

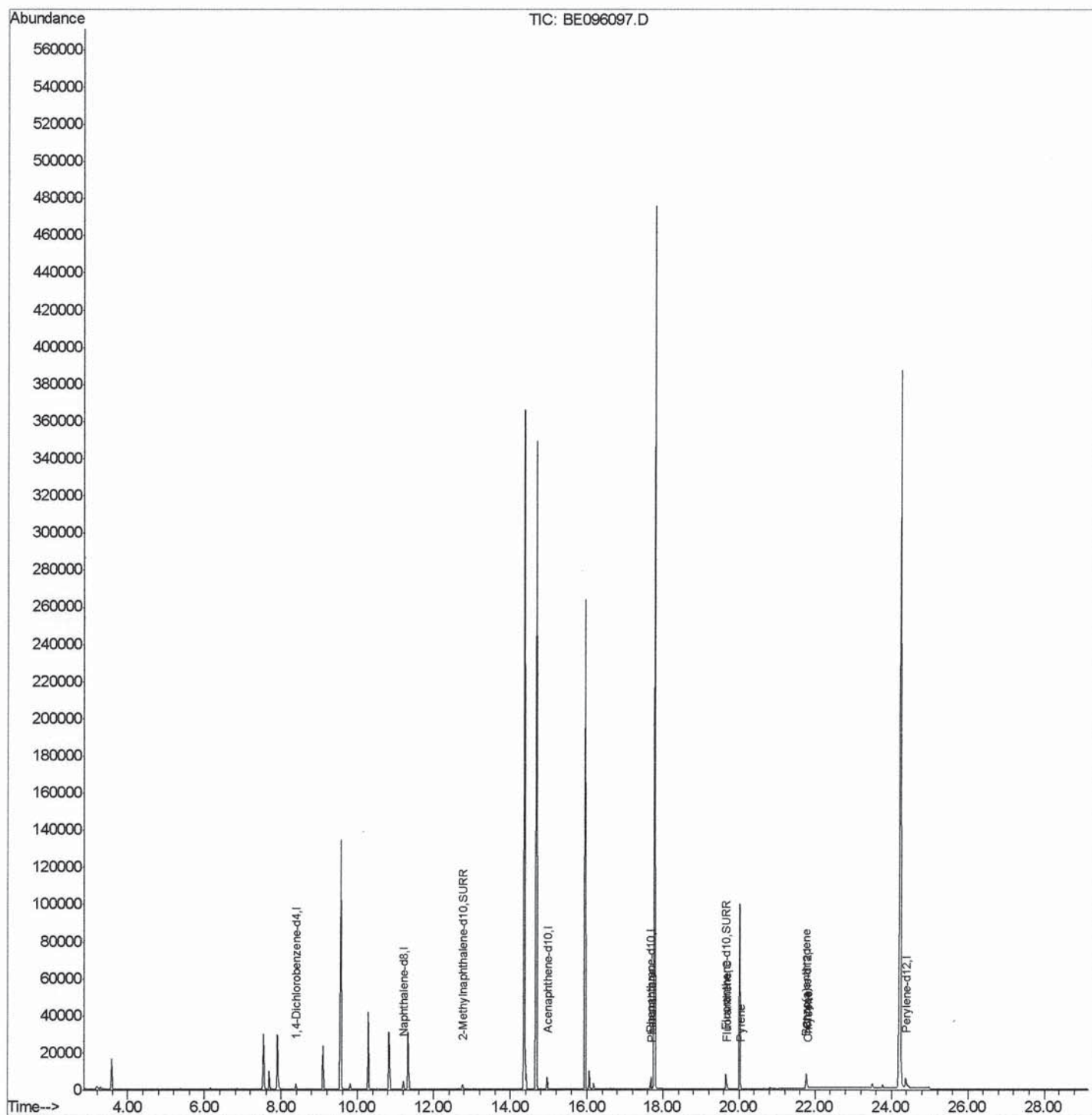
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096097.D
Acq On : 23 Apr 2018 22:26
Operator : SJ/JU
Sample : J2355-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y36

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:51:15 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



Quantitation Report (Qedit)

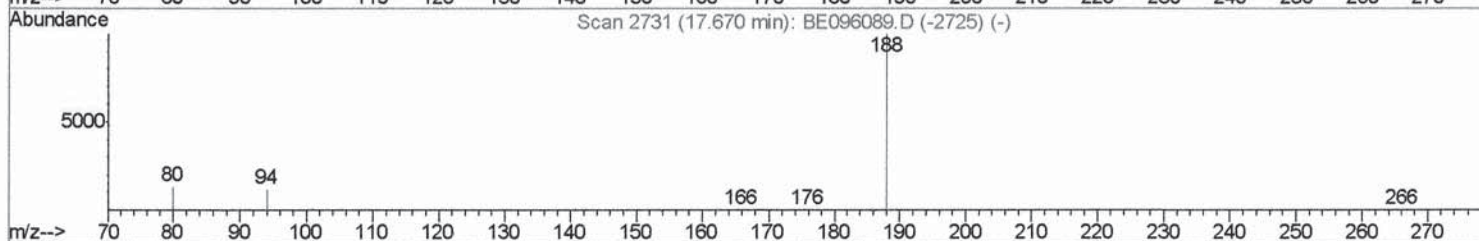
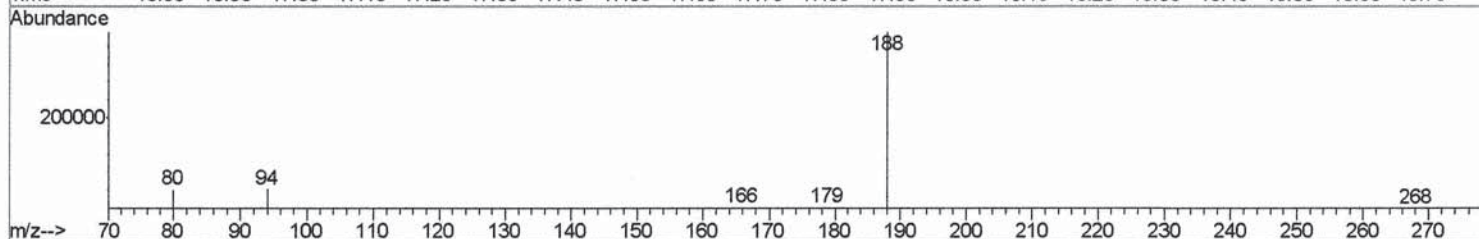
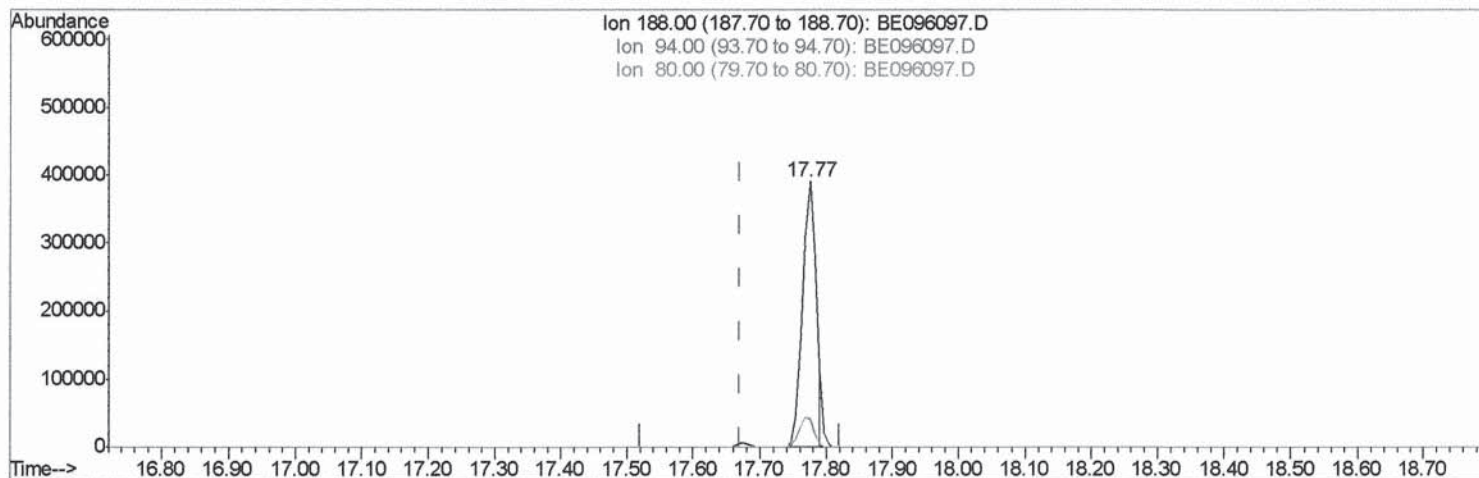
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:01:30 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



TIC: BE096097.D

(10) Phenanthrene-d10 (I)

17.775min (+0.105) 0.40ng/ul

response 551305

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.94
80.00	11.80	10.43
0.00	0.00	0.00

Quantitation Report (Qedit)

