

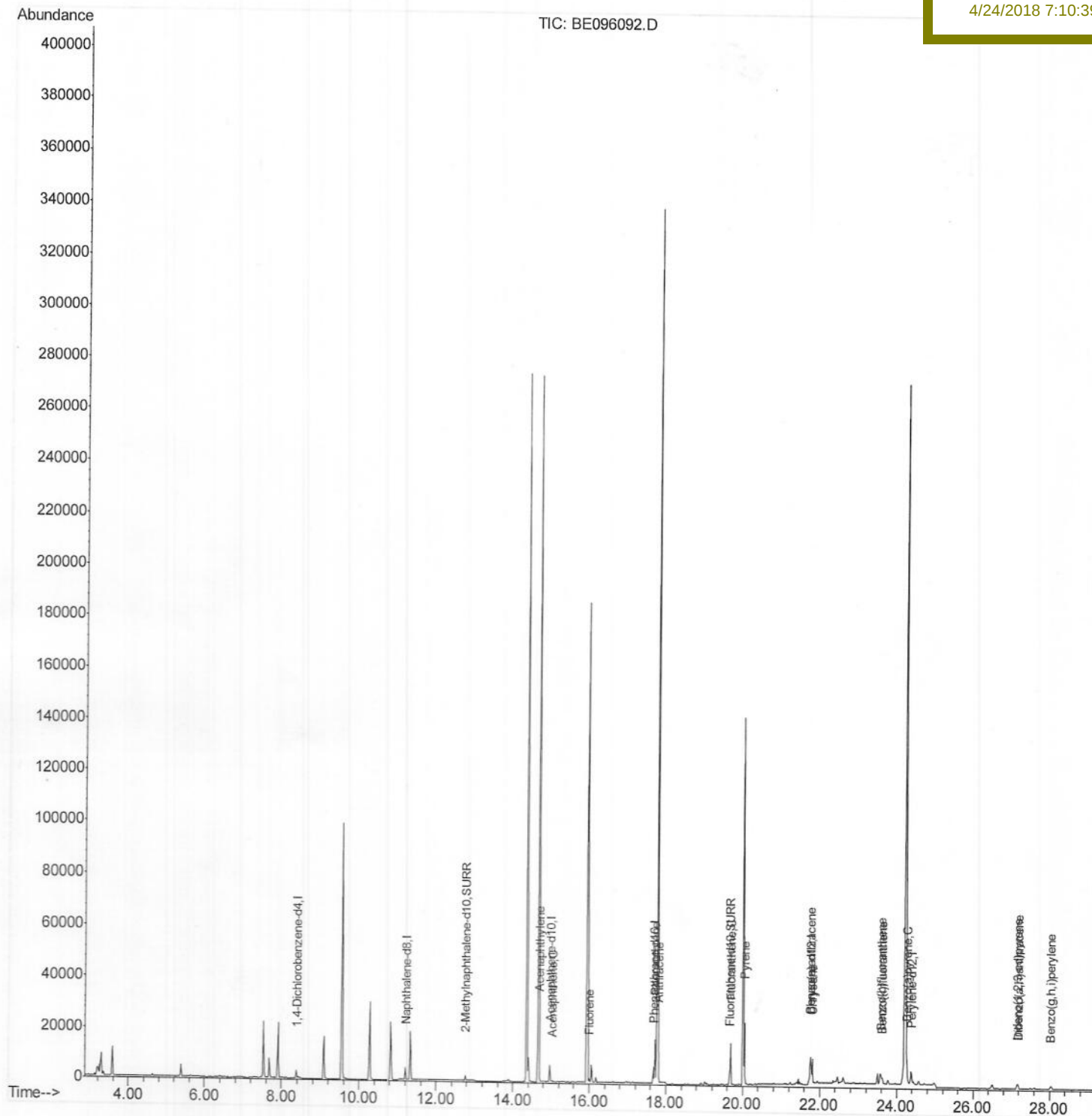
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



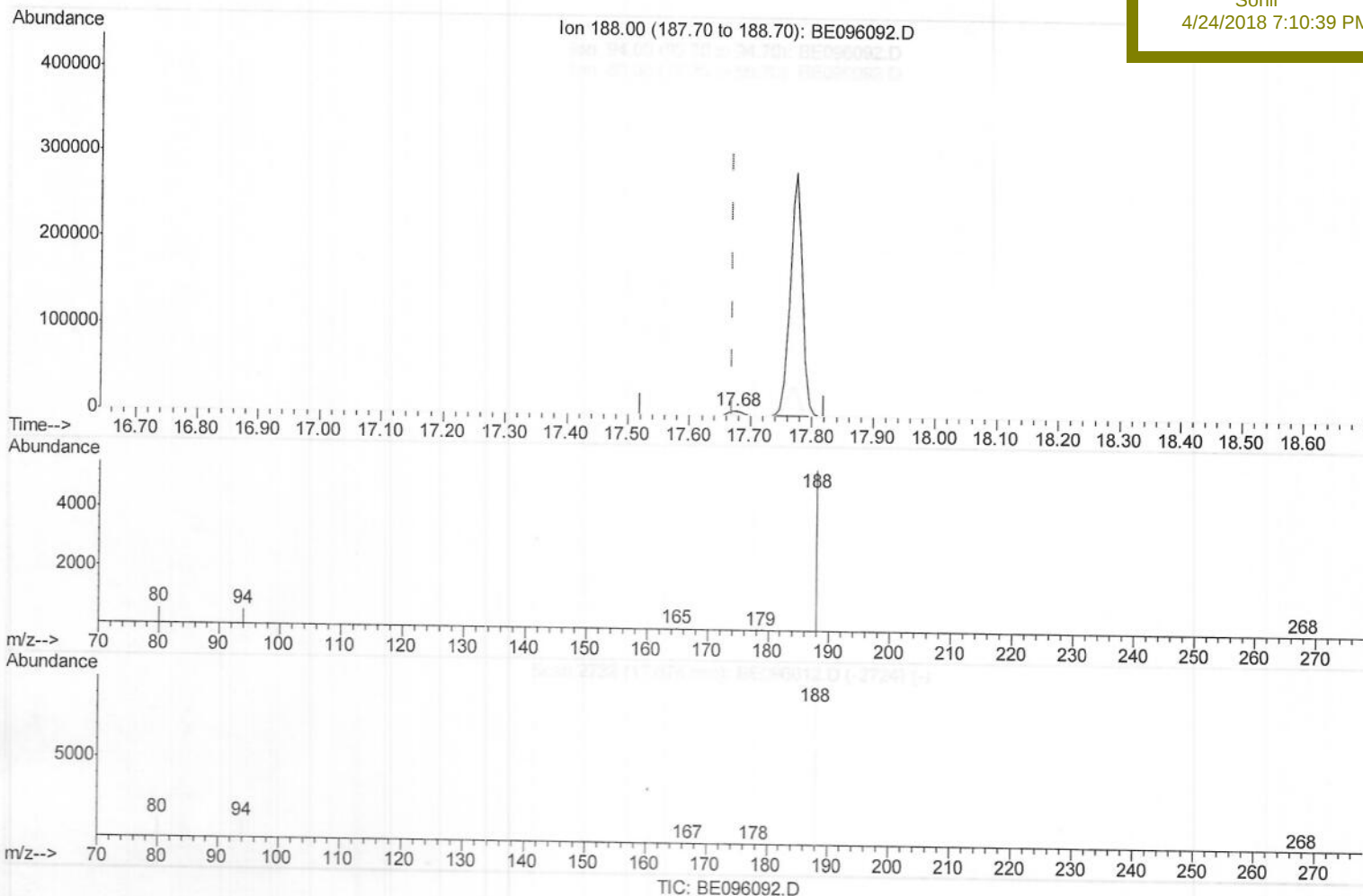
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(10) Phenanthrene-d10 (I)

17.676min (+0.006) 0.40ng/ul m

response 7764

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.69
80.00	11.80	10.41
0.00	0.00	0.00

SJ
04/24/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :

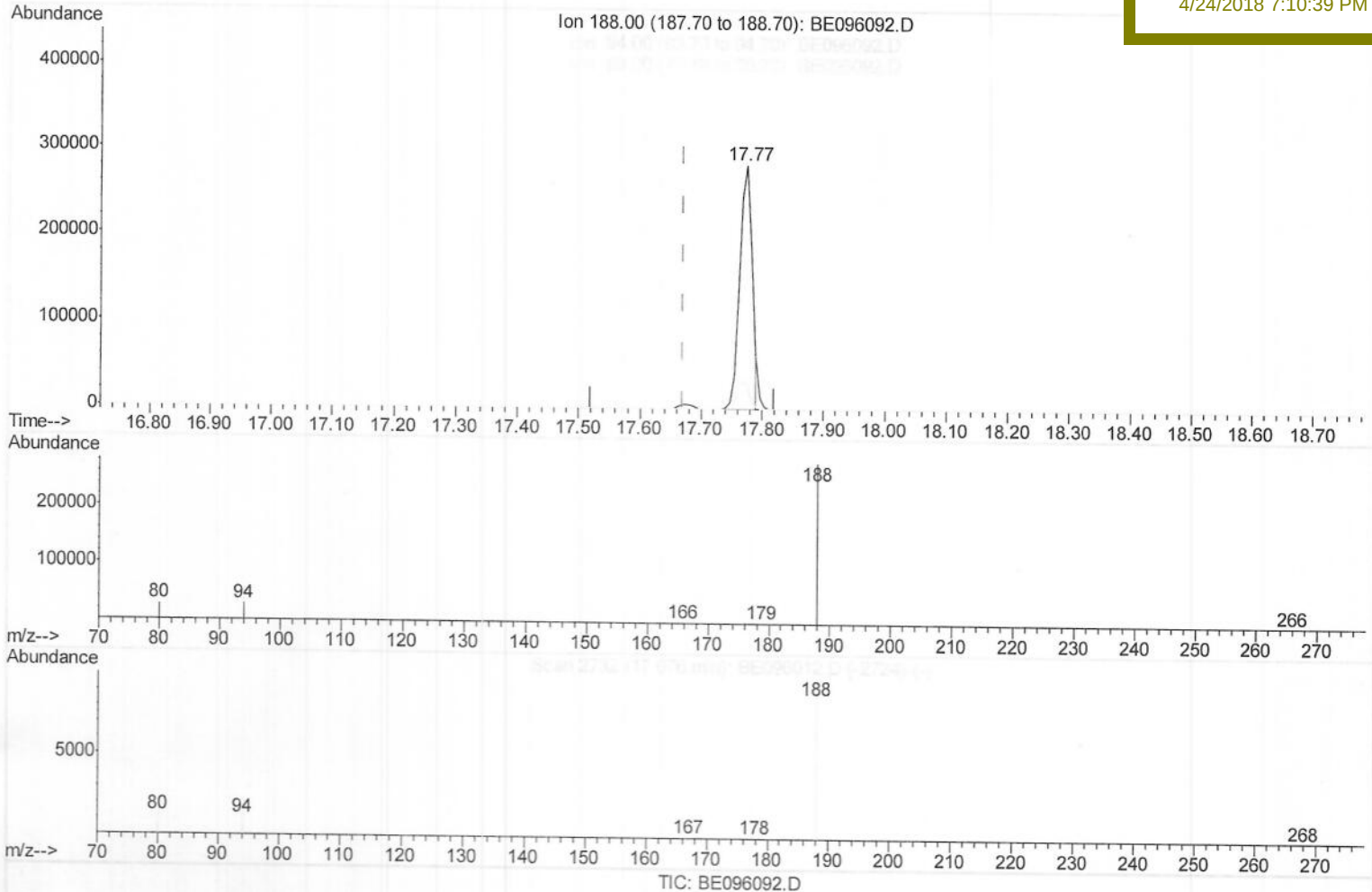
A3Y27

Manual Integrations

APPROVED

Sohil

4/24/2018 7:10:39 PM



(10) Phenanthrene-d10 (I)

17.775min (+0.105) 0.40ng/ul

response 398124

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.20
80.00	11.80	9.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :

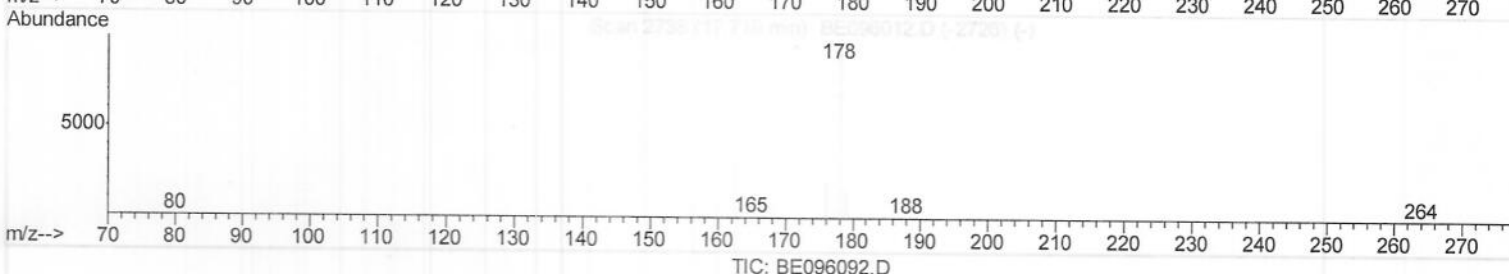
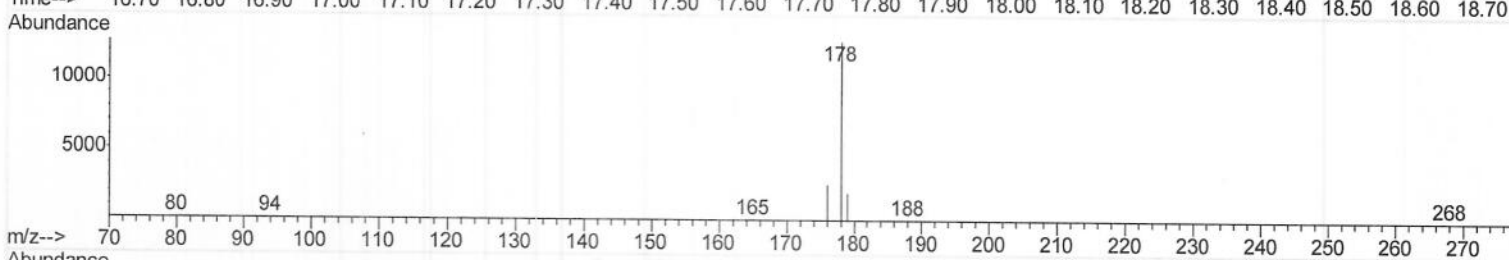
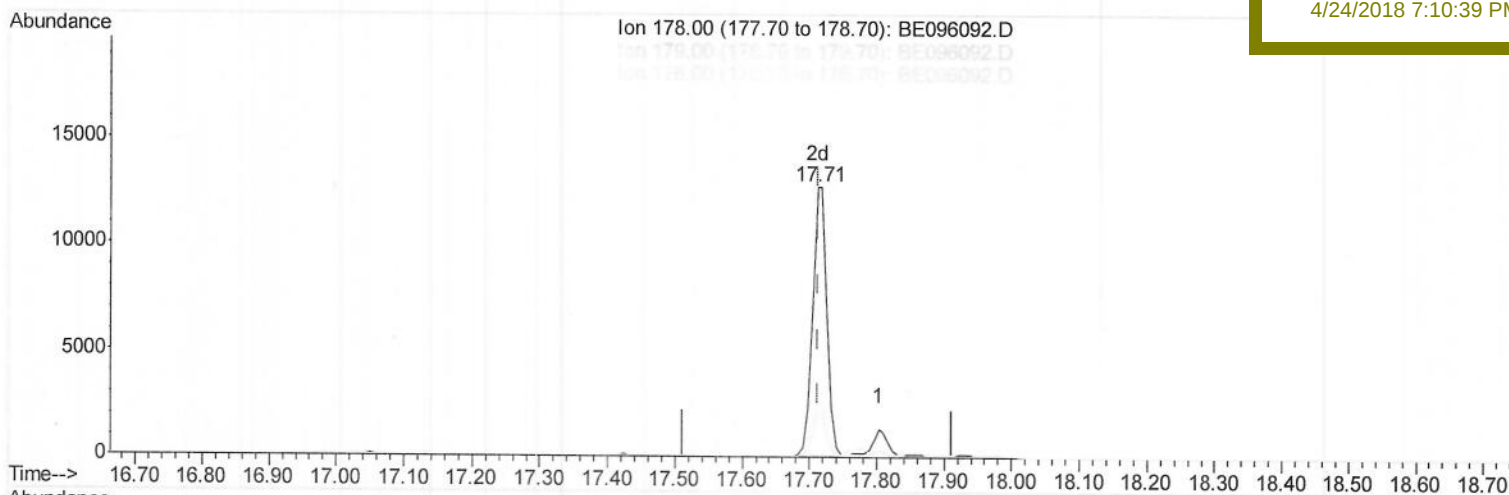
A3Y27

Manual Integrations

APPROVED

Sohil

4/24/2018 7:10:39 PM



(12) Phenanthrene

17.712min (-0.001) 0.84ng/ul m

response 19117

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.59#
176.00	17.00	20.18
0.00	0.00	0.00

