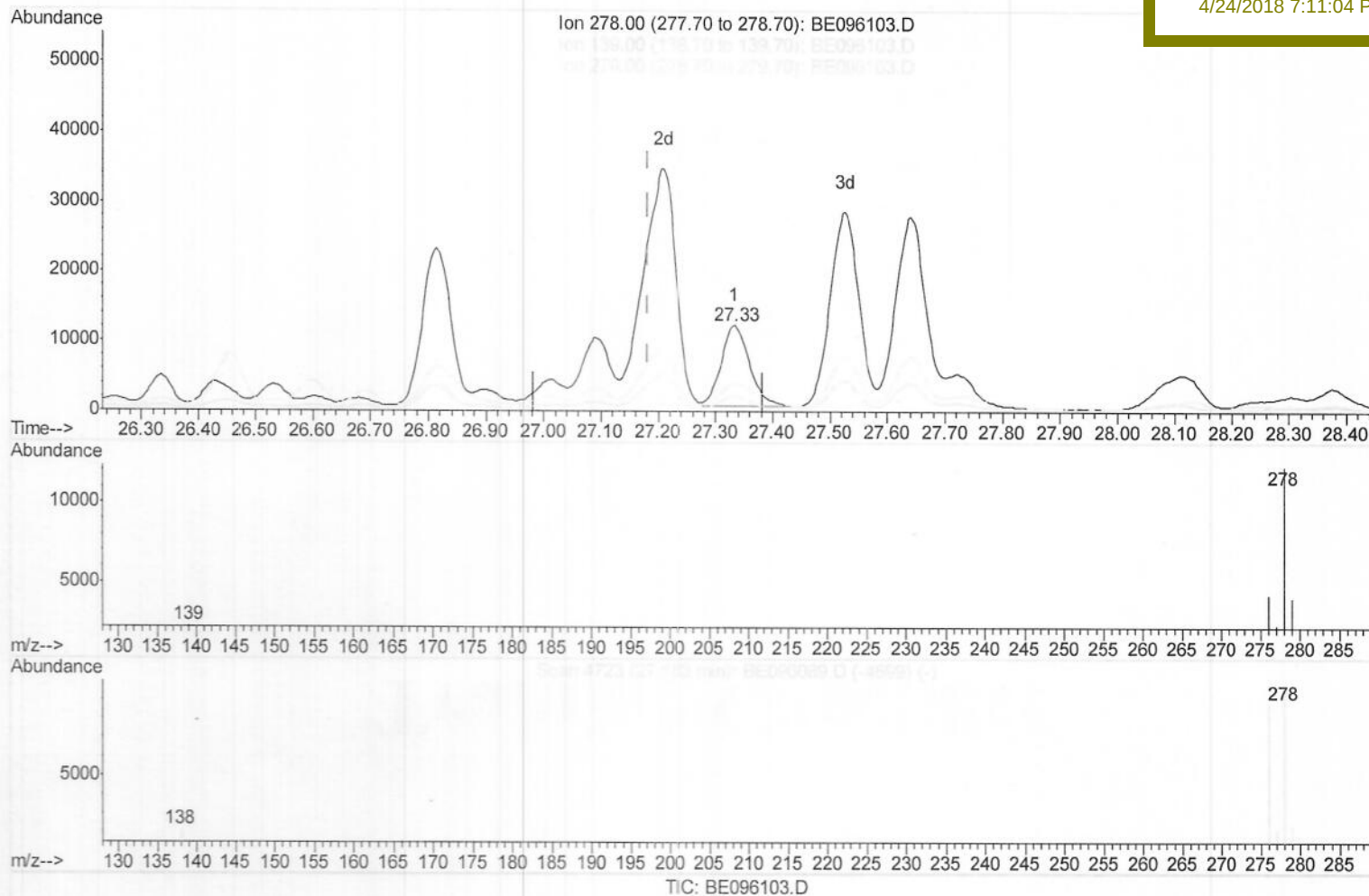
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD1

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:04 PM



(25) Dibenzo(a,h)anthracene

27.334min (+0.151) 2.09ng/ul

response 39675

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.15
279.00	32.40	32.78
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096103.D
Acq On : 24 Apr 2018 2:01
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Instrument :