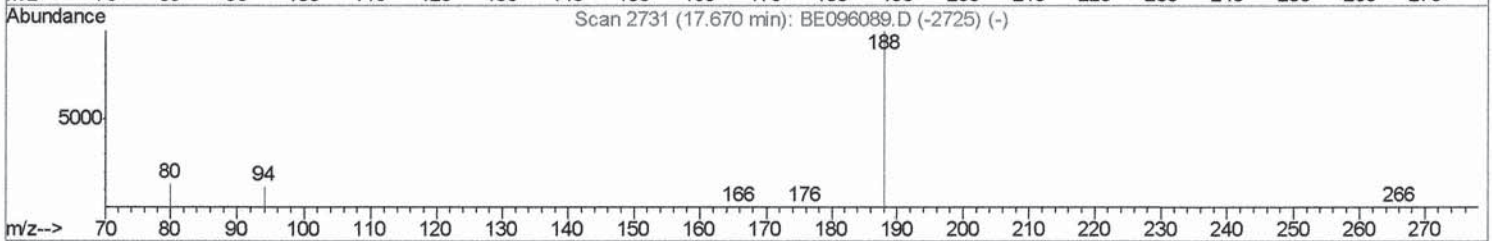
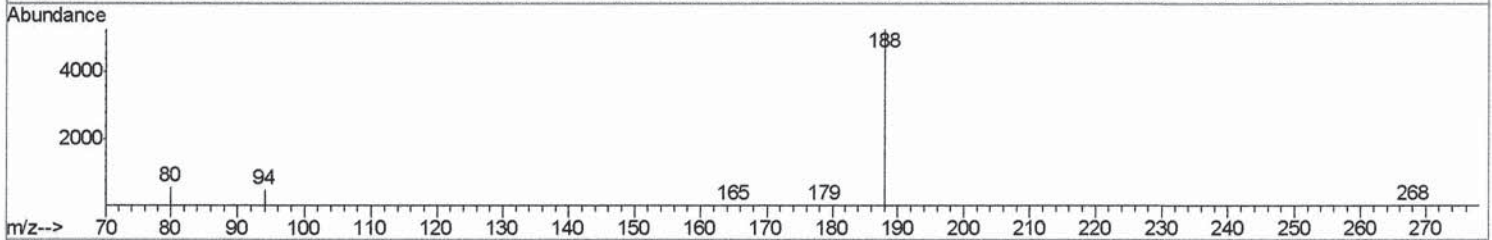
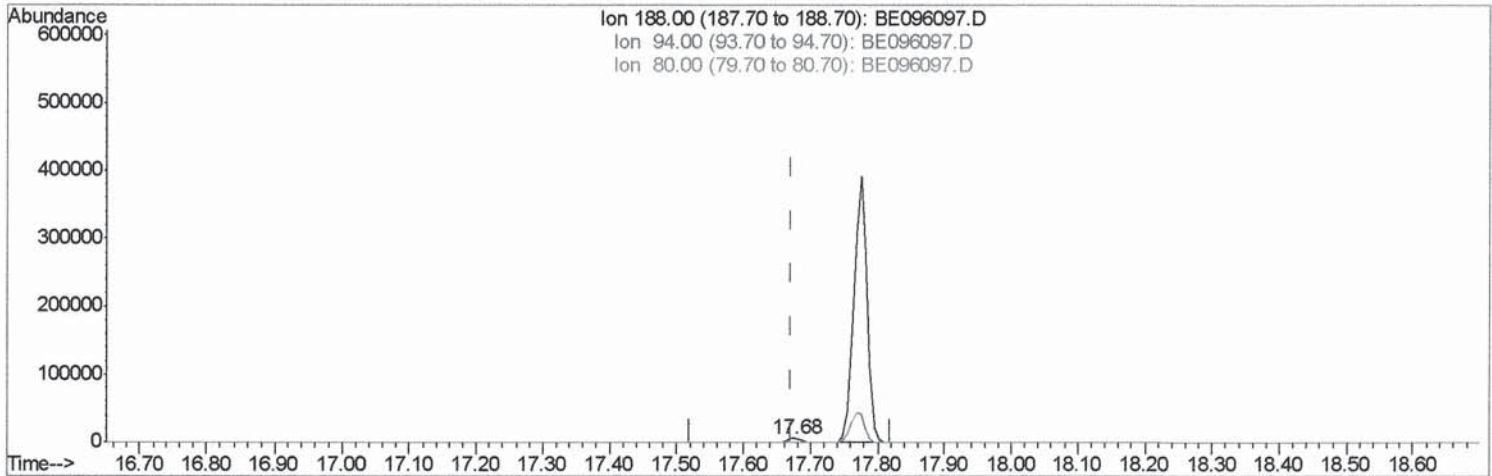
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:01:30 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



TIC: BE096097.D

(10) Phenanthrene-d10 (I)

17.676min (+0.006) 0.40ng/ul m> SJ 4/24/18

response 7451

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.80
80.00	11.80	11.09
0.00	0.00	0.00

Quantitation Report (Qedit)

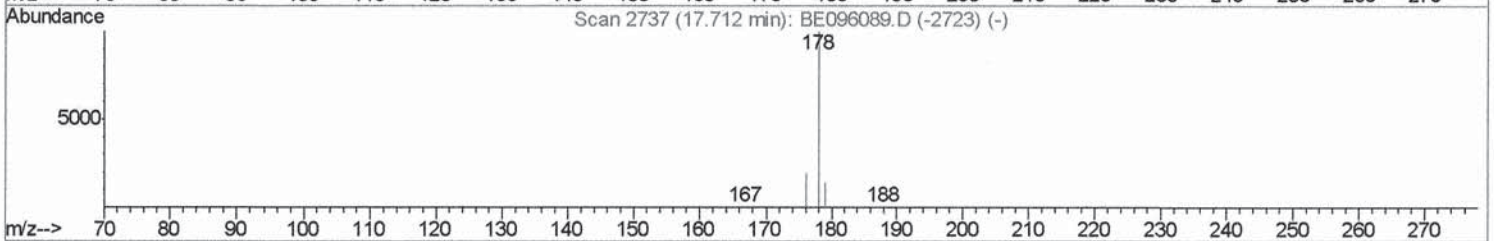
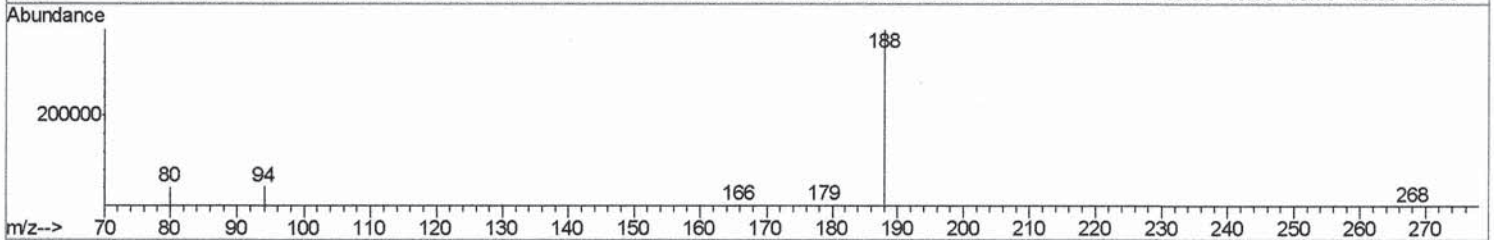
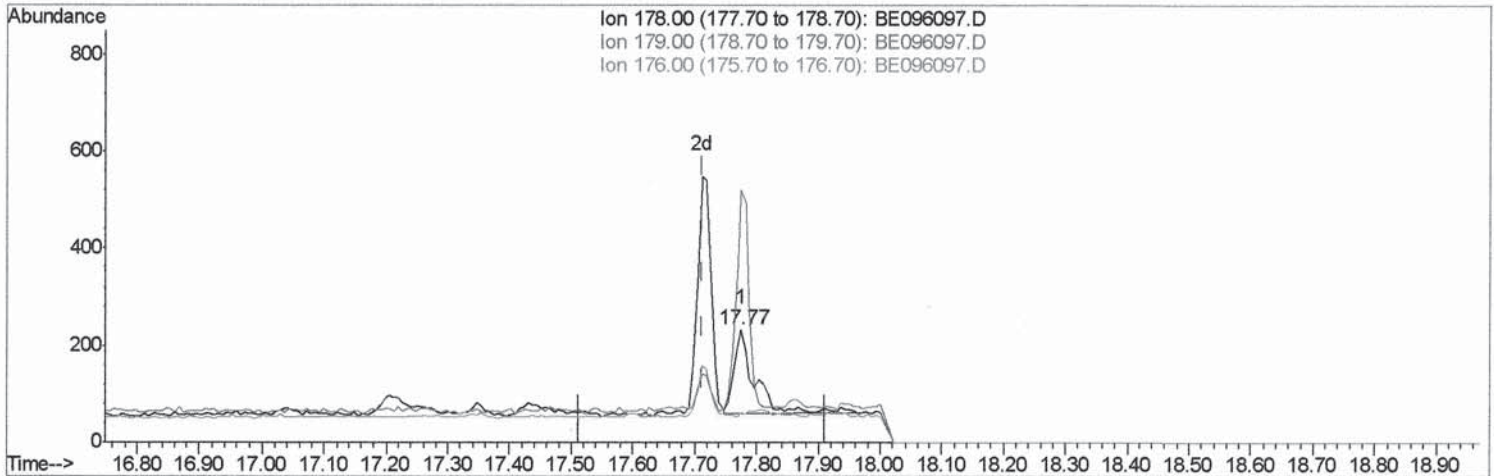
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:47:48 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