SJ
04/24/18

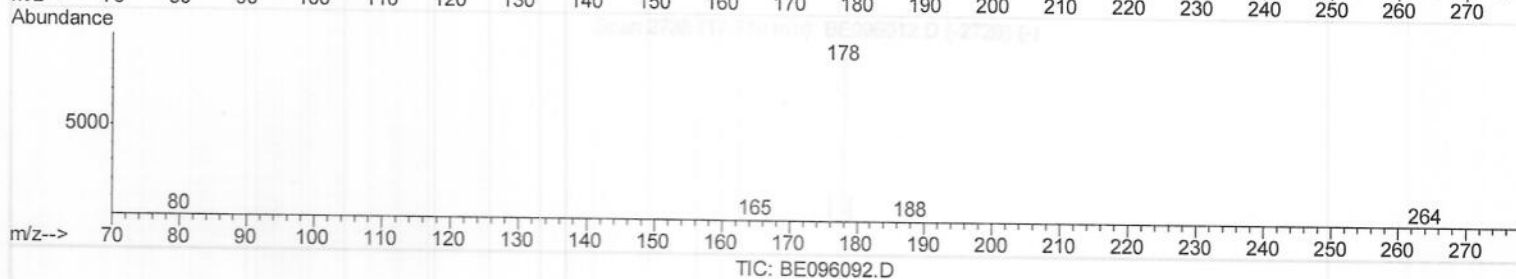
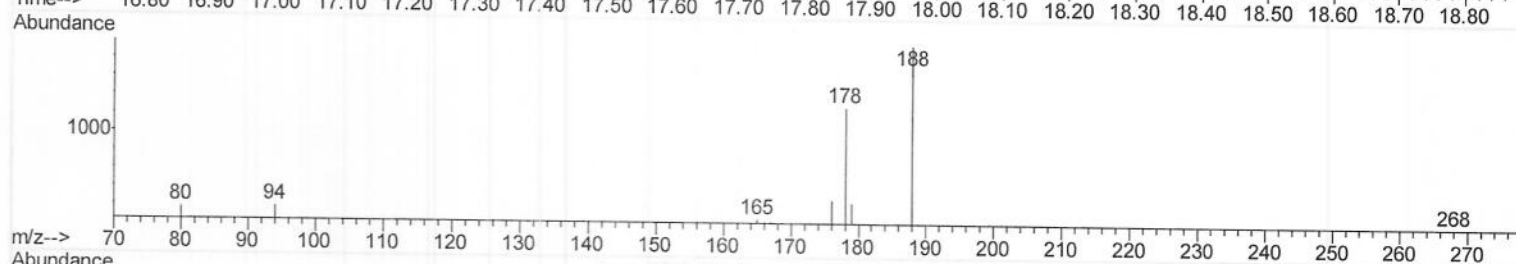
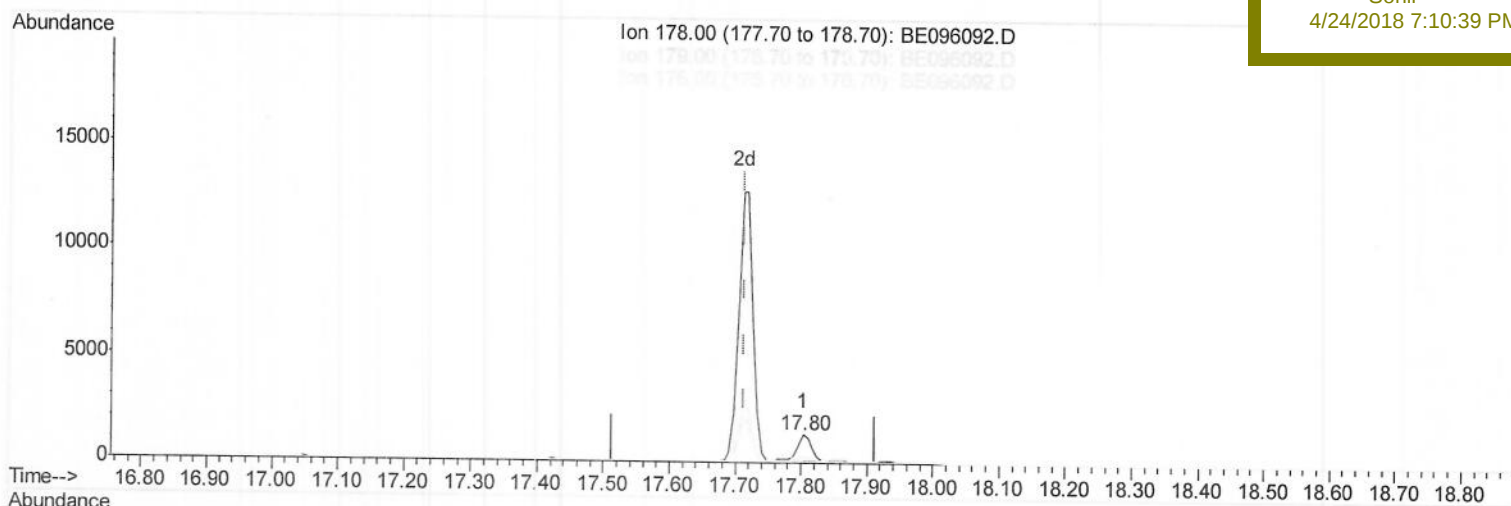
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(12) Phenanthrene

17.803min (+0.091) 0.00ng/ul

response 2031

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.70
176.00	17.00	22.84#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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

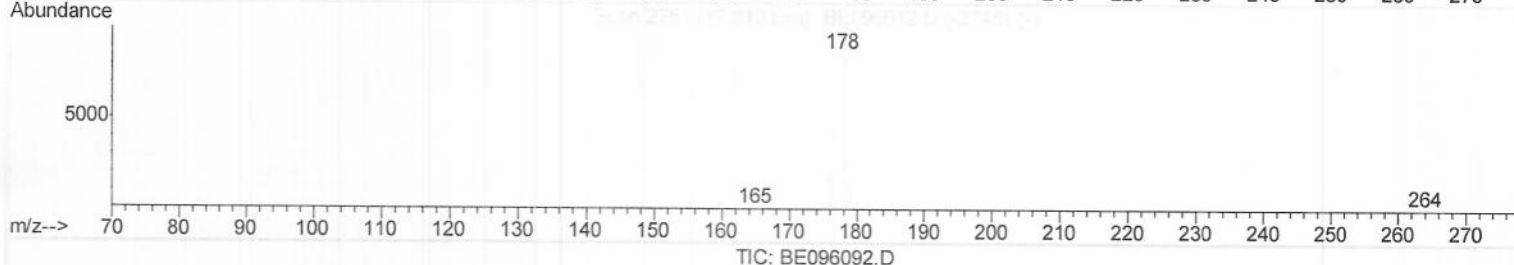
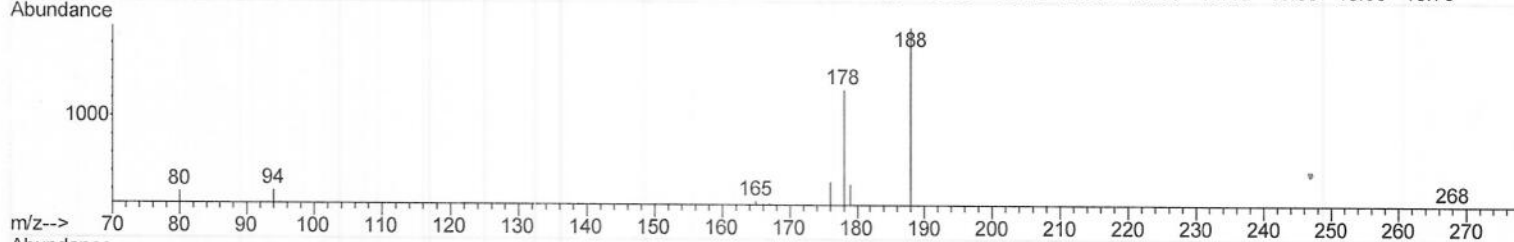
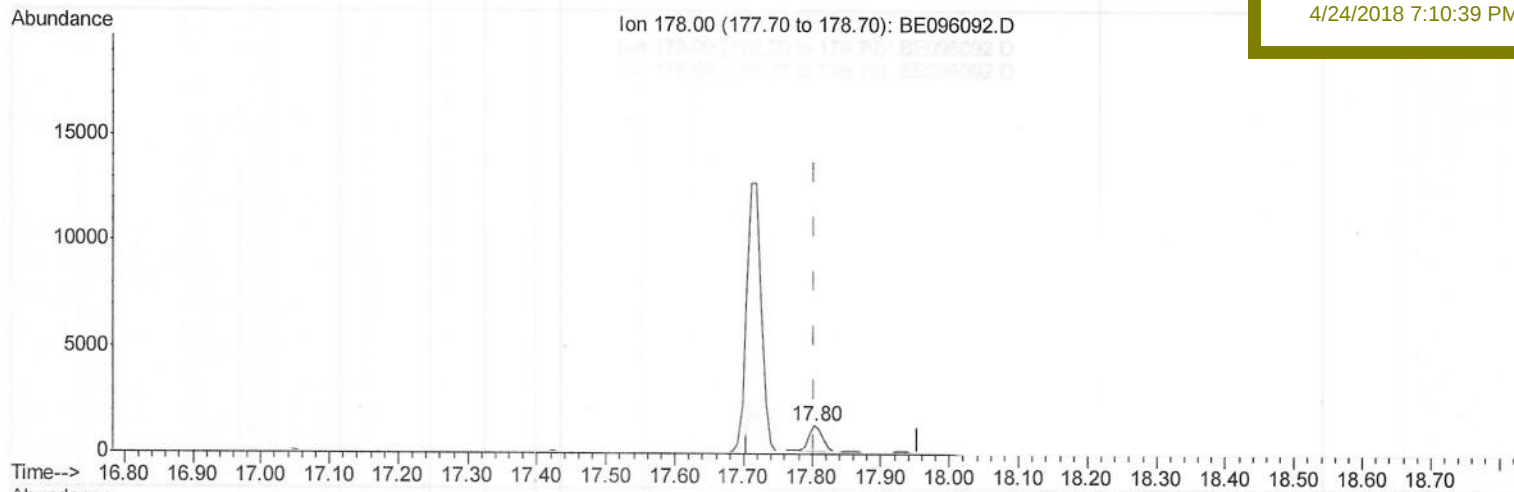
ClientSampleId :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(13) Anthracene

17.803min (-0.001) 0.07ng/ul m

response 1698

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	20.70
176.00	18.40	22.84#
0.00	0.00	0.00

SJ
04/24/18

Quantitation Report (Qedit)

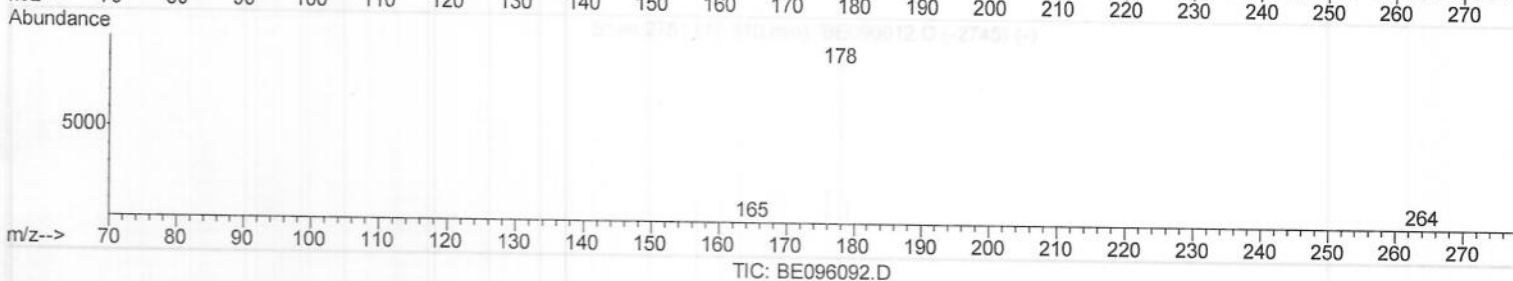
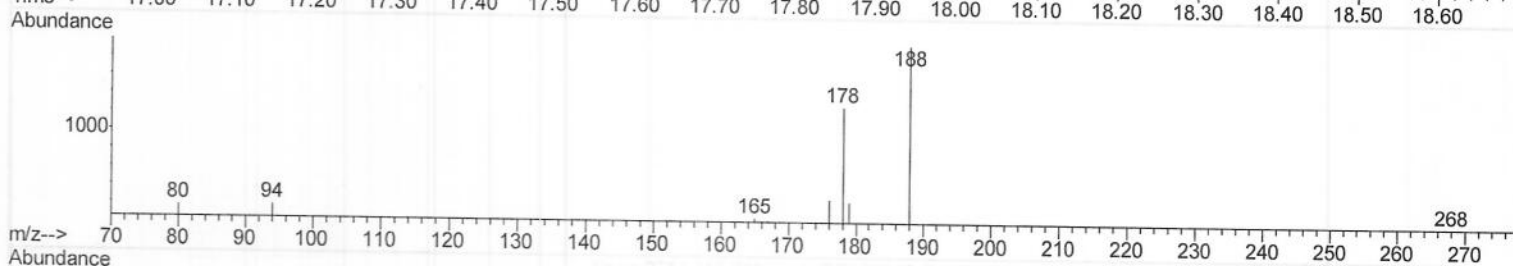
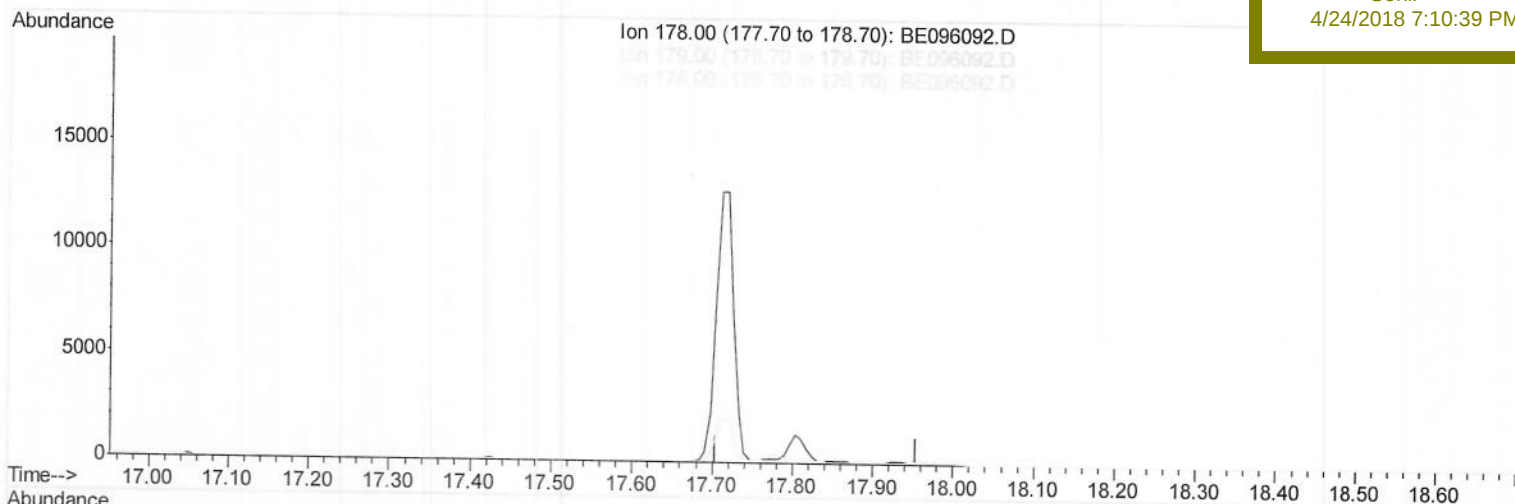
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096092.D
 Acq On : 23 Apr 2018 19:24
 Operator : SJ/JU
 Sample : J2355-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :
 A3Y27

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:39 PM



(13) Anthracene

17.804min (-17.804) 0.00ng/ul

response 0

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

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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

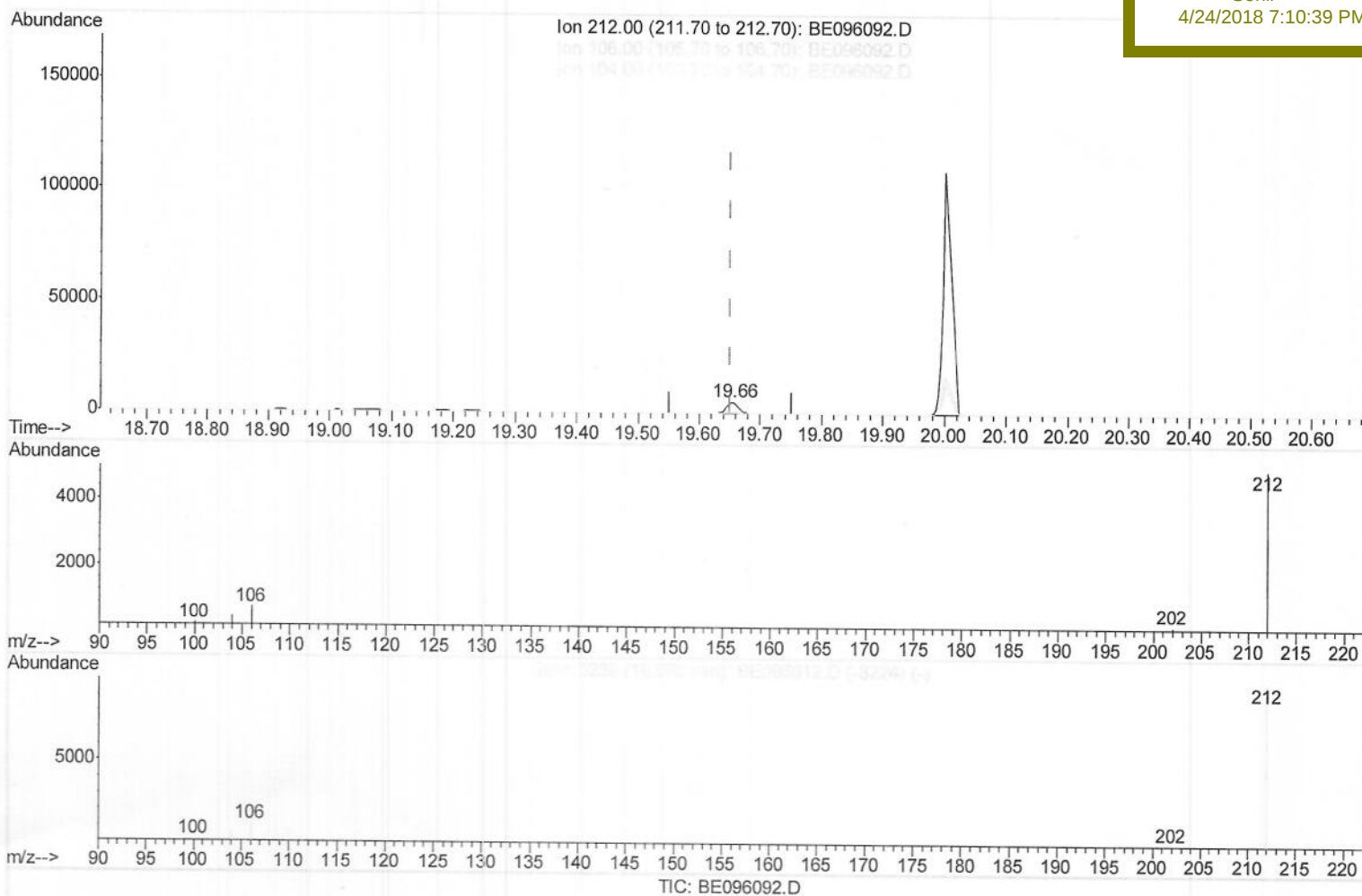
ClientSampleId :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(14) Fluoranthene-d10 (SURR)

19.655min (+0.003) 0.20ng/ul m

response 6537

Ion Exp% Act%

212.00 100 100

106.00 18.30 0.12#

104.00 15.60 0.00#

0.00 0.00 0.00

SJ
04/24/18

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:40:53 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