BNA_E

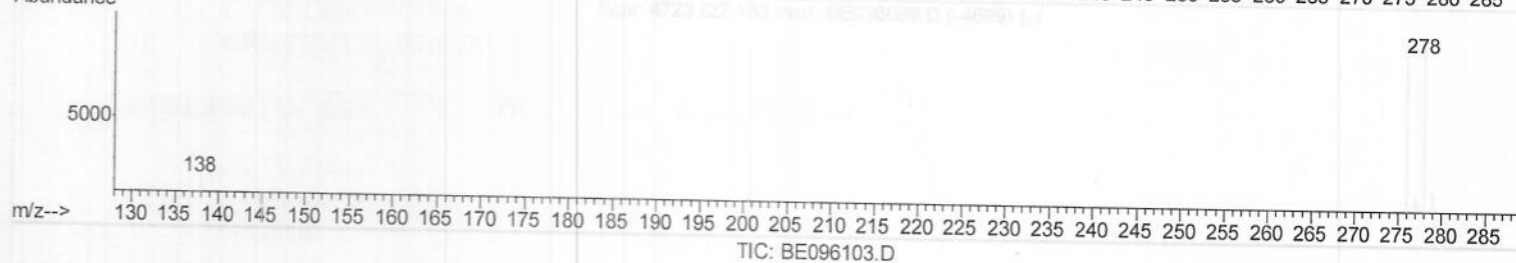
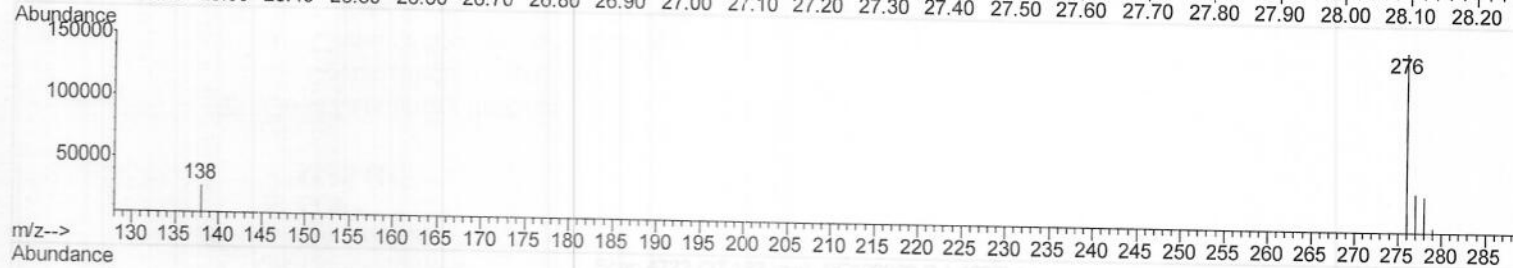
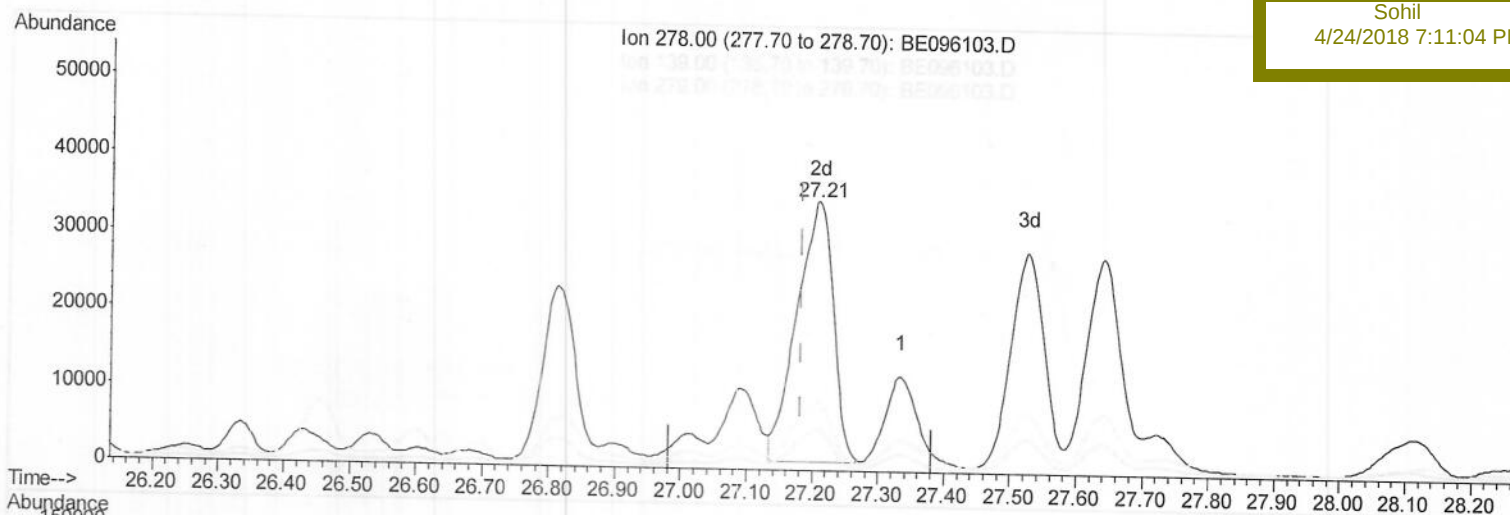
ClientSampleId :