TIC: BE096097.D

(12) Phenanthrene

17.775min (+0.062) 0.02ng/ul

response 402

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	224.57#
176.00	17.00	27.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

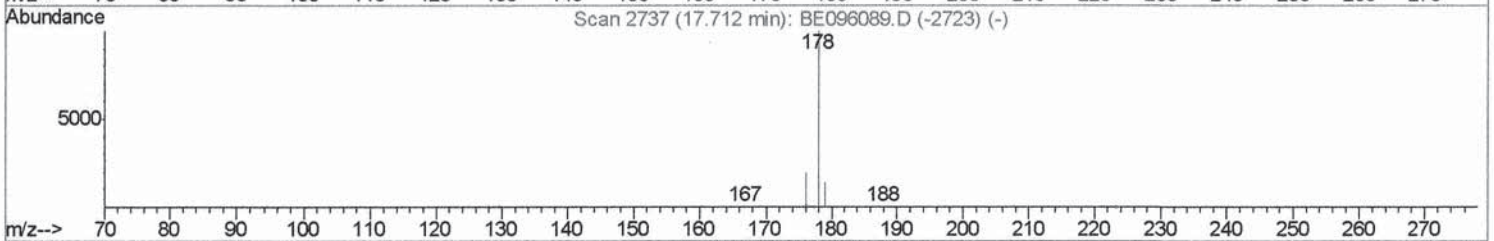
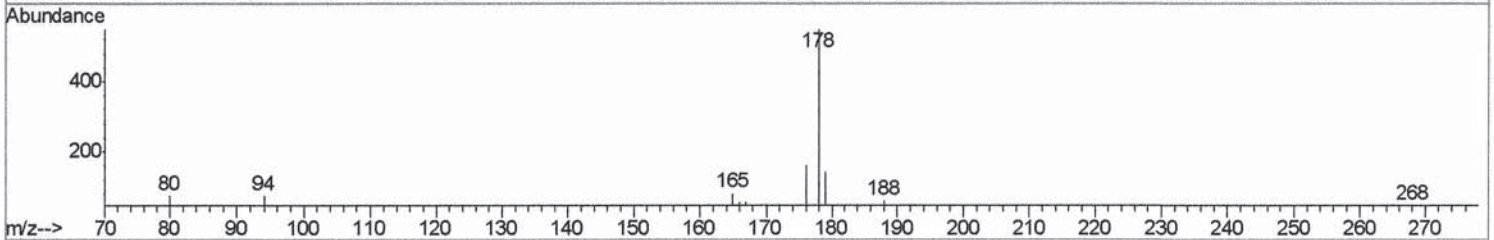
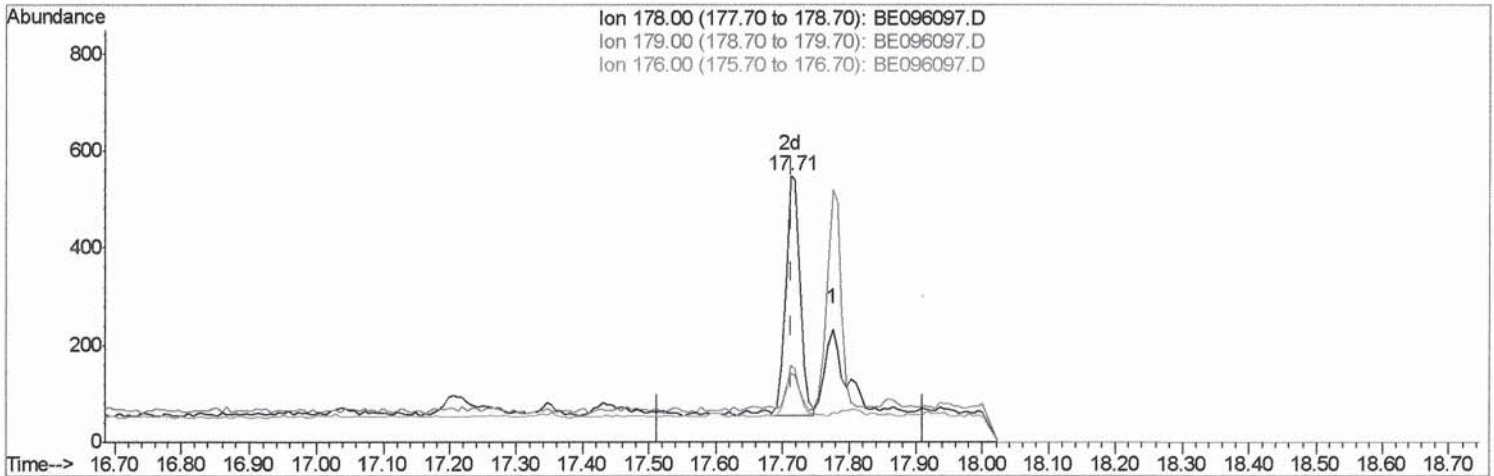
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:47:48 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



TIC: BE096097.D

(12) Phenanthrene

17.712min (-0.001) 0.03ng/ul m> SJ 4/24/18

response 765

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	26.09
176.00	17.00	29.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

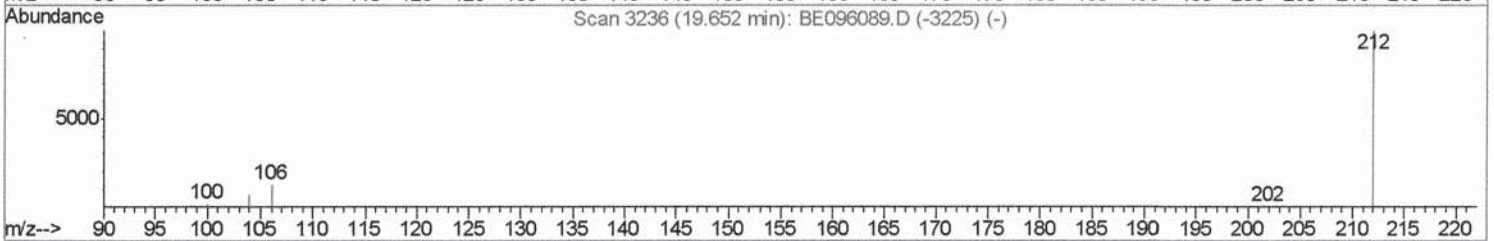
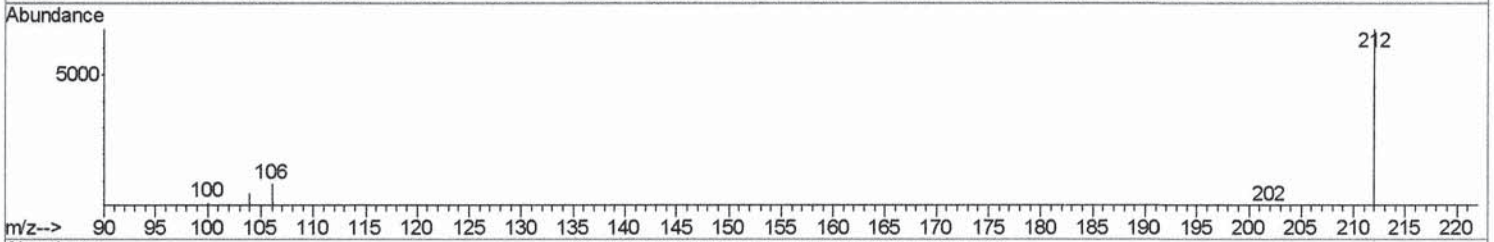
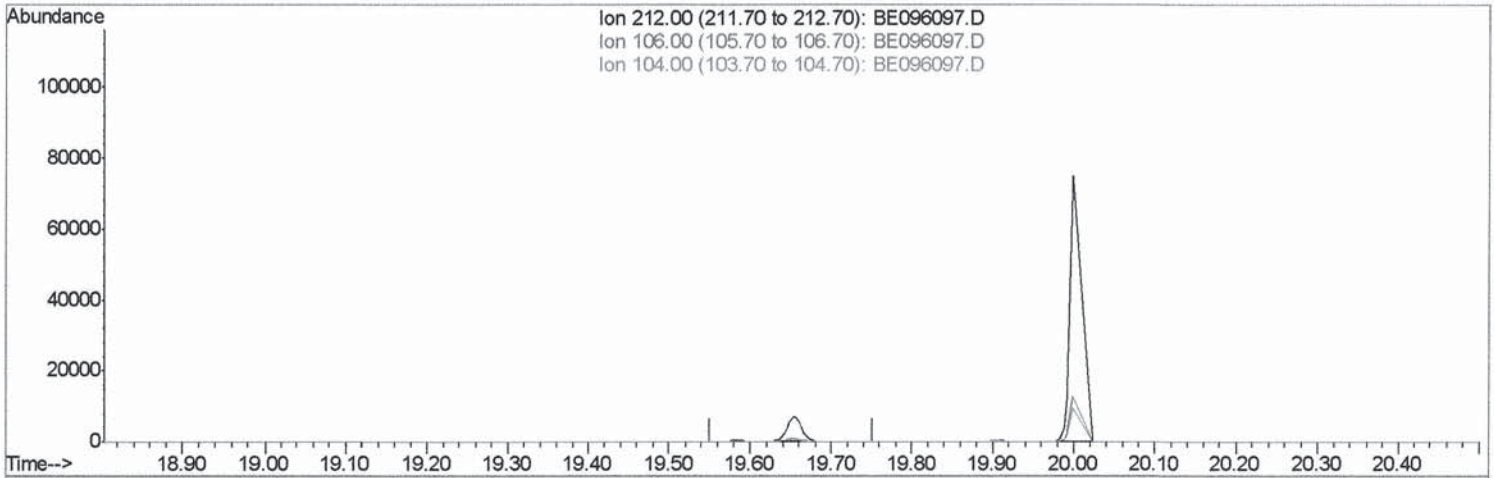
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:48:47 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)