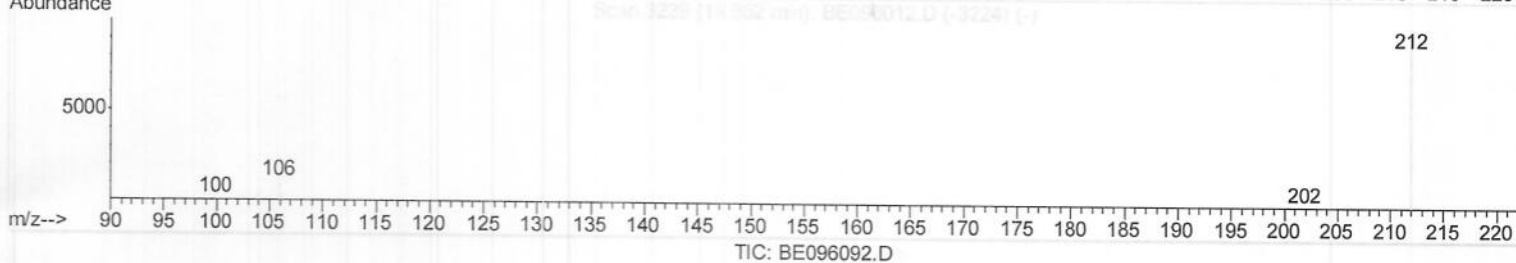
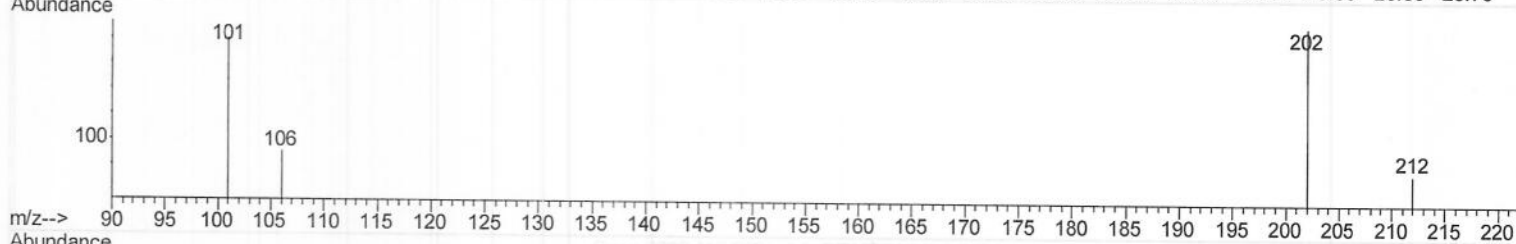
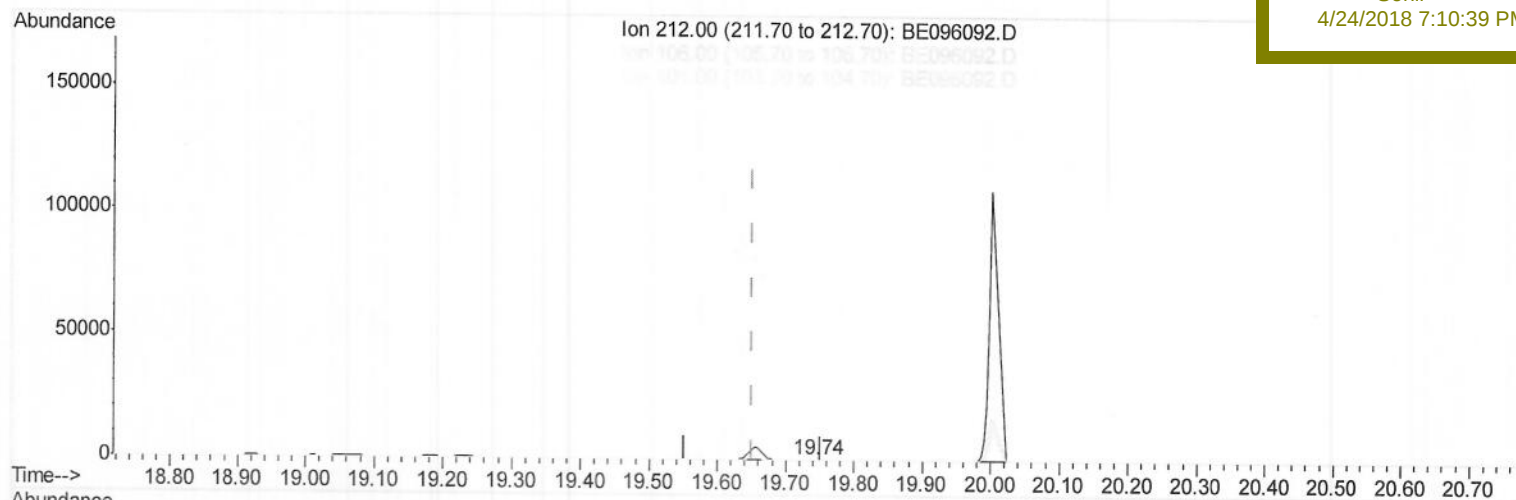
ClientSampleId :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(14) Fluoranthene-d10 (SURR)

19.744min (+0.092) 0.00ng/ul

response 39

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	20.51
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

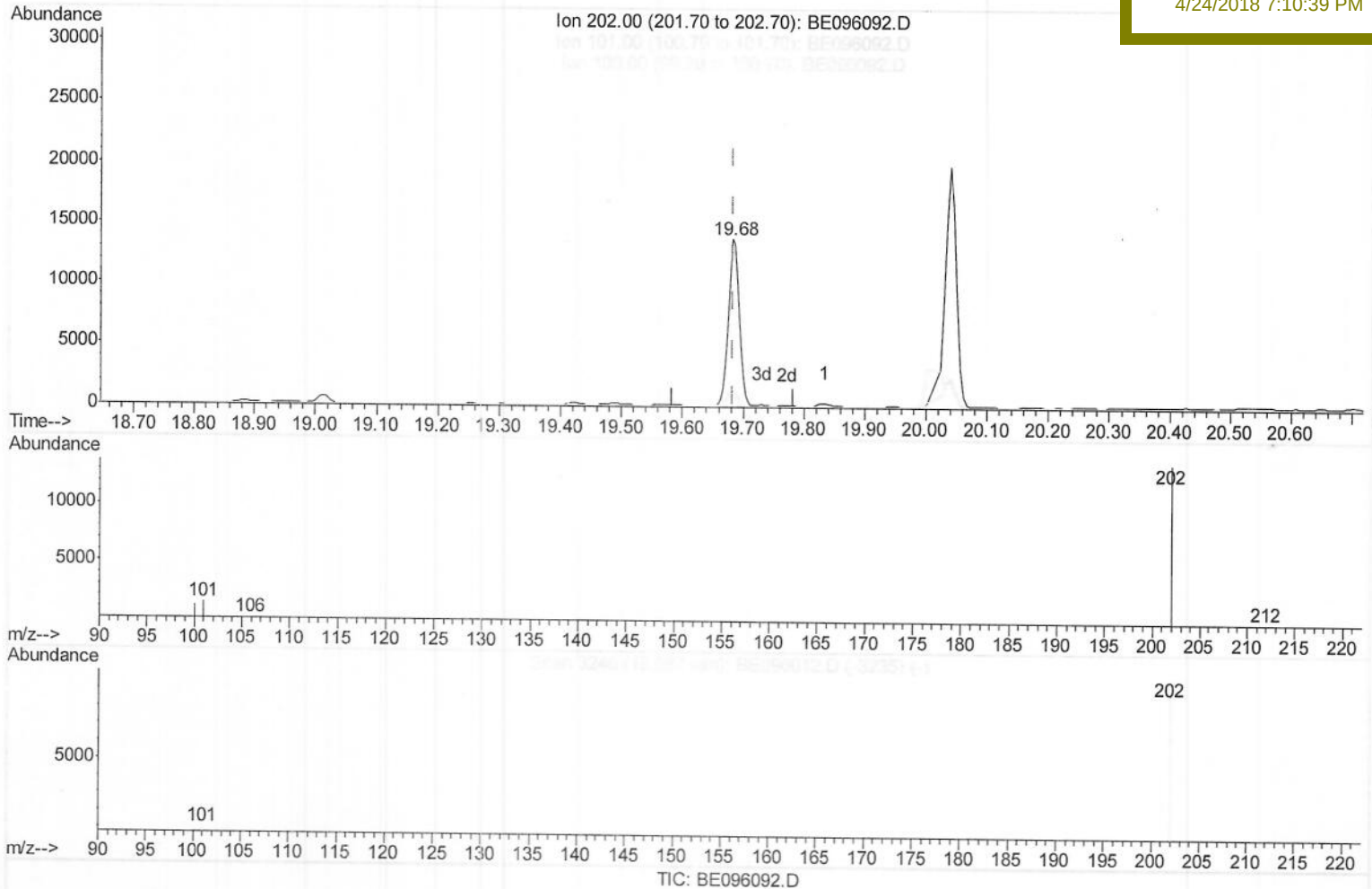
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096092.D
 Acq On : 23 Apr 2018 19:24
 Operator : SJ/JU
 Sample : J2355-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
 A3Y27

Manual Integrations
APPROVED

Sohil
 4/24/2018 7:10:39 PM



(15) Fluoranthene (C)

19.684min (-0.001) 0.58ng/ul m

response 18050

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.56
100.00	19.50	8.74
0.00	0.00	0.00

SJ
 04/24/18

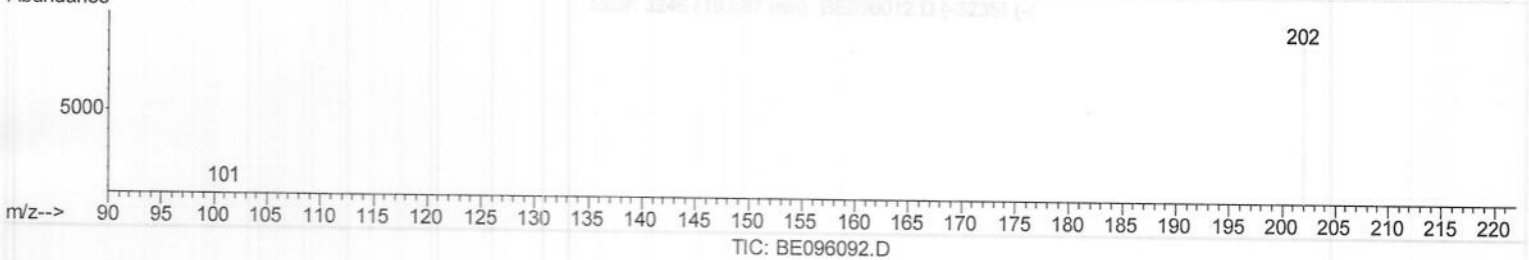
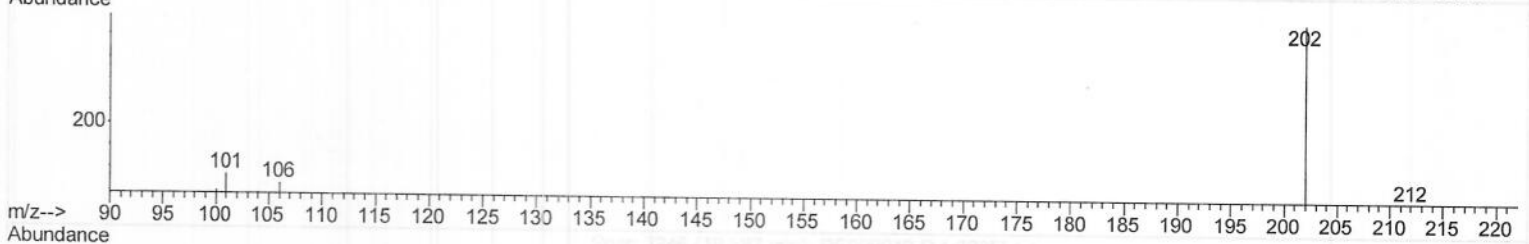
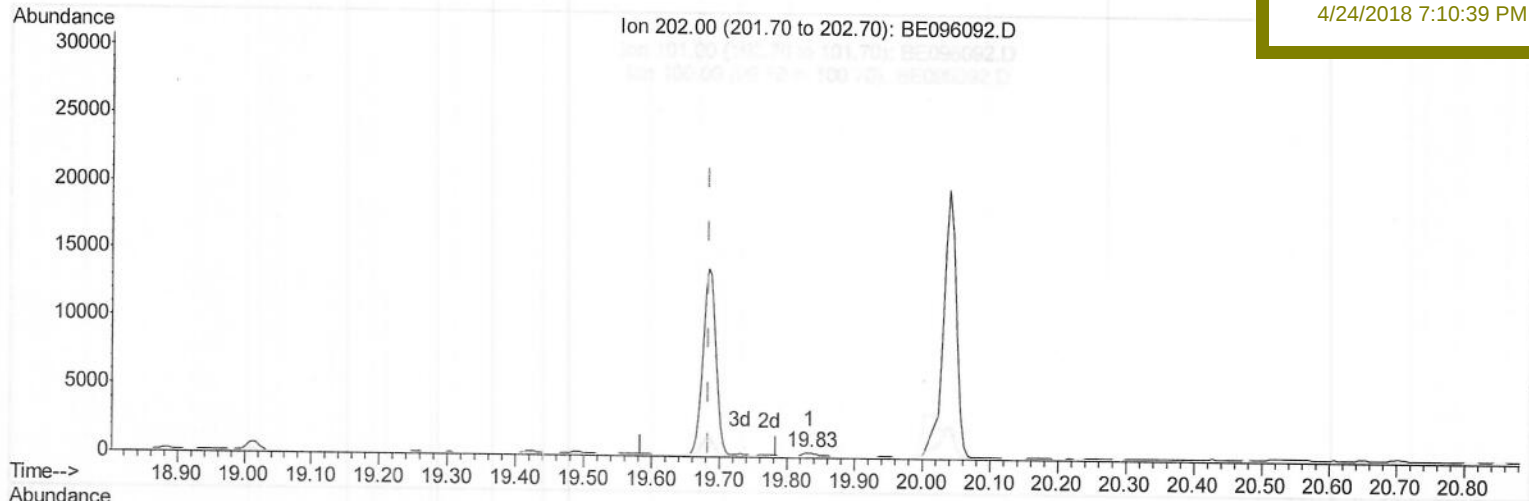
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(15) Fluoranthene (C)

19.833min (+0.149) 0.00ng/ul

response 476

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	27.74
100.00	19.50	20.61
0.00	0.00	0.00

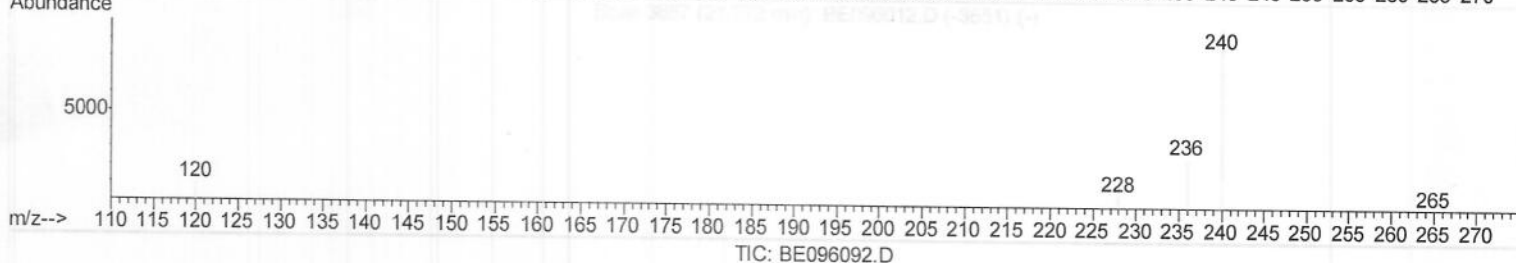
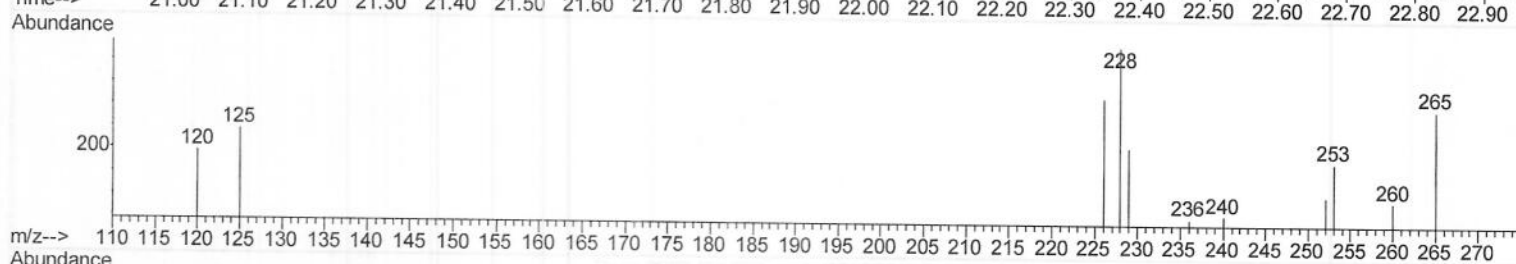
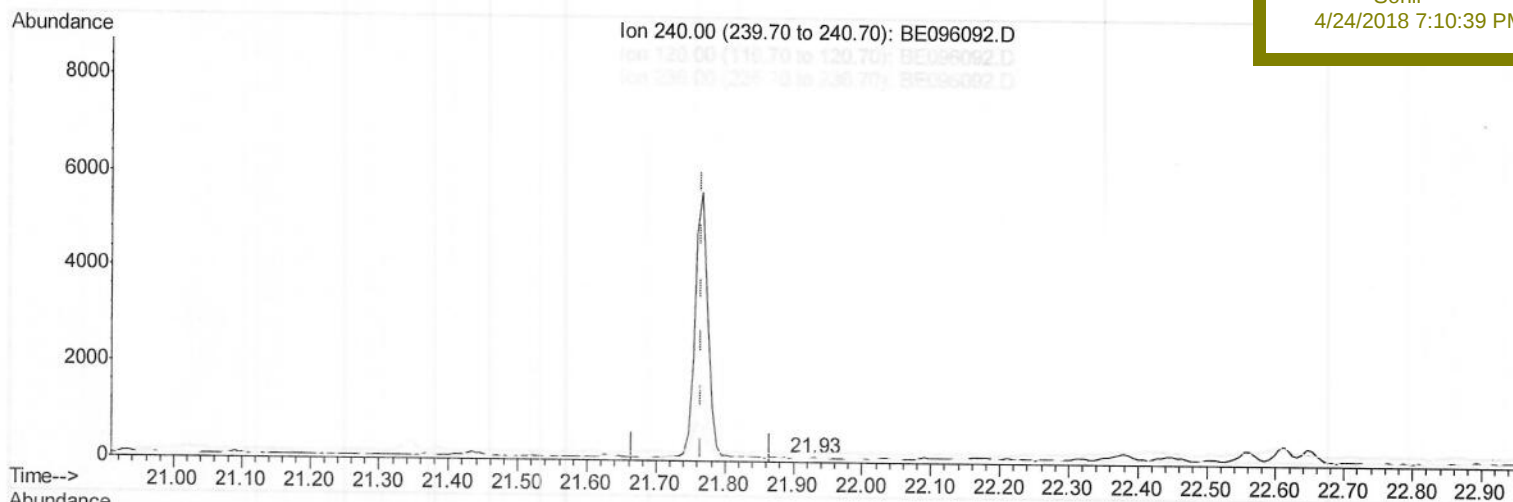
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(16) Chrysene-d12 (I)

21.929min (+0.164) 0.40ng/ul

response 18

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	214.29#
236.00	34.90	94.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