C0AD1

Manual Integrations
APPROVED

Sohil

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(25) Dibenzo(a,h)anthracene

27.209min (+0.026) 6.89ng/ul m

response 130758

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	15.27#
279.00	32.40	25.80#
0.00	0.00	0.00

> JU 05/03/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\

Data File : BE096103.D

Acq On : 24 Apr 2018 2:01

Operator : SJ/JU

Sample : J2434-16

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 24 16:33:55 2018

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 24 06:59:54 2018

Response via : Initial Calibration

Instrument :

BNA_E

ClientSampleId :

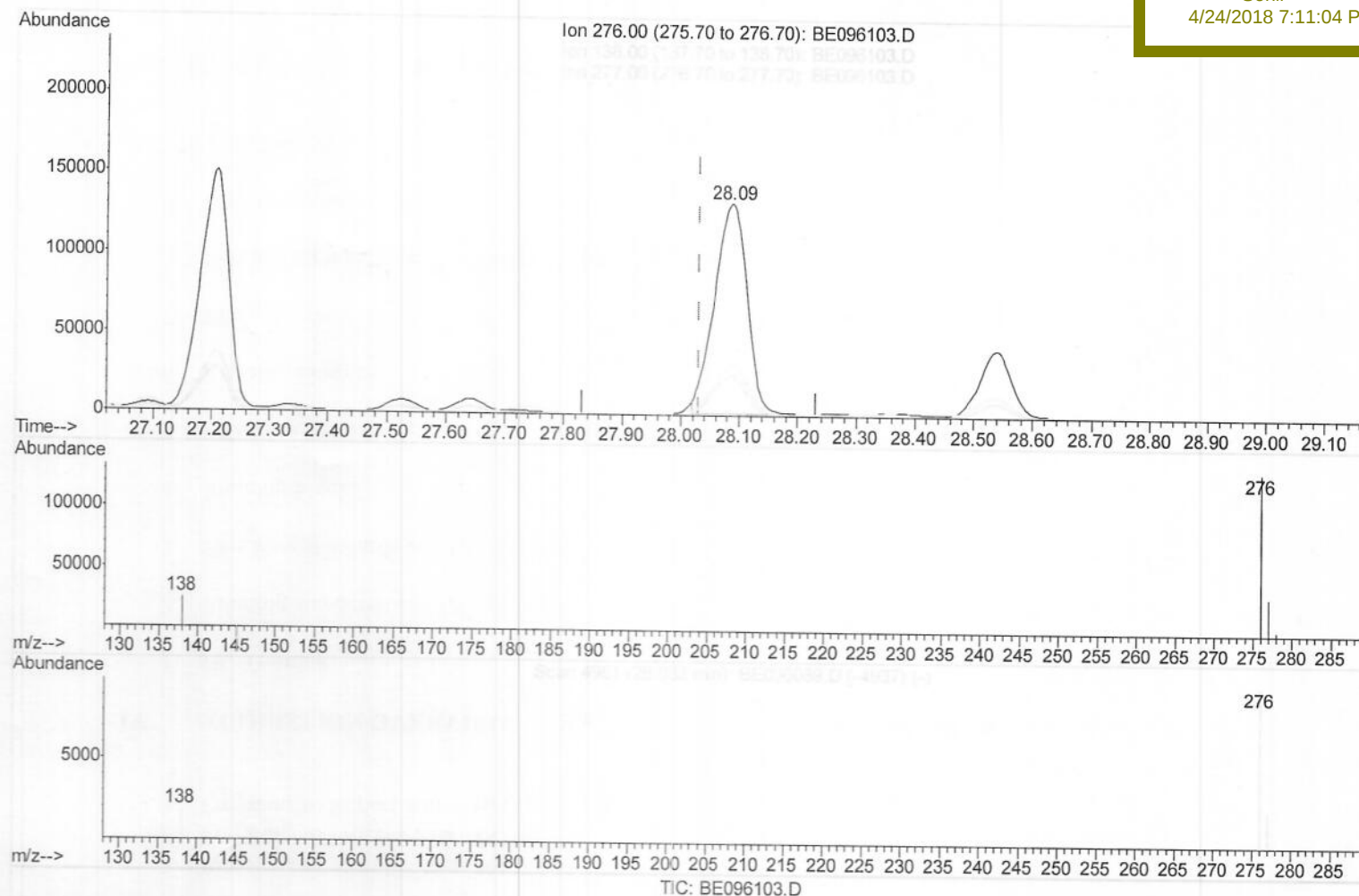
C0AD1

Manual Integrations

APPROVED

Sohil

4/24/2018 7:11:04 PM



(26) Benzo(g,h,i)perylene

28.086min (+0.054) 25.93ng/ul

response 510431

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	19.16#
277.00	25.60	24.13
0.00	0.00	0.00

Quantitation Report (Qedit)

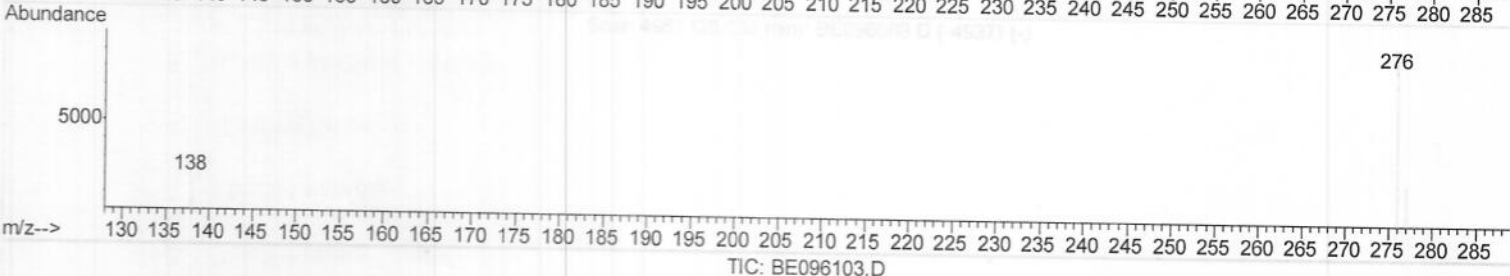
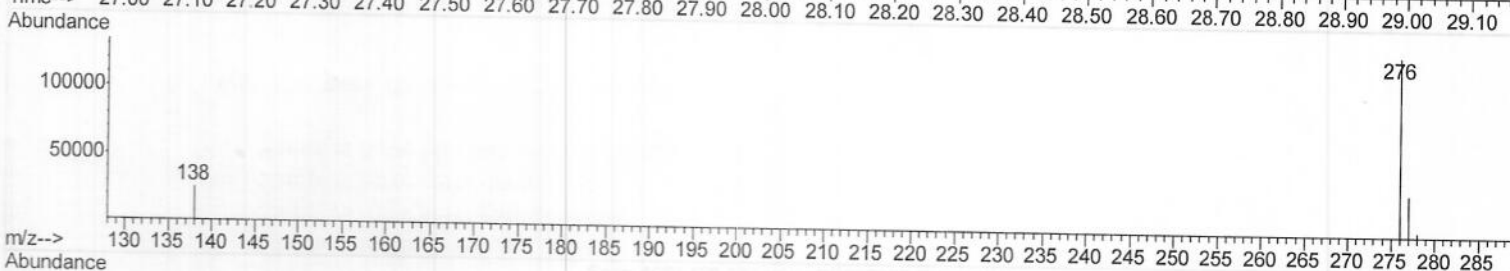
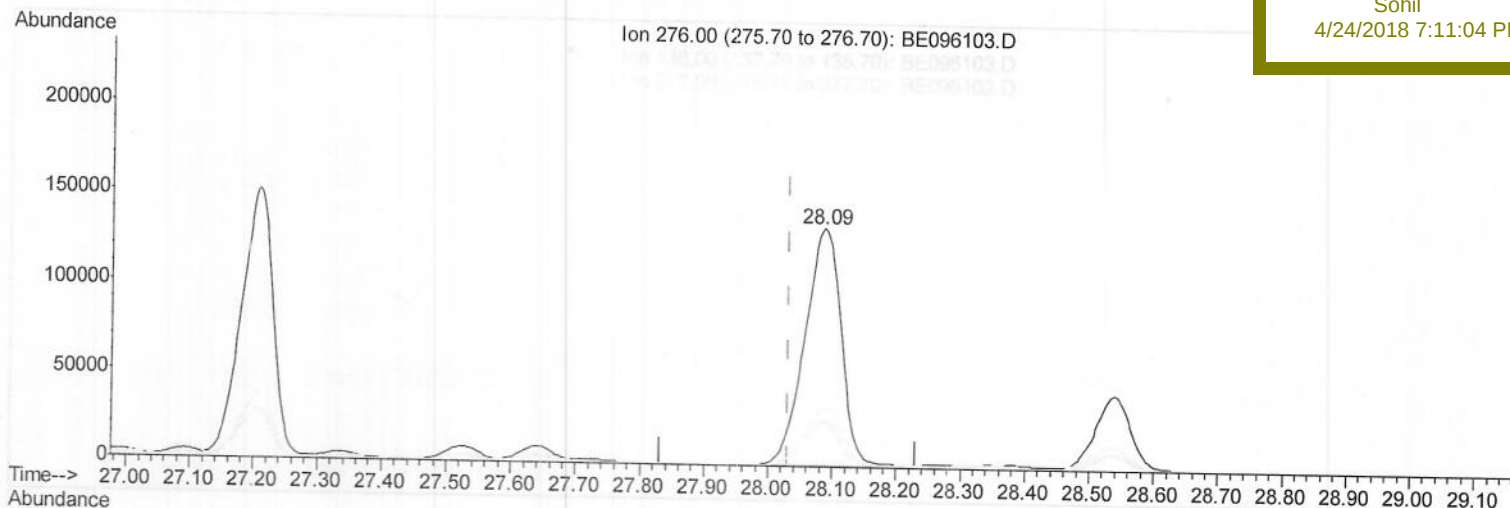
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
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 4/24/2018 7:11:04 PM