19.652min (-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)

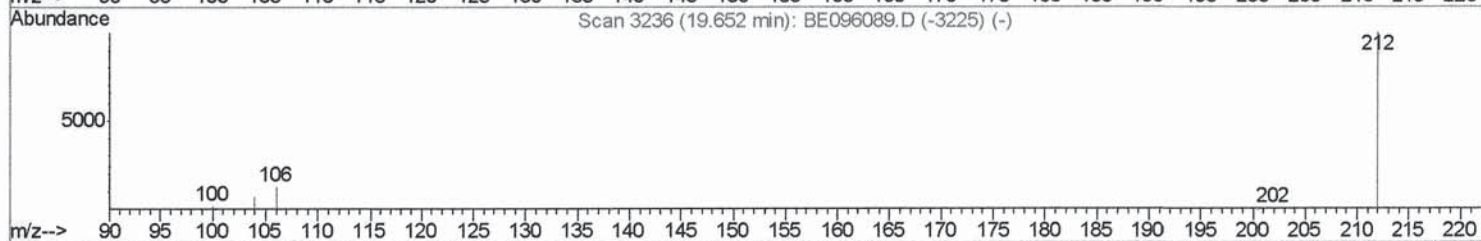
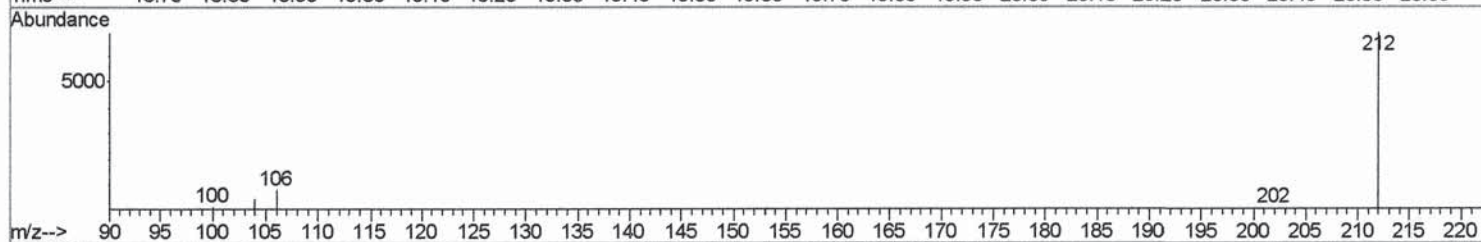
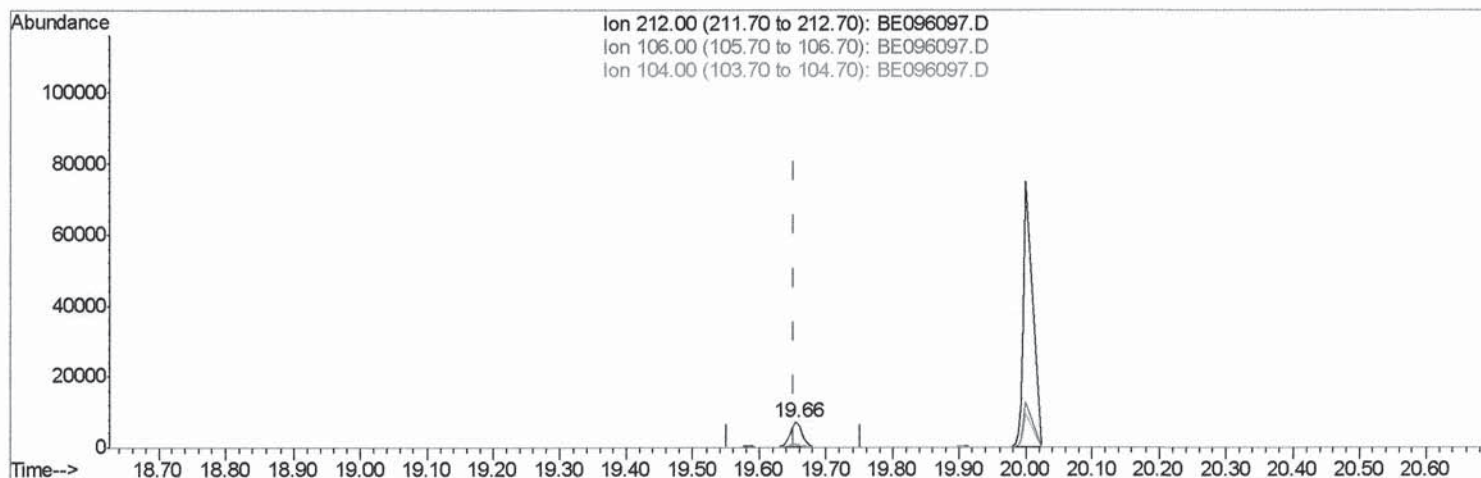
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:48:47 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



TIC: BE096097.D

(14) Fluoranthene-d10 (SURR)

19.656min (+0.004) 0.29ng/ul m > 52 4/24/18

response 8932

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

Quantitation Report (Qedit)

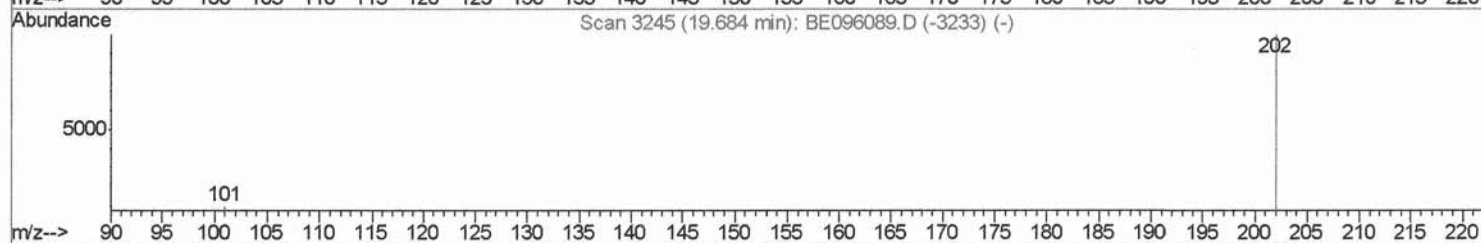
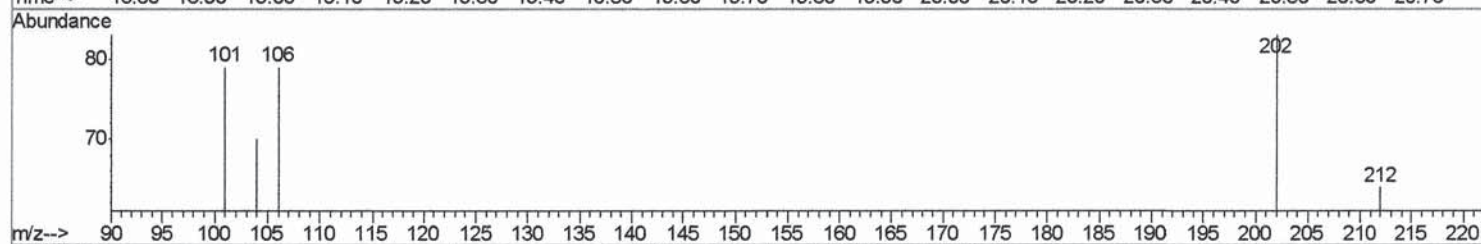
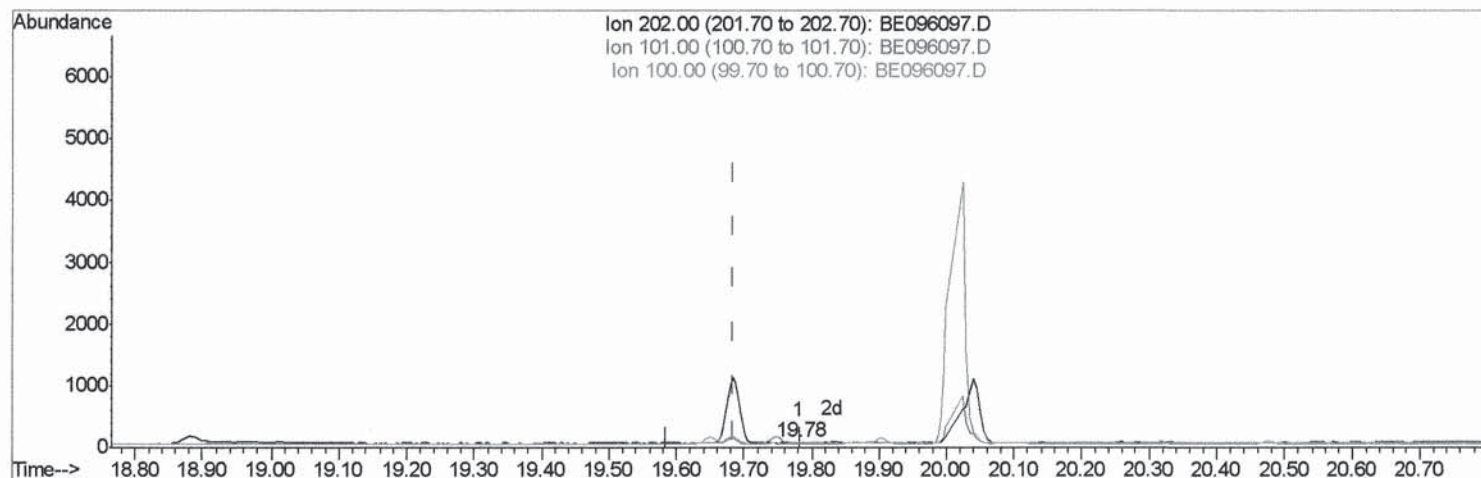
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096097.D
Acq On : 23 Apr 2018 22:26
Operator : SJ/JU
Sample : J2355-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y36

