

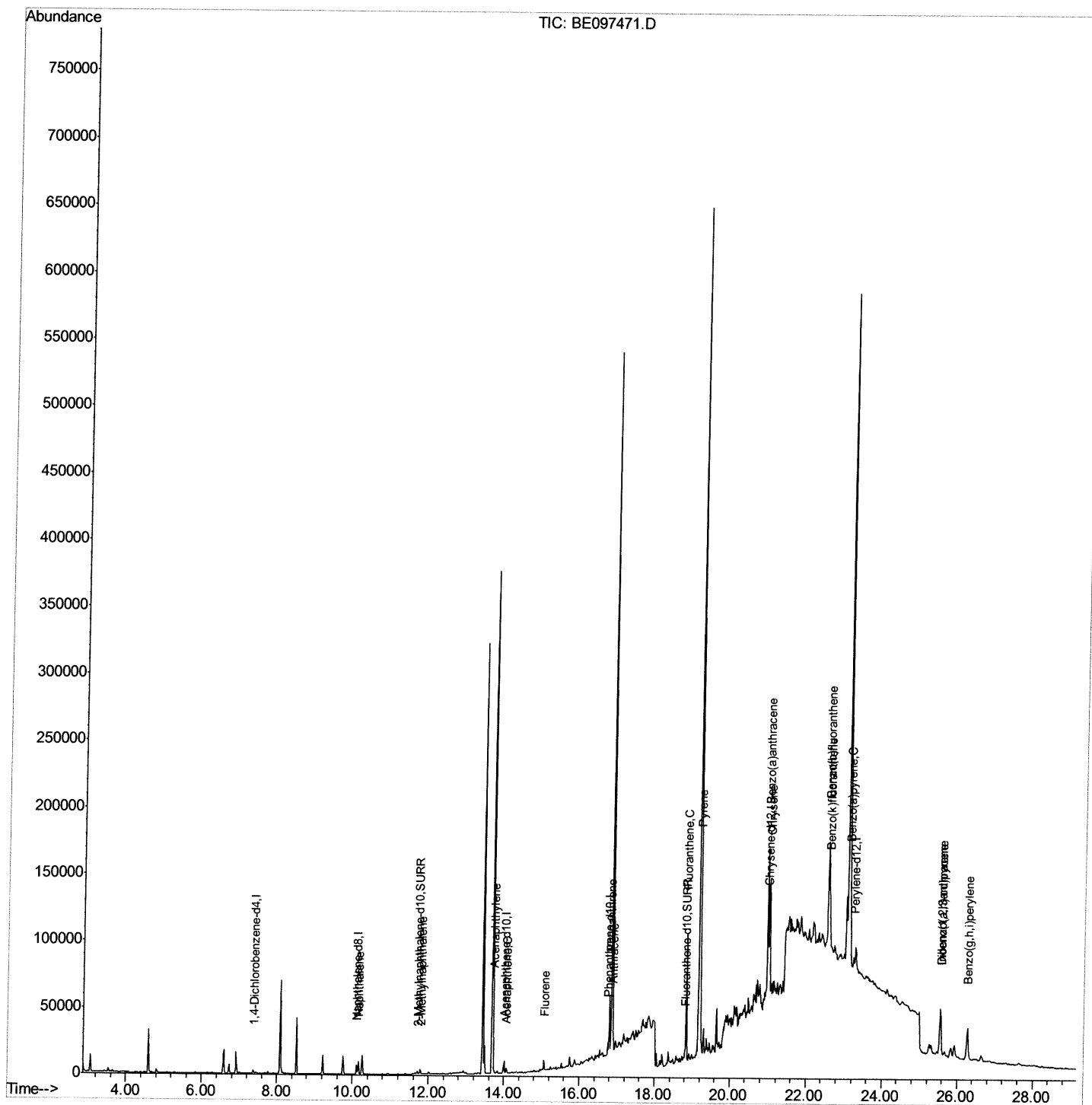
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:02:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

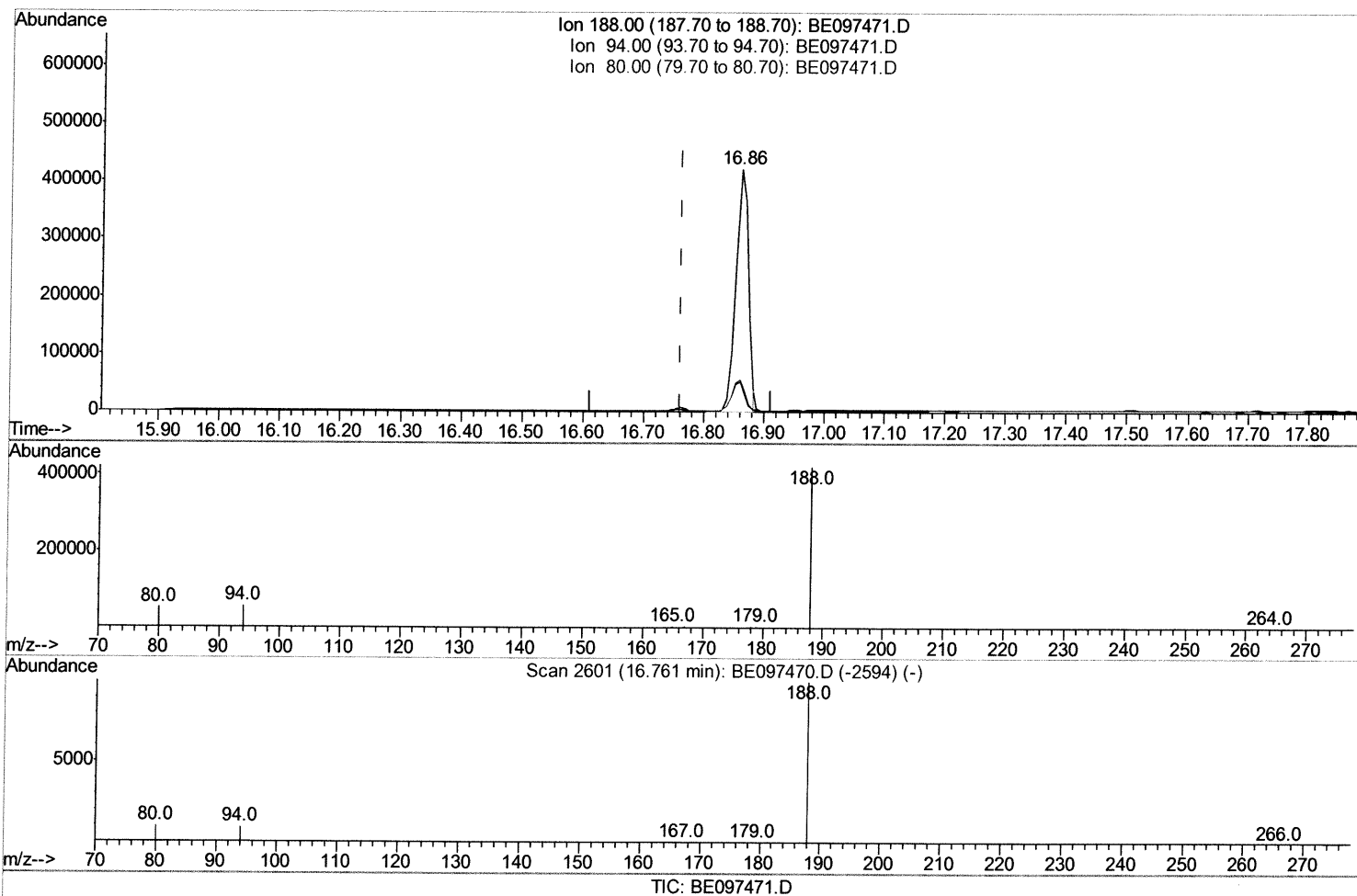
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:48:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.860min (+0.099) 0.40ng/ul

response 580297

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.28#
80.00	11.80	12.10
0.00	0.00	0.00

Quantitation Report (Qedit)

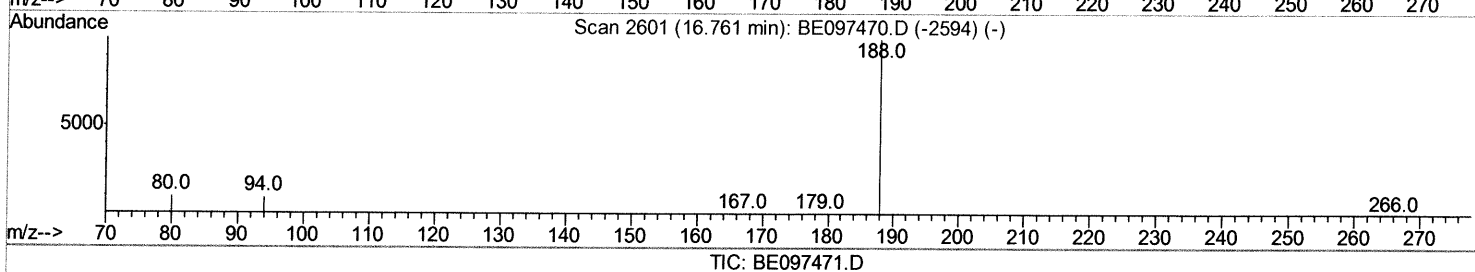
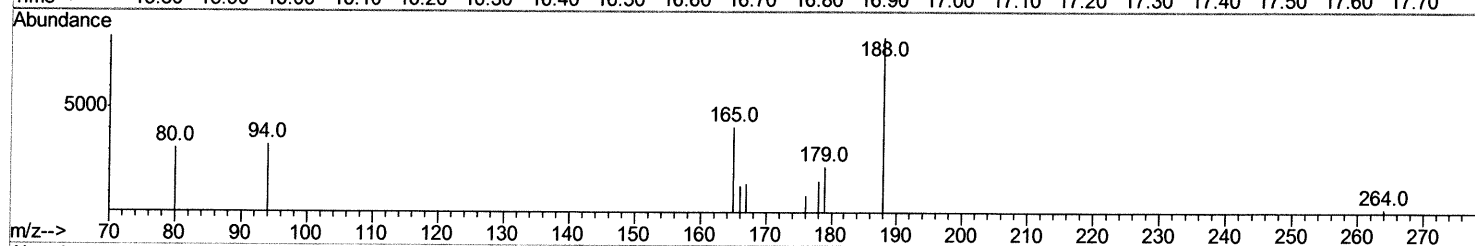
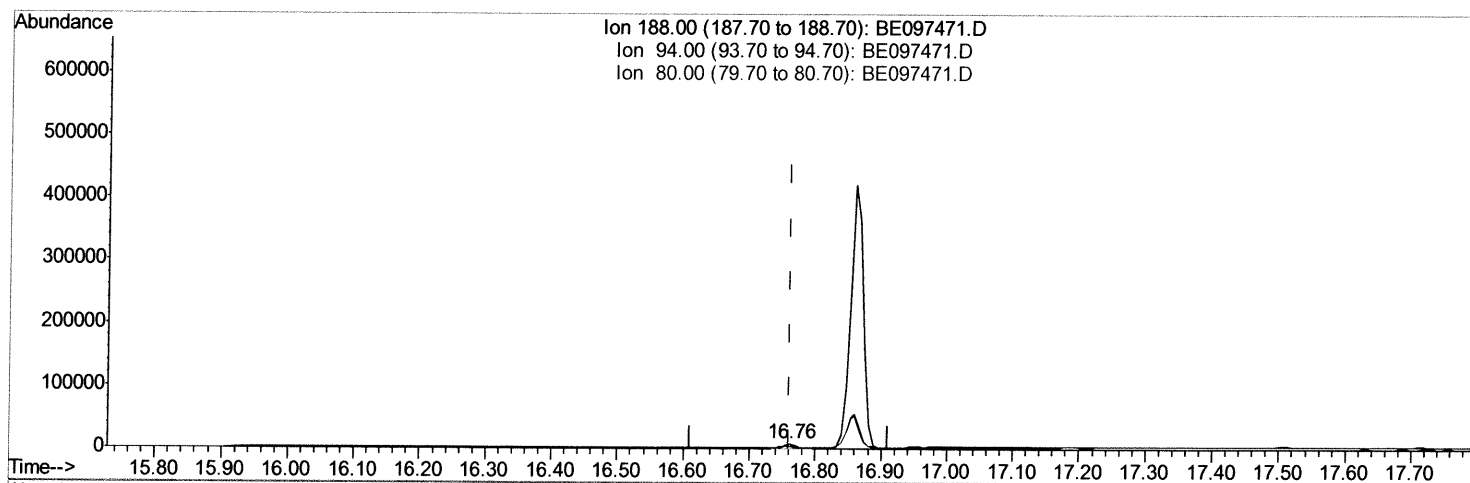
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:48:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.761min (0.000) 0.40ng/ul m) SJ 9/14/18

response 11561

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	39.06#
80.00	11.80	37.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

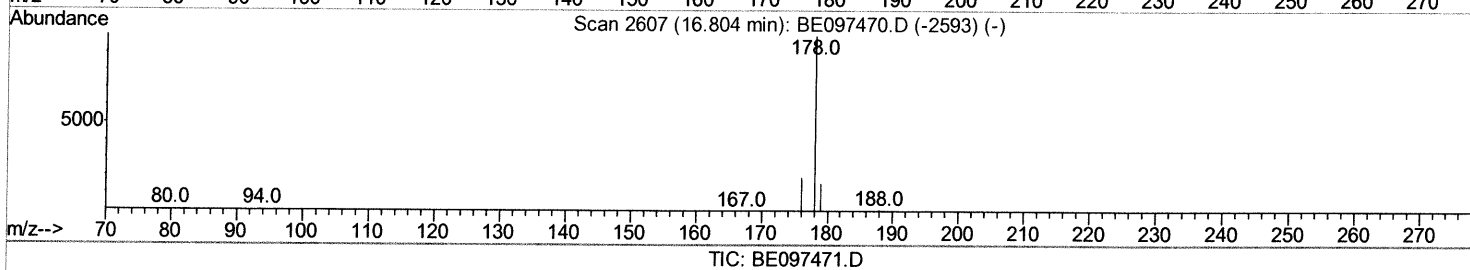
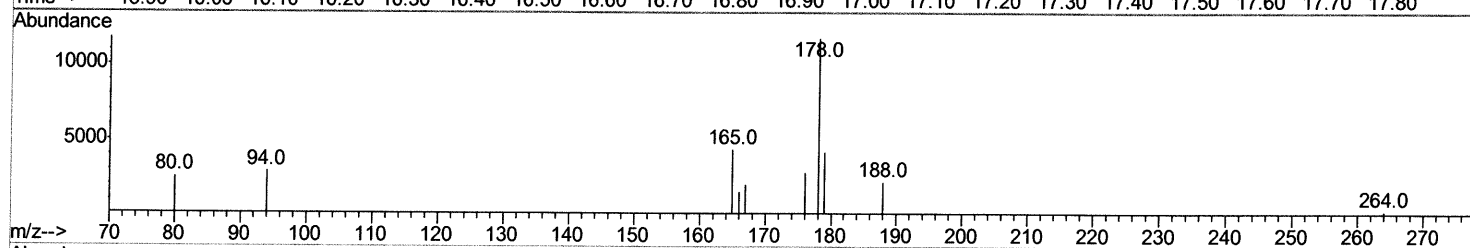
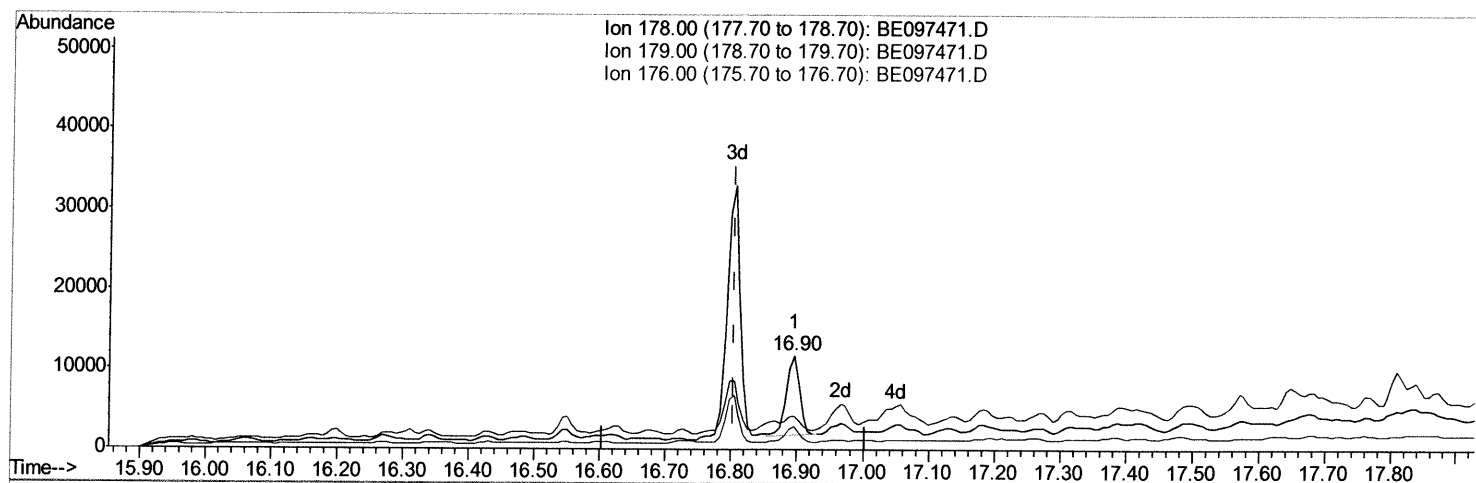
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(12) Phenanthrene

16.895min (+0.091) 0.46ng/ul

response 13675

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	35.32#
176.00	17.00	24.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

