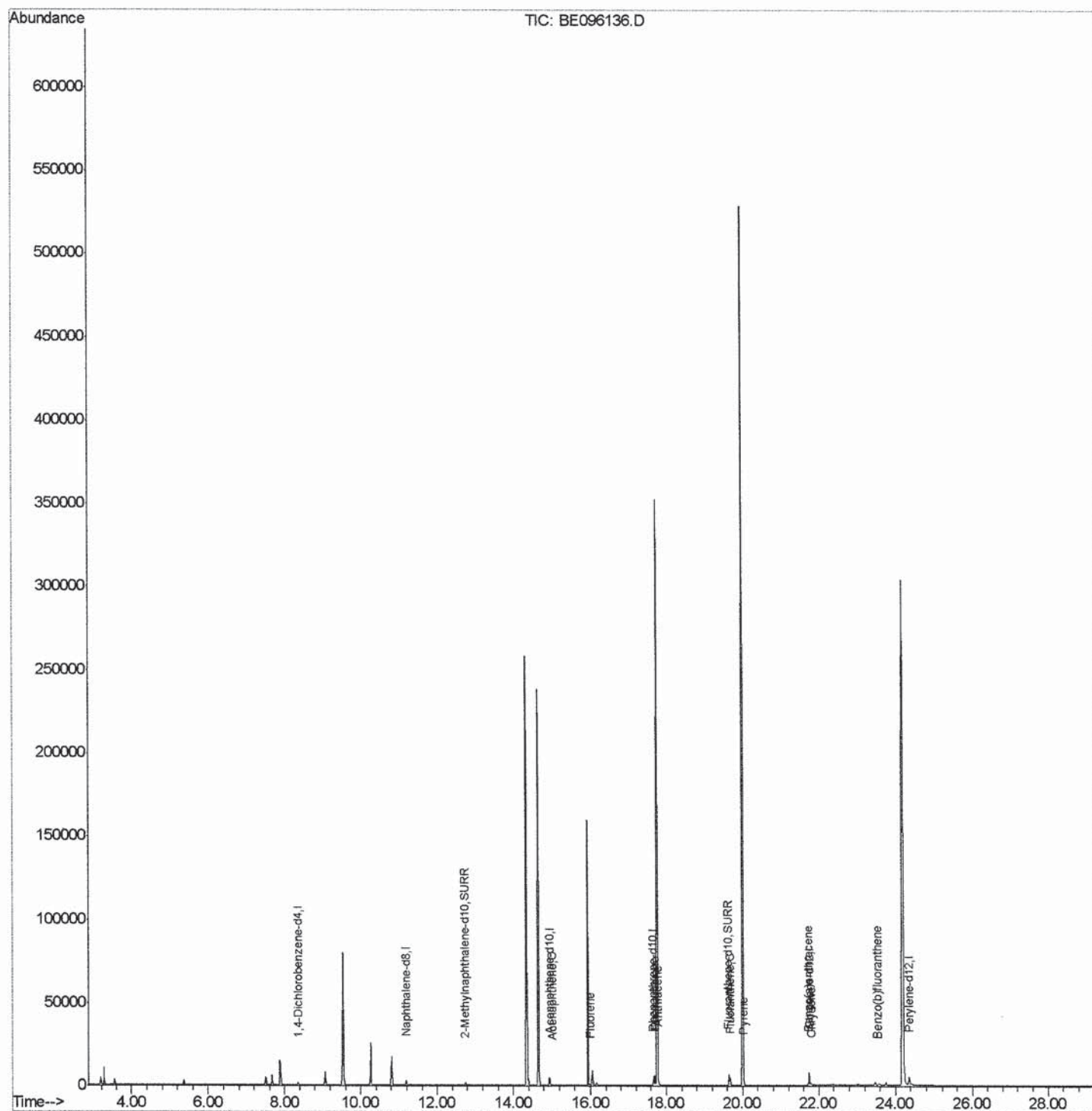


Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096136.D
Acq On : 25 Apr 2018 1:08
Operator : SJ/JU
Sample : J2467-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