Quant Time: Apr 24 16:33:55 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

28.086min (+0.054) 26.83ng/ul m

response 528262

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	19.16#
277.00	25.60	24.13
0.00	0.00	0.00

7 JU 25/03/18

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096103.D
 Acq On : 24 Apr 2018 2:01
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:04 PM

Quant Time: Apr 24 16:36:26 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2096	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5664	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3262	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7344m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6982m	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	6792m	0.40	ng/ul	0.02

JU 05/03/18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1780	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4491m	0.15	ng/ul	0.00

JU 05/03/18

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.25	128	4075	0.258	ng/ul#	91
5) 2-Methylnaphthalene	12.83	142	2629	0.245	ng/ul	100
7) Acenaphthylene	14.70	152	1558	0.092	ng/ul#	88
8) Acenaphthene	15.03	153	8566	0.706	ng/ul	95
9) Fluorene	15.99	166	4315	0.315	ng/ul	90
12) Phenanthrene	17.72	178	92706m	4.283	ng/ul	
13) Anthracene	17.81	178	21242m	0.986	ng/ul	
15) Fluoranthene	19.69	202	516006m	17.520	ng/ul	
17) Pyrene	20.04	202	603958	25.457	ng/ul#	77
18) Benzo(a)anthracene	21.75	228	585960m	20.773	ng/ul	
19) Chrysene	21.82	228	505091	24.880	ng/ul	97
21) Benzo(b)fluoranthene	23.59	252	949069m	43.183	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	296250m	13.531	ng/ul	
23) Benzo(a)pyrene	24.28	252	716702m	33.794	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.21	276	520742m	22.094	ng/ul	
25) Dibenzo(a,h)anthracene	27.21	278	130758m	6.889	ng/ul	
26) Benzo(g,h,i)perylene	28.09	276	528262m	26.833	ng/ul	

JU 05/03/18

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