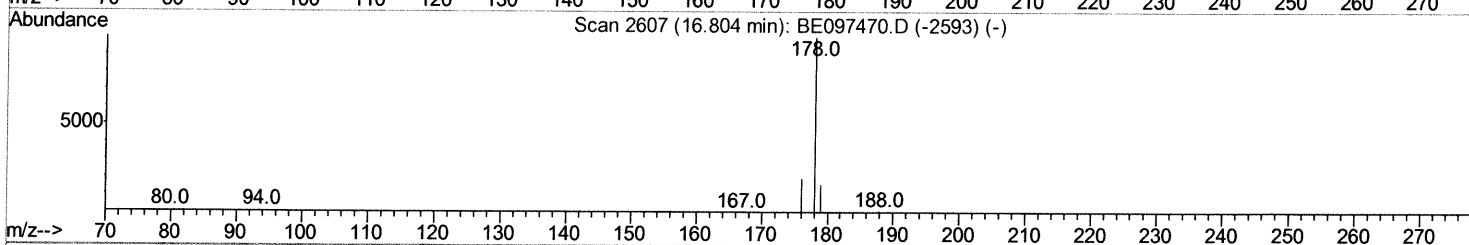
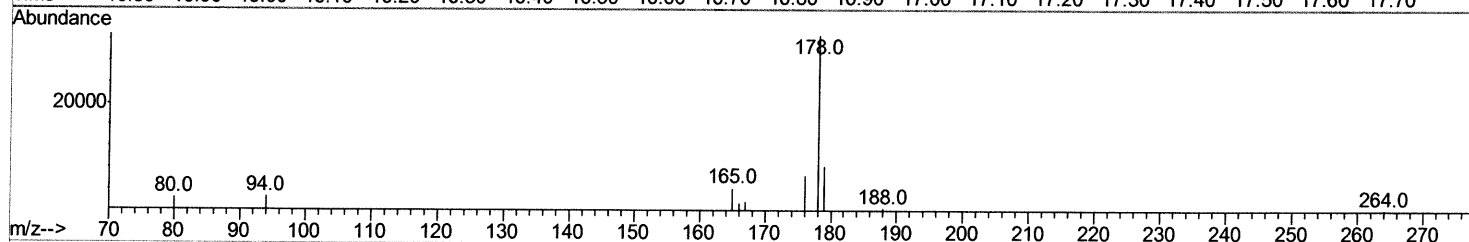
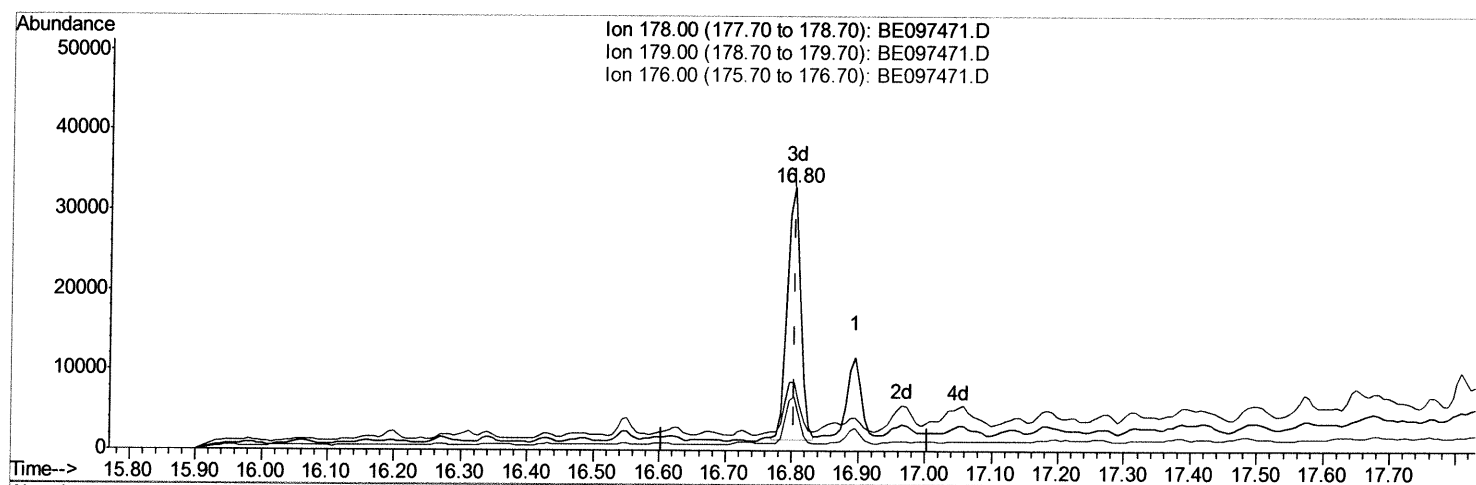
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(12) Phenanthrene

16.804min (0.000) 1.48ng/ul m) SJ 9/18/18

response 44046

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	25.88
176.00	17.00	20.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

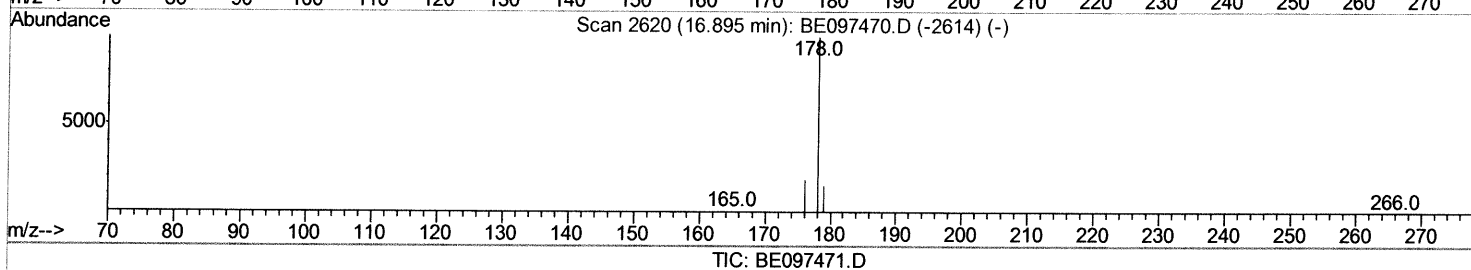
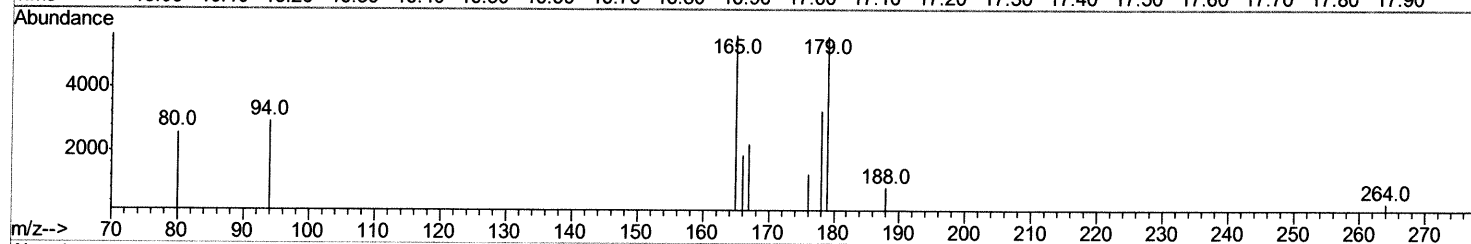
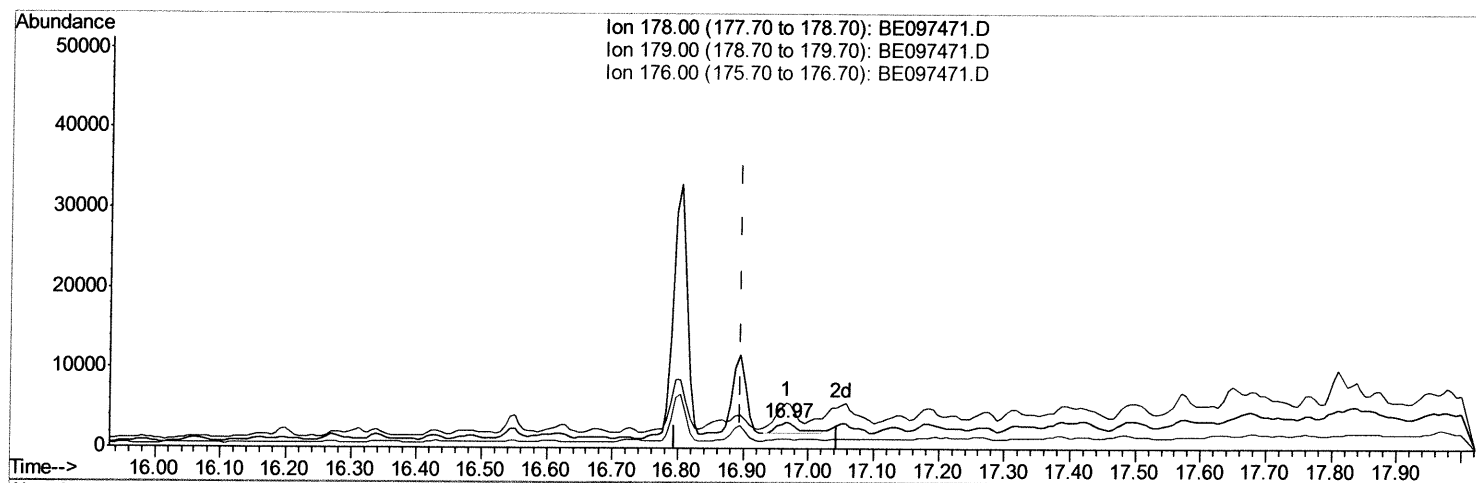
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(13) Anthracene

16.966min (+0.070) 0.14ng/ul

response 3466

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	172.64#
176.00	18.40	38.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

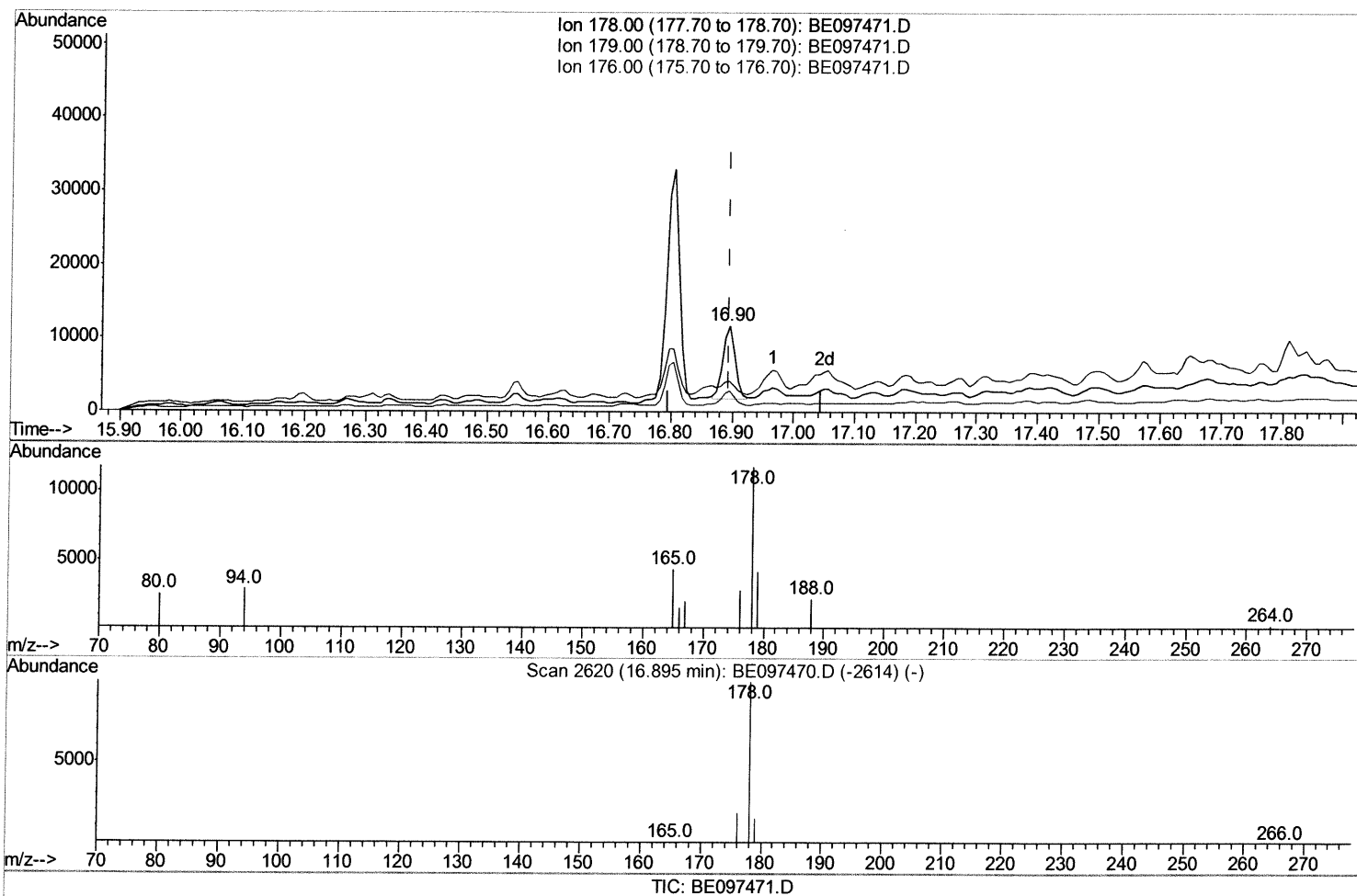
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(13) Anthracene

16.895min (-0.000) 0.53ng/ul $\approx$ 5.2 5/18/18

response 13304

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	35.32#
176.00	18.40	24.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

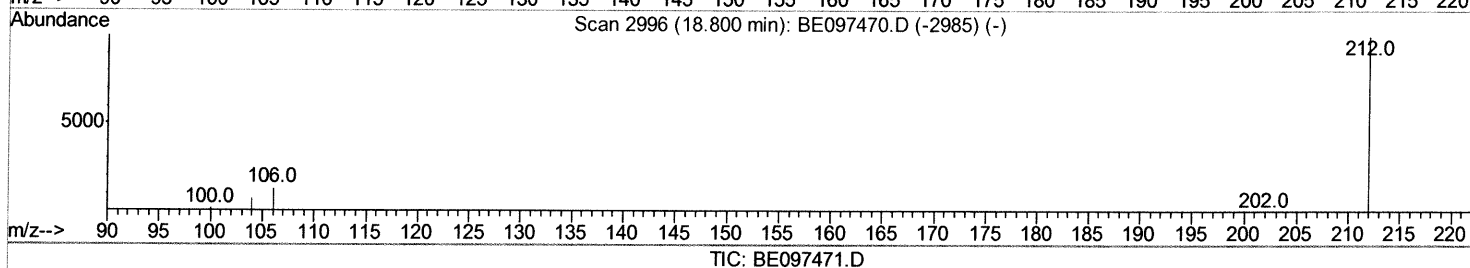
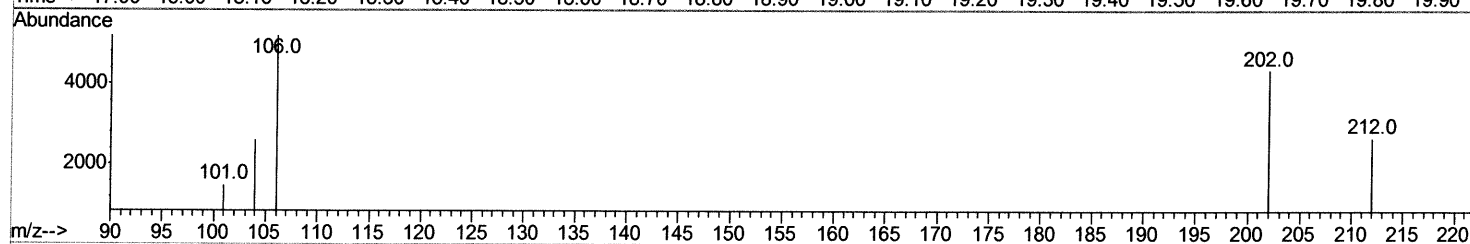
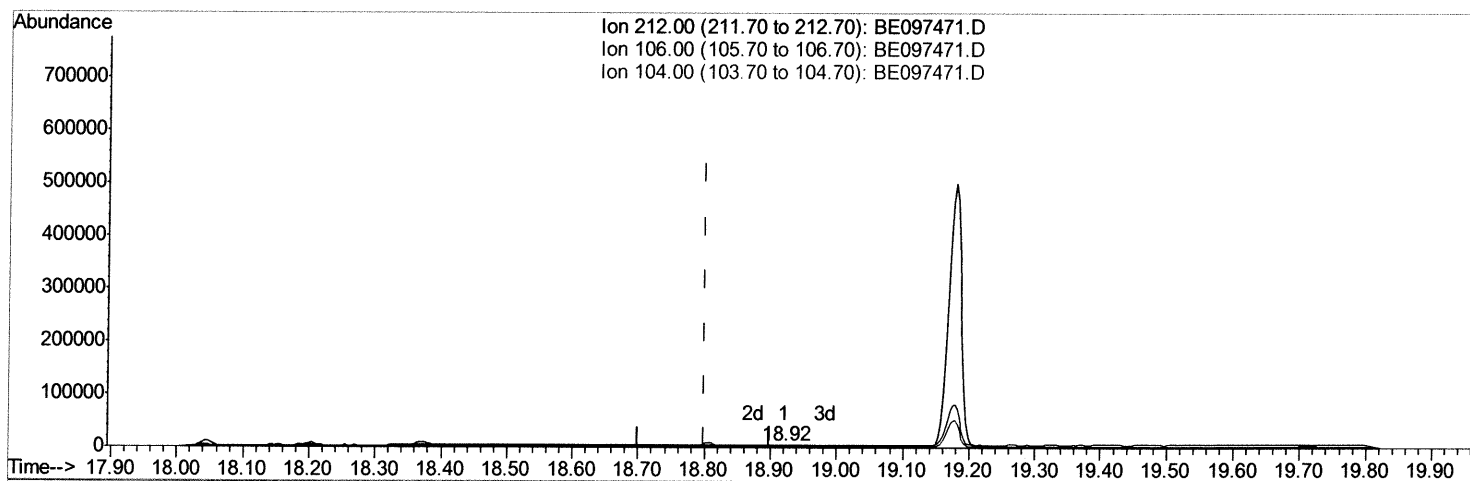
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.921min (+0.121) 0.07ng/ul

response 2694

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	109.39#
104.00	15.60	91.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