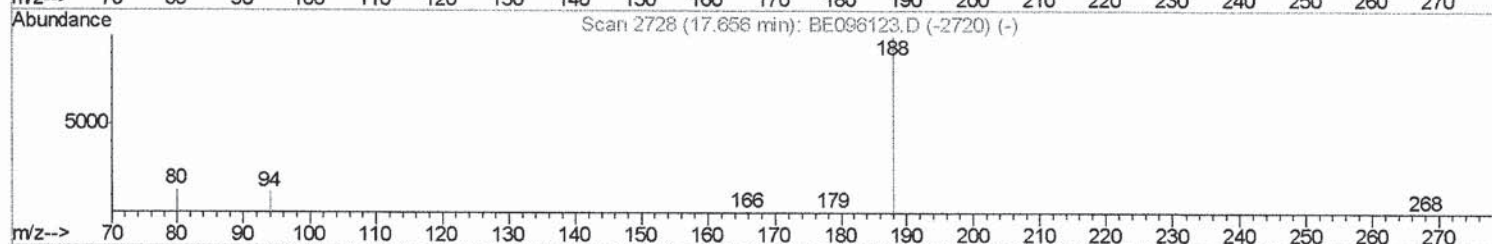
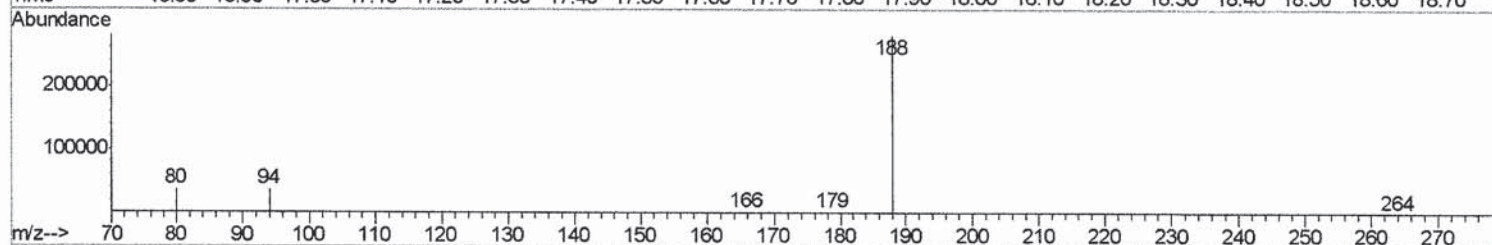
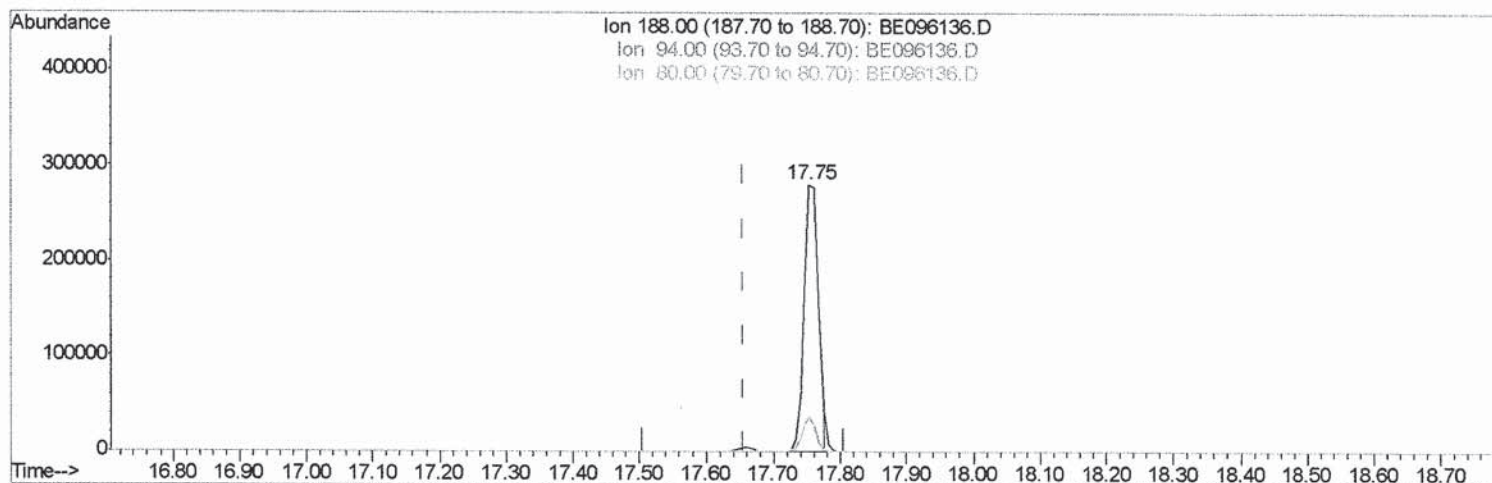
Quant Time: Apr 25 06:56:29 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 05:27:03 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 05:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

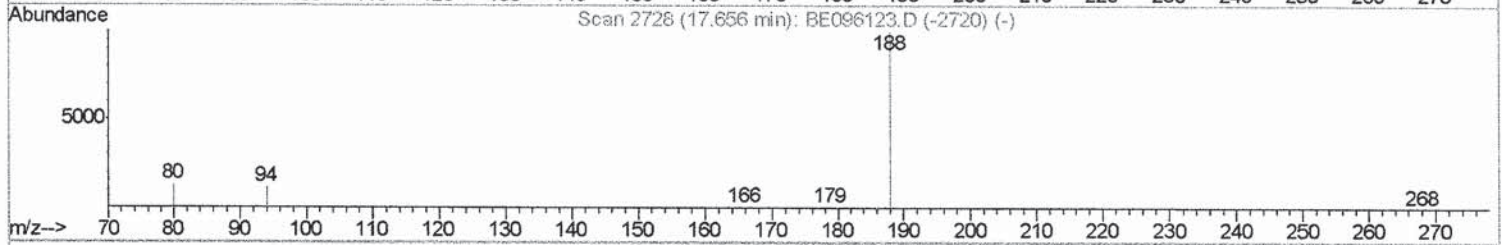
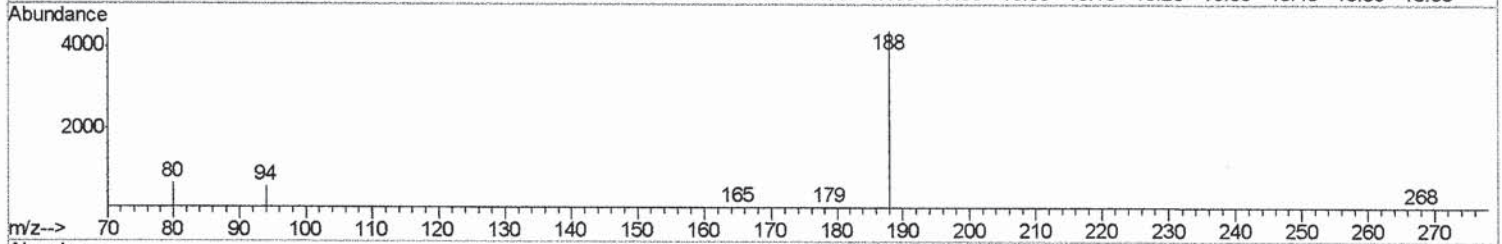
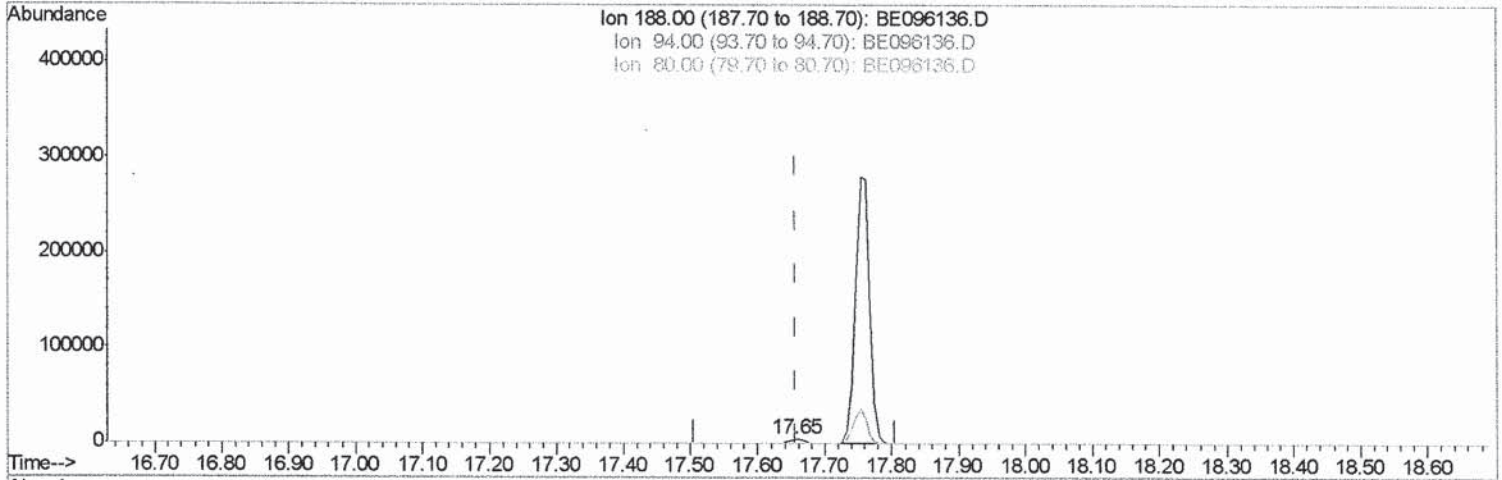
(10) Phenanthrene-d10 (I)
 17.753min (+0.098) 0.40ng/ul
 response 422153