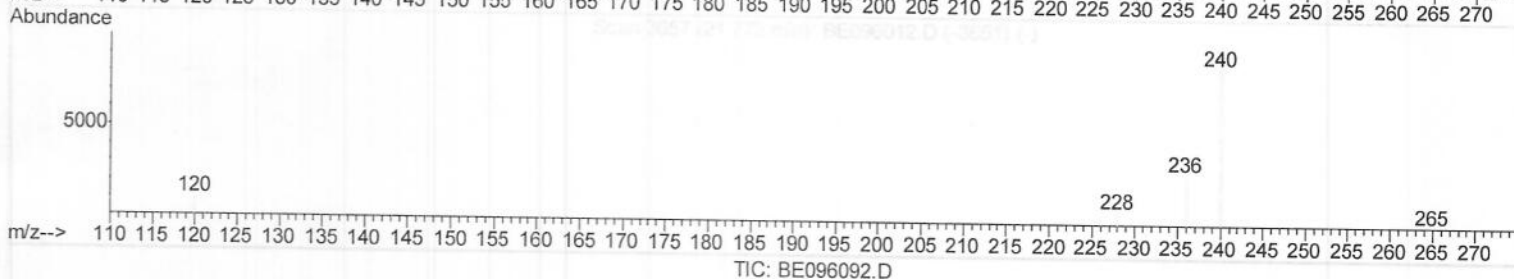
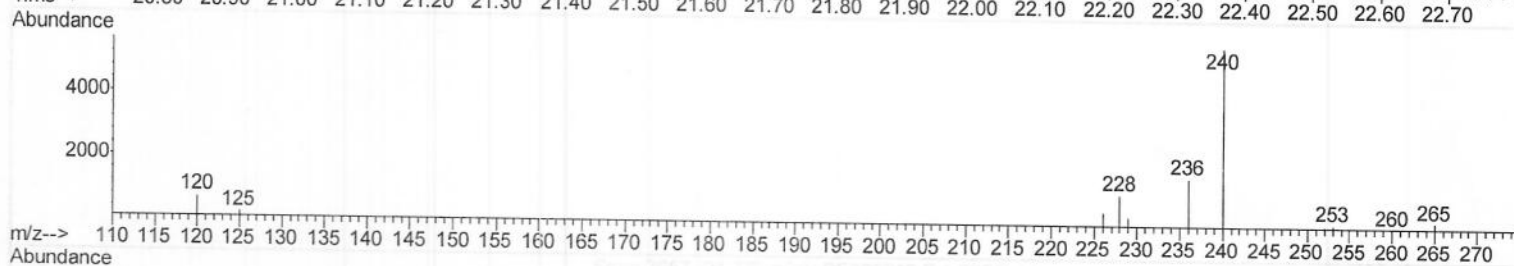
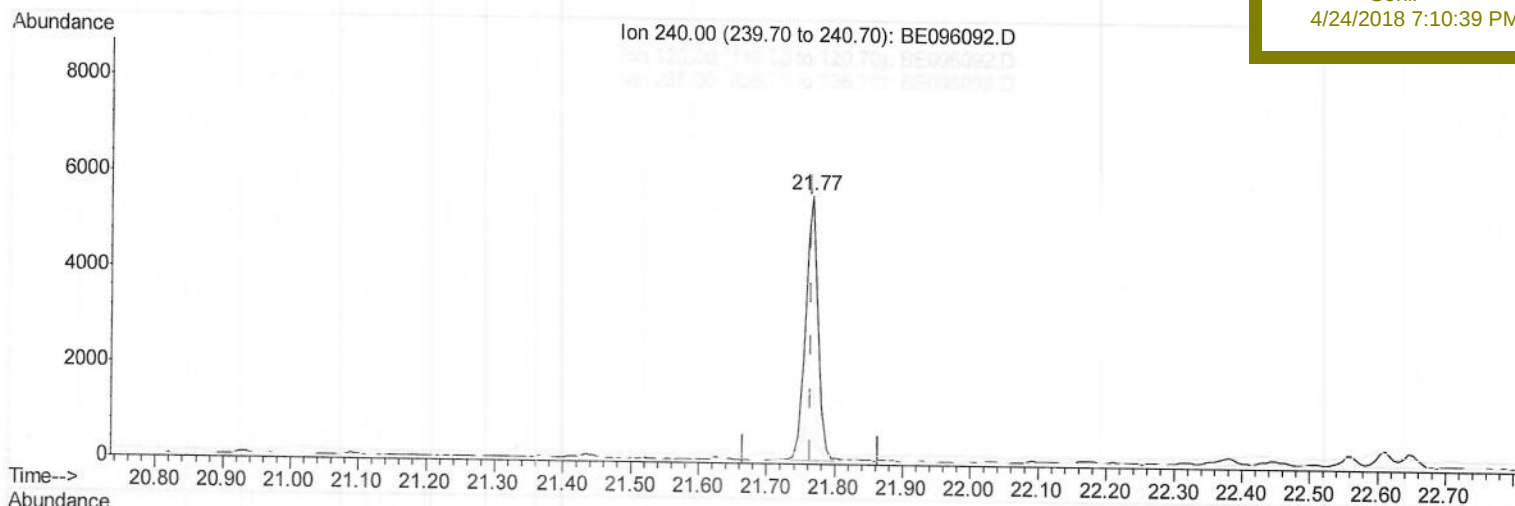
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096092.D
 Acq On : 23 Apr 2018 19:24
 Operator : SJ/JU
 Sample : J2355-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
 A3Y27

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:39 PM



(16) Chrysene-d12 (I)

21.767min (+0.002) 0.40ng/ul m

response 7288

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.12#
236.00	34.90	27.62#
0.00	0.00	0.00

SJ
 04/24/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :

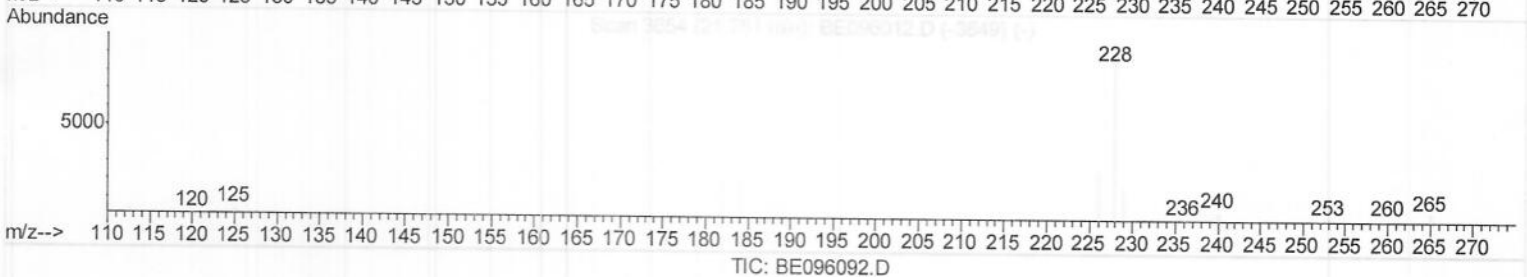
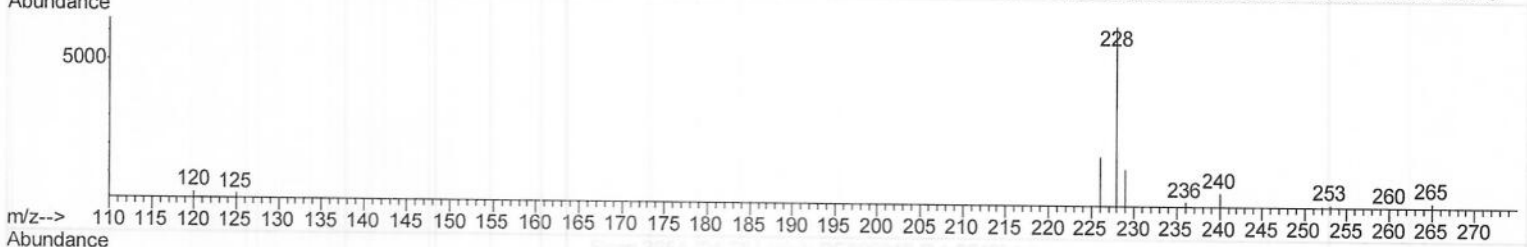
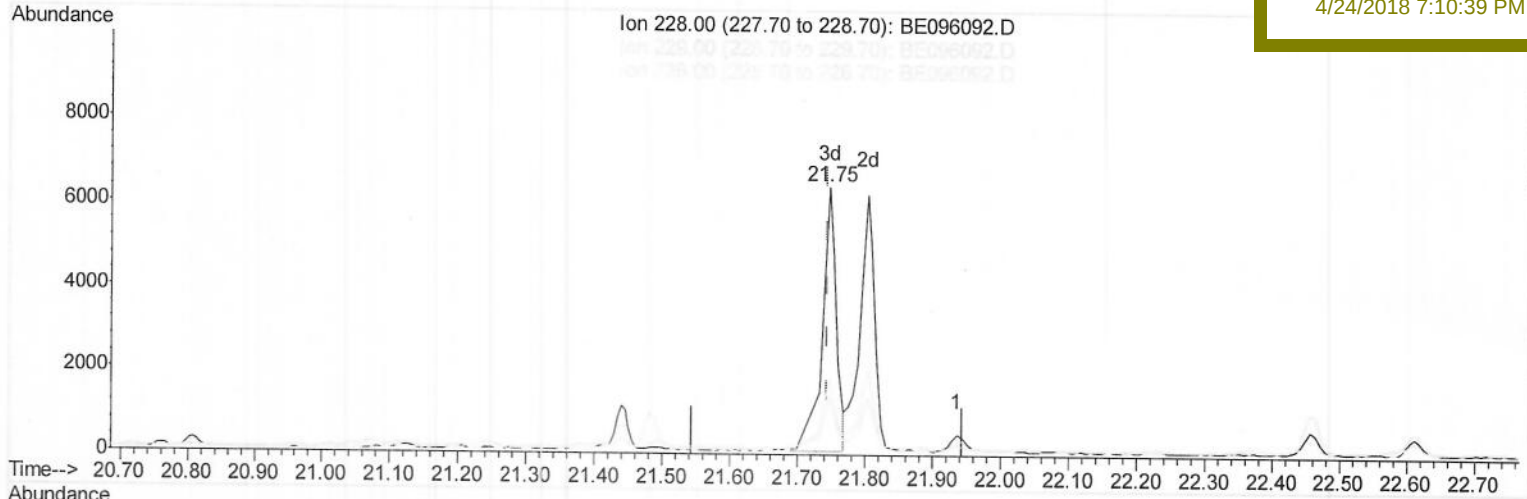
A3Y27

Manual Integrations

APPROVED

Sohil

4/24/2018 7:10:39 PM



(18) Benzo(a)anthracene

21.746min (+0.002) 0.40ng/ul m

response 11644

Ion Exp% Act%

228.00 100 100

229.00 28.50 21.19#

226.00 21.30 28.14#

0.00 0.00 0.00

SJ
04/24/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :

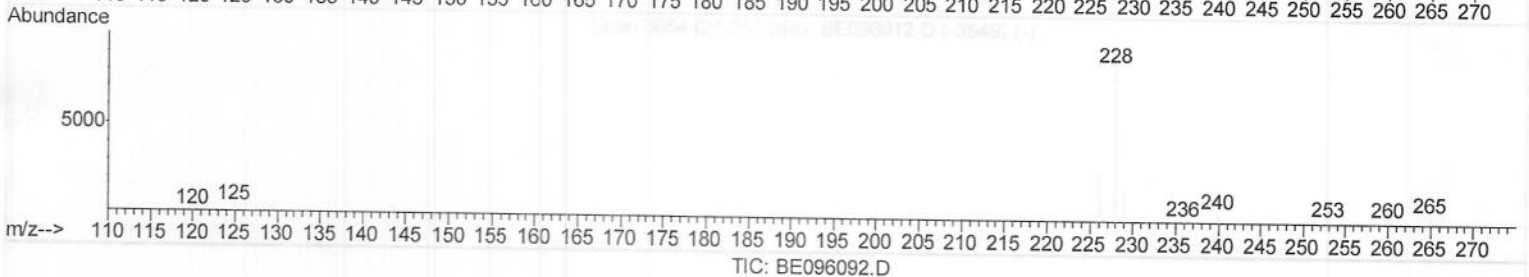
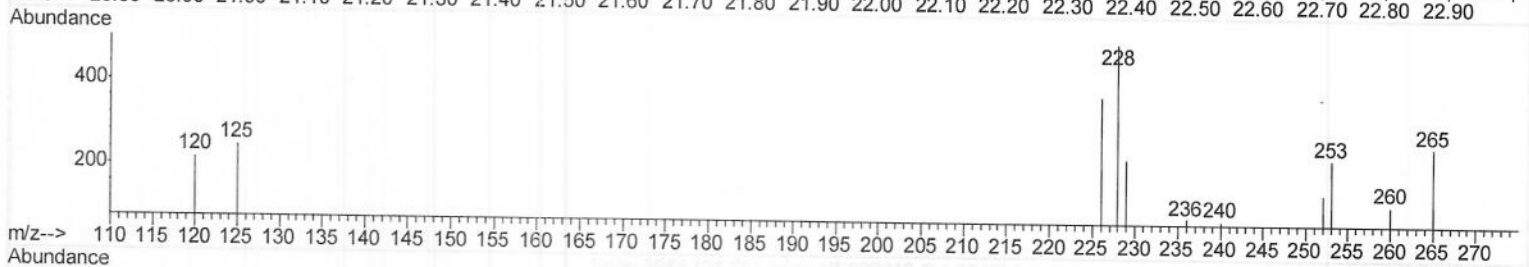
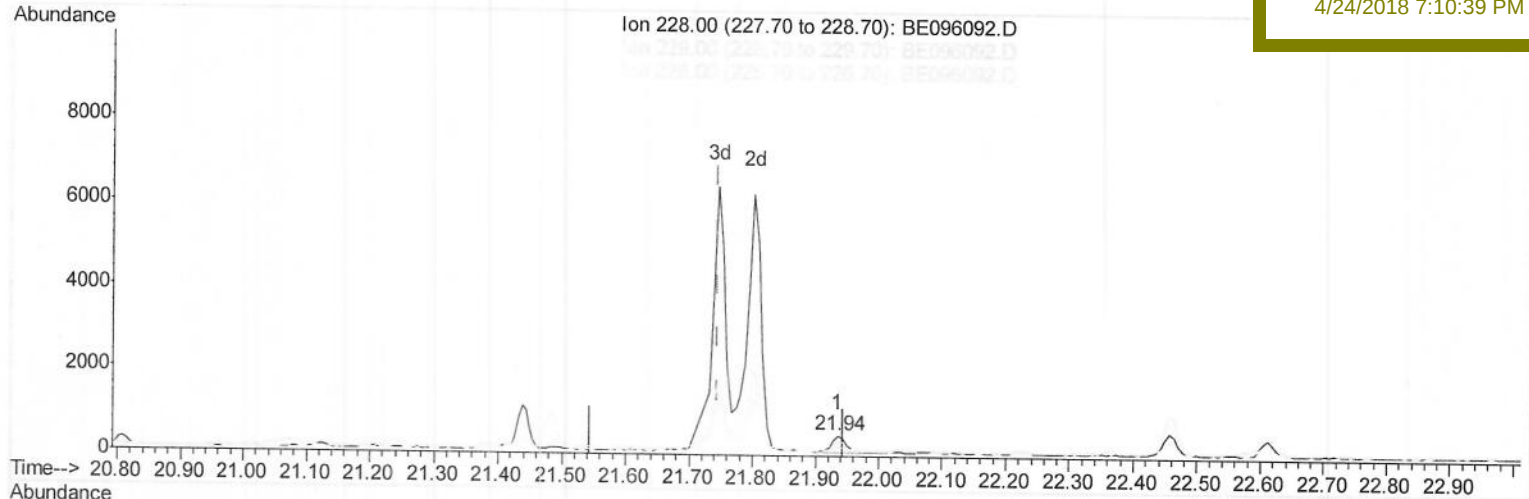
A3Y27

Manual Integrations

APPROVED

Sohil

4/24/2018 7:10:39 PM



(18) Benzo(a)anthracene

21.936min (+0.192) 8.77ng/ul

response 638

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	45.71#
226.00	21.30	74.85#
0.00	0.00	0.00

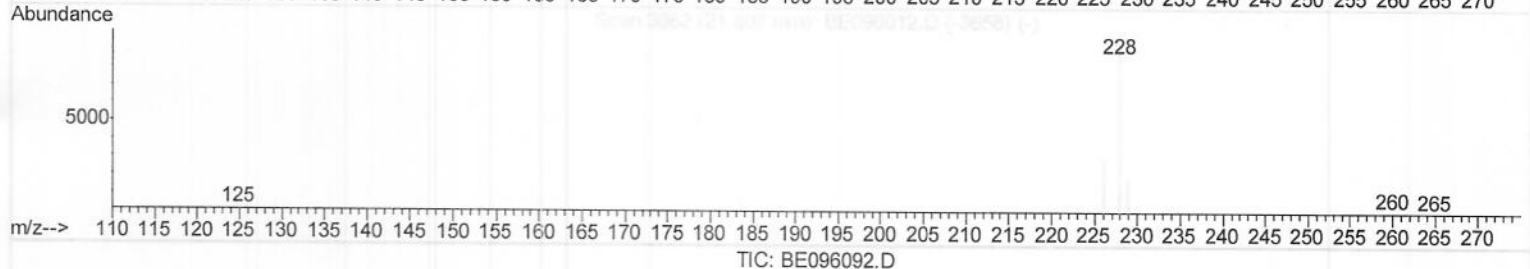
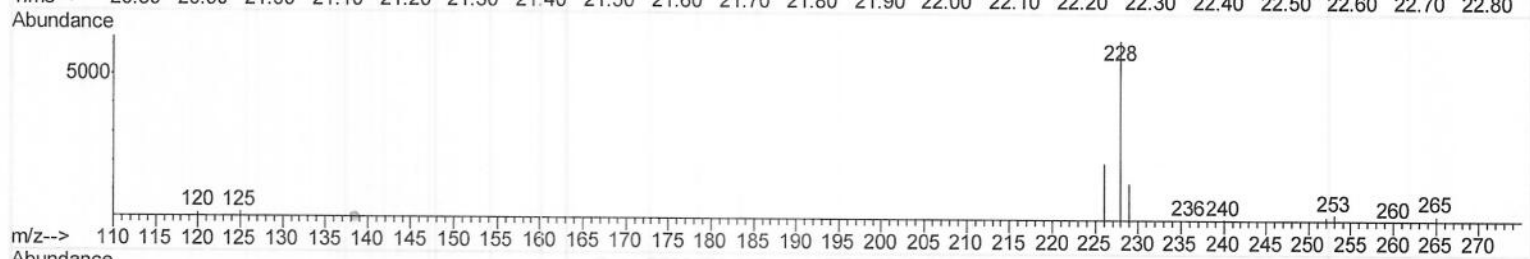
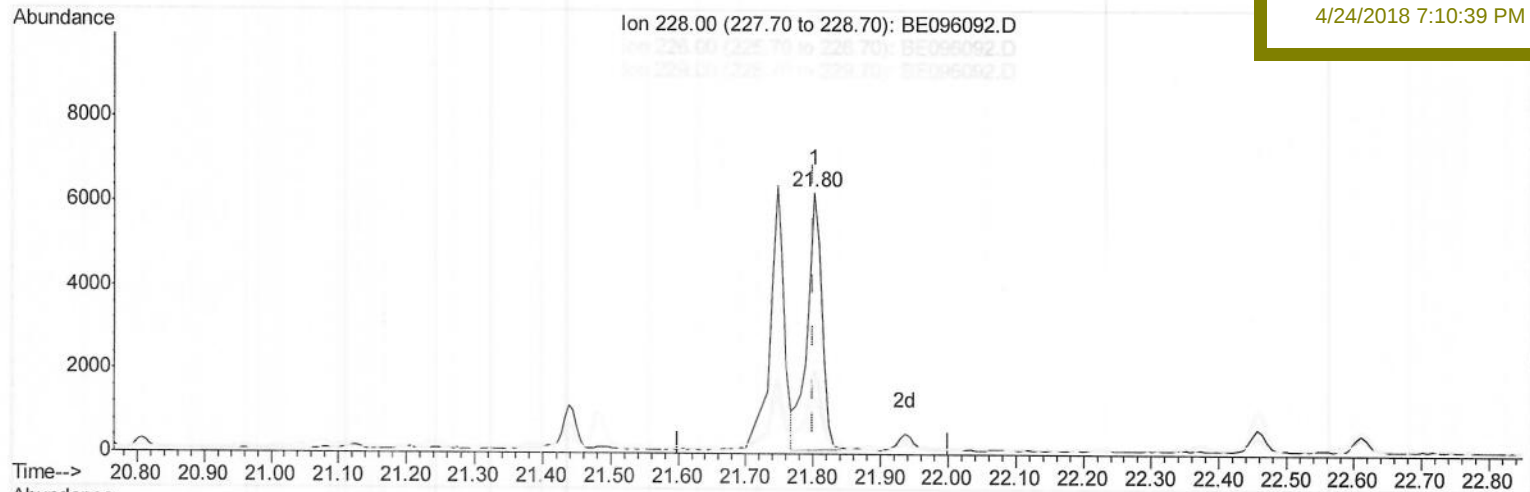
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(19) Chrysene