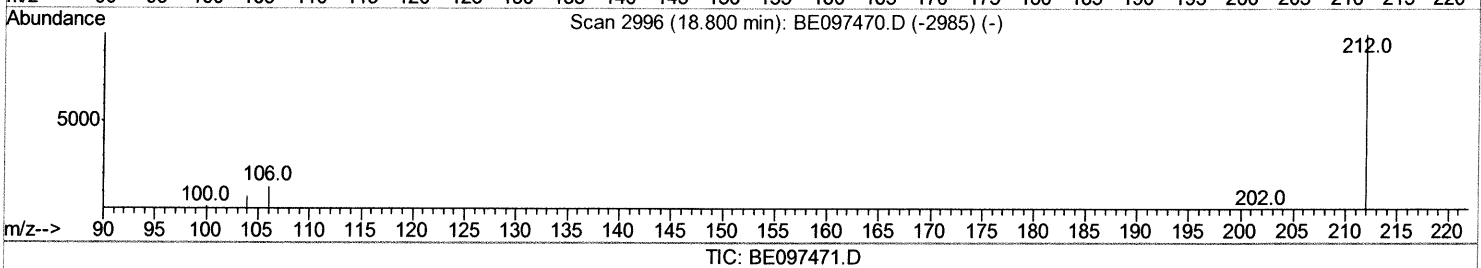
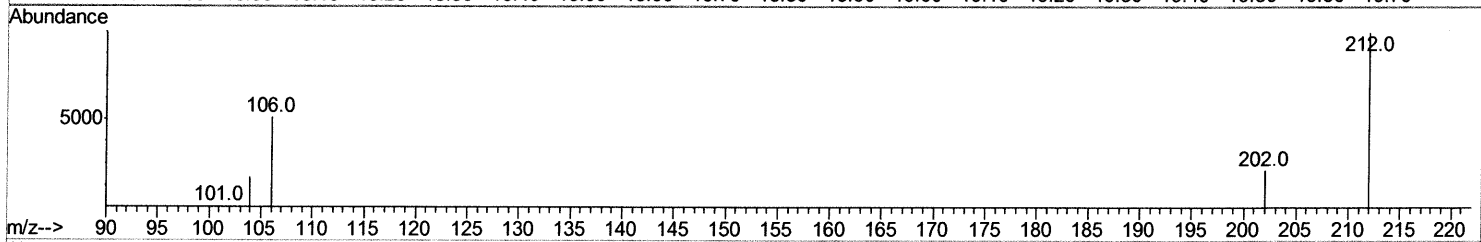
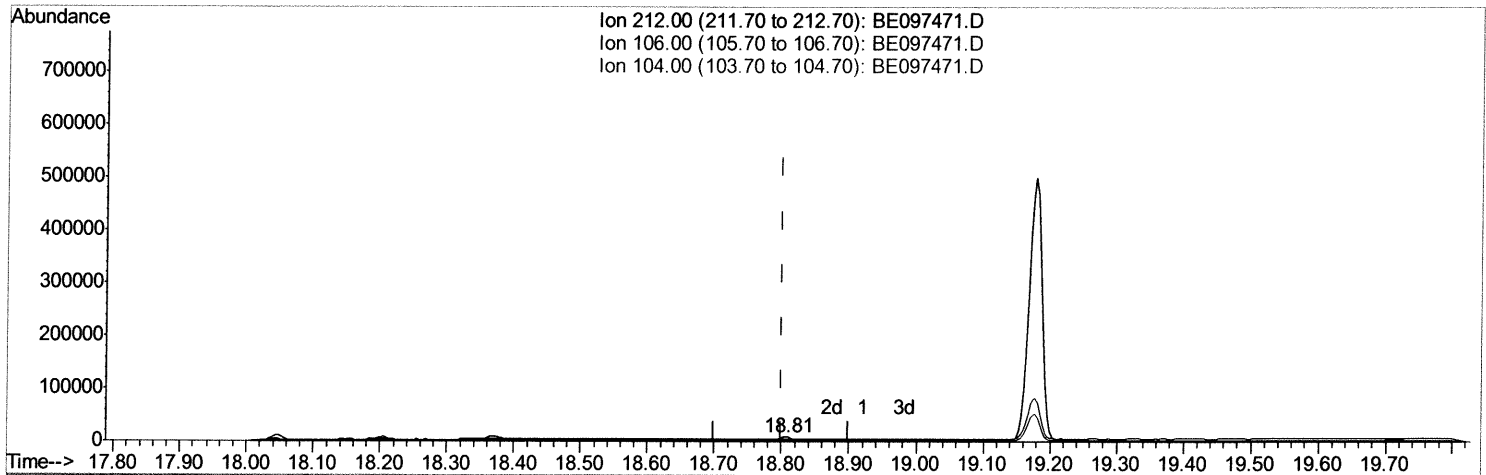
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.807min (+0.007) 0.25ng/ul m) S) 9/14/18

response 9707

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	30.36#
104.00	15.60	25.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

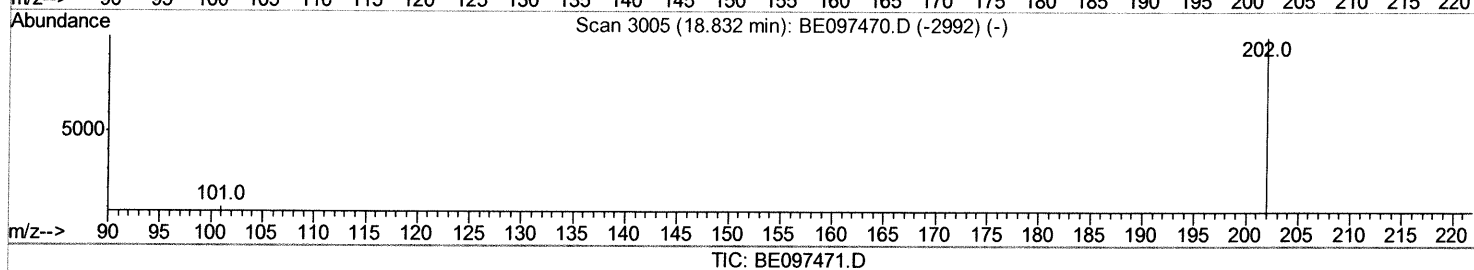
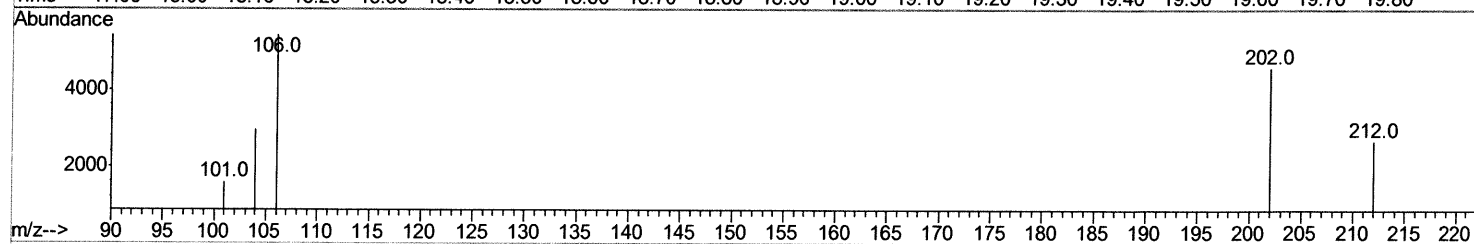
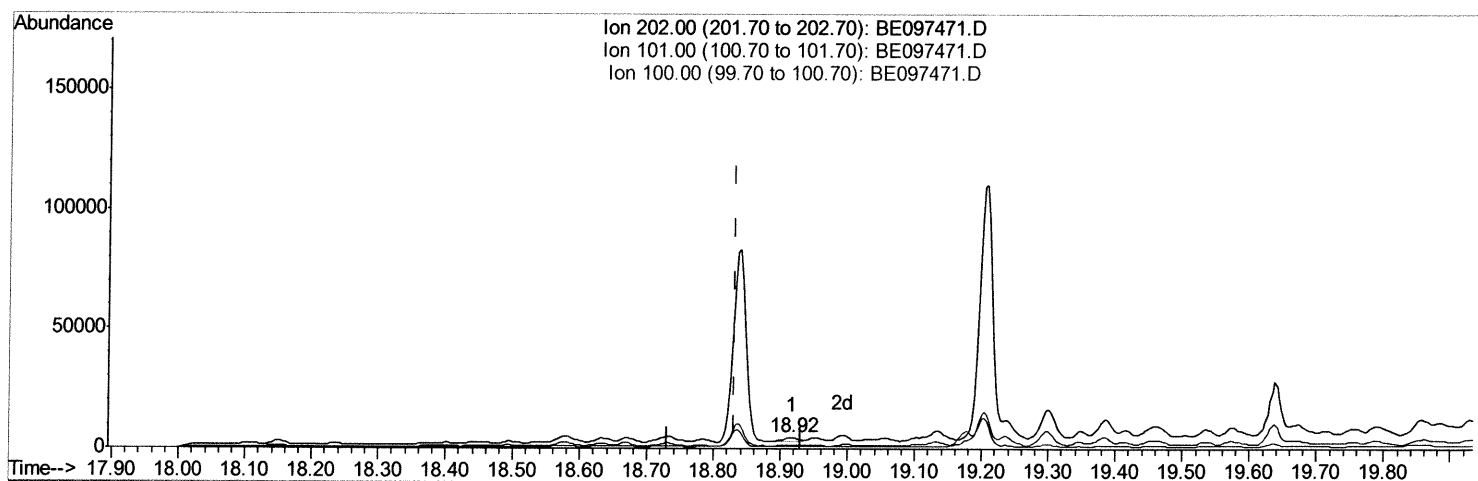
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

18.917min (+0.086) 0.05ng/ul

response 2059

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	34.22#
100.00	19.50	18.67
0.00	0.00	0.00

Quantitation Report (Qedit)

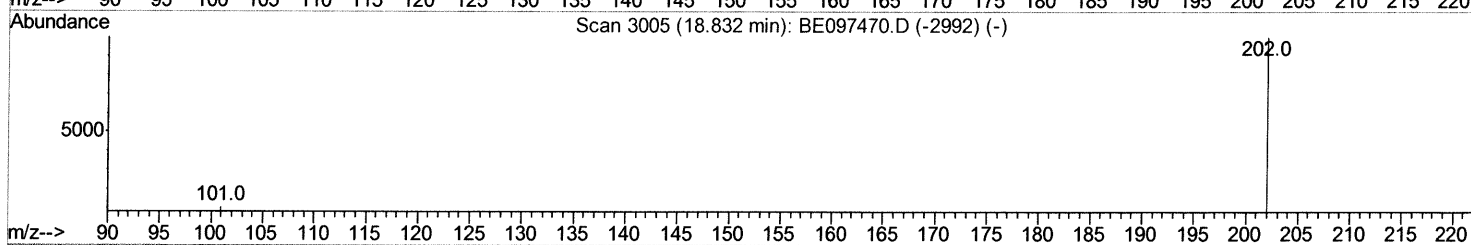
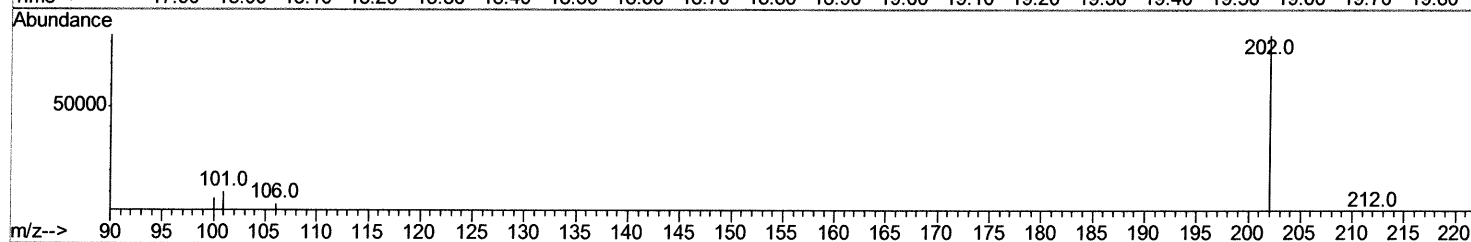
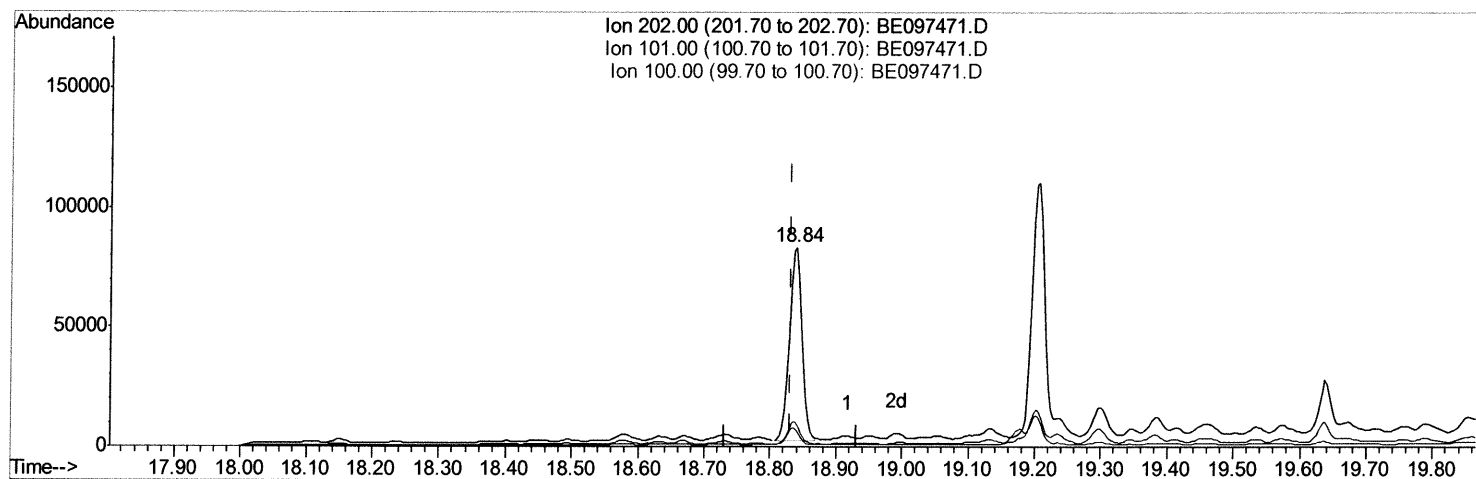
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



TIC: BE097471.D

(15) Fluoranthene (C)

18.839min (+0.007) 2.80ng/ul m) SJ 9/18/18

response 106989

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.88
100.00	19.50	8.74
0.00	0.00	0.00

Quantitation Report (Qedit)

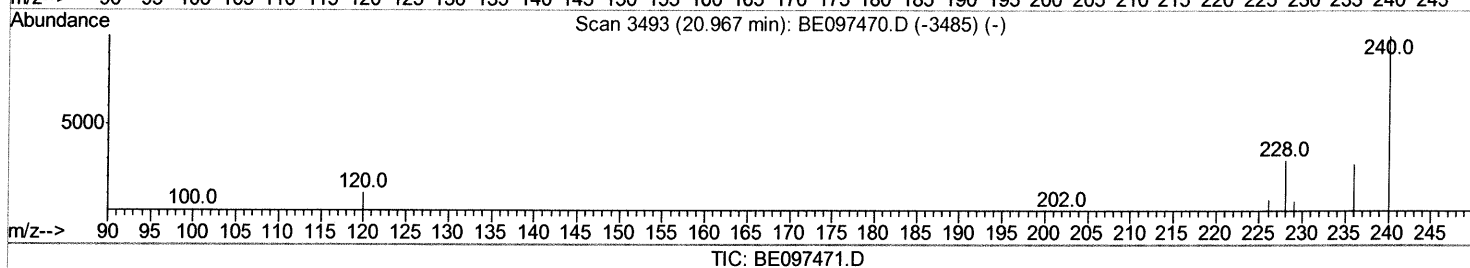
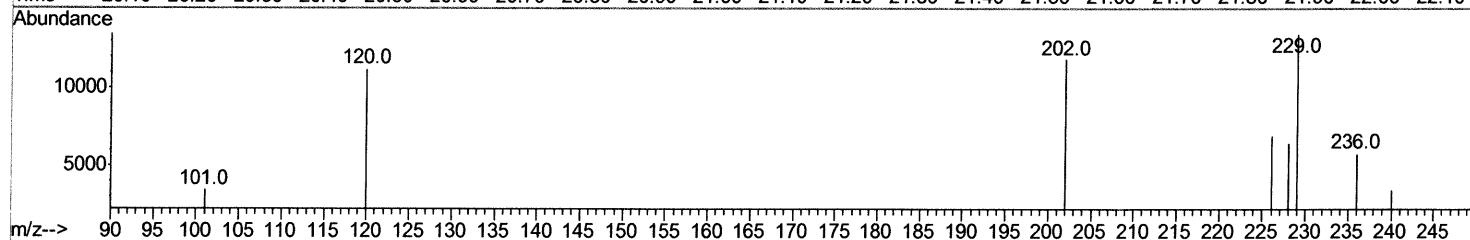
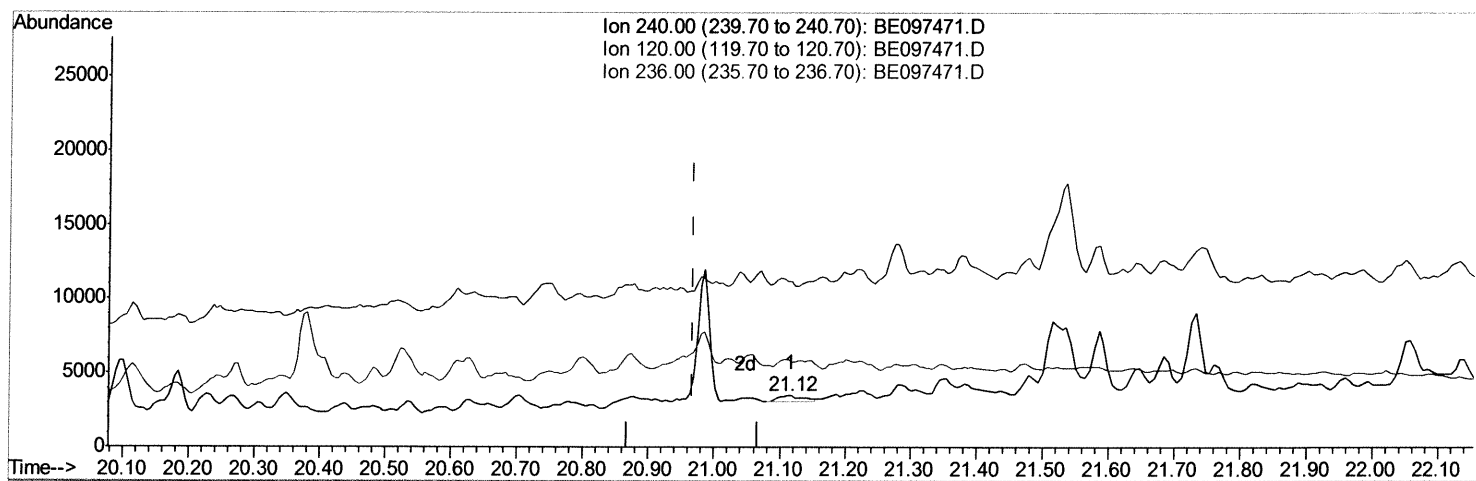
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.117min (+0.149) 0.40ng/ul

response 1187

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	323.34#
236.00	34.90	166.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