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:48:47 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



TIC: BE096097.D

(15) Fluoranthene (C)

19.781min (+0.096) 0.00ng/ul

response 13

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	95.18#
100.00	19.50	73.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

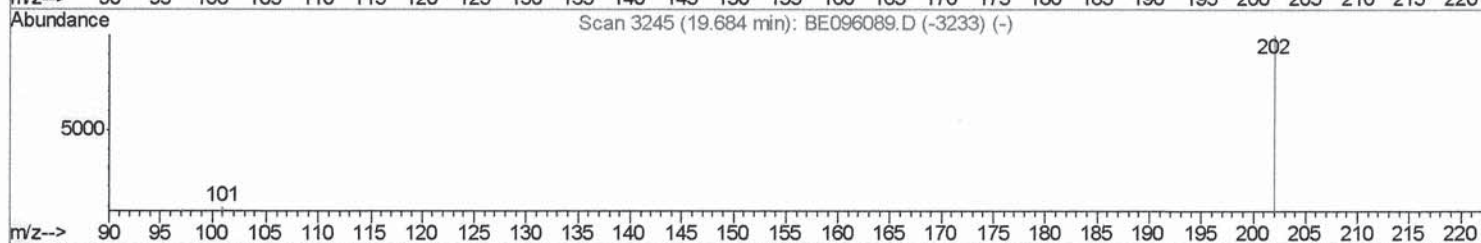
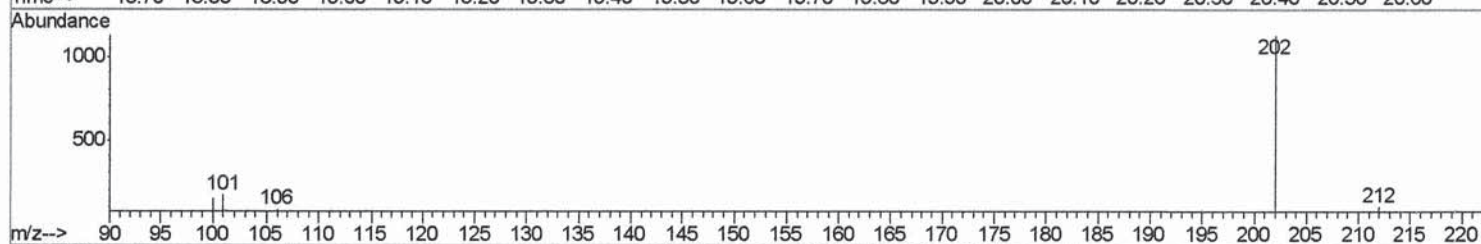
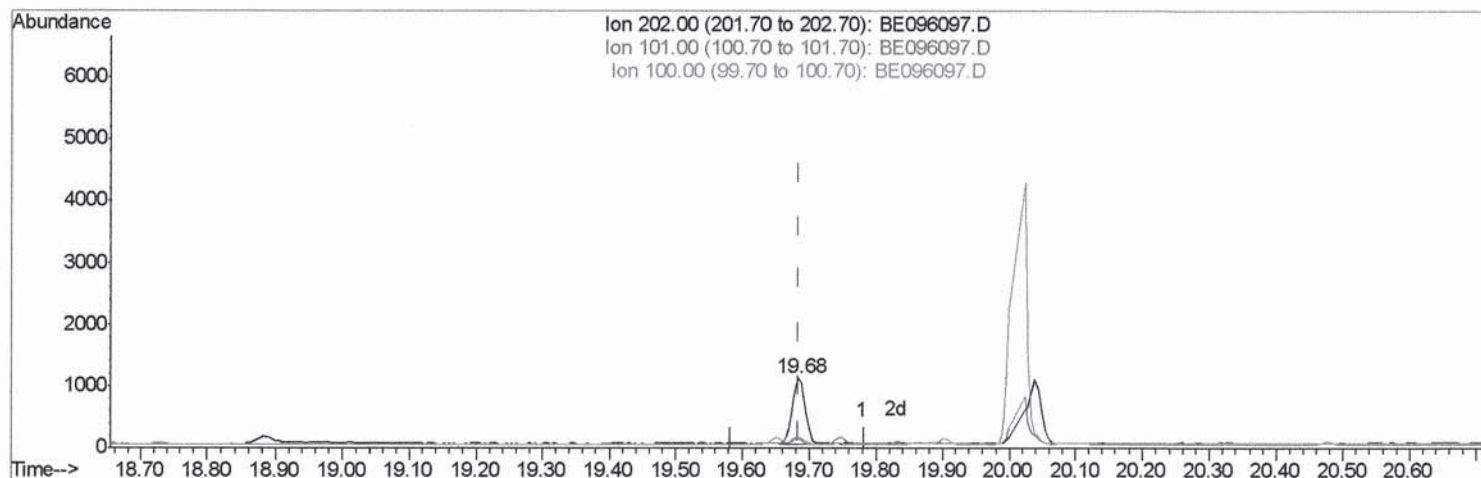
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:48:47 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



TIC: BE096097.D

(15) Fluoranthene (C)

19.684min (+0.000) 0.05ng/ul m> SJ 4/24/18

response 1464

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	15.00
100.00	19.50	13.22
0.00	0.00	0.00

Quantitation Report (Qedit)

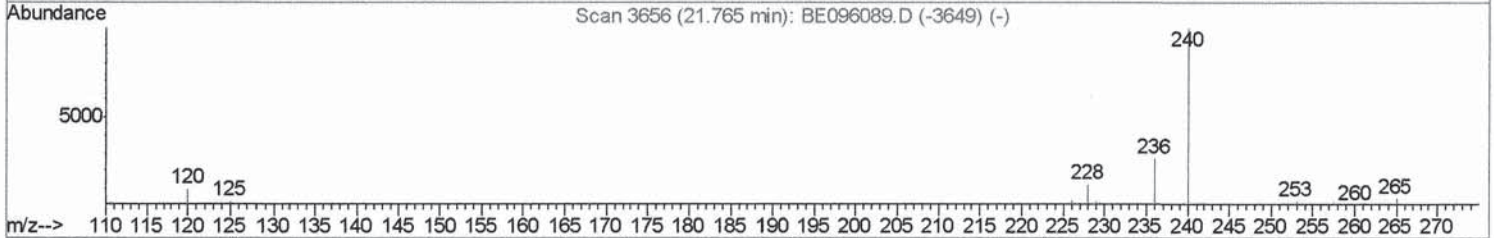
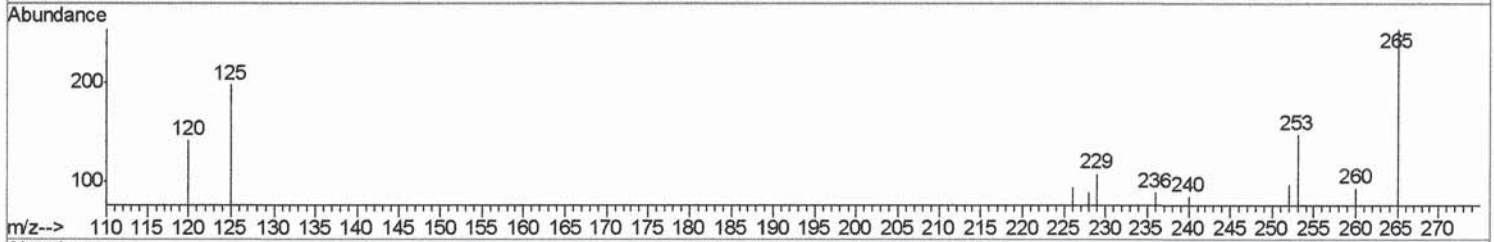
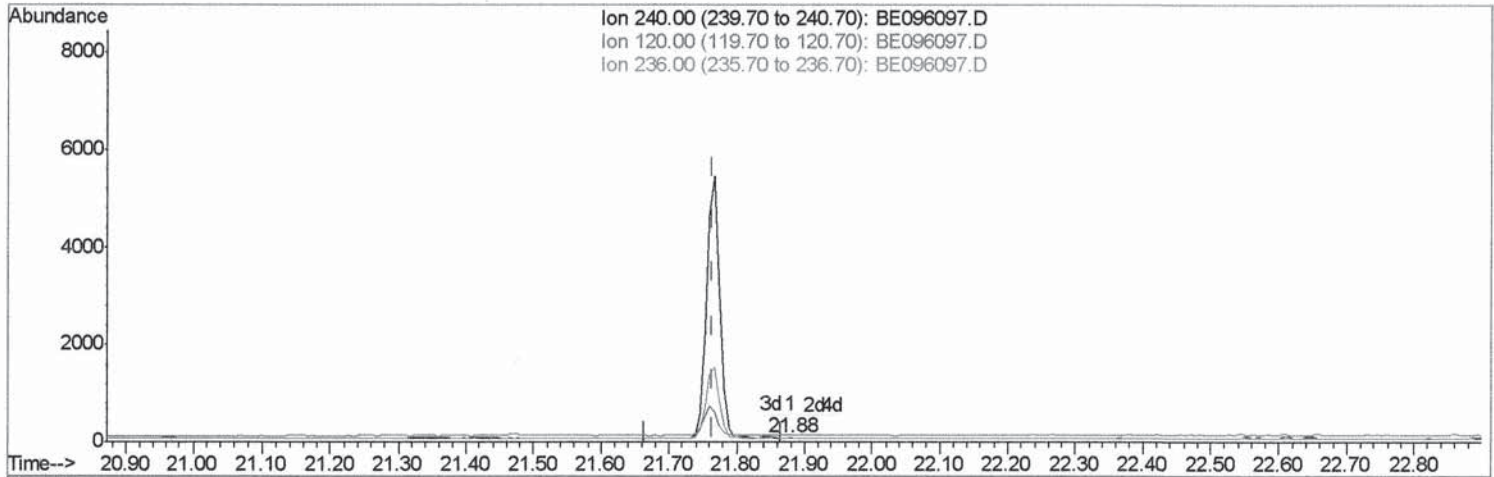
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:48:47 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