21.802min (+0.002) 0.45ng/ul m

response 9552

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.38
229.00	22.10	21.60
0.00	0.00	0.00

SJ
04/24/18

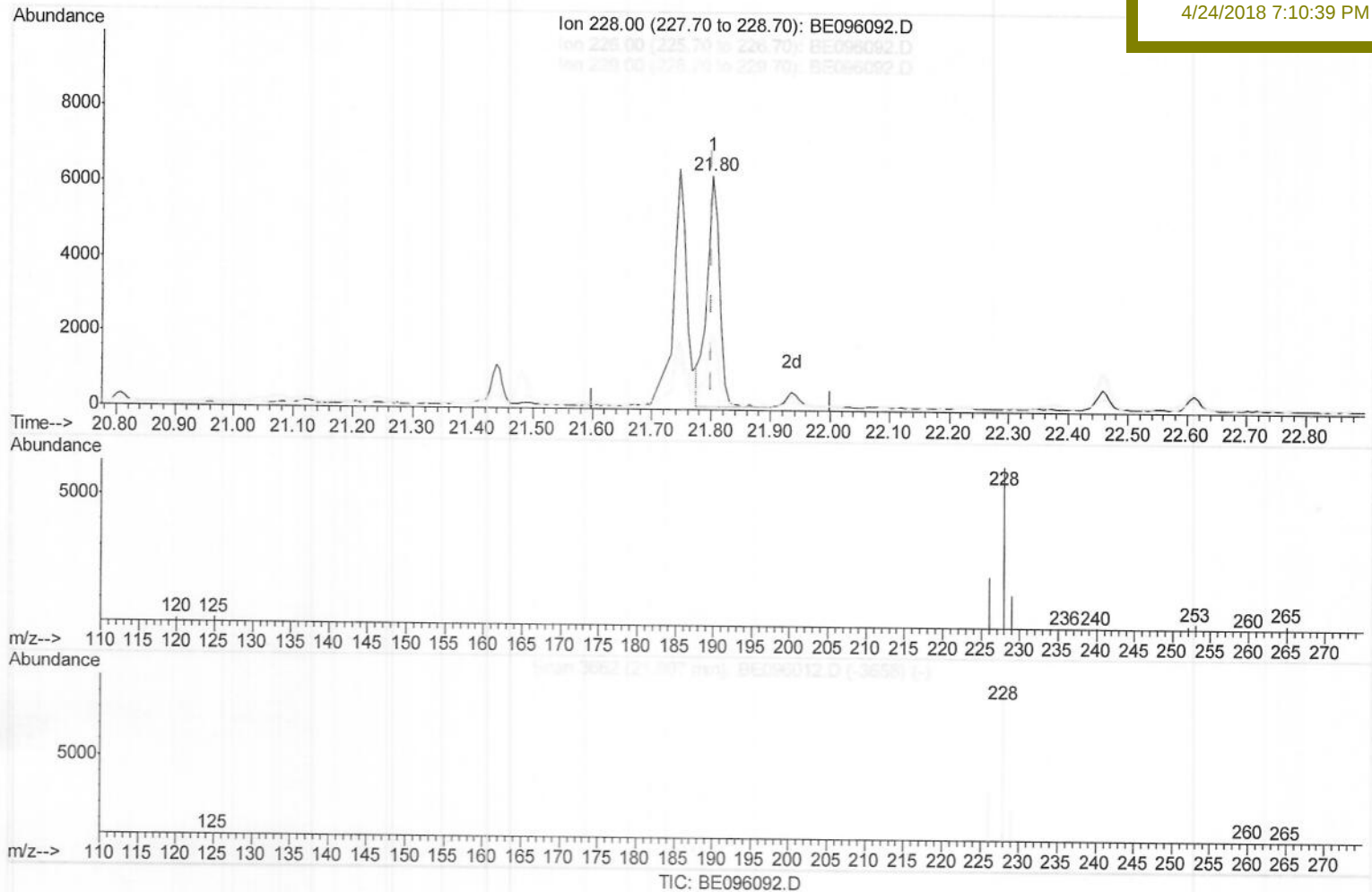
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(19) Chrysene

21.802min (+0.002) 176.49ng/ul

response 9237

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.38
229.00	22.10	21.60
0.00	0.00	0.00

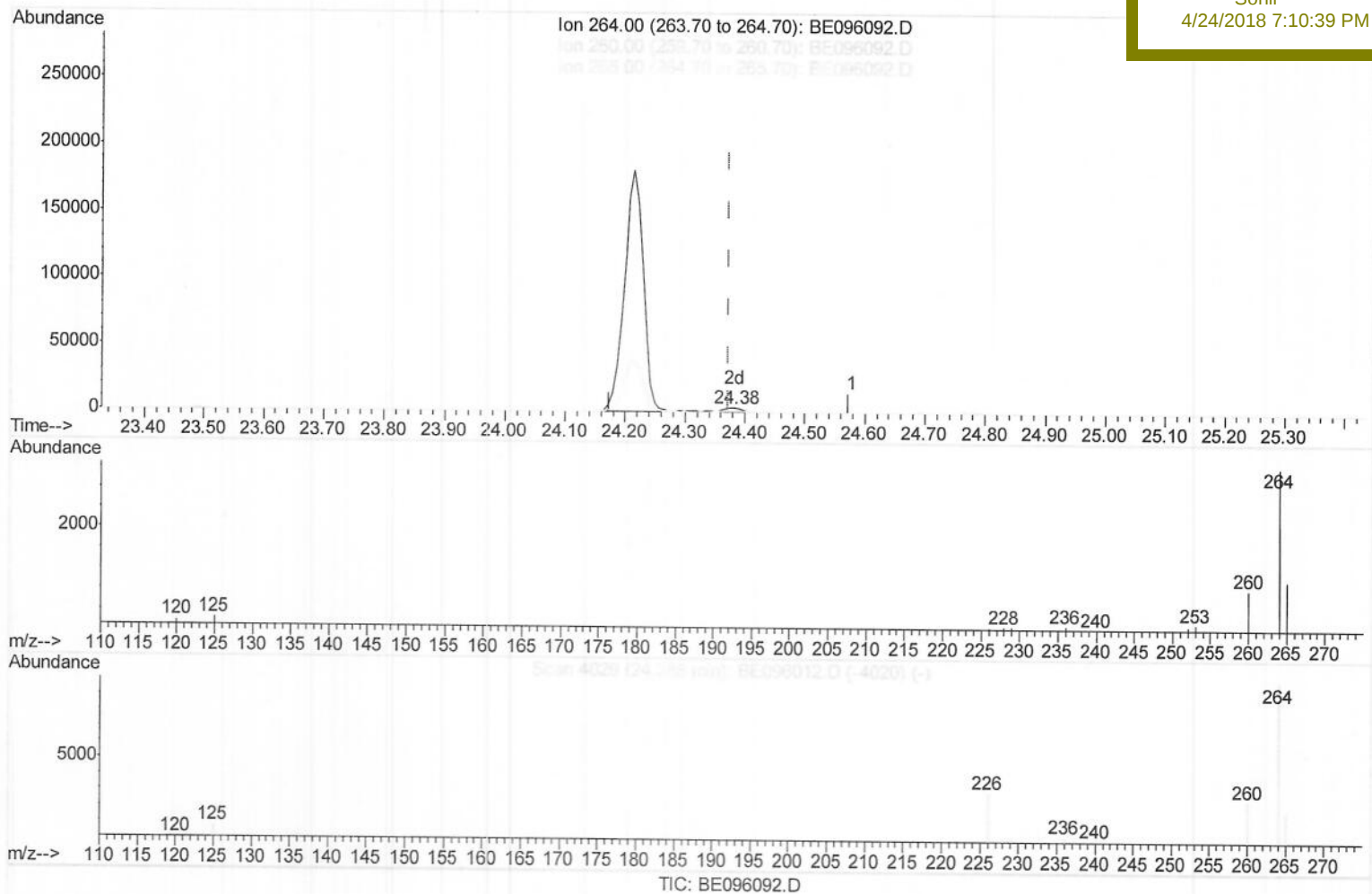
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(20) Perylene-d12 (I)

24.383min (+0.009) 0.40ng/ul m

response 6867

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.50
265.00	103.50	31.84#
0.00	0.00	0.00

57
04124118

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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

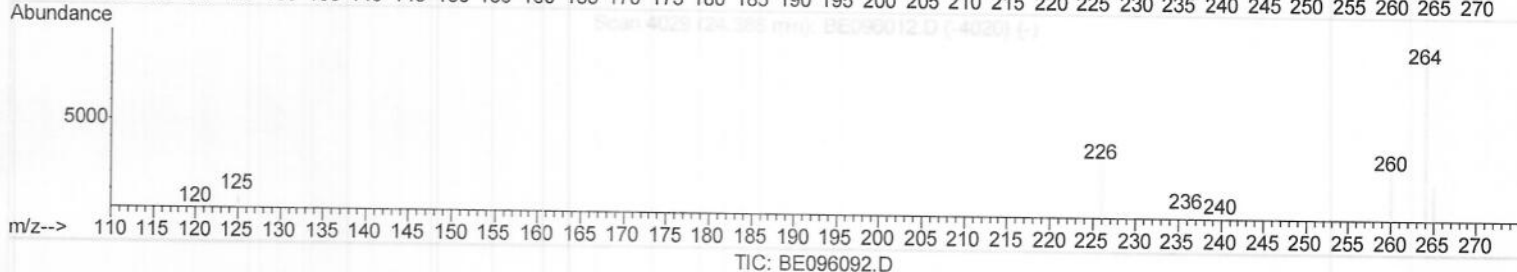
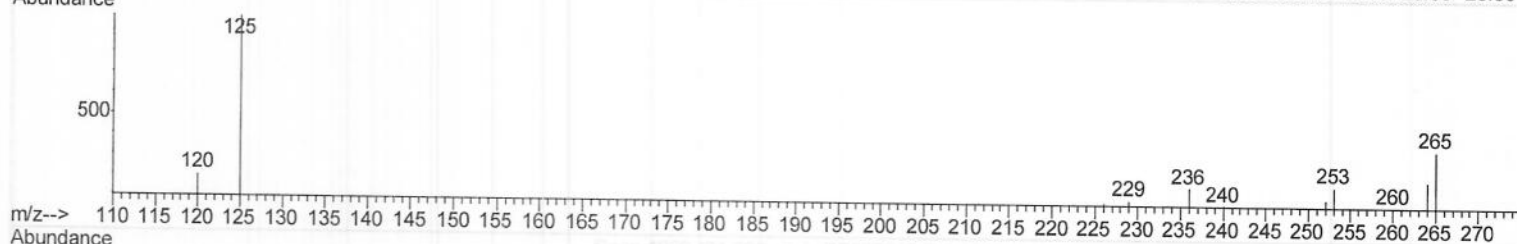
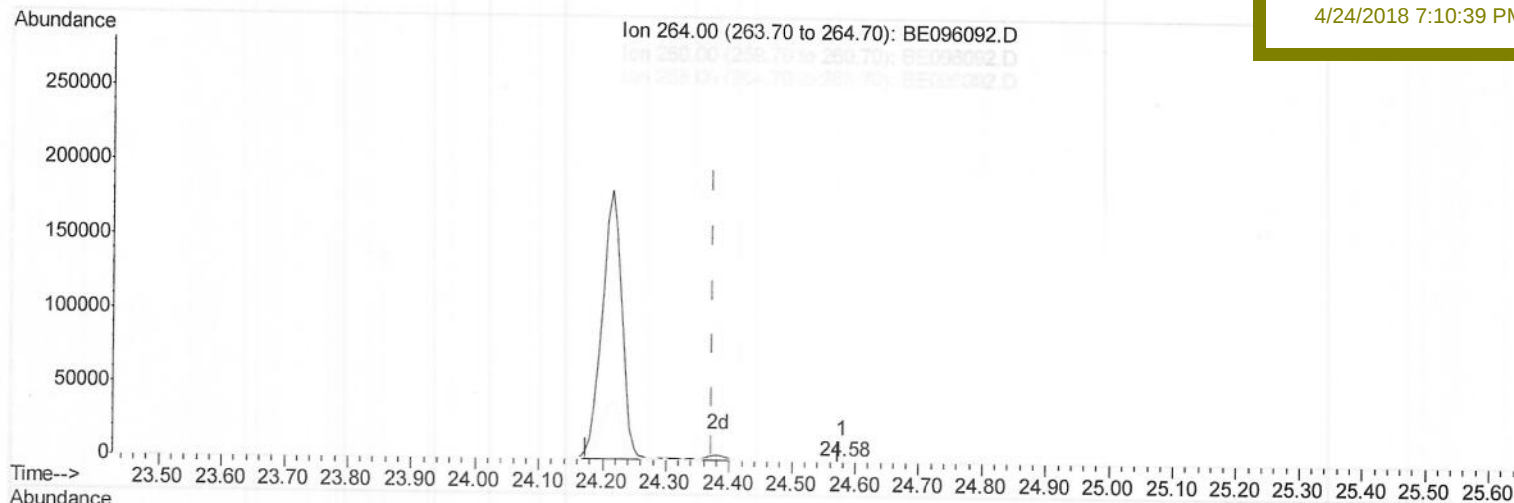
ClientSampleId :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(20) Perylene-d12 (I)

24.580min (+0.206) 0.40ng/ul

response 219

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	42.53#
265.00	103.50	168.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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

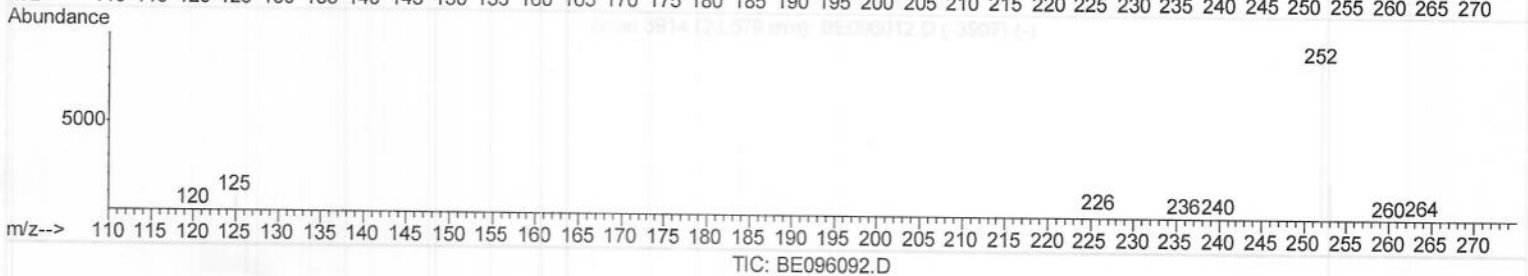
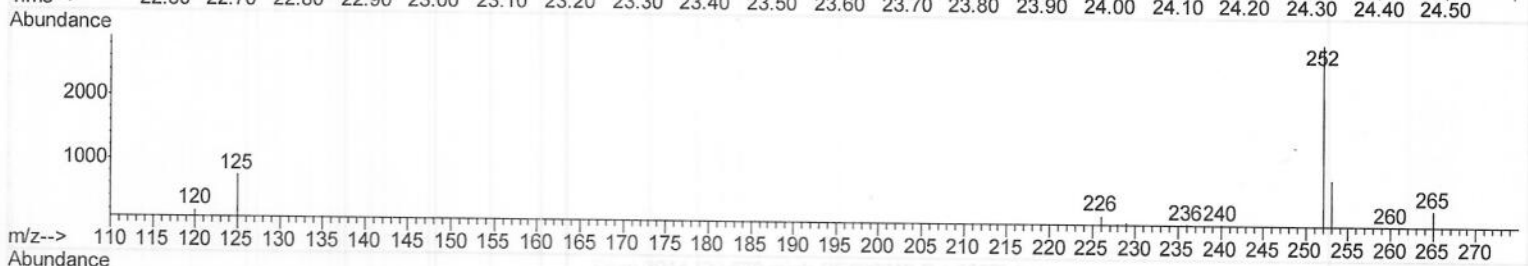
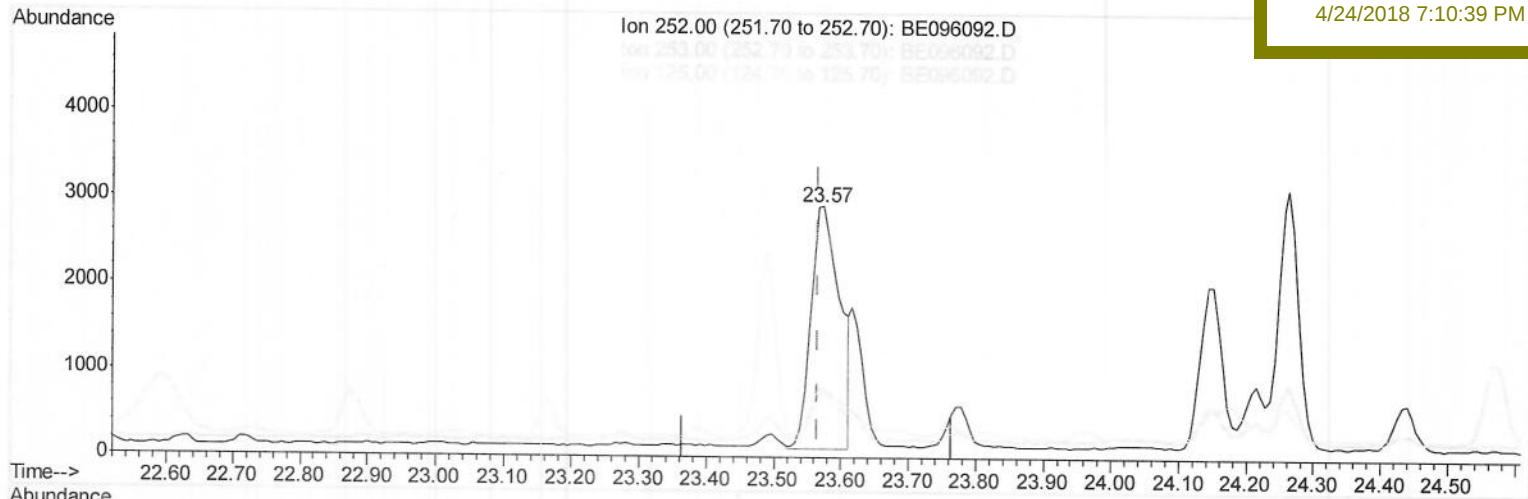
Response via : Initial Calibration

Instrument :

BNA_E

Client Sampled :

A3Y27

Manual Integrations
APPROVEDSohil
4/24/2018 7:10:39 PM

(21) Benzo(b)fluoranthene

23.574min (+0.009) 0.38ng/ul m

response 8356

Ion Exp% Act%

252.00 100 100

253.00 32.10 27.57

125.00 17.50 25.21

0.00 0.00 0.00

SJ
04124118

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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