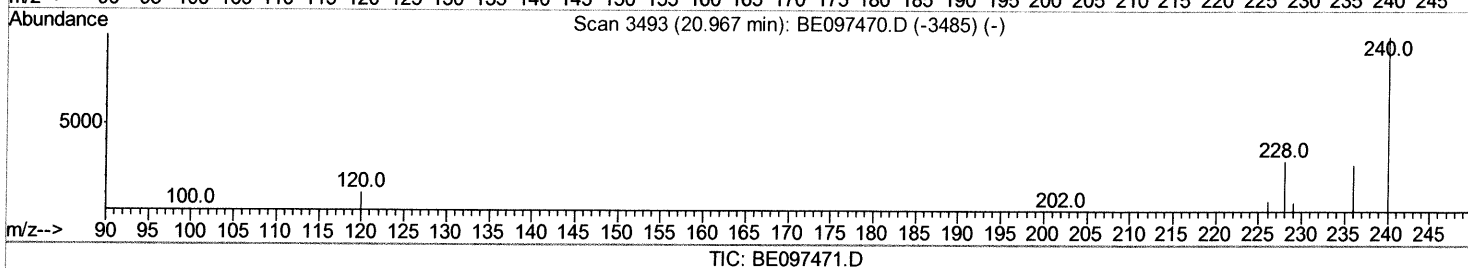
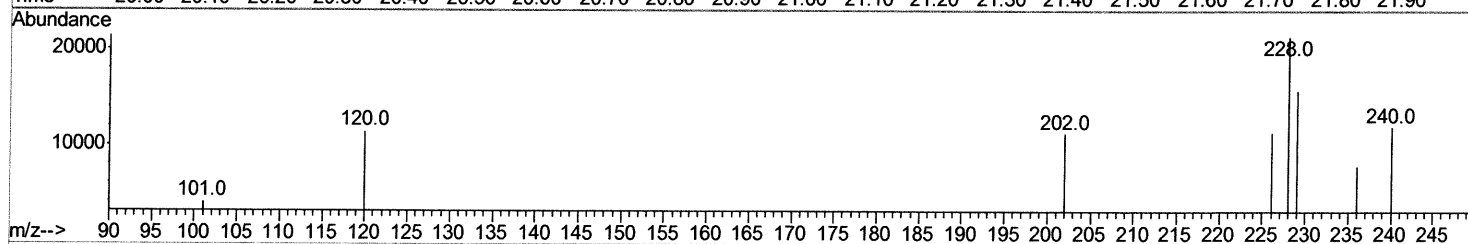
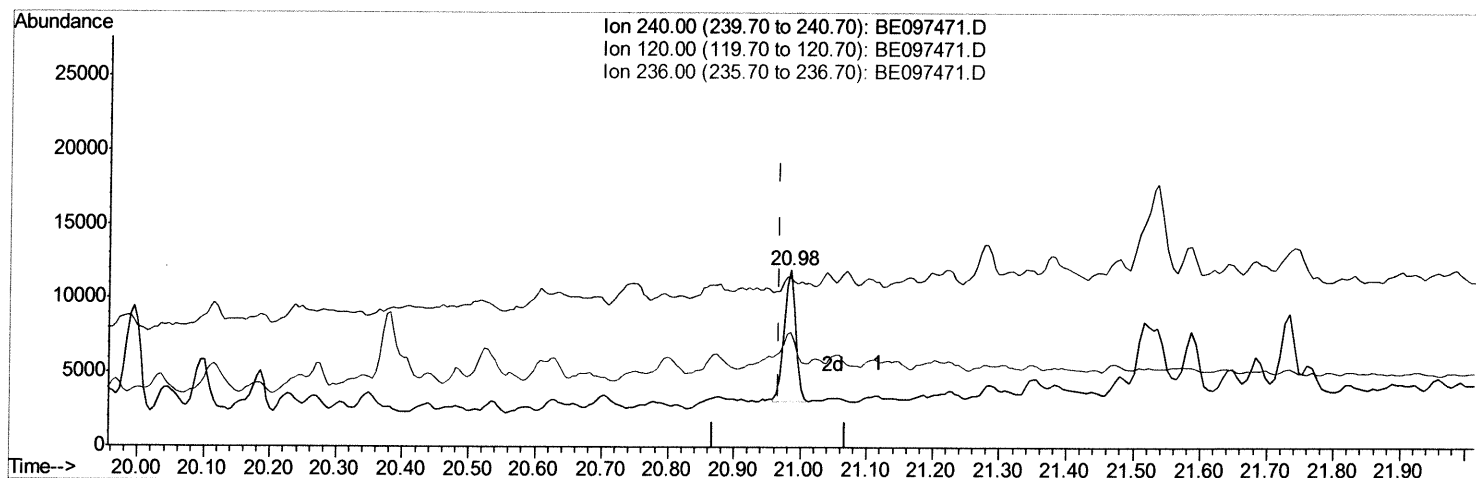
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:57:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.984min (+0.017) 0.40ng/ul m > 52 9/18/18

response 10680

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	95.35#
236.00	34.90	65.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

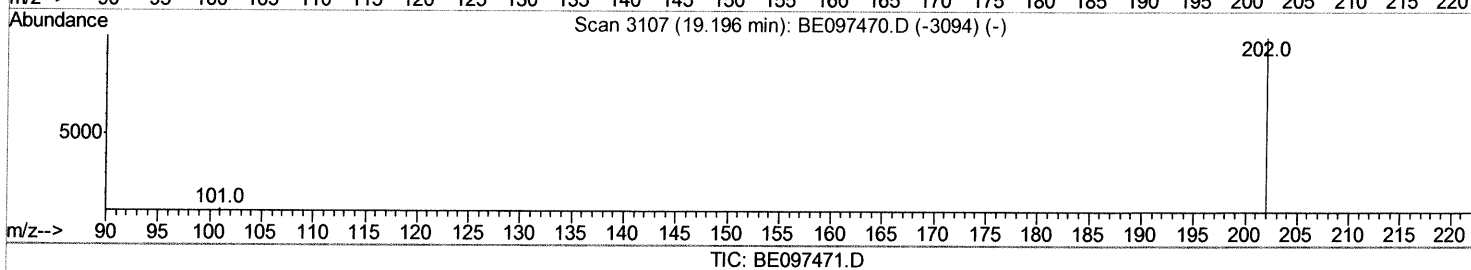
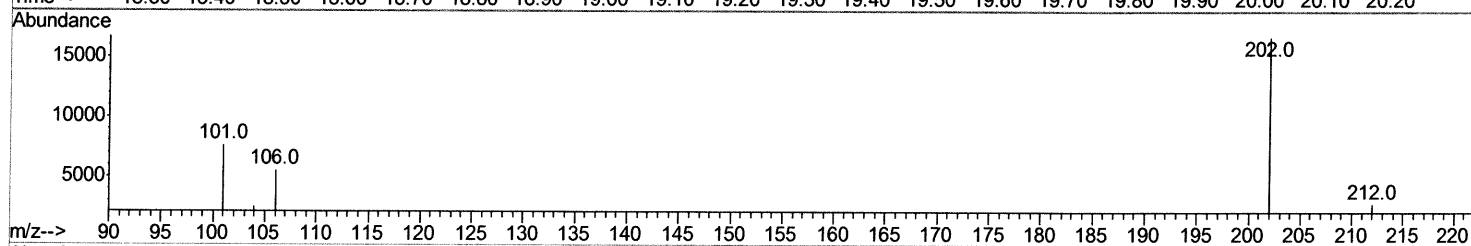
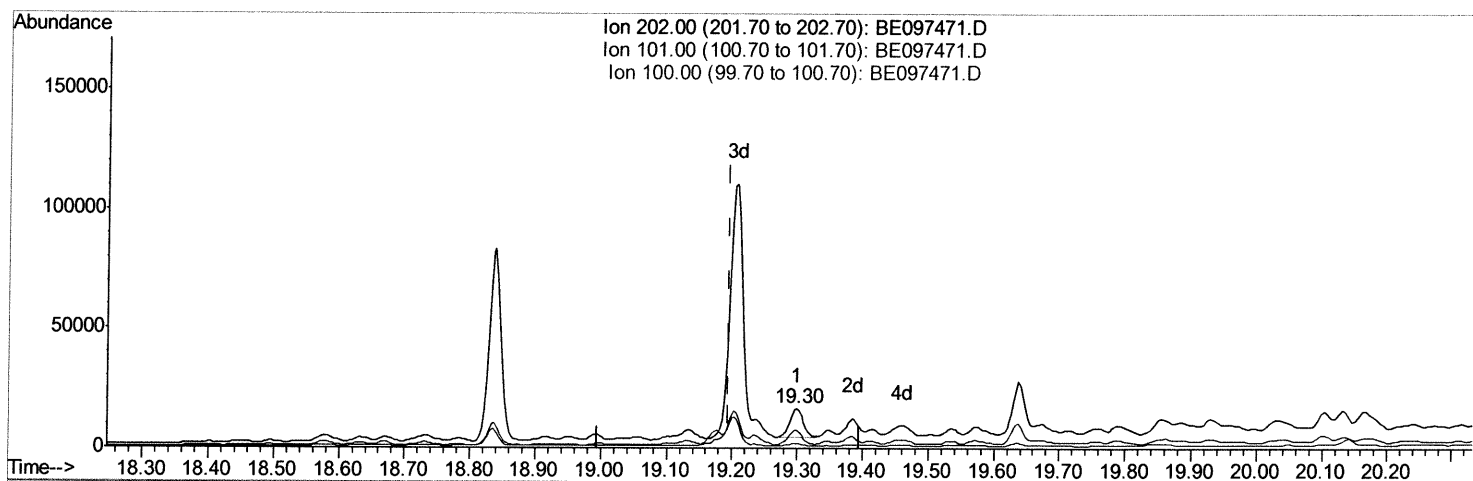
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(17) Pyrene

19.299min (+0.103) 0.60ng/ul

response 17269

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	45.52#
100.00	19.50	12.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

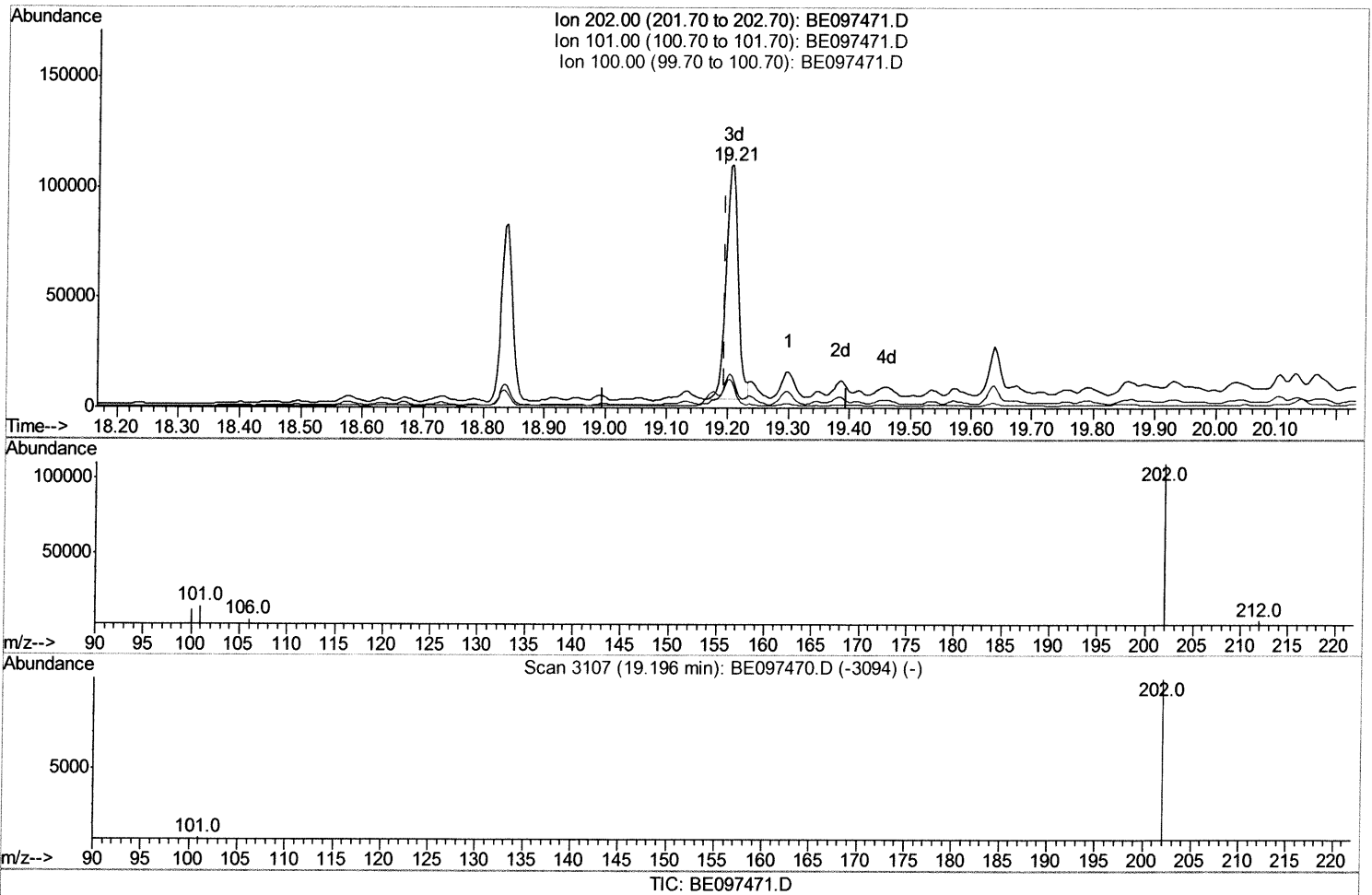
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(17) Pyrene

19.206min (+0.011) 5.02ng/ul m> SJ 9/18/18

response 144156

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	13.09#
100.00	19.50	10.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

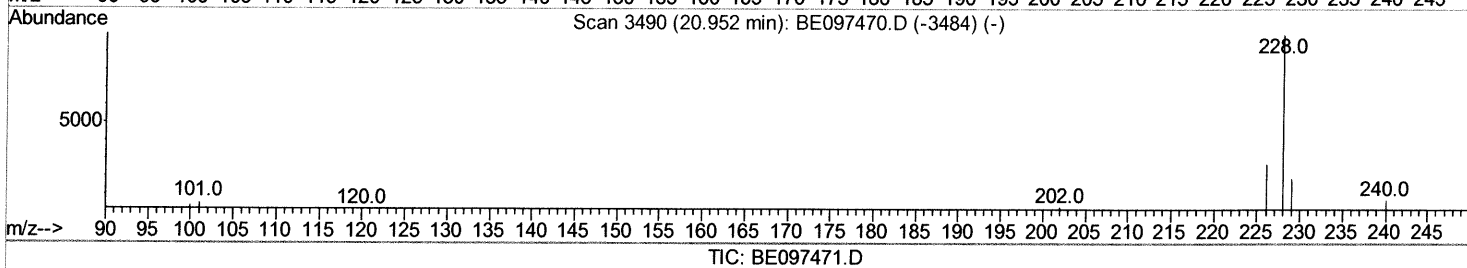
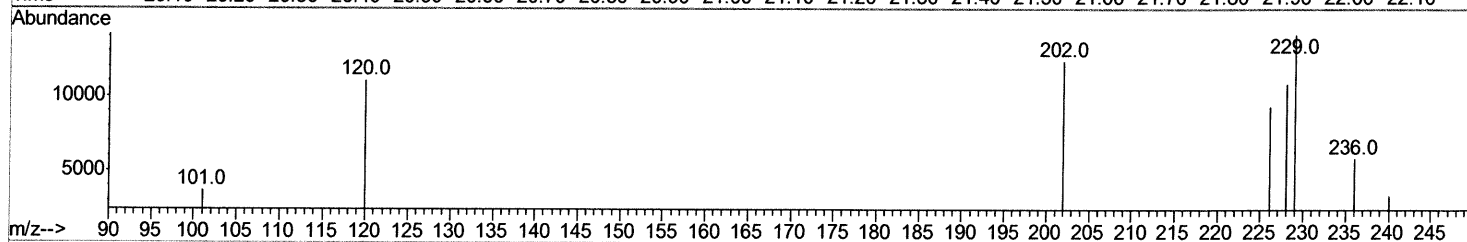
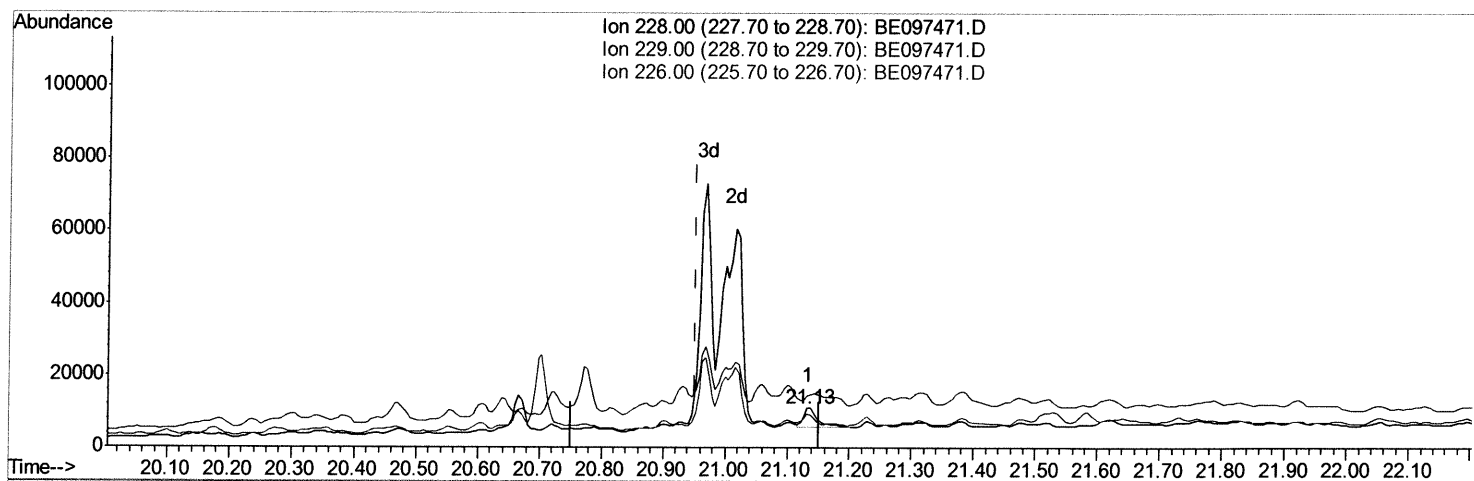
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.133min (+0.181) 0.34ng/ul

response 9272

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	130.17#
226.00	21.30	86.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