TIC: BE096097.D

(16) Chrysene-d12 (I)
 21.879min (+0.114) 0.40ng/ul
 response 6

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	165.88#
236.00	34.90	104.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

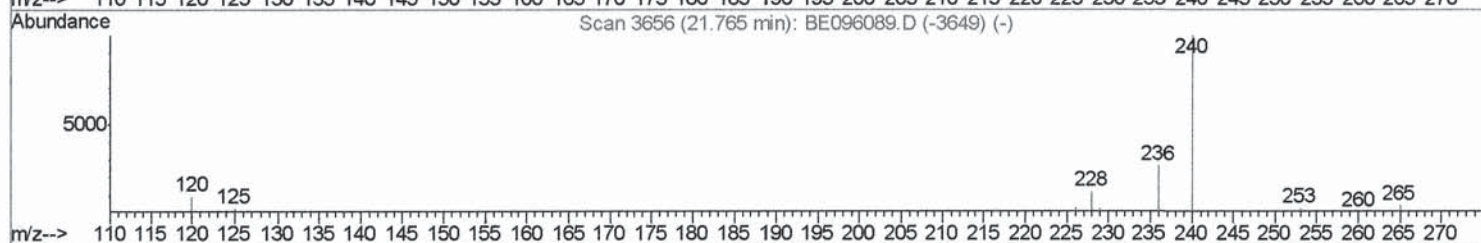
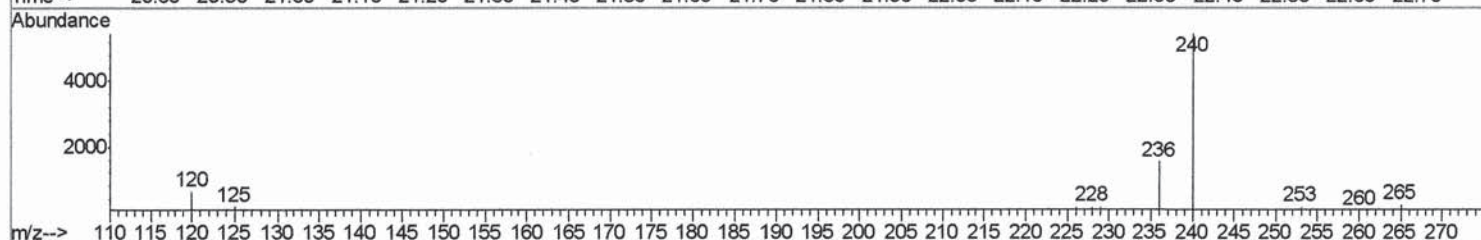
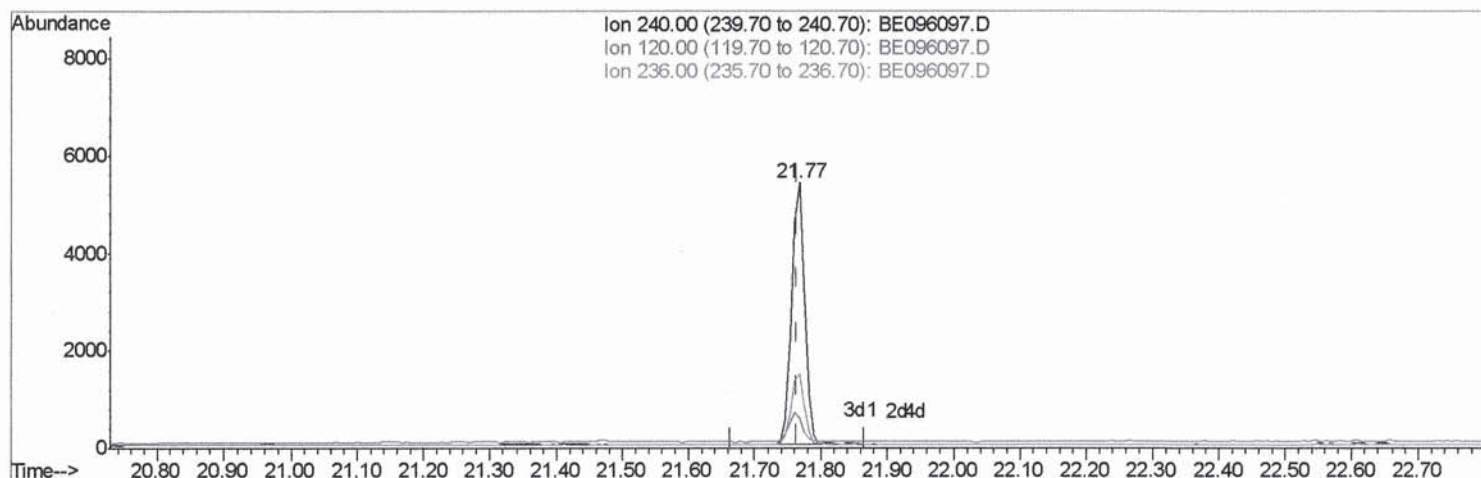
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:48:47 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



TIC: BE096097.D

(16) Chrysene-d12 (I)

21.767min (+0.002) 0.40ng/ul m > SJ 4/24/18

response 7189

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.55#
236.00	34.90	28.28
0.00	0.00	0.00

Quantitation Report (Qedit)