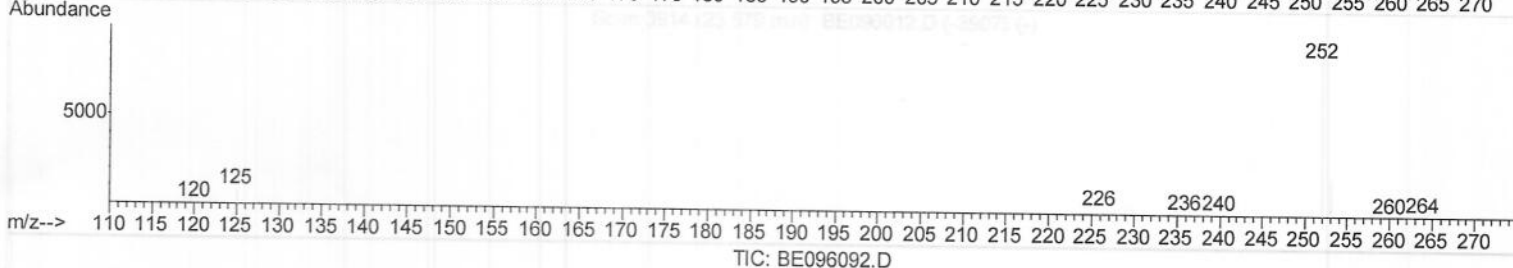
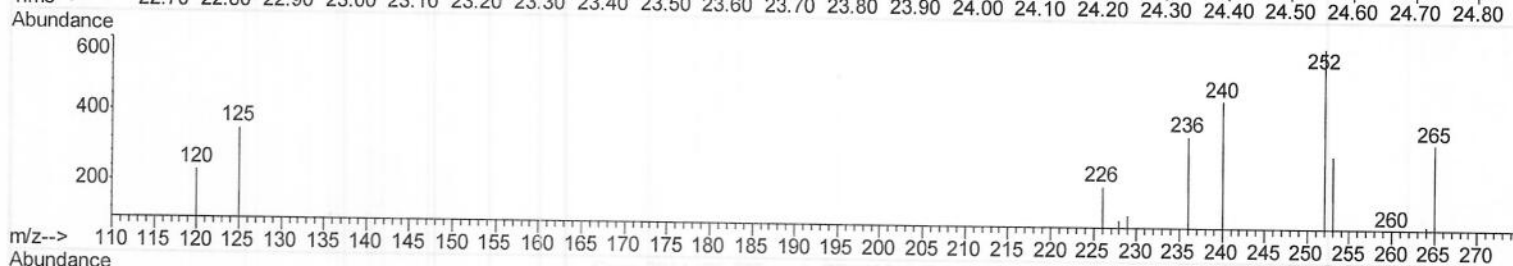
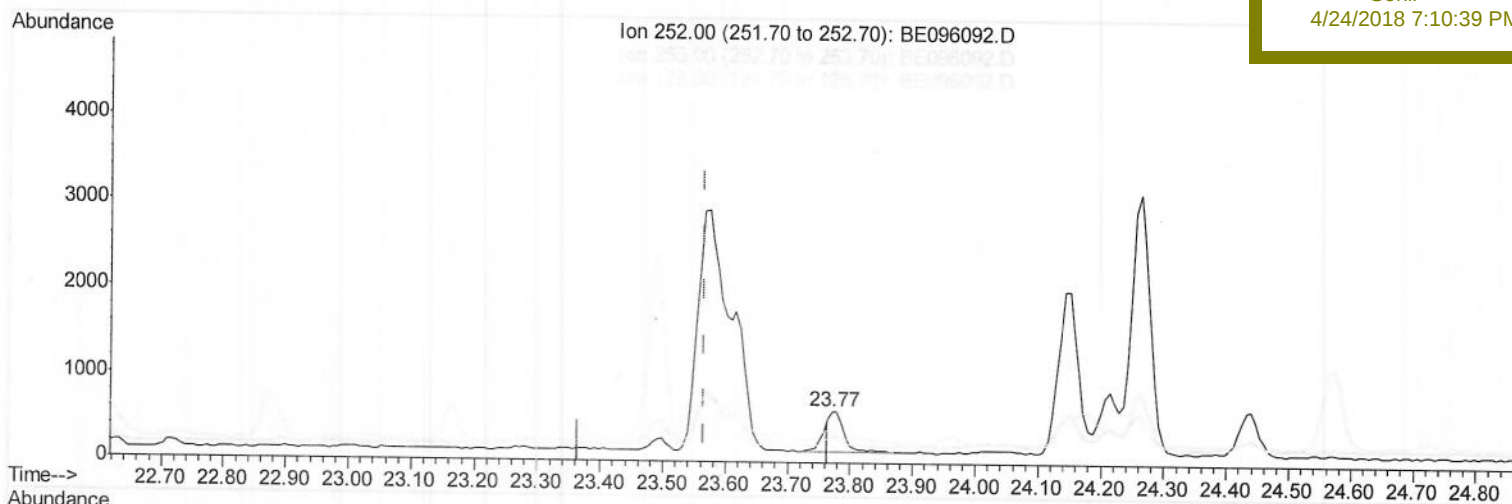
ClientSampleId :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(21) Benzo(b)fluoranthene

23.771min (+0.206) 1.56ng/ul

response 1104

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	49.58
125.00	17.50	57.90#
0.00	0.00	0.00

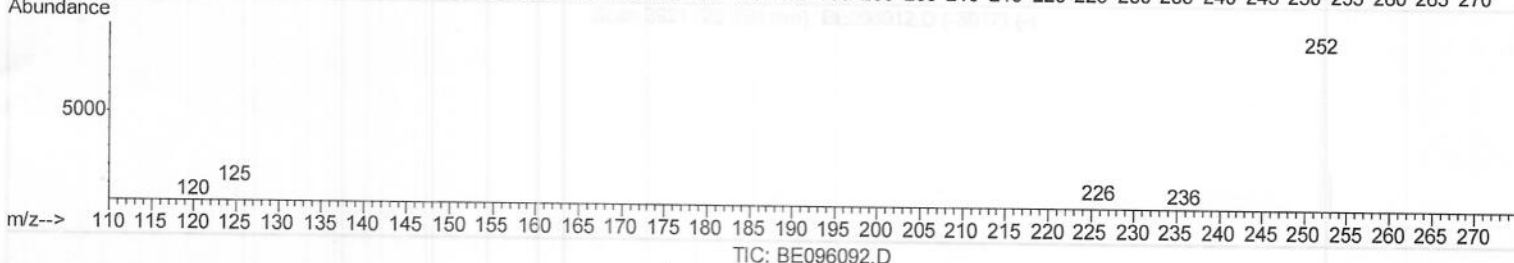
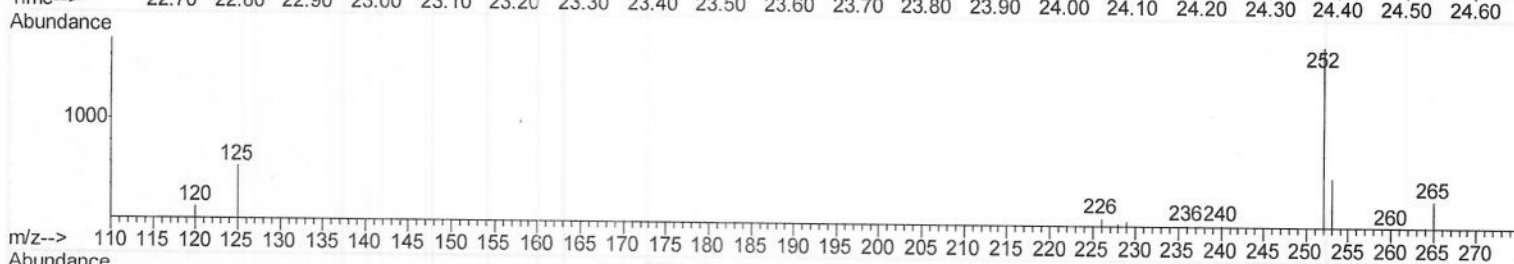
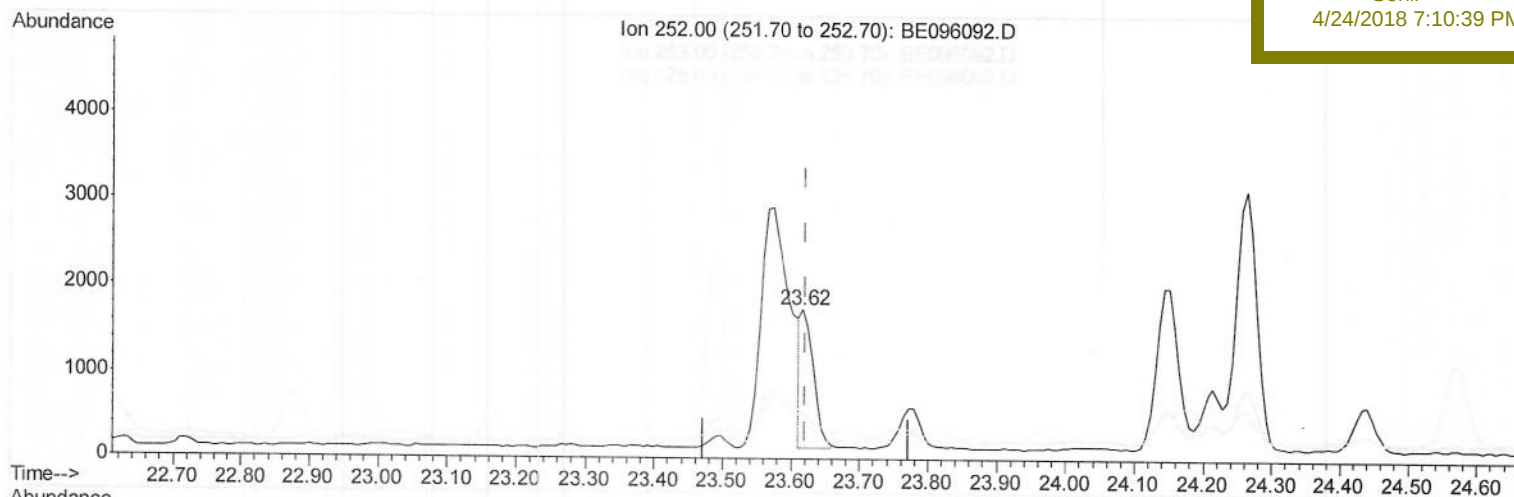
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(22) Benzo(k)fluoranthene

23.616min (-0.005) 0.09ng/ul m

response 2102

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.65
125.00	17.10	32.30#
0.00	0.00	0.00

SJ
04/24/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :

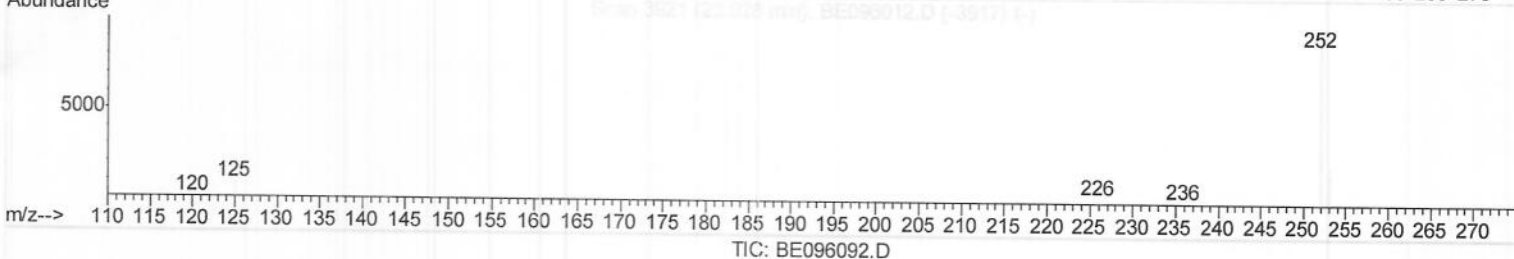
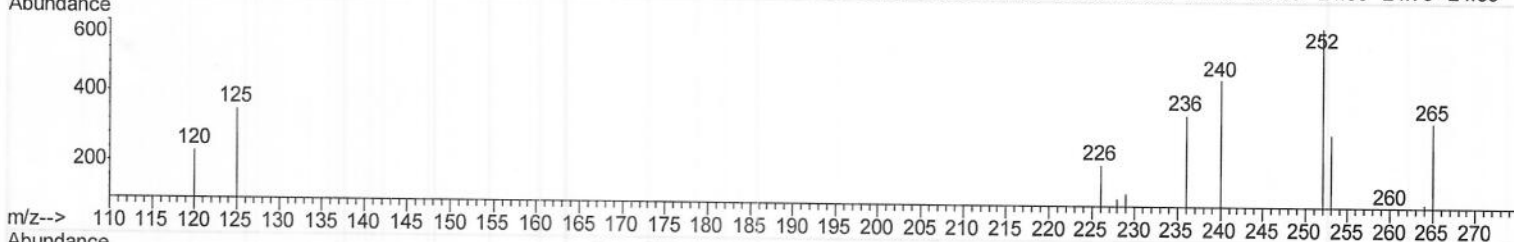
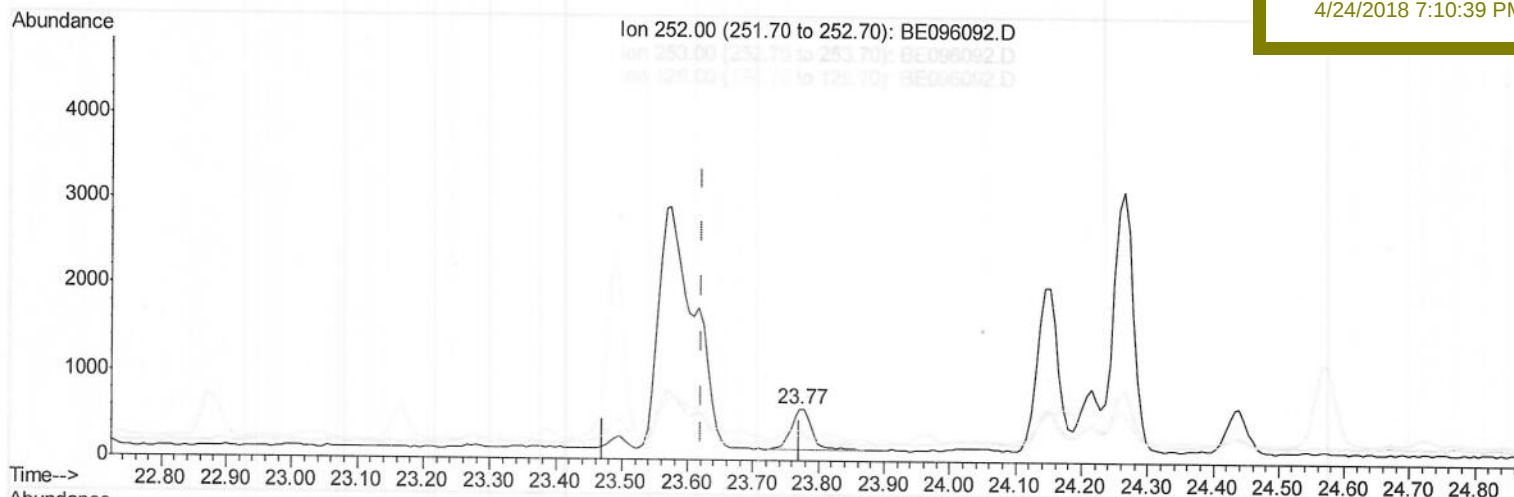
A3Y27

Manual Integrations

APPROVED

Sohil

4/24/2018 7:10:39 PM



(22) Benzo(k)fluoranthene

23.771min (+0.150) 1.56ng/ul

response 1104

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	49.58#
125.00	17.10	57.90#
0.00	0.00	0.00

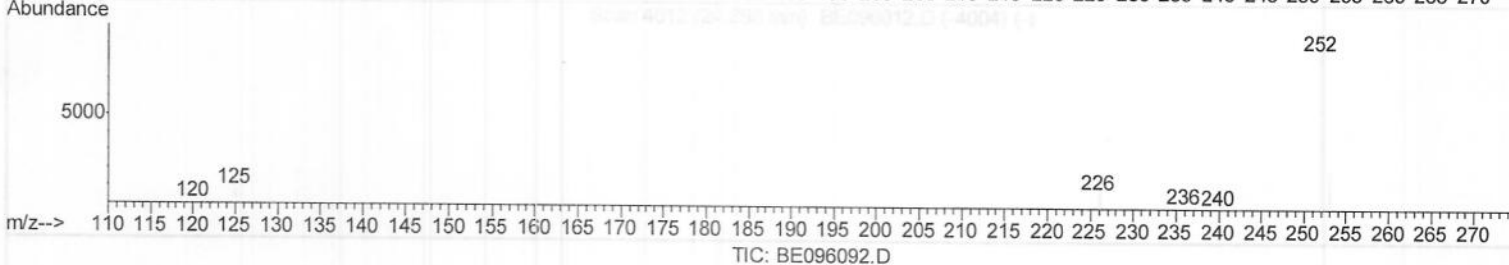
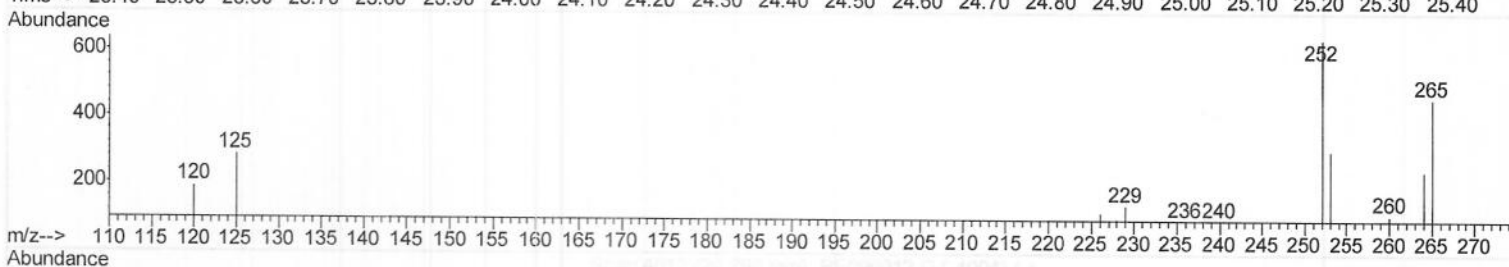
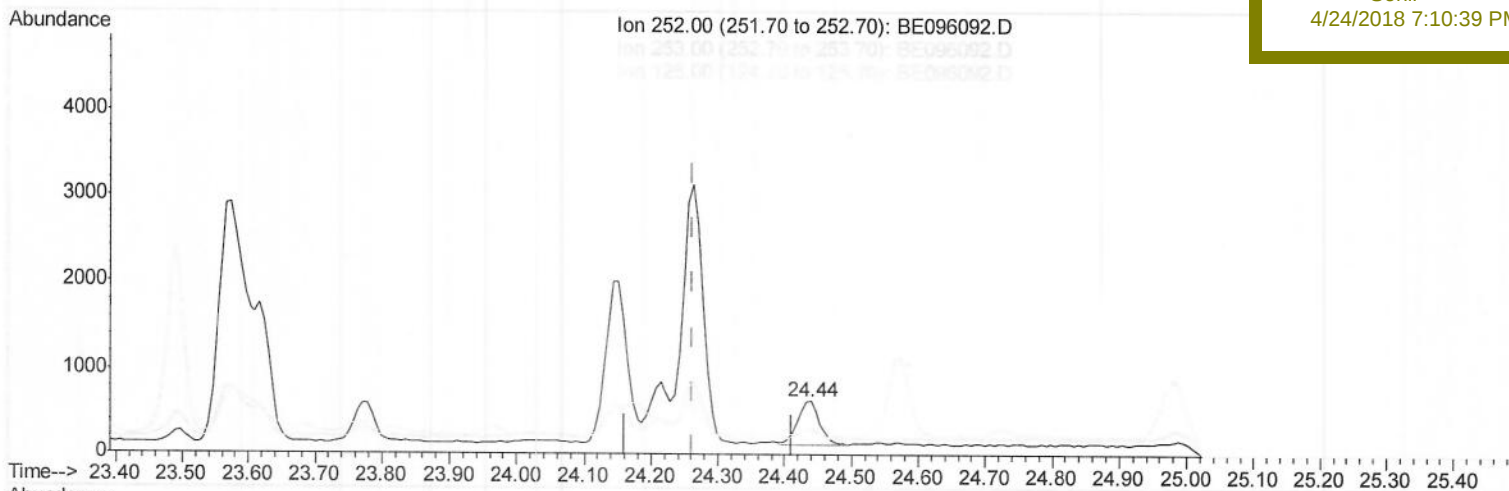
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mav 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(23) Benzo(a)pyrene (C)
24.439min (+0.178) 1.73ng/ul
response 1184