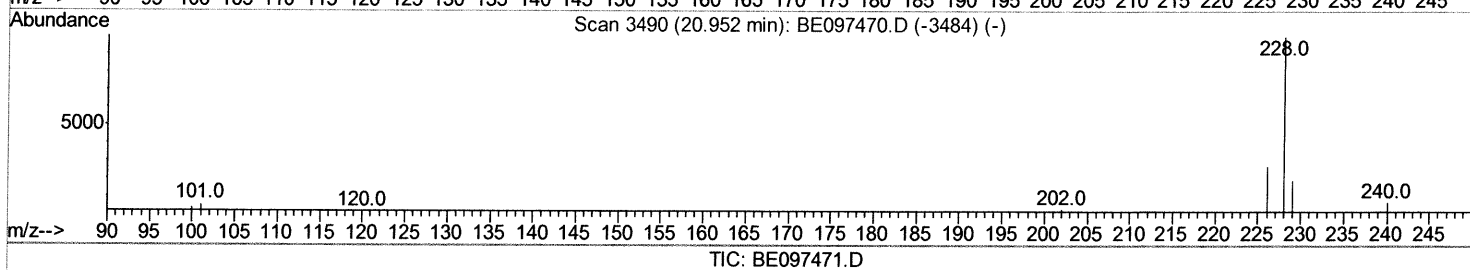
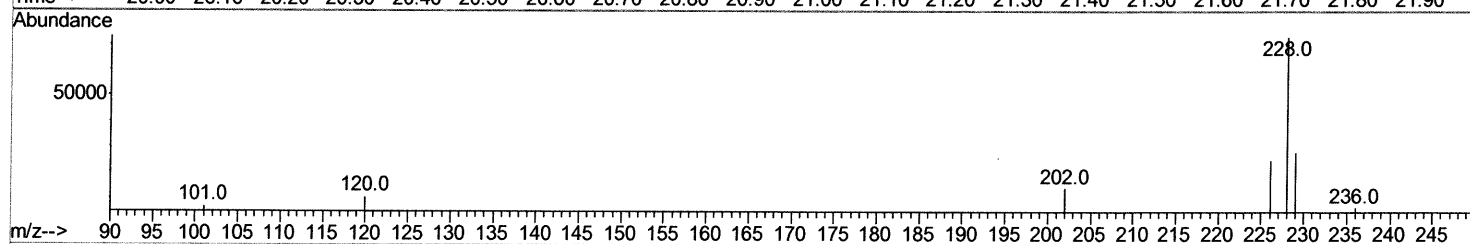
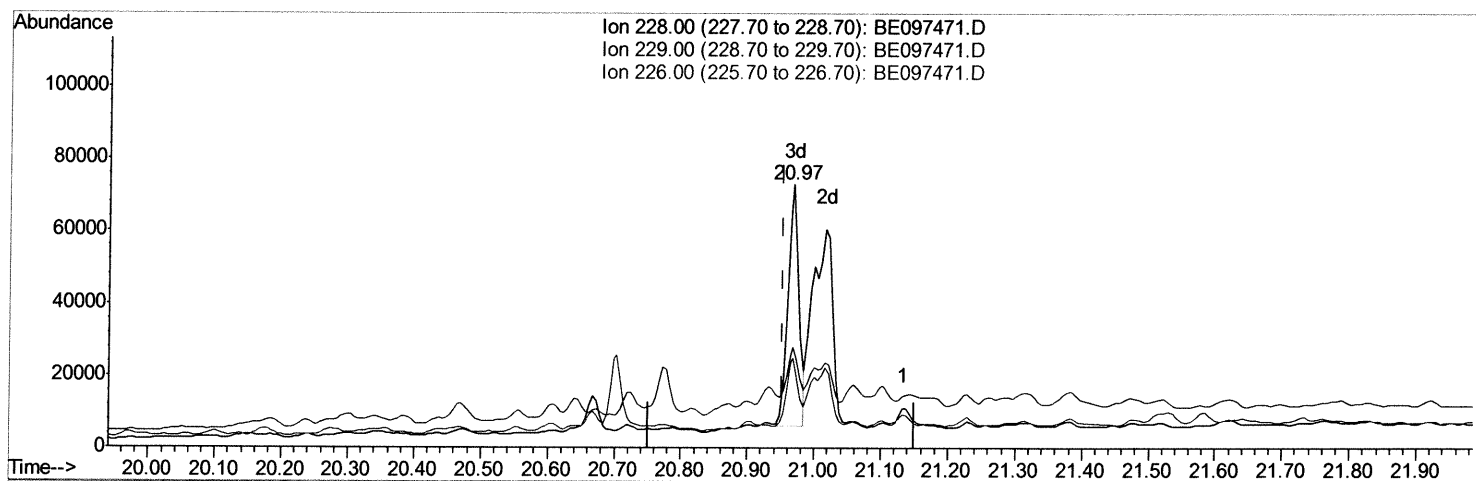
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

20.968min (+0.017) 3.01ng/ul m> SJ 9/18/18

response 82610

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	38.19#
226.00	21.30	34.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

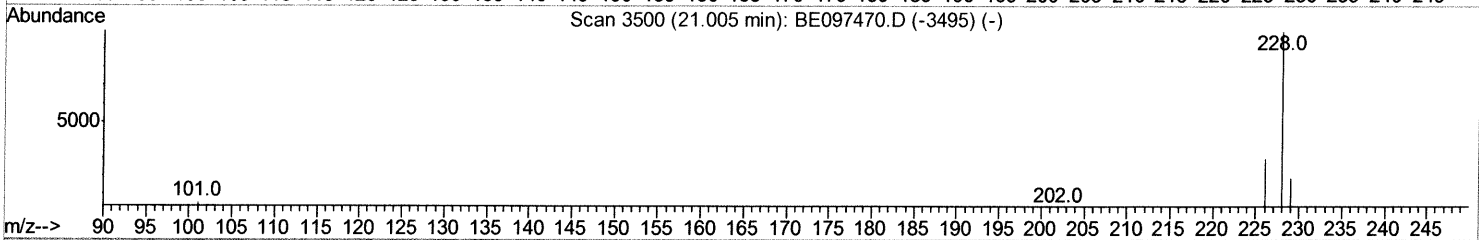
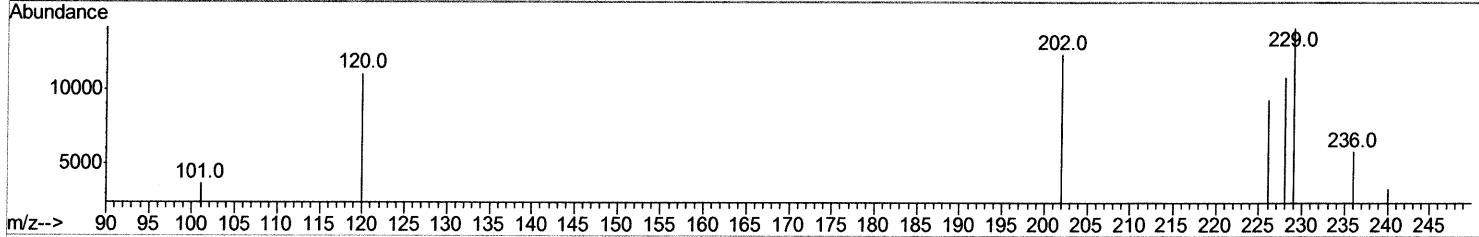
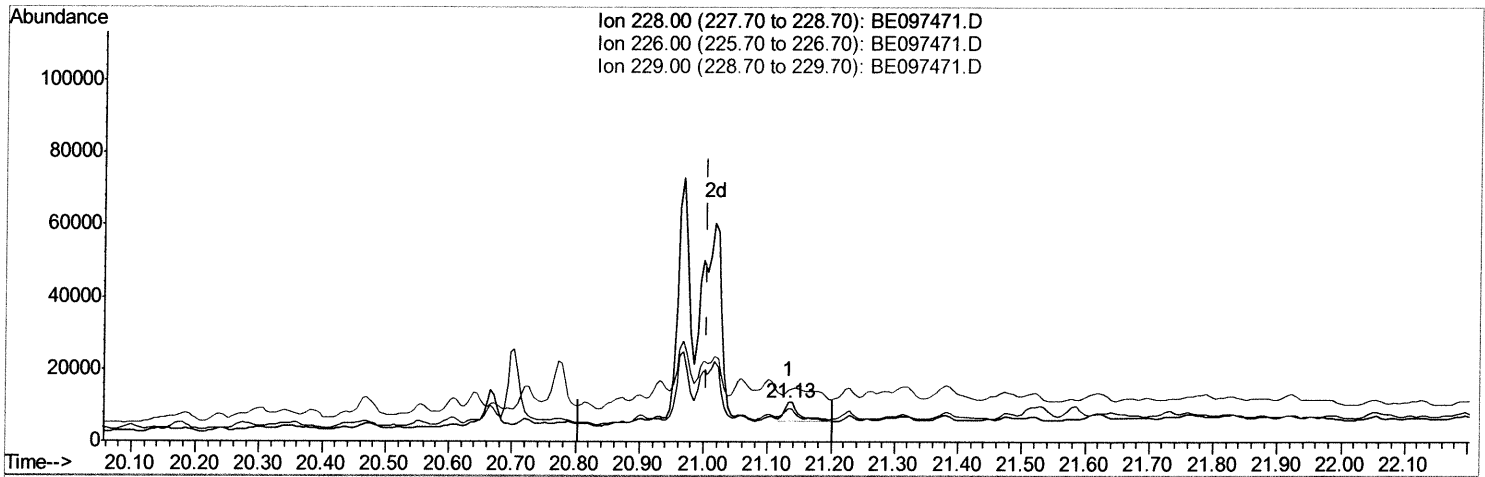
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097471.D

(19) Chrysene

21.133min (+0.128) 0.29ng/ul

response 9272

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	86.13#
229.00	22.10	130.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

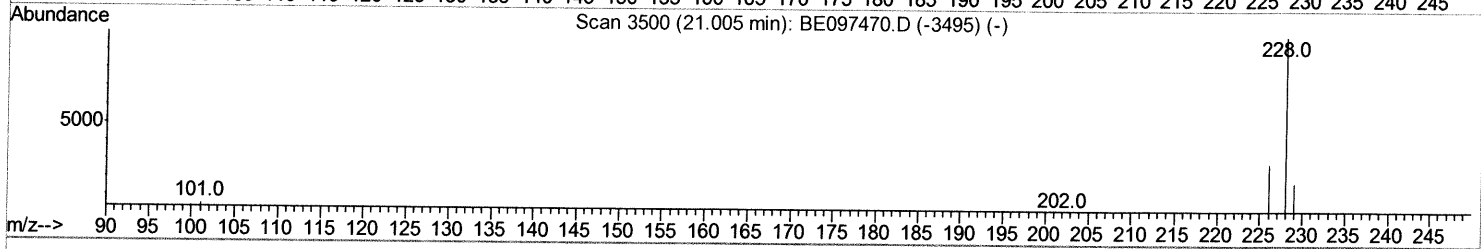
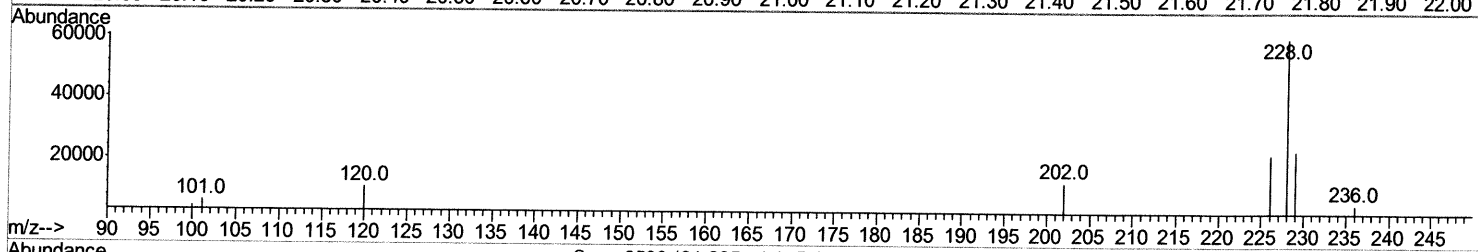
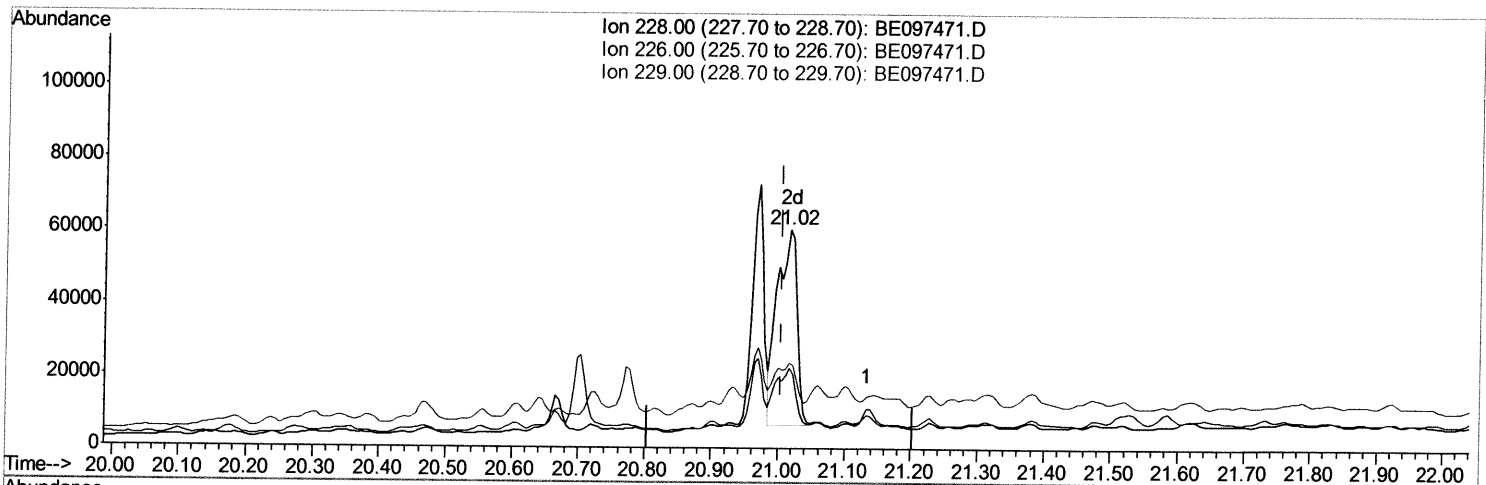
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097471.D

(19) Chrysene

21.016min (+0.012) 3.48ng/ul $\rightarrow$ 52 9/15/18

response 109988

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.76#
229.00	22.10	39.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

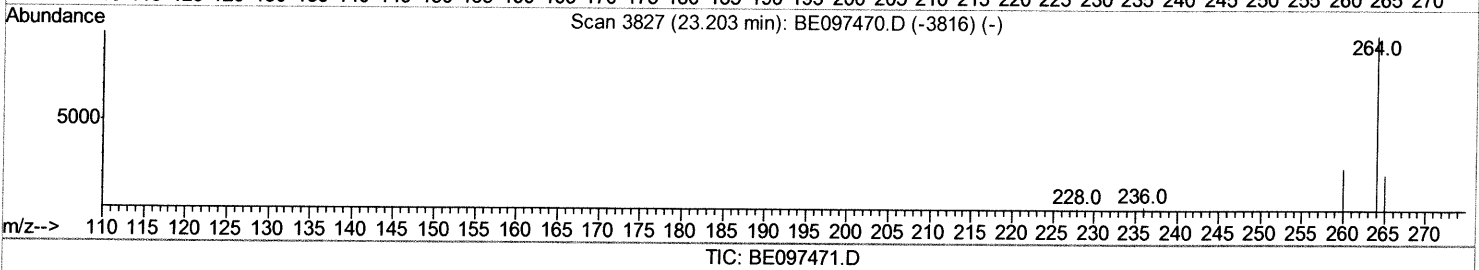
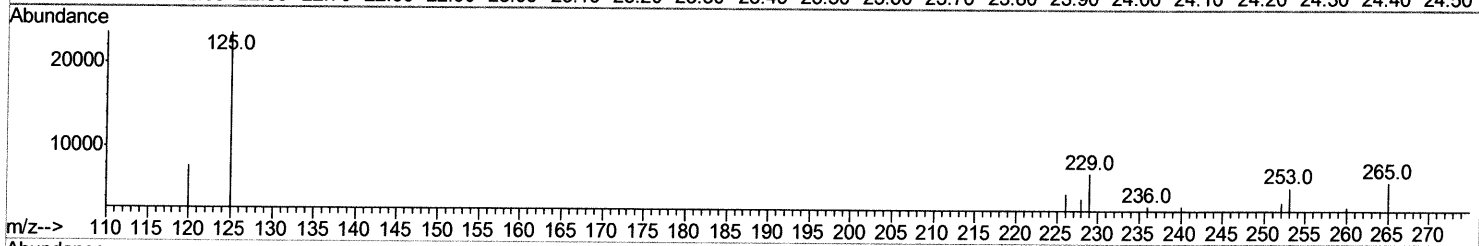
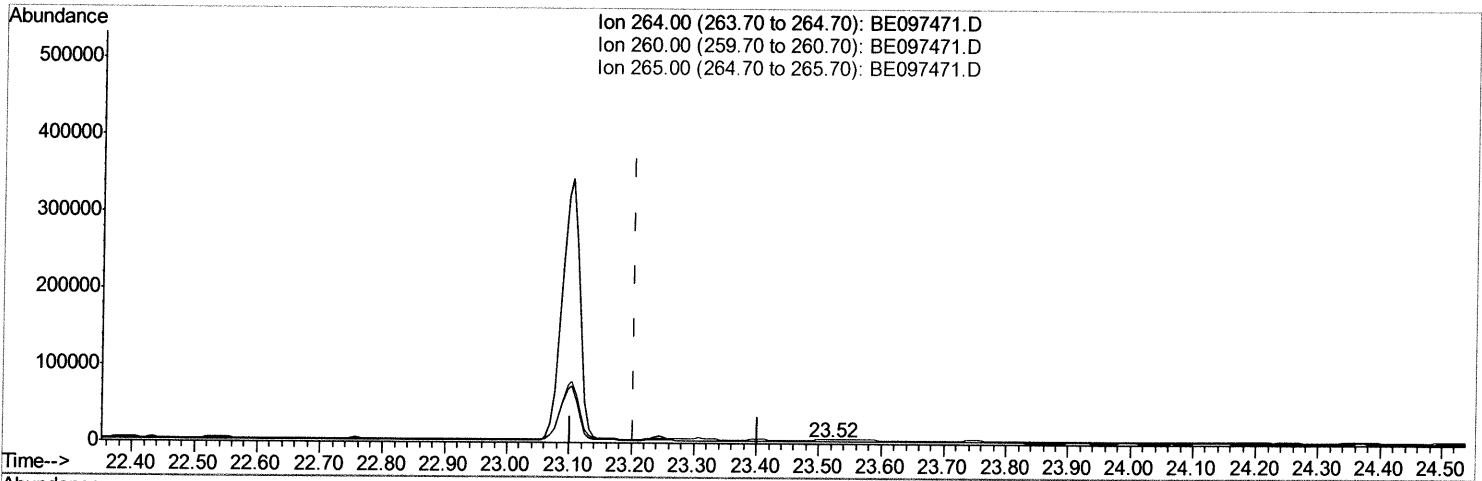
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097471.D

(20) Perylene-d12 (I)

23.519min (+0.315) 0.40ng/ul

response 515

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	113.43#
265.00	103.50	223.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