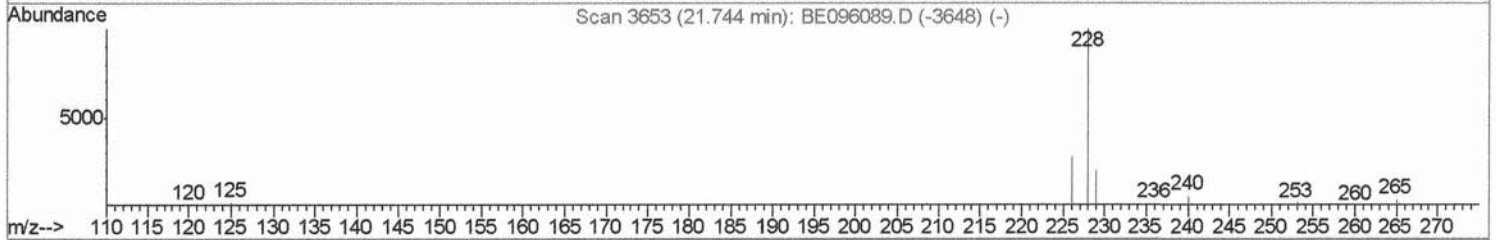
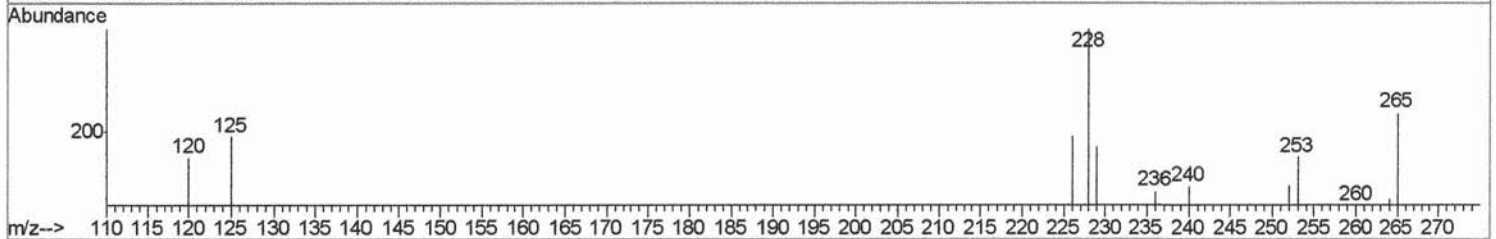
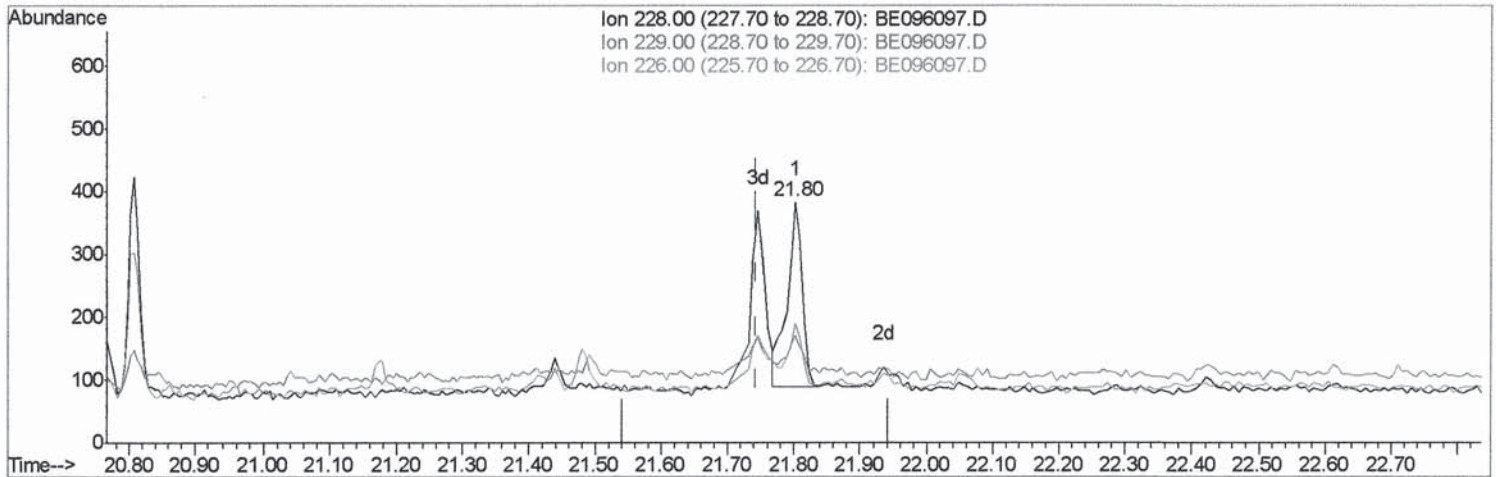
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:49:49 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



TIC: BE096097.D

(18) Benzo(a)anthracene
 21.802min (+0.058) 0.02ng/ul
 response 482

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	44.65#
226.00	21.30	49.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

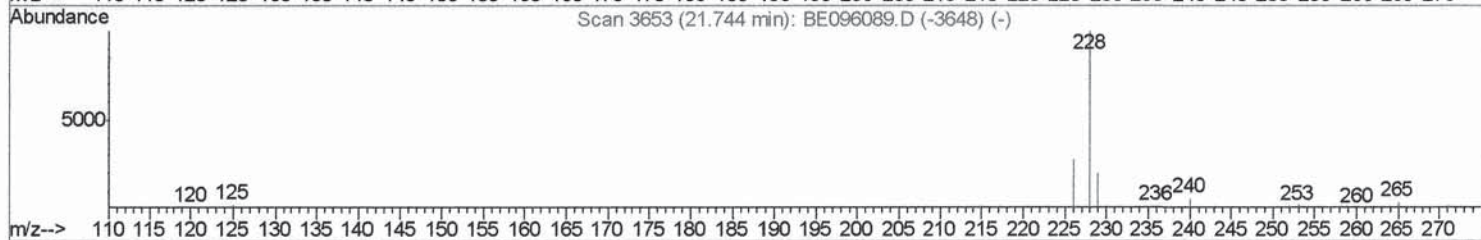
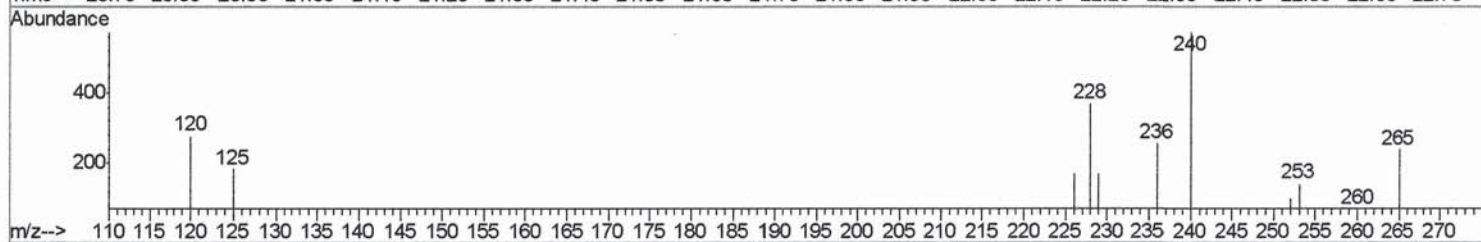
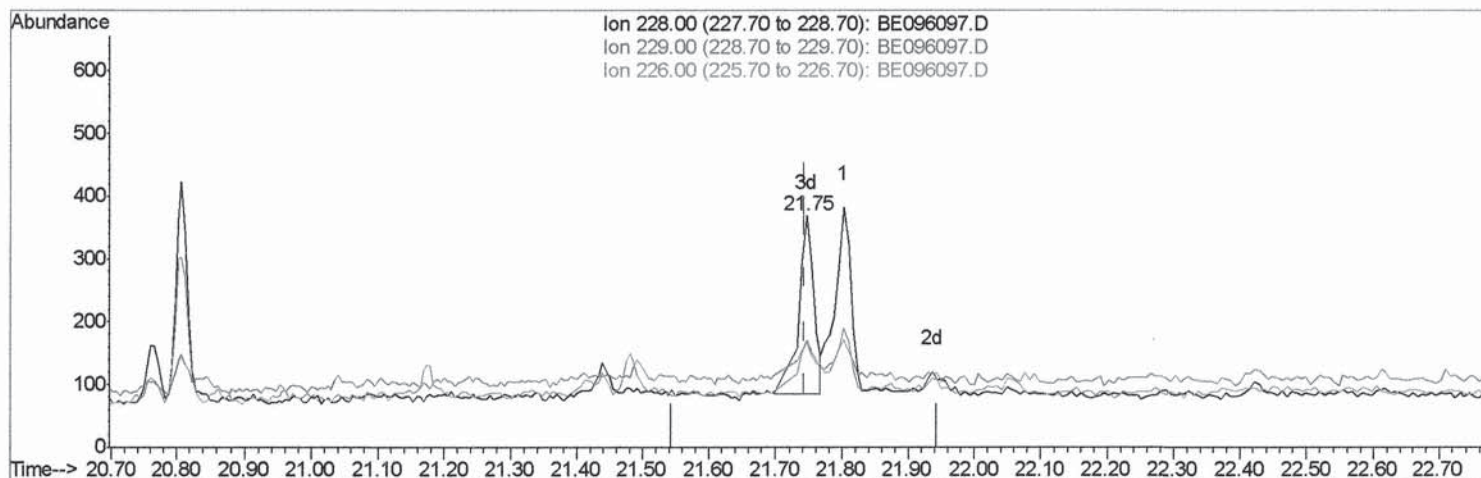
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:49:49 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



TIC: BE096097.D

(18) Benzo(a)anthracene

21.746min (+0.002) 0.02ng/ul m

response 646

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	46.61#
226.00	21.30	45.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