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	47.57#
125.00	22.60	44.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :

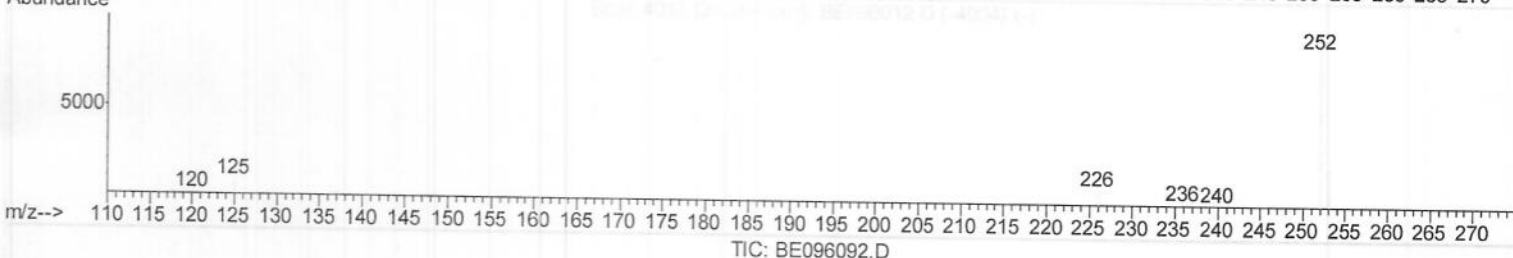
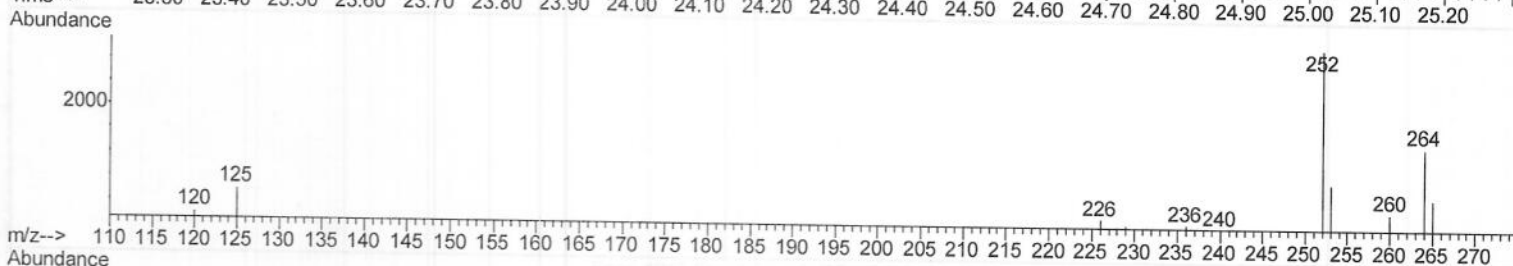
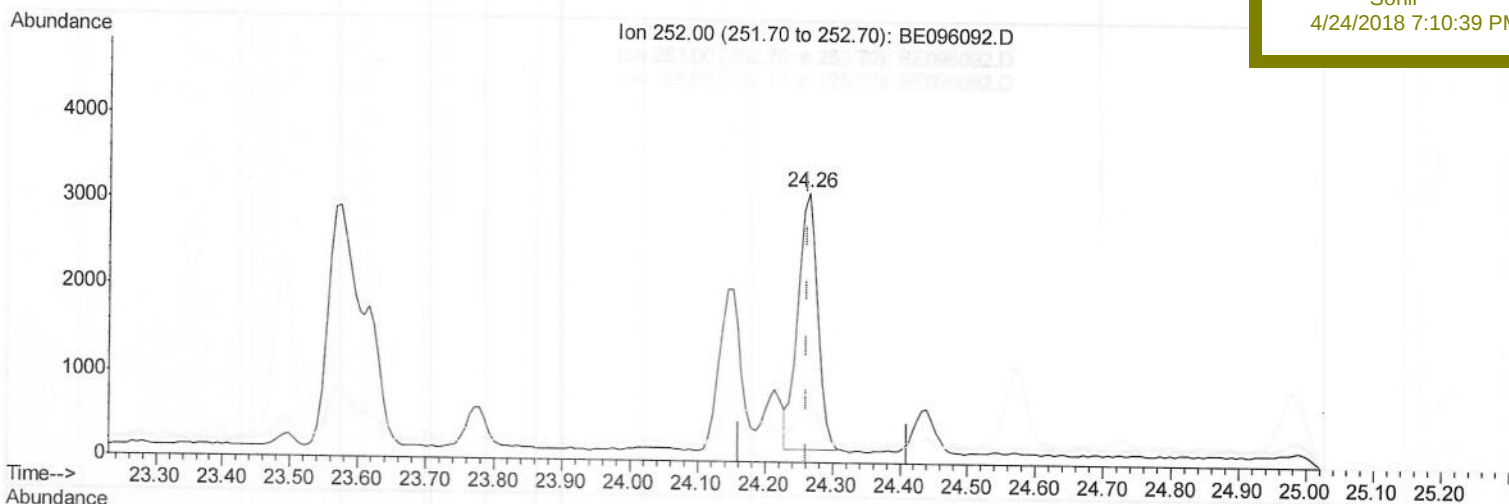
A3Y27

Manual Integrations

APPROVED

Sohil

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(23) Benzo(a)pyrene (C)

24.263min (+0.002) 0.29ng/ul m

response 6117

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.12#
125.00	22.60	18.88
0.00	0.00	0.00

SJ
04/24/18

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :

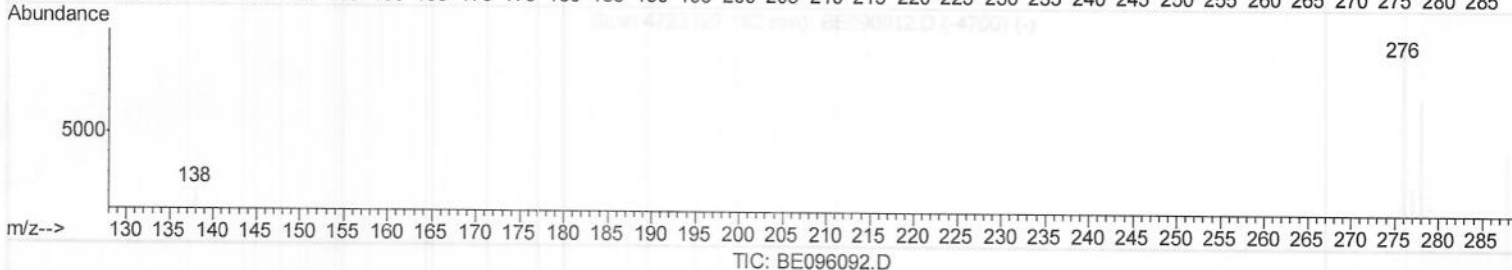
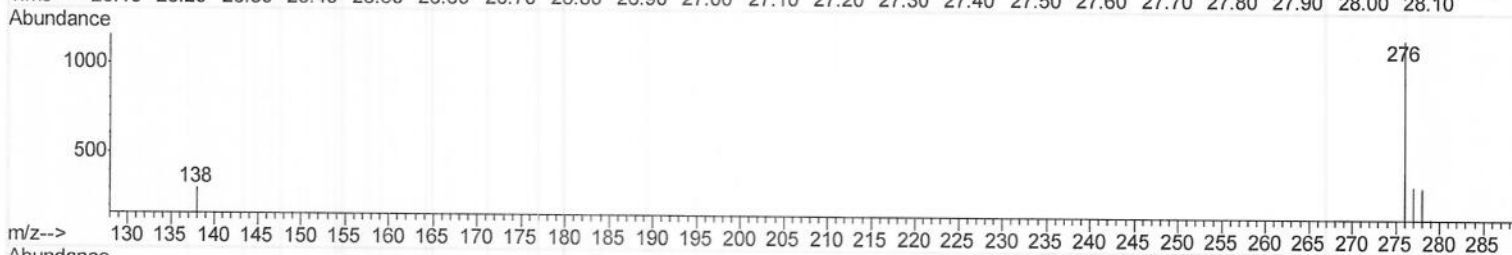
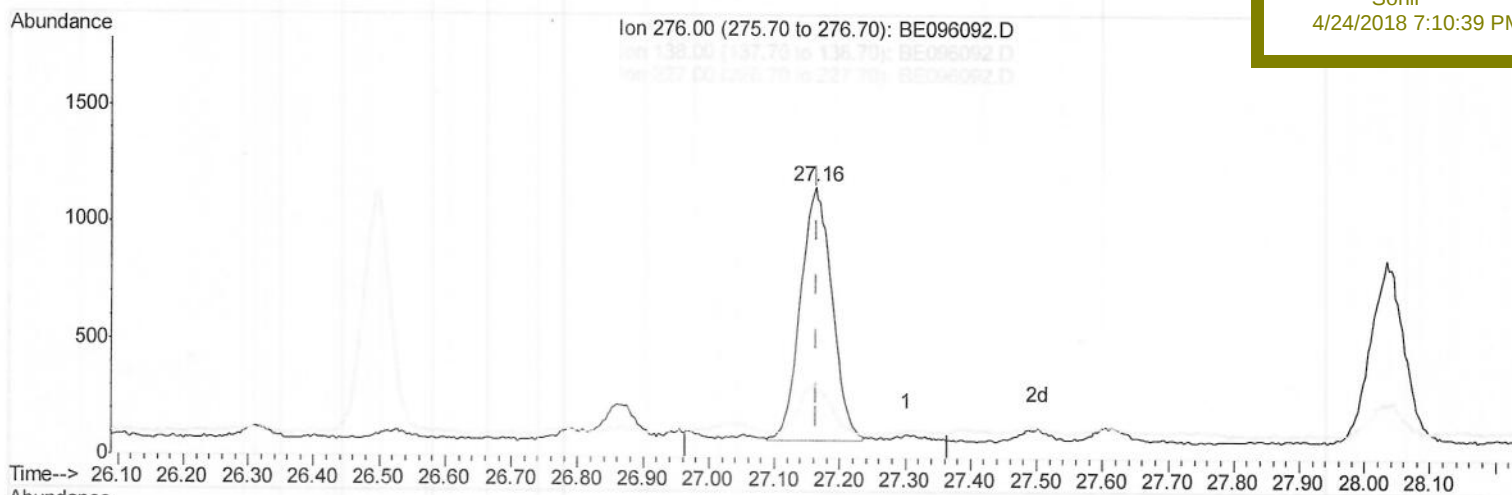
A3Y27

Manual Integrations

APPROVED

Sohil

4/24/2018 7:10:39 PM



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

27.163min (-0.002) 0.15ng/ul m

response 3605

Ion Exp% Act%

276.00 100 100

138.00 35.00 1.17#

227.00 10.00 0.00#

0.00 0.00 0.00

SJ
04/24/18

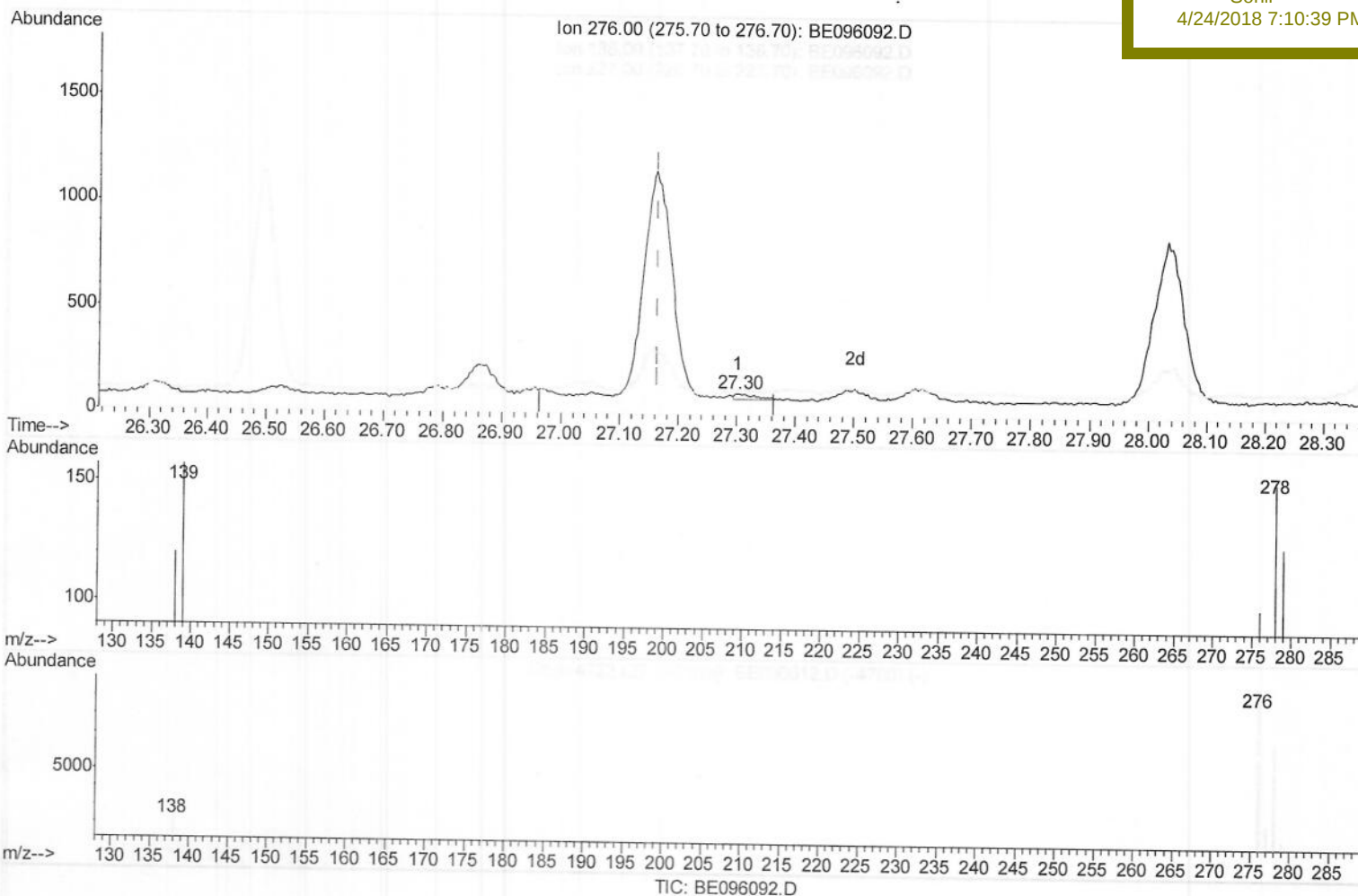
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mav 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



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

27.302min (+0.137) 0.09ng/ul

response 70

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	60.00#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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

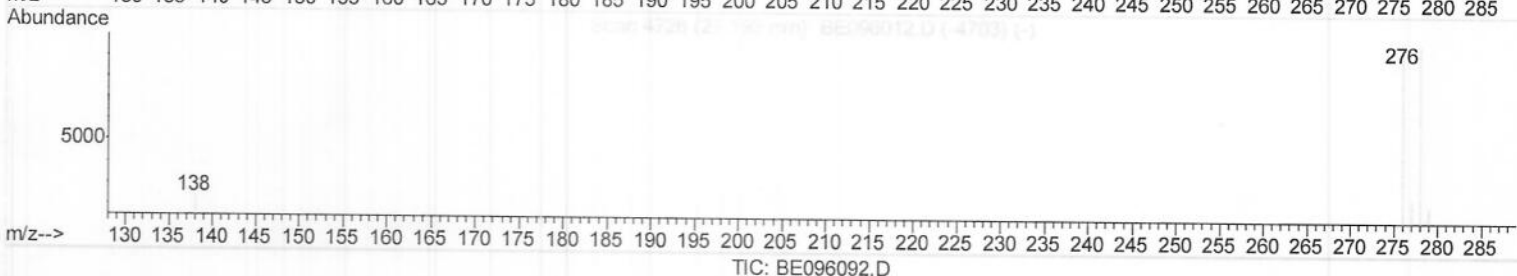
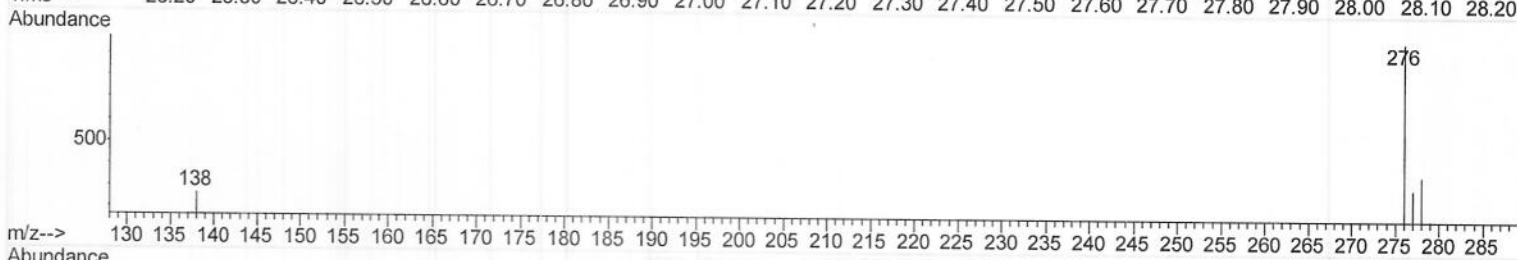
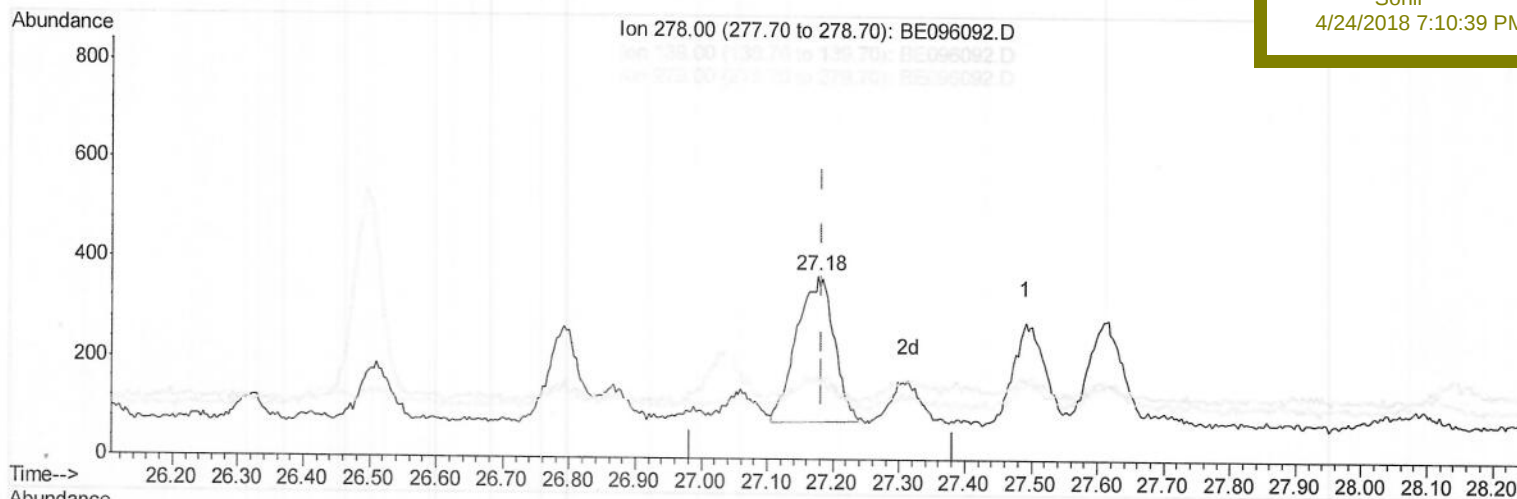
ClientSampled :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(25) Dibenzo(a,h)anthracene