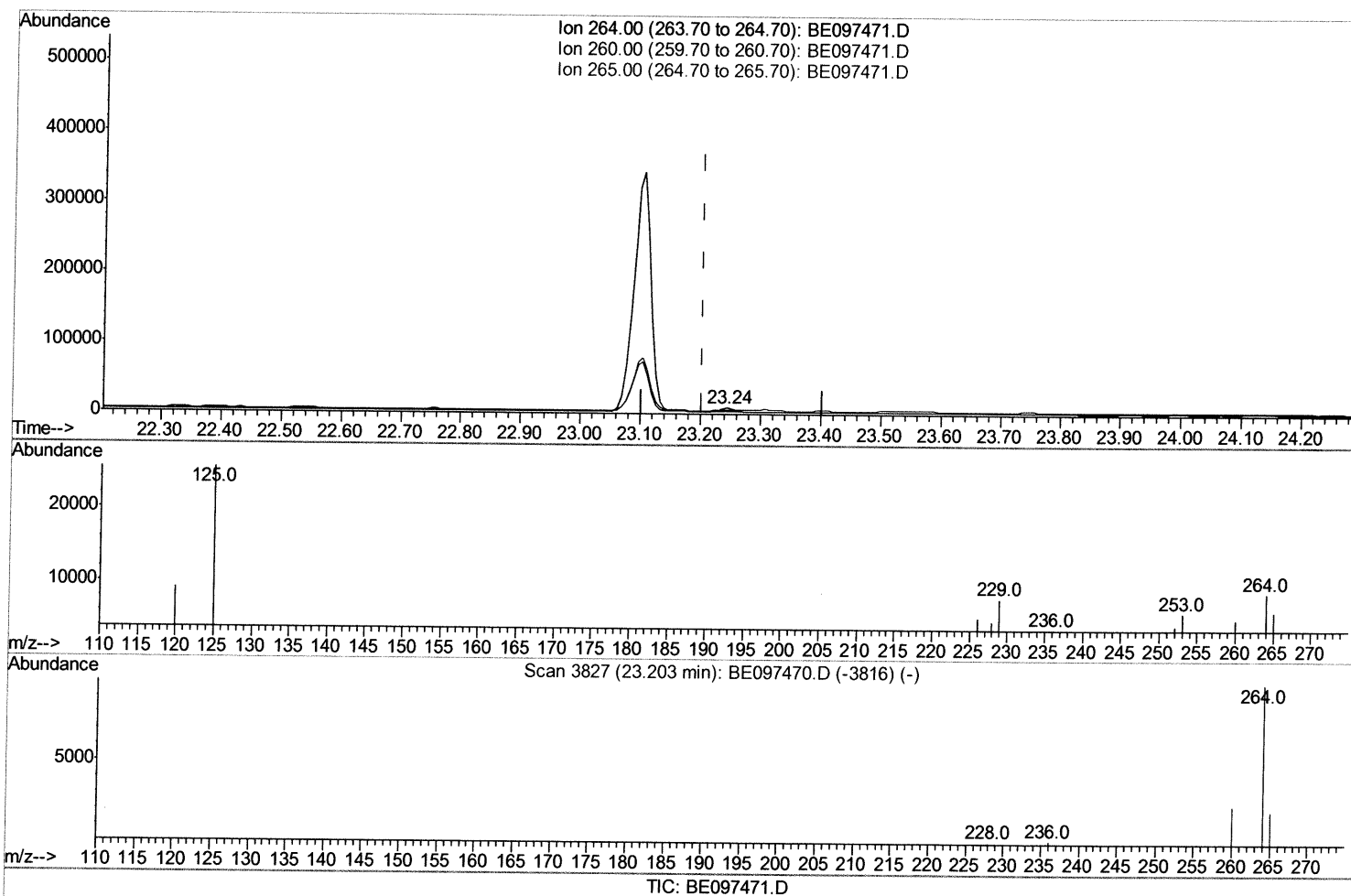
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 07:59:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.244min (+0.041) 0.40ng/ul m> SJ 9/18/18

response 10714

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	60.09#
265.00	103.50	71.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

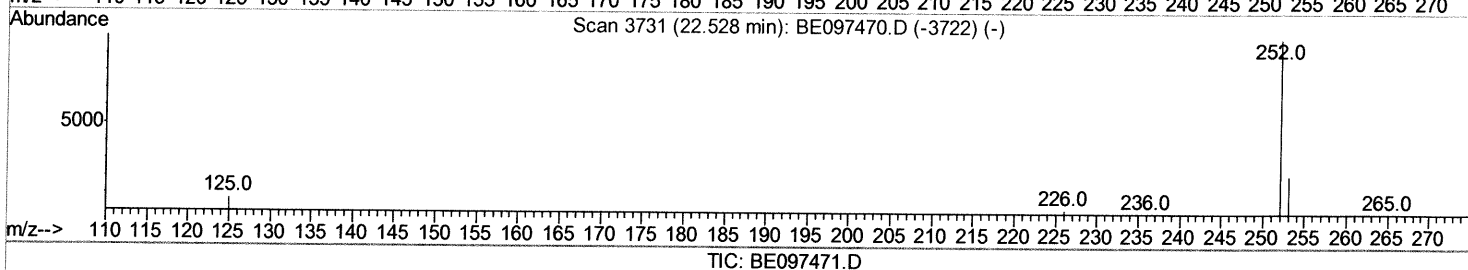
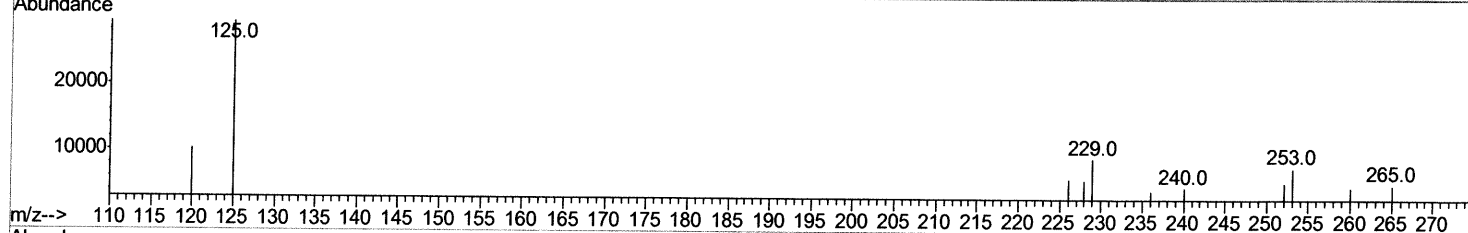
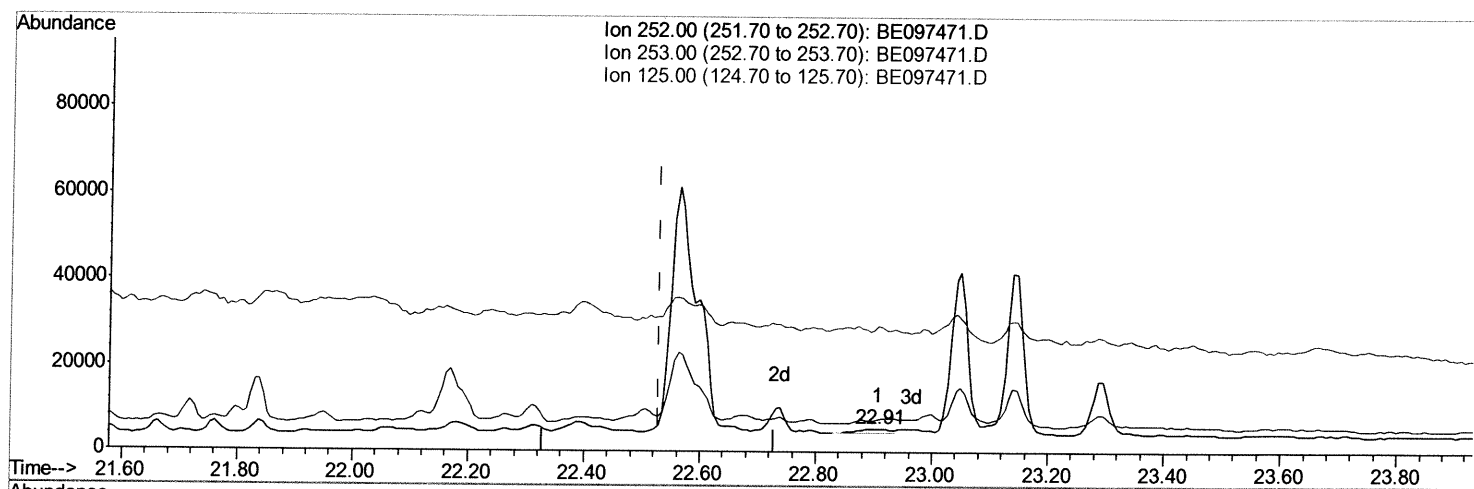
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.907min (+0.379) 0.13ng/ul

response 3833

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	139.20#
125.00	17.50	539.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

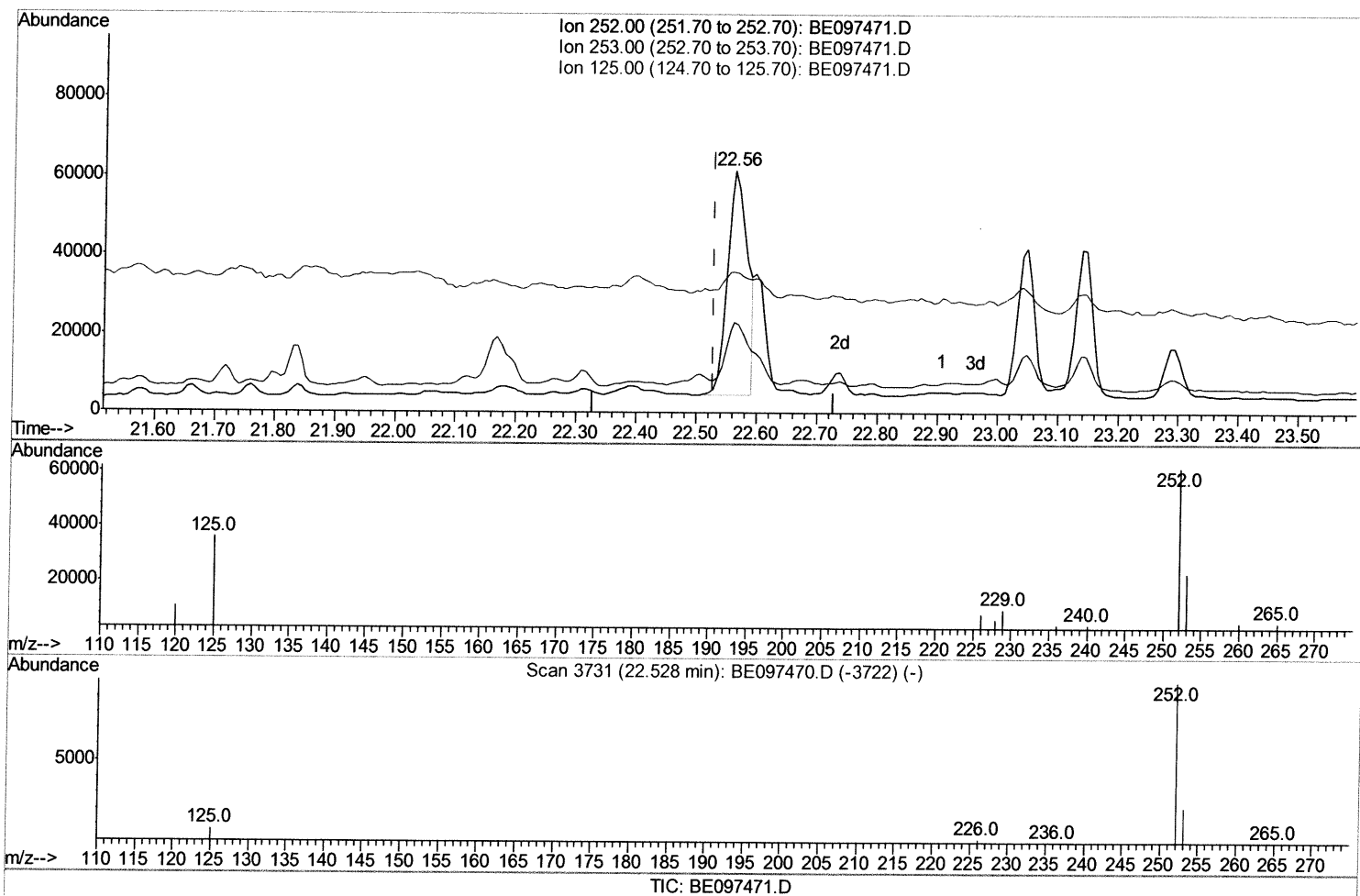
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.562min (+0.034) 4.69ng/ul m> 52 9/18/18

response 134641

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	37.31
125.00	17.50	58.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

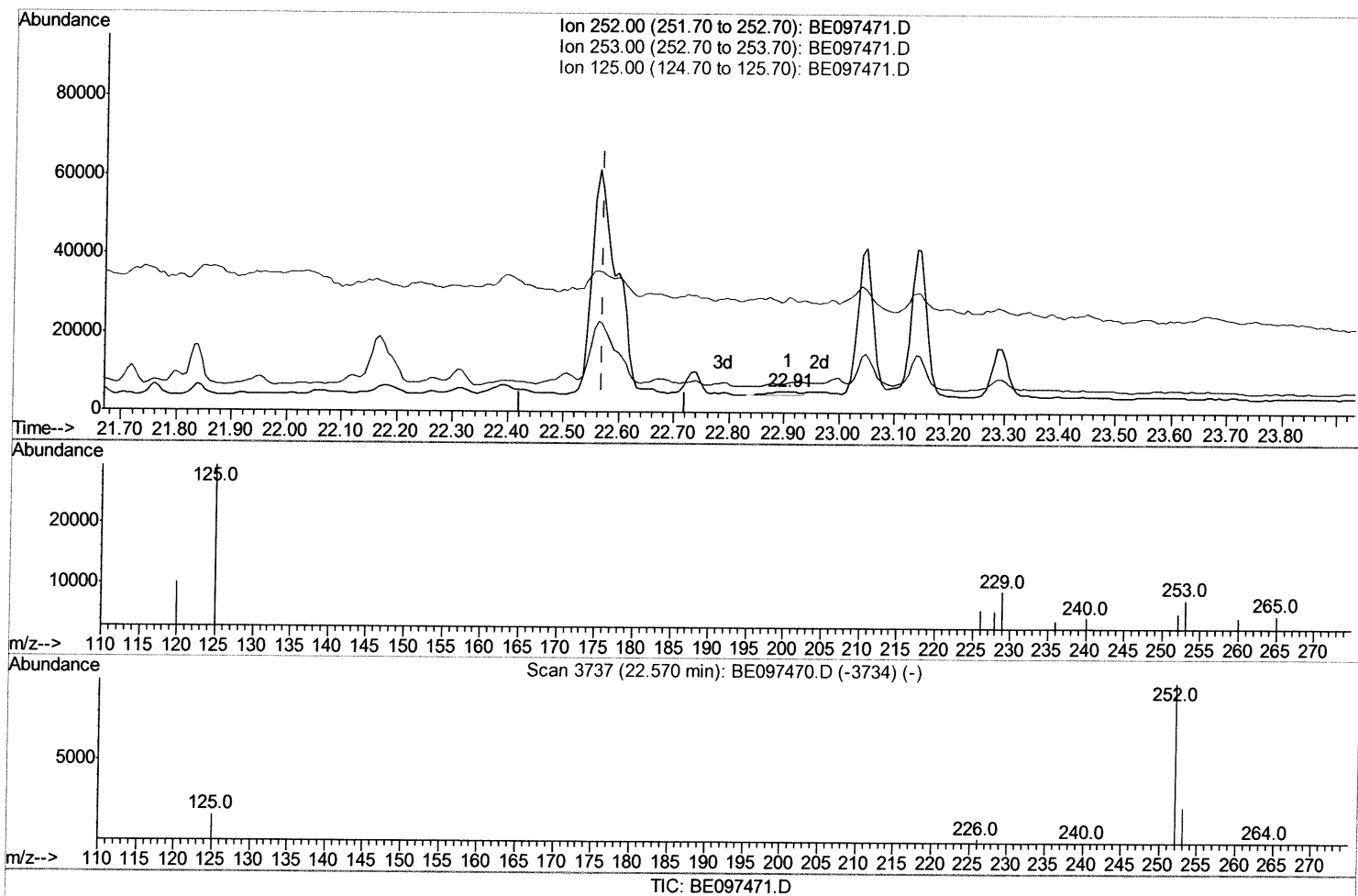
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.907min (+0.337) 0.12ng/ul

response 3833

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	139.20#
125.00	17.10	539.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

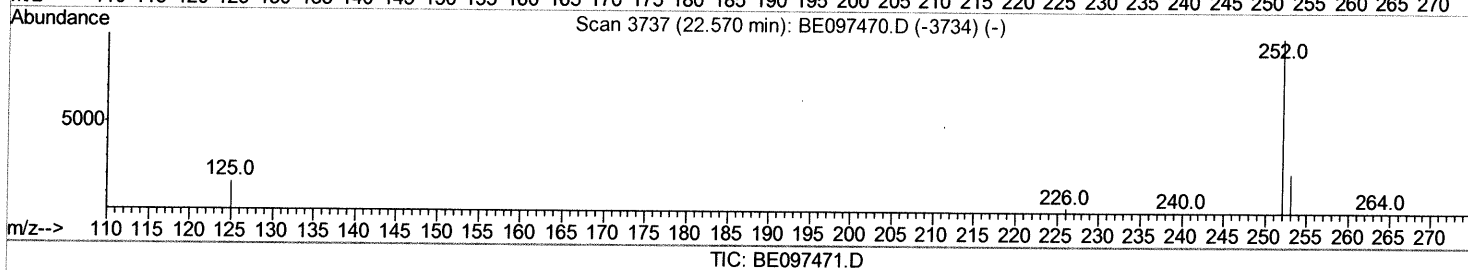
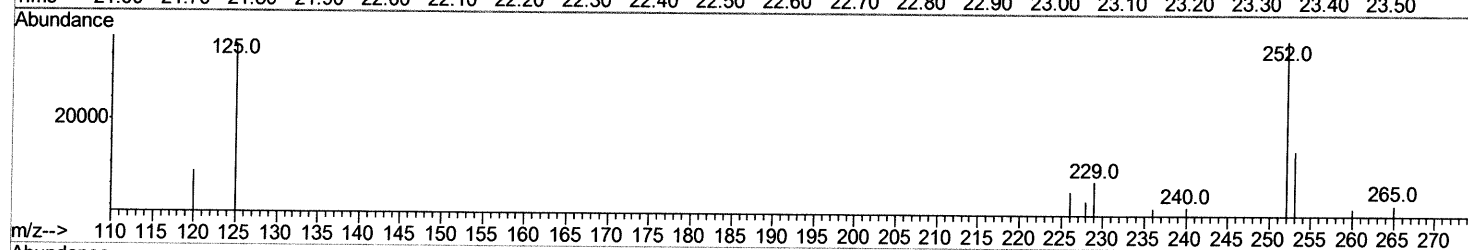
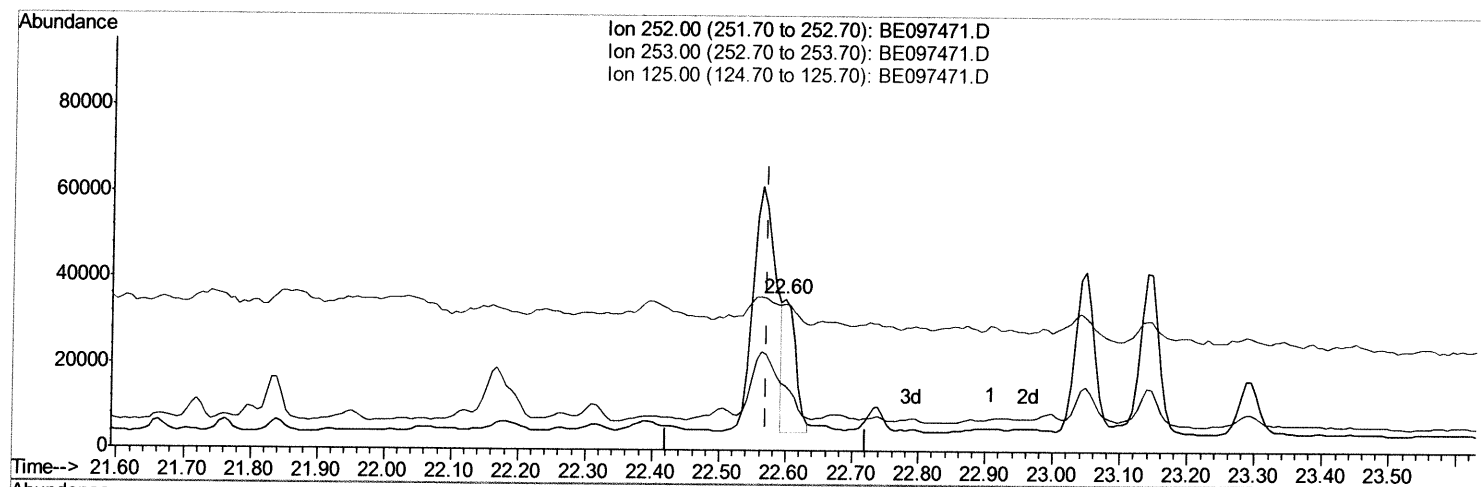
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.598min (+0.027) 1.29ng/ul m) SJ 9/13/18

response 41264

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	42.44#
125.00	17.10	96.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