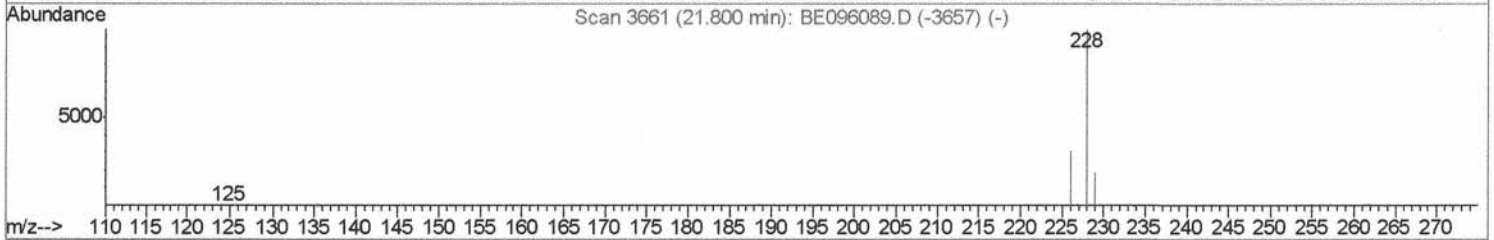
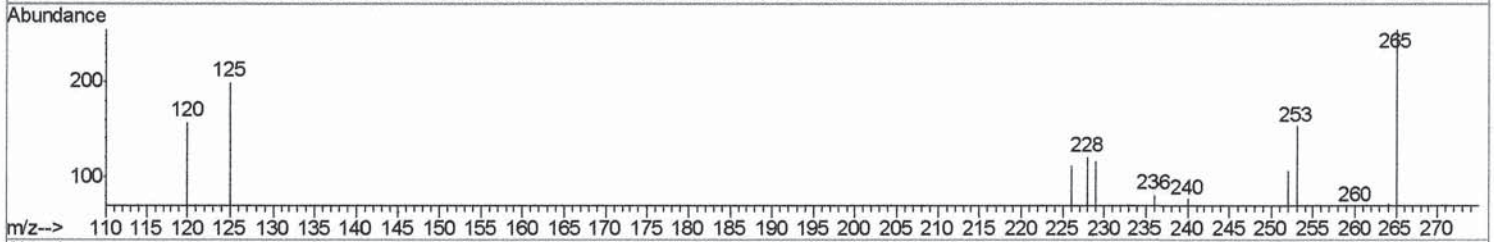
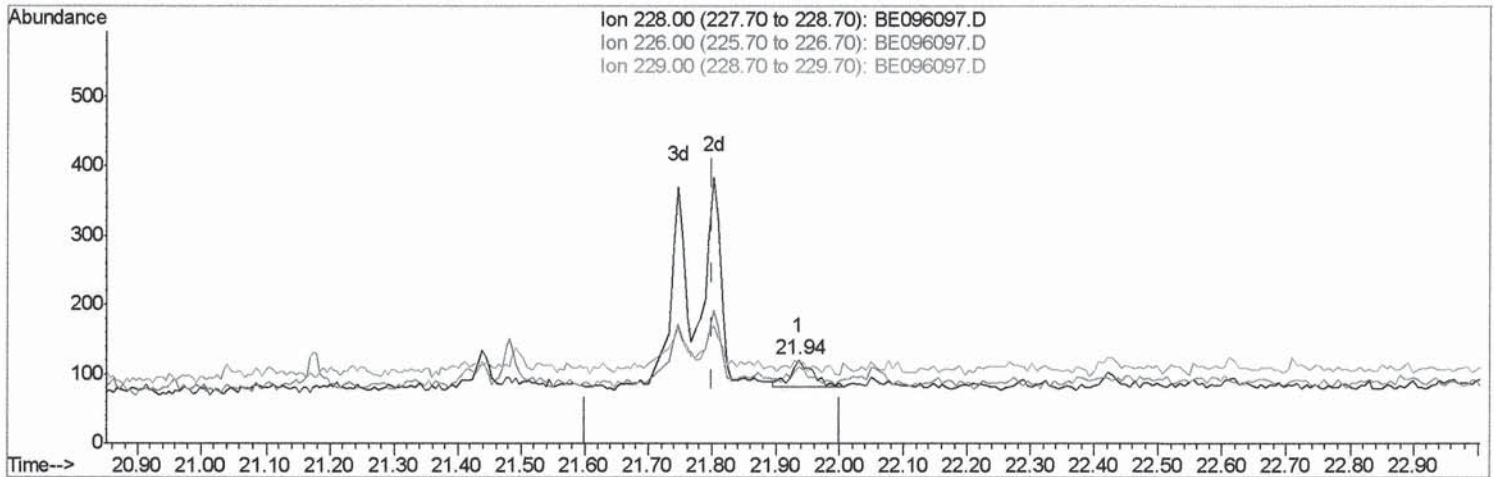
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:49:49 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



TIC: BE096097.D

(19) Chrysene

21.936min (+0.135) 0.00ng/ul

response 92

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	92.56#
229.00	22.10	96.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

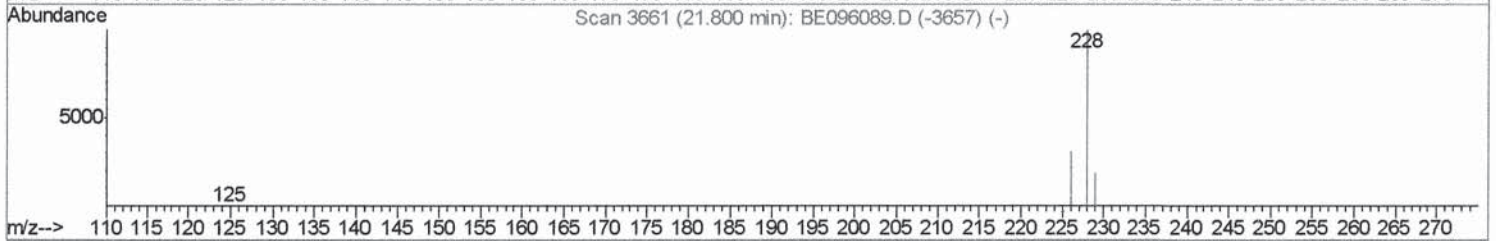
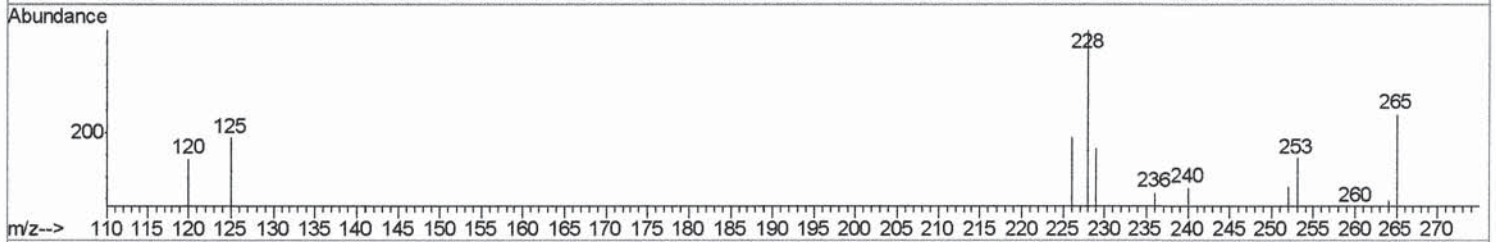
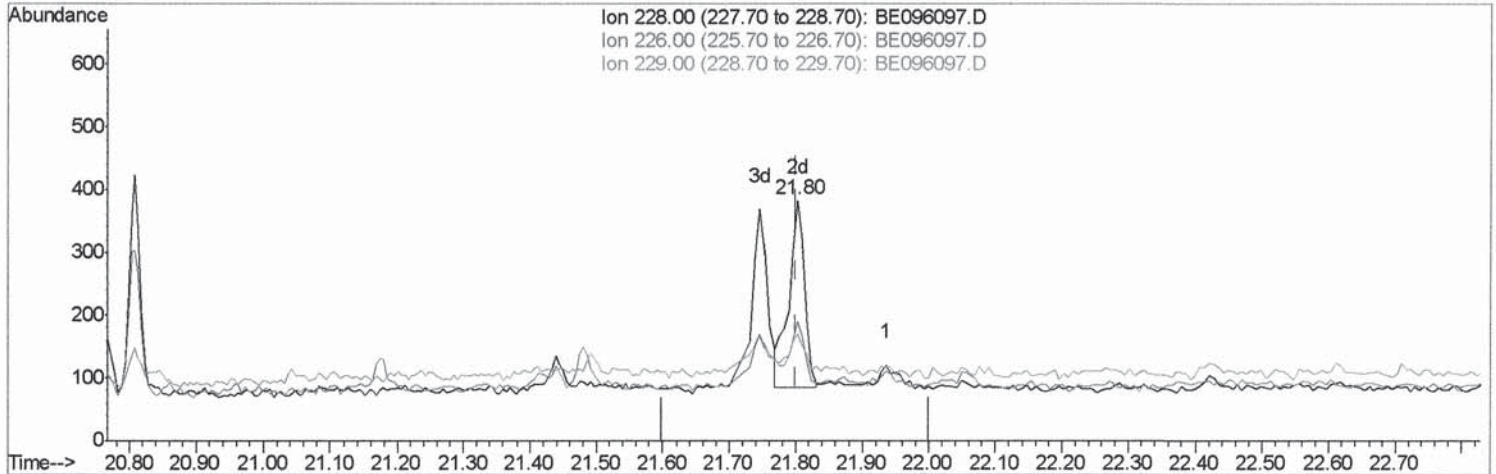
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096097.D
 Acq On : 23 Apr 2018 22:26
 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:49:49 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



TIC: BE096097.D

(19) Chrysene

21.802min (+0.002) 0.02ng/ul m > SJ 4/24/18

response 501

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	49.87#
229.00	22.10	44.65#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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 Operator : SJ/JU
 Sample : J2355-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y36

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:53 PM

Quant Time: Apr 24 07:51:15 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	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5794	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3531	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7451m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7189m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8620	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3310	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	8932m	0.29	ng/ul	0.00
Target Compounds						
				Ovalue		
12) Phenanthrene	17.71	178	765m	0.035	ng/ul	
15) Fluoranthene	19.68	202	1464m	0.049	ng/ul	
17) Pyrene	20.04	202	1703	0.070	ng/ul	93
18) Benzo(a)anthracene	21.75	228	646m	0.022	ng/ul	
19) Chrysene	21.80	228	501m	0.024	ng/ul	

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