27.177min (-0.006) 0.06ng/ul m

response 1153

Ion	Exp%	Act%
-----	------	------

278.00	100	100
--------	-----	-----

139.00	21.70	44.17#
--------	-------	--------

279.00	32.40	45.53#
--------	-------	--------

0.00	0.00	0.00
------	------	------

SJ
04/24/18

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mav 01 17:31:10 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

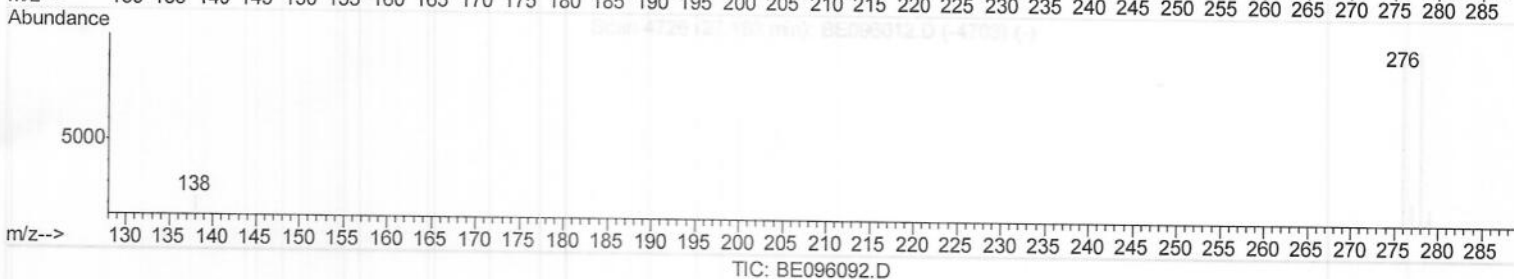
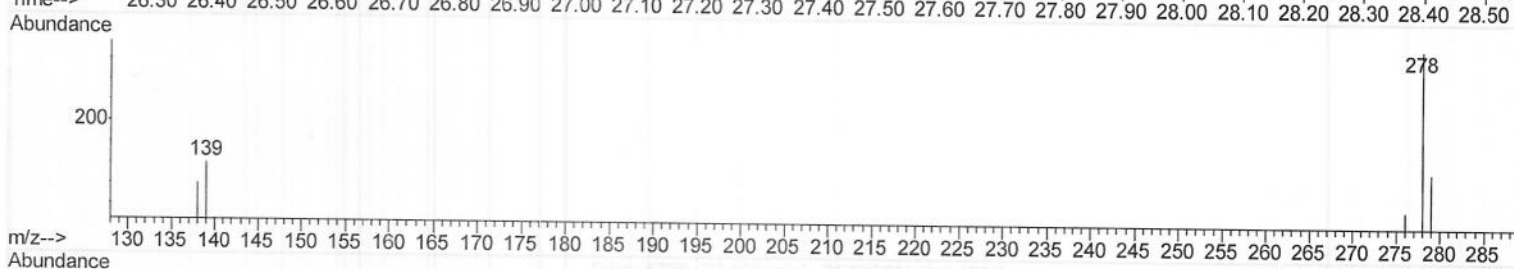
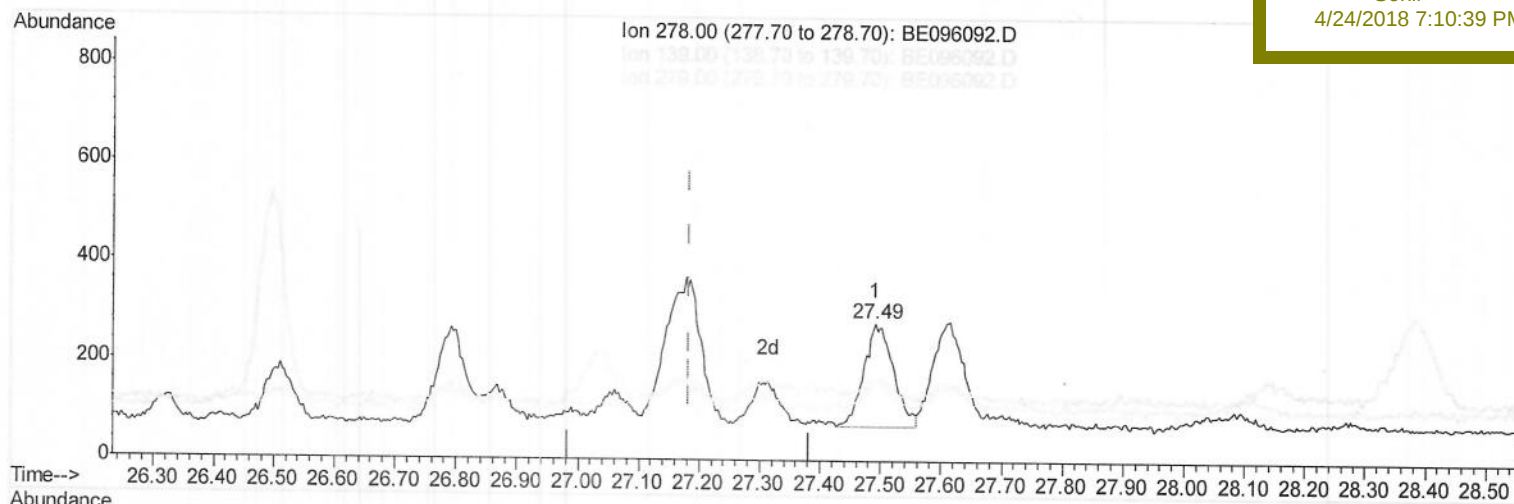
ClientSampled :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM



(25) Dibenzo(a,h)anthracene

27.491min (+0.308) 1.18ng/ul

response 721

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	57.76#
279.00	32.40	56.68#
0.00	0.00	0.00

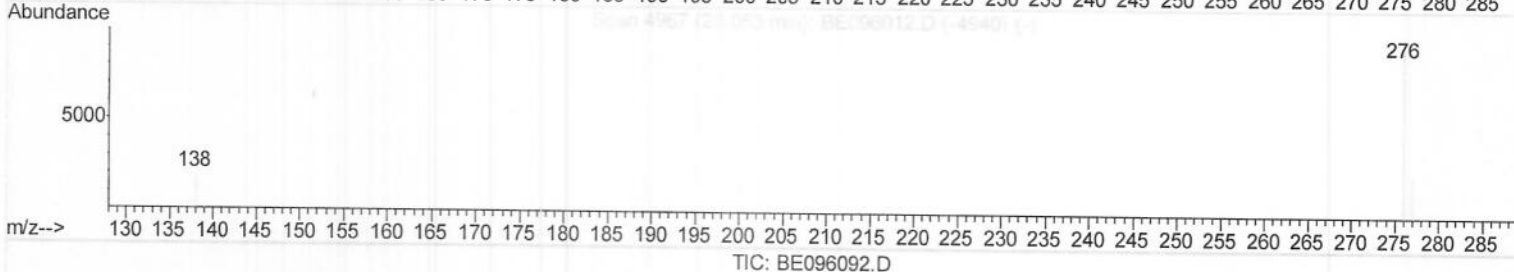
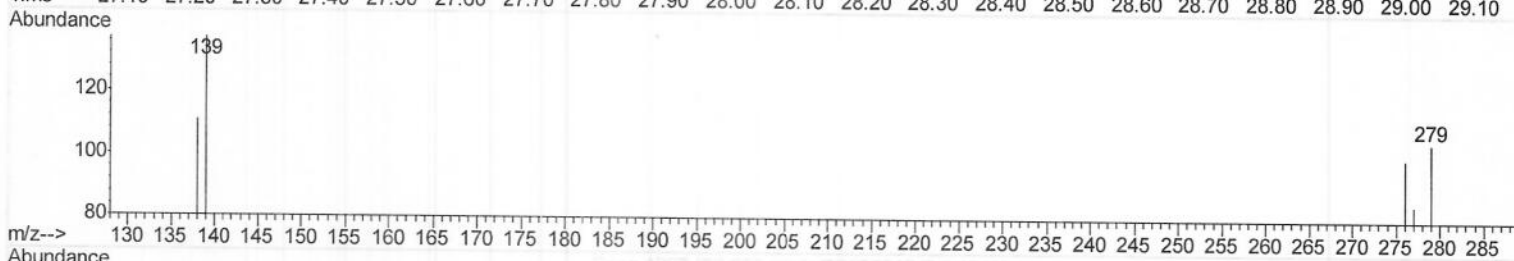
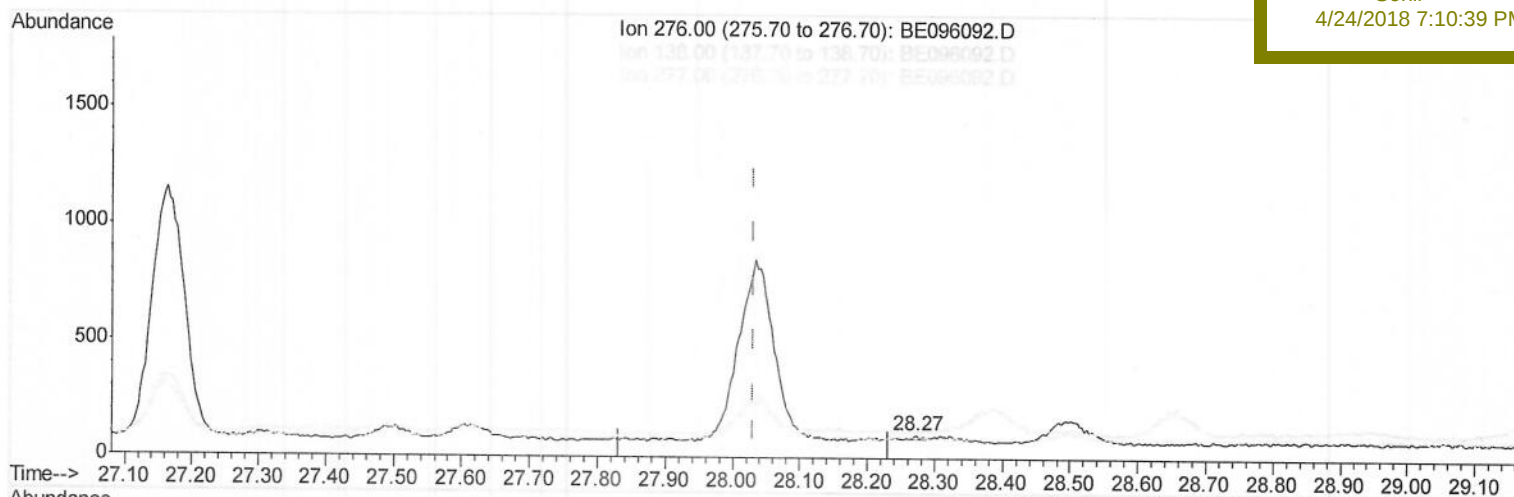
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 17:31:10 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 :
A3Y27

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:39 PM



(26) Benzo(g,h,i)perylene
28.272min (+0.240) 0.02ng/ul
response 15

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	111.00#
277.00	25.60	85.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :

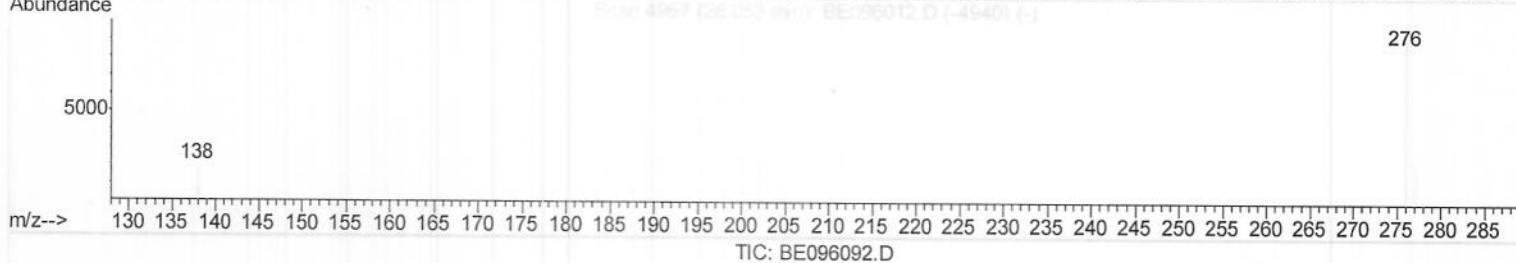
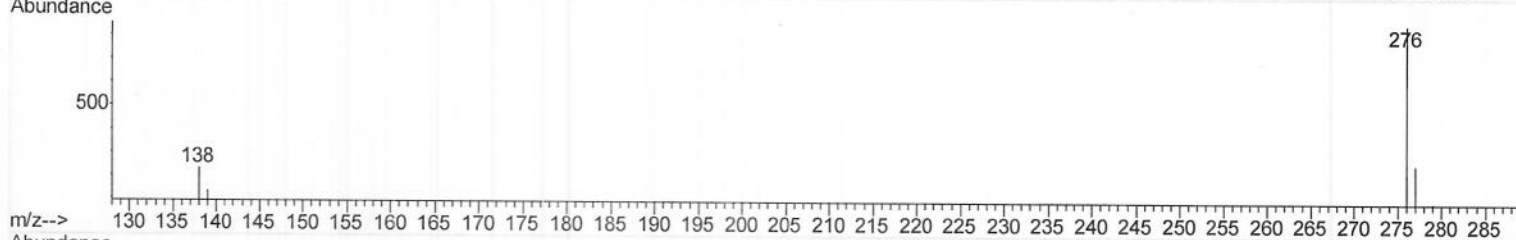
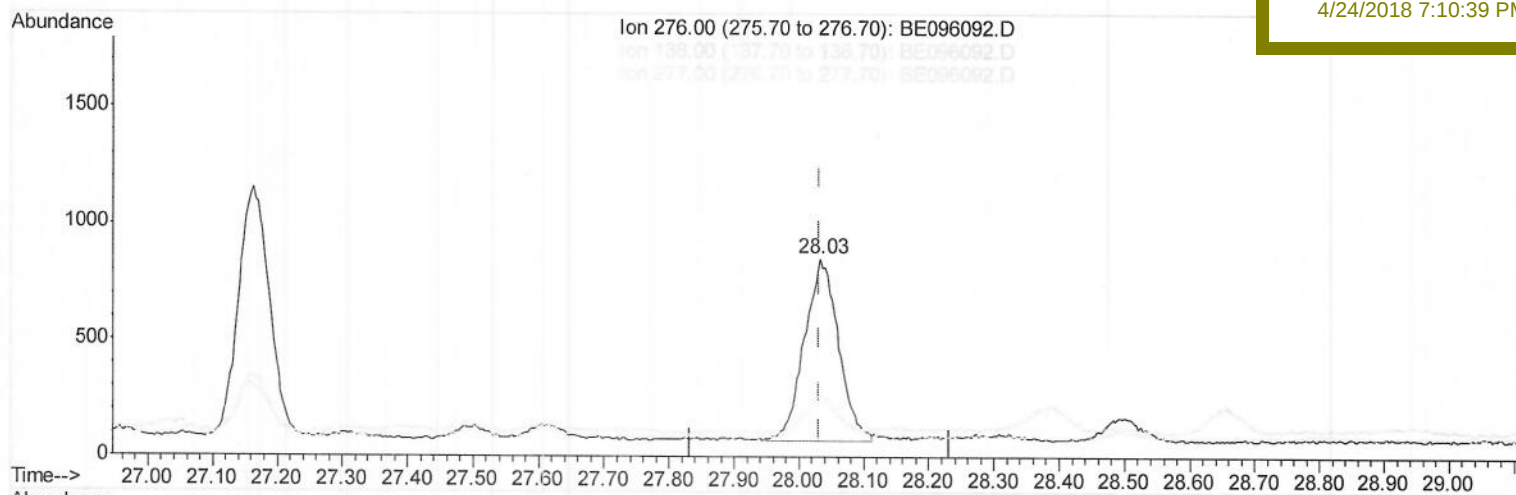
A3Y27

Manual Integrations

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Sohil

4/24/2018 7:10:39 PM



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

28.033min (+0.001) 0.14ng/ul m

response 2861

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.88
277.00	25.60	30.40
0.00	0.00	0.00

SJ
04/24/18

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\

Data File : BE096092.D

Acq On : 23 Apr 2018 19:24

Operator : SJ/JU

Sample : J2355-12

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 24 10:47:44 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 :

A3Y27

Manual Integrations
APPROVED

Sohil

4/24/2018 7:10:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2111	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6080	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3534	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7764m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7288m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6867m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2458	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6537m	0.20	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.70	152	748	0.041	ng/ul#	82
8) Acenaphthene	15.03	153	359	0.027	ng/ul#	85
9) Fluorene	15.99	166	903	0.061	ng/ul	90
12) Phenanthrene	17.71	178	19117m	0.835	ng/ul	
13) Anthracene	17.80	178	1698m	0.075	ng/ul	
15) Fluoranthene	19.68	202	18050m	0.580	ng/ul	
17) Pyrene	20.04	202	30109	1.216	ng/ul#	80
18) Benzo(a)anthracene	21.75	228	11644m	0.395	ng/ul	
19) Chrysene	21.80	228	9552m	0.451	ng/ul	
21) Benzo(b)fluoranthene	23.57	252	8356m	0.376	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	2102m	0.095	ng/ul	
23) Benzo(a)pyrene	24.26	252	6117m	0.285	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.16	276	3605m	0.151	ng/ul	
25) Dibenzo(a,h)anthracene	27.18	278	1153m	0.060	ng/ul	
26) Benzo(a,h,i)perylene	28.03	276	2861m	0.144	ng/ul	

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