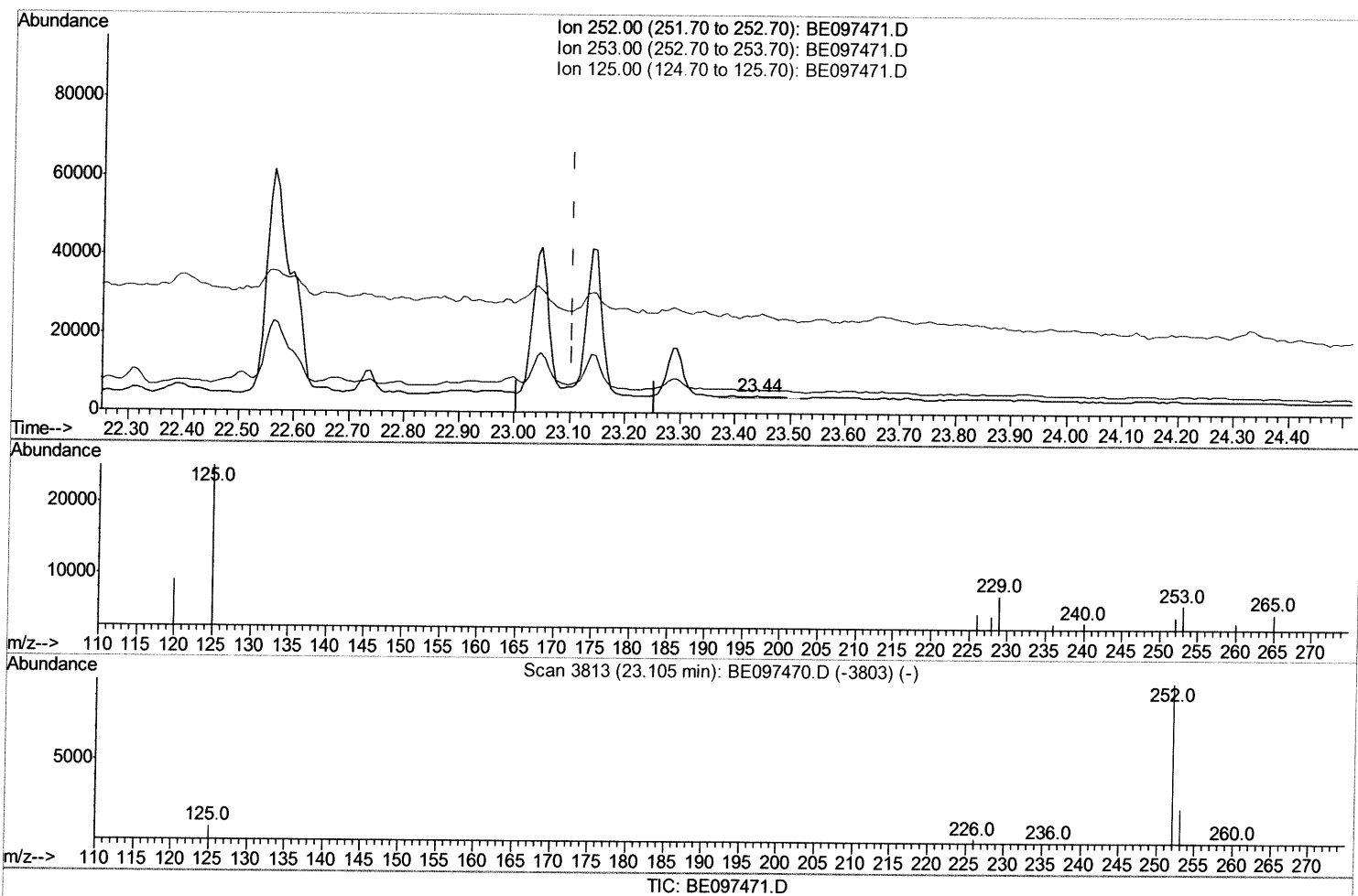
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
23.441min (+0.337) 0.12ng/ul
response 3315
Ion Exp% Act%
252.00 100 100
253.00 35.60 138.35#
125.00 22.60 572.27#
0.00 0.00 0.00

Quantitation Report (Qedit)

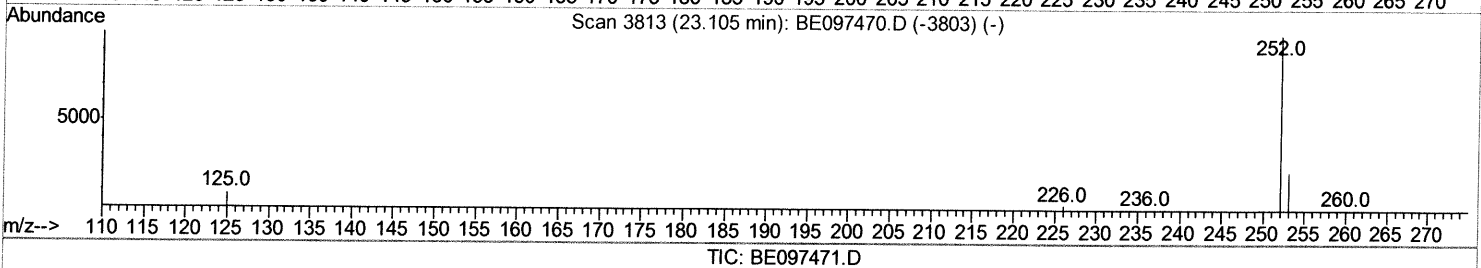
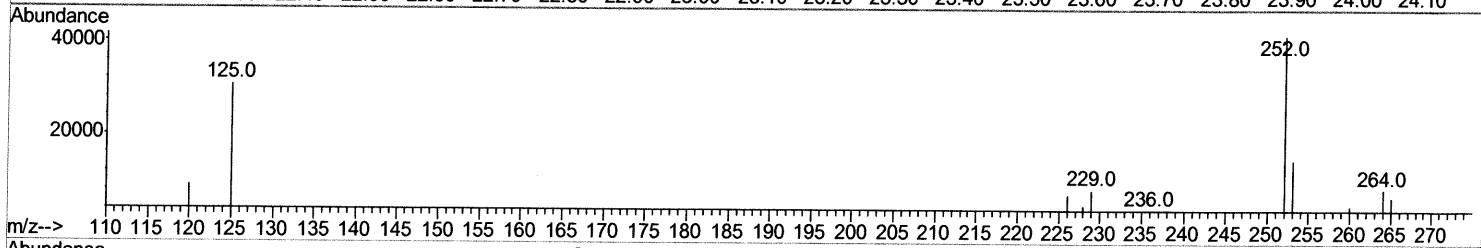
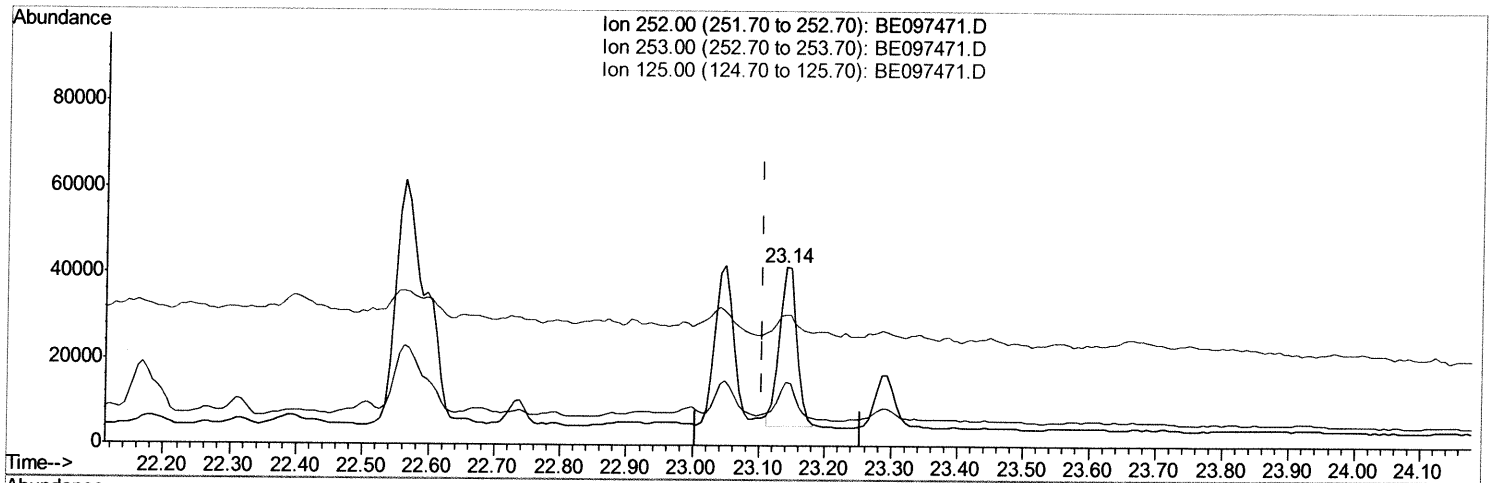
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.139min (+0.034) 2.66ng/ul m> SJ 9/18/18

response 70568

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	35.39
125.00	22.60	73.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

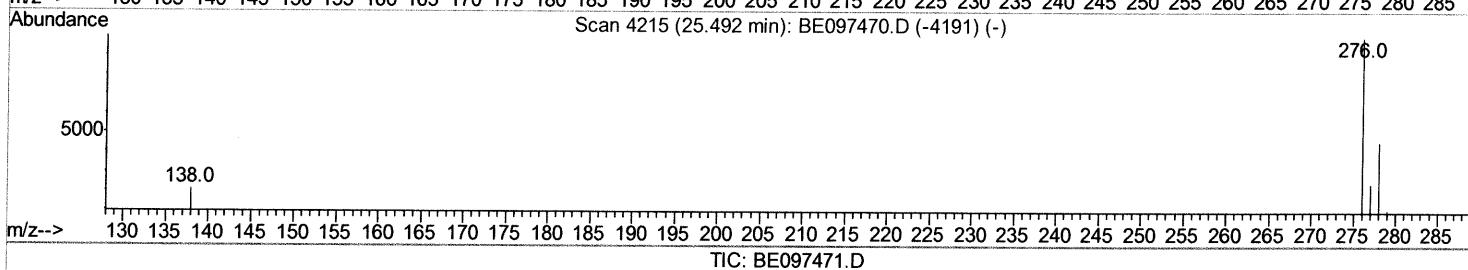
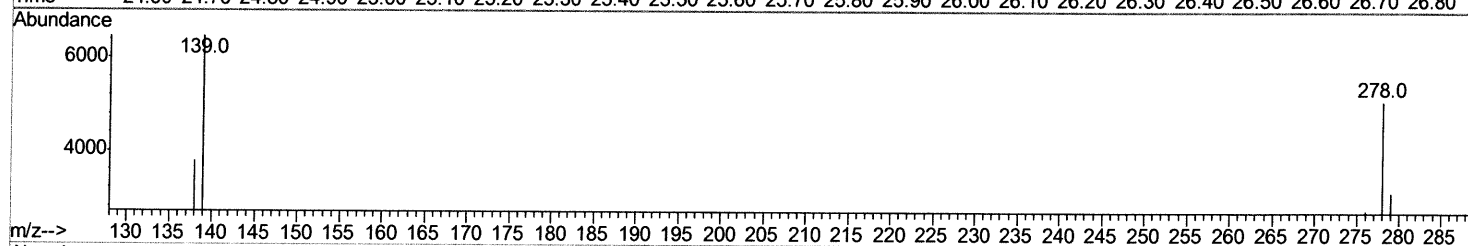
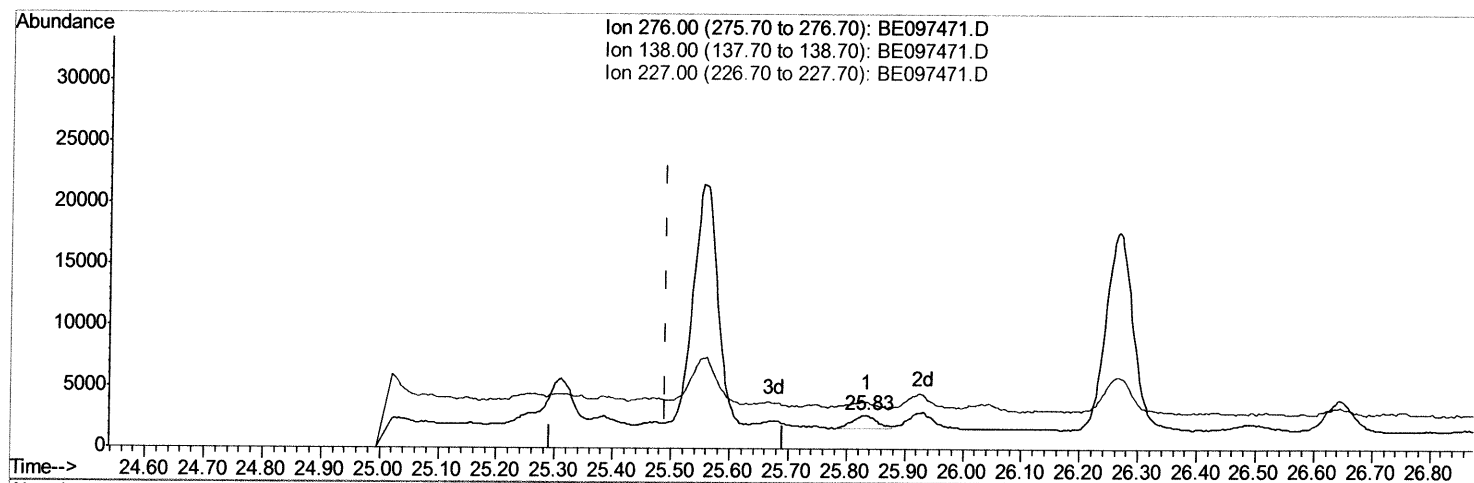
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



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

25.835min (+0.343) 0.09ng/ul

response 3238

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	39.93
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

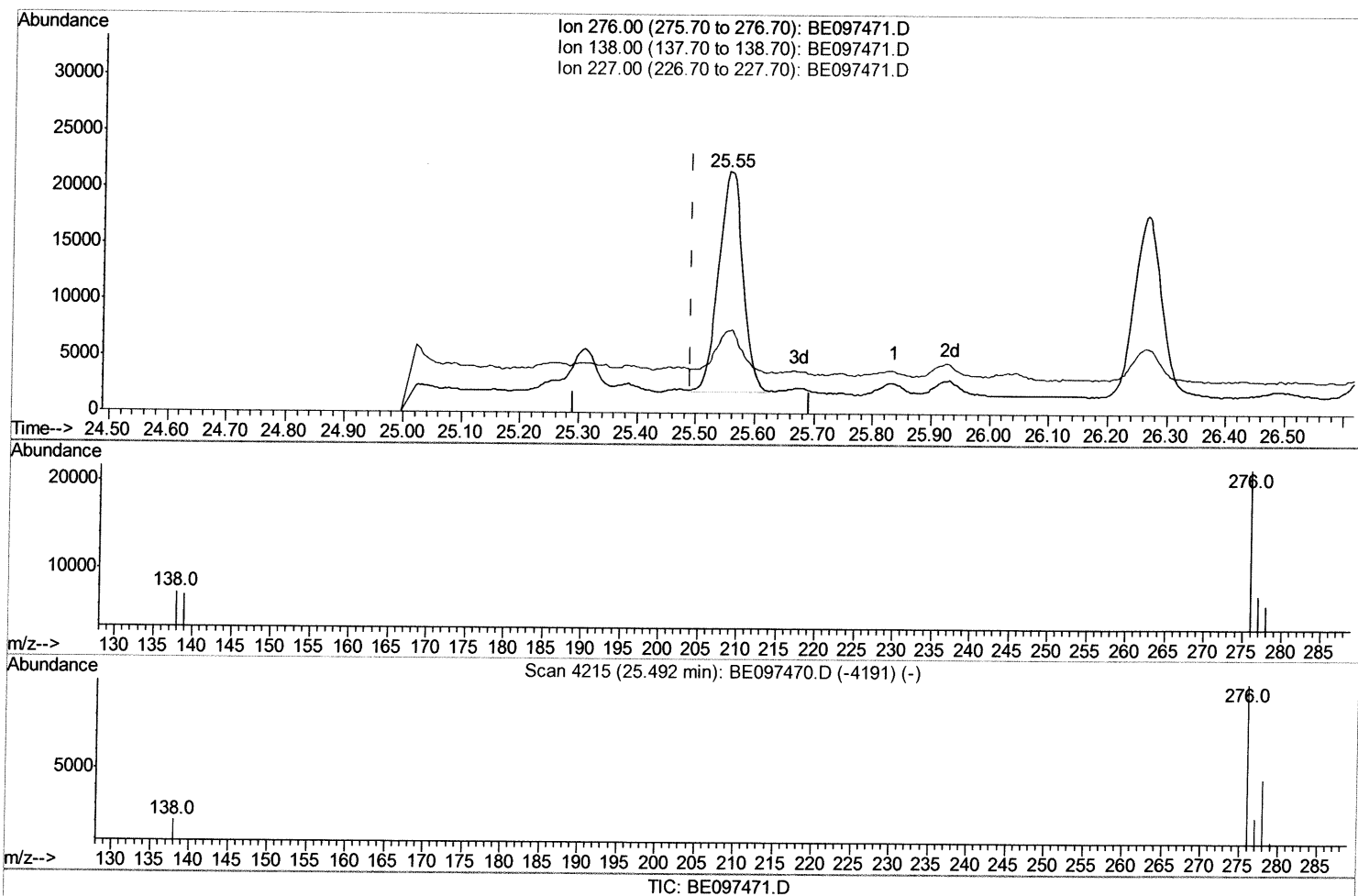
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



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

25.553min (+0.062) 1.65ng/ul m > SJ 9/18/18

response 56788

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.28#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