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.97
80.00	11.80	12.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 05:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(10) Phenanthrene-d10 (I)

17.655min (-0.001) 0.40ng/ul m

response 6615

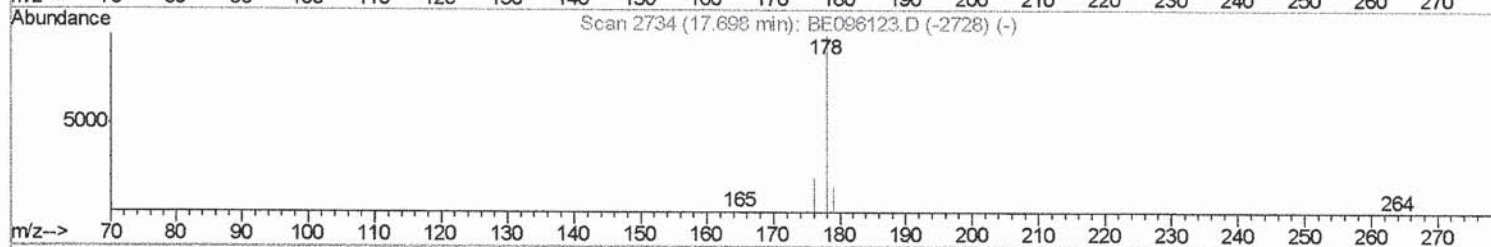
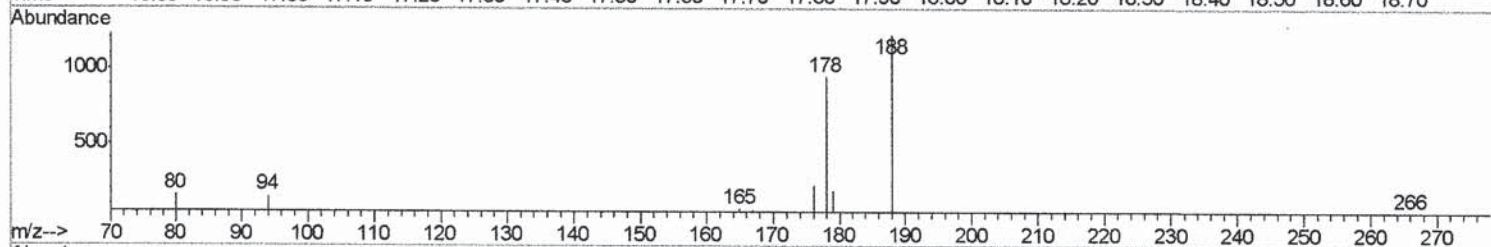
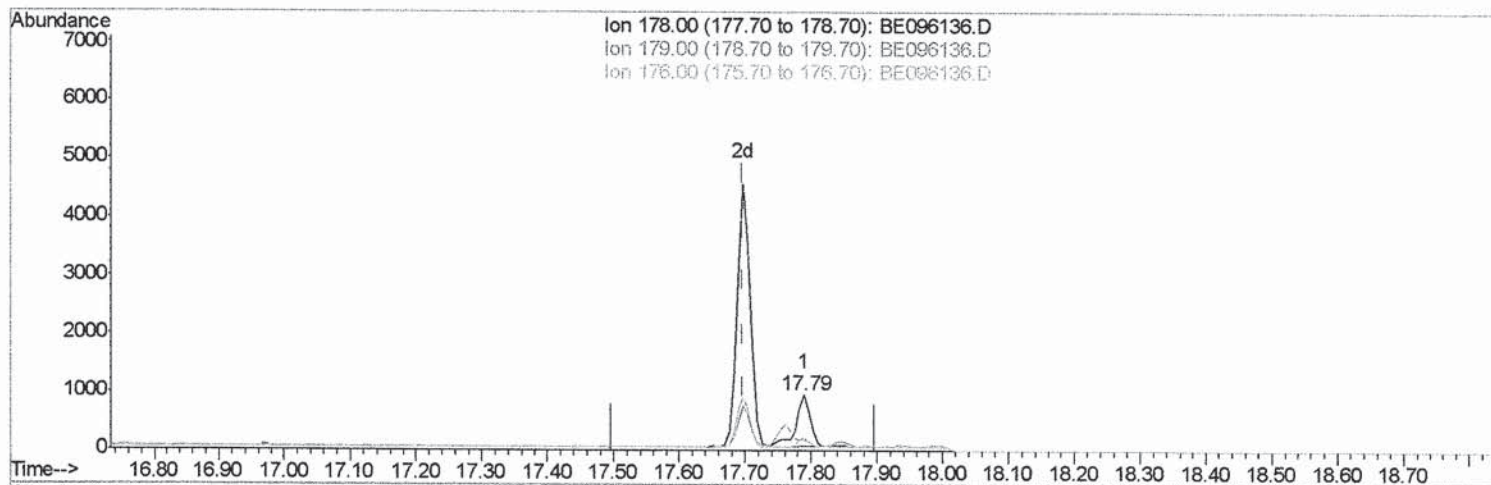
Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.70
80.00	11.80	14.49#
0.00	0.00	0.00

noy/hals

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(12) Phenanthrene

17.789min (+0.091) 0.07ng/ul

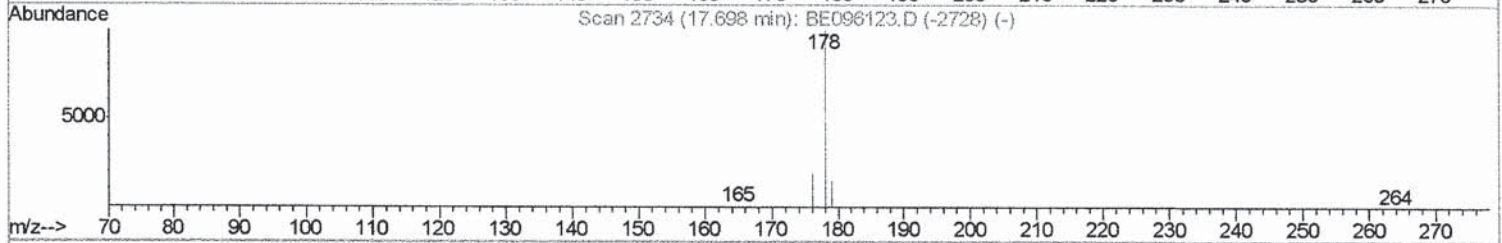
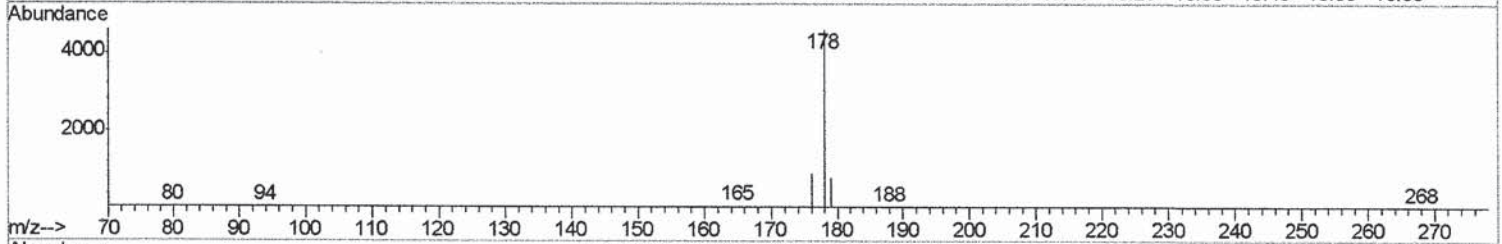
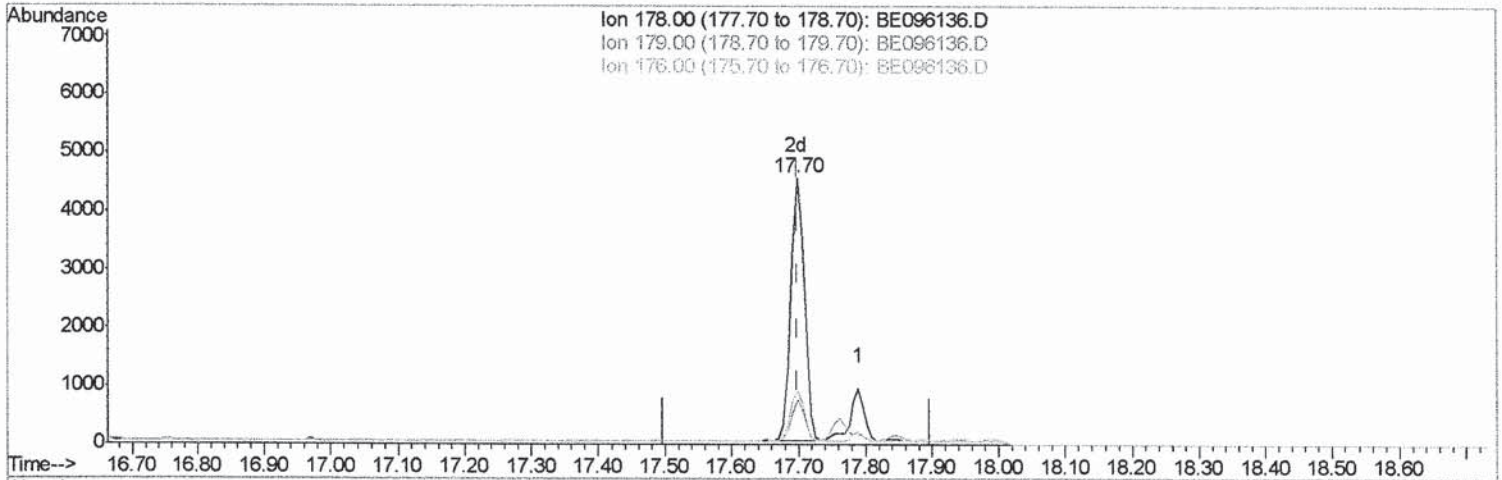
response 1328

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.44
176.00	17.00	23.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(12) Phenanthrene

17.697min (-0.001) 0.33ng/ul m

response 6376

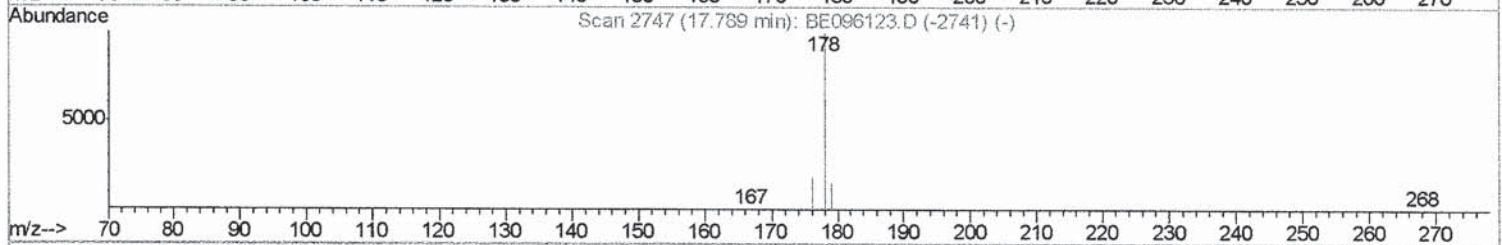
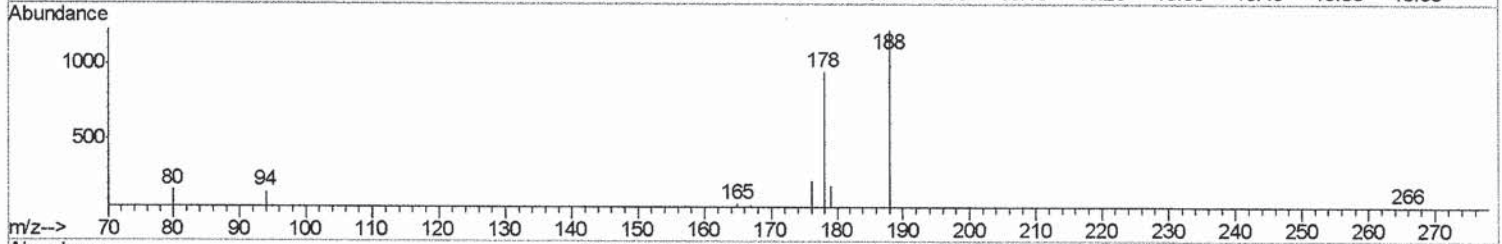