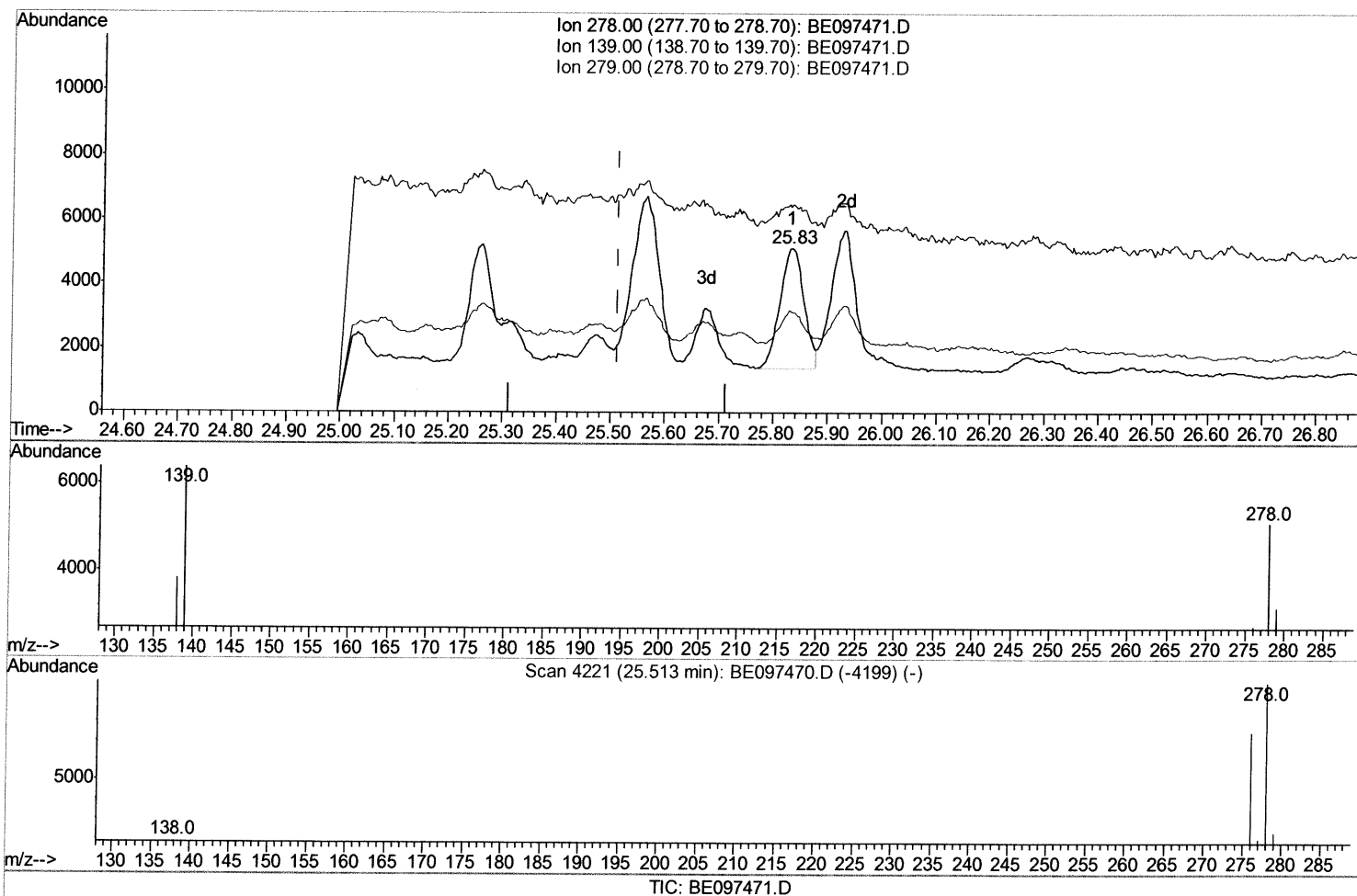
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.831min (+0.318) 0.39ng/ul

response 11358

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	124.97#
279.00	32.40	62.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

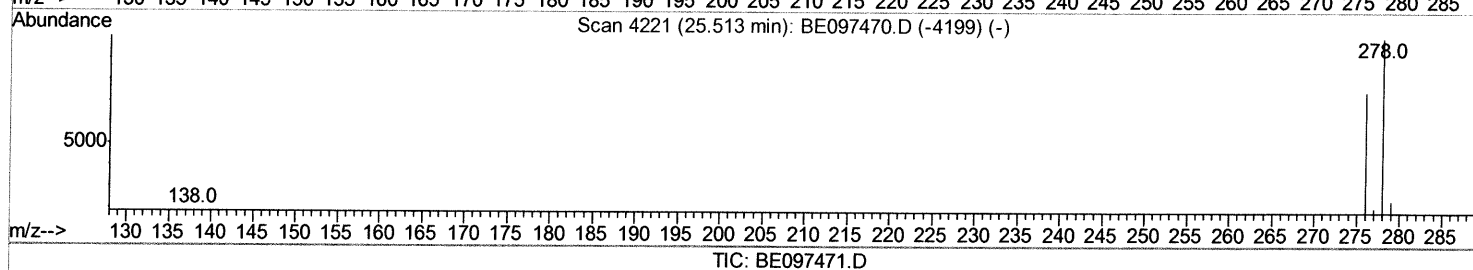
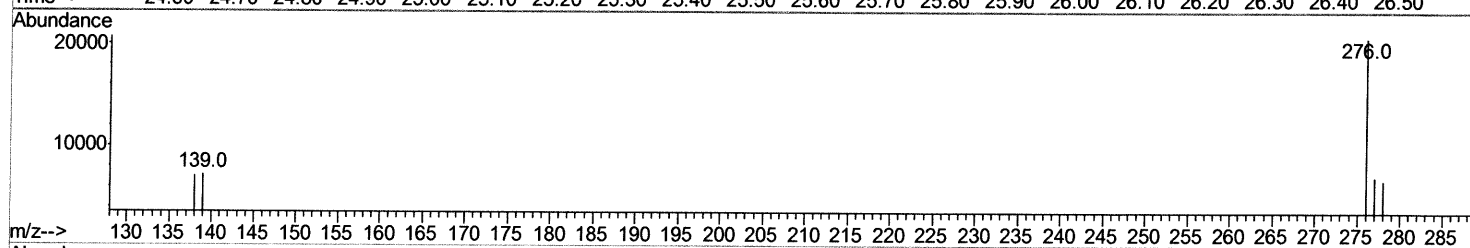
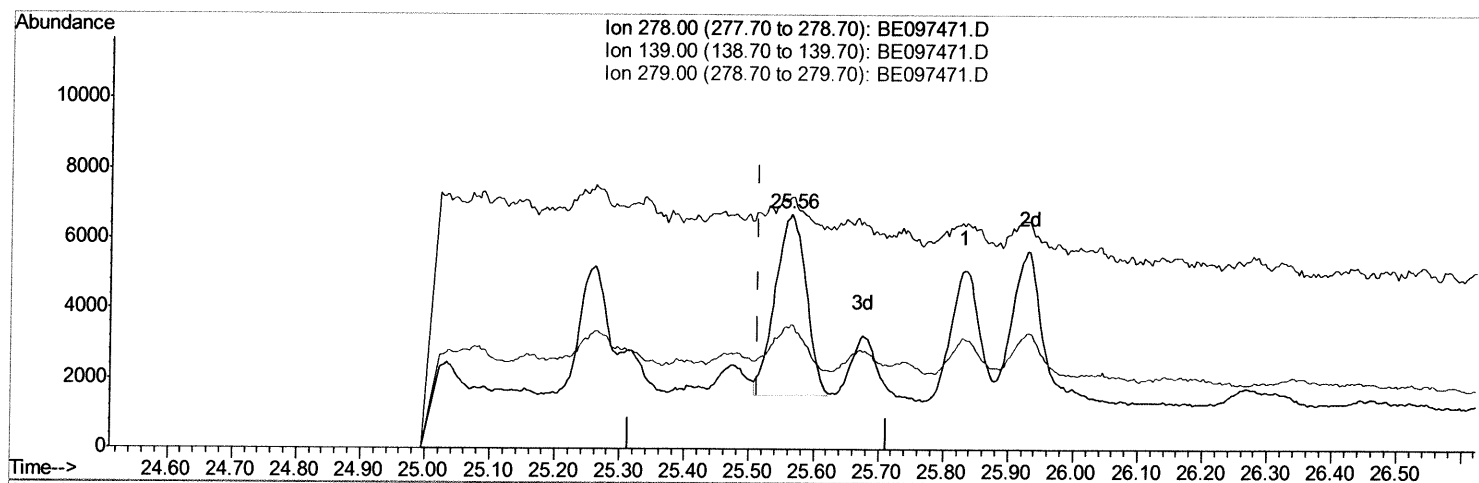
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.564min (+0.051) 0.59ng/ul m > 52 9/18/18

response 17186

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	107.27#
279.00	32.40	52.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

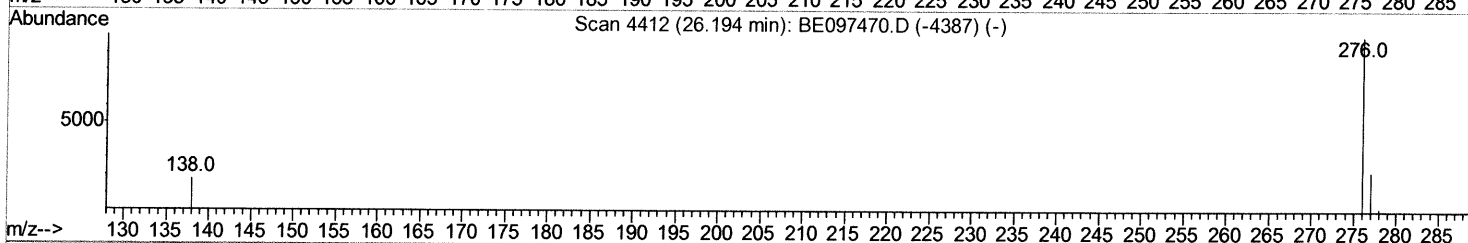
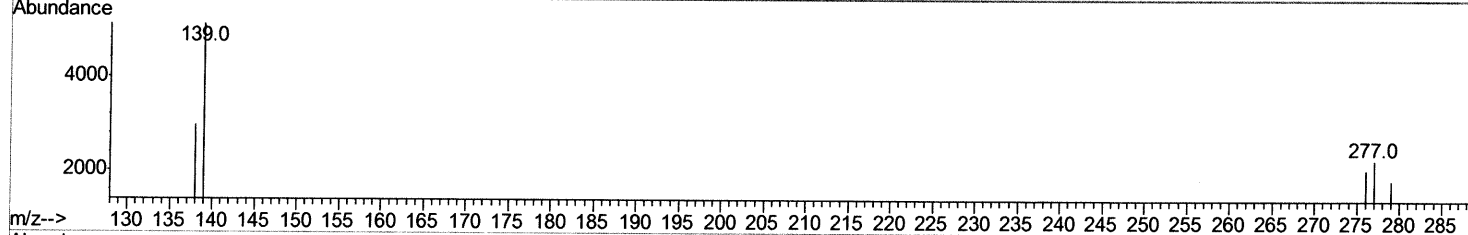
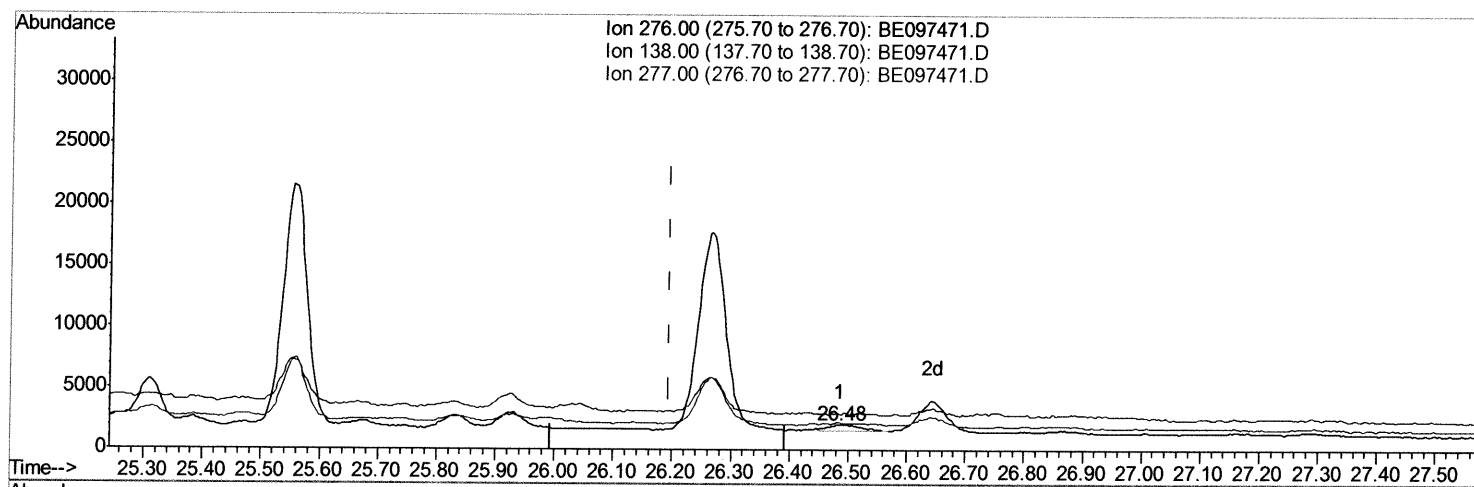
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097471.D
Acq On : 13 Sep 2018 3:40
Operator : SJ/JU
Sample : J4792-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



TIC: BE097471.D

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

26.484min (+0.290) 0.07ng/ul

response 1992

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	144.13#
277.00	25.60	109.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

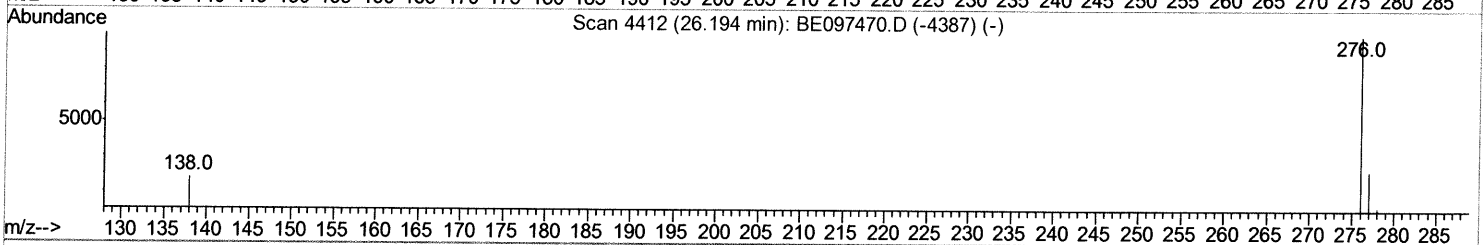
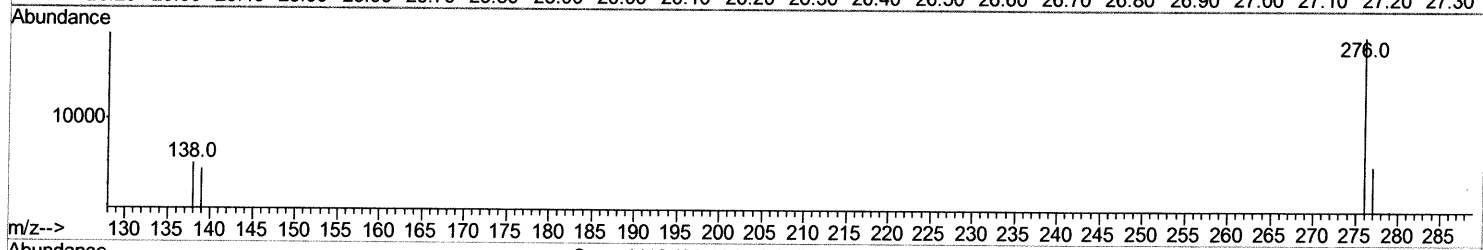
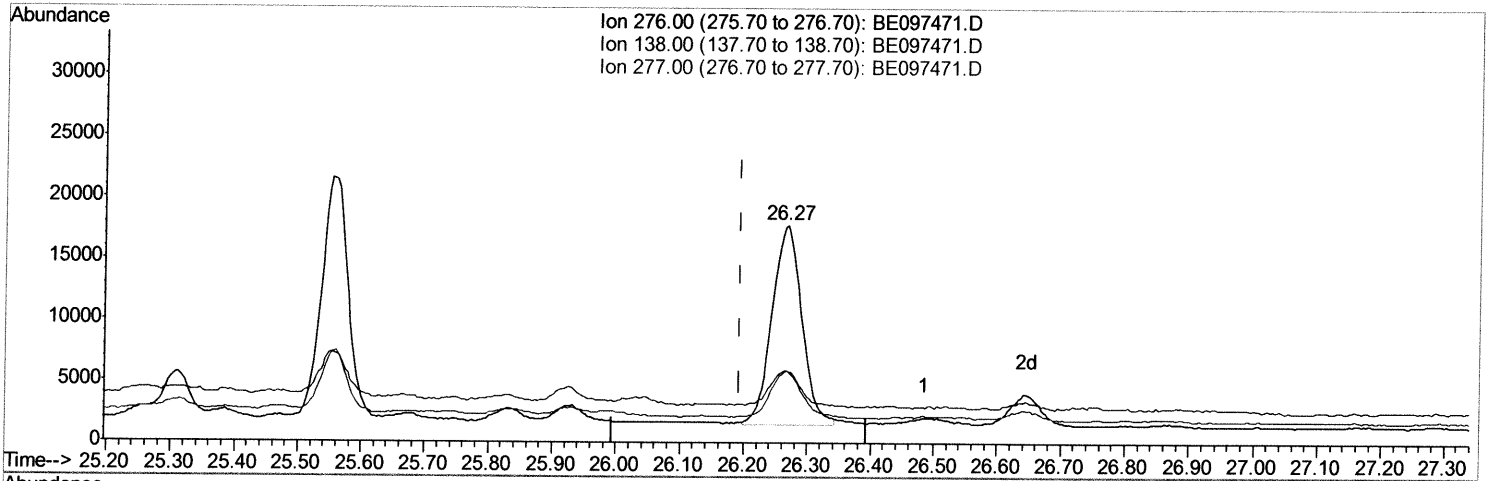
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:00:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



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

26.267min (+0.072) 1.80ng/ul m > SJ 9/18/18

response 52930

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	33.30#
277.00	25.60	33.36#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:02:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	7305	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	5237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	11561m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	10680m	0.40	ng/ul	0.02
20) Perylene-d12	23.24	264	10714m	0.40	ng/ul	0.04

SJ 9/14/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.72	152	3348	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9707m	0.25	ng/ul	0.00

SJ 9/14/18

Target Compounds

					Ovalue	
3) Naphthalene	10.16	128	14764	0.829	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	3066	0.272	ng/ul	97
7) Acenaphthylene	13.72	152	3022	0.158	ng/ul#	71
8) Acenaphthene	14.07	153	2417	0.147	ng/ul#	88
9) Fluorene	15.07	166	4560	0.243	ng/ul#	82
12) Phenanthrene	16.80	178	44046m	1.480	ng/ul	
13) Anthracene	16.90	178	13304m	0.532	ng/ul	
15) Fluoranthene	18.84	202	106989m	2.798	ng/ul	
17) Pyrene	19.21	202	144156m	5.016	ng/ul	
18) Benzo(a)anthracene	20.97	228	82610m	3.011	ng/ul	
19) Chrysene	21.02	228	109988m	3.480	ng/ul	
21) Benzo(b)fluoranthene	22.56	252	134641m	4.693	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	41264m	1.290	ng/ul	
23) Benzo(a)pyrene	23.14	252	70568m	2.659	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.55	276	56788m	1.651	ng/ul	
25) Dibenzo(a,h)anthracene	25.56	278	17186m	0.590	ng/ul	
26) Benzo(a,h,i)perylene	26.27	276	52930m	1.805	ng/ul	

SJ 9/14/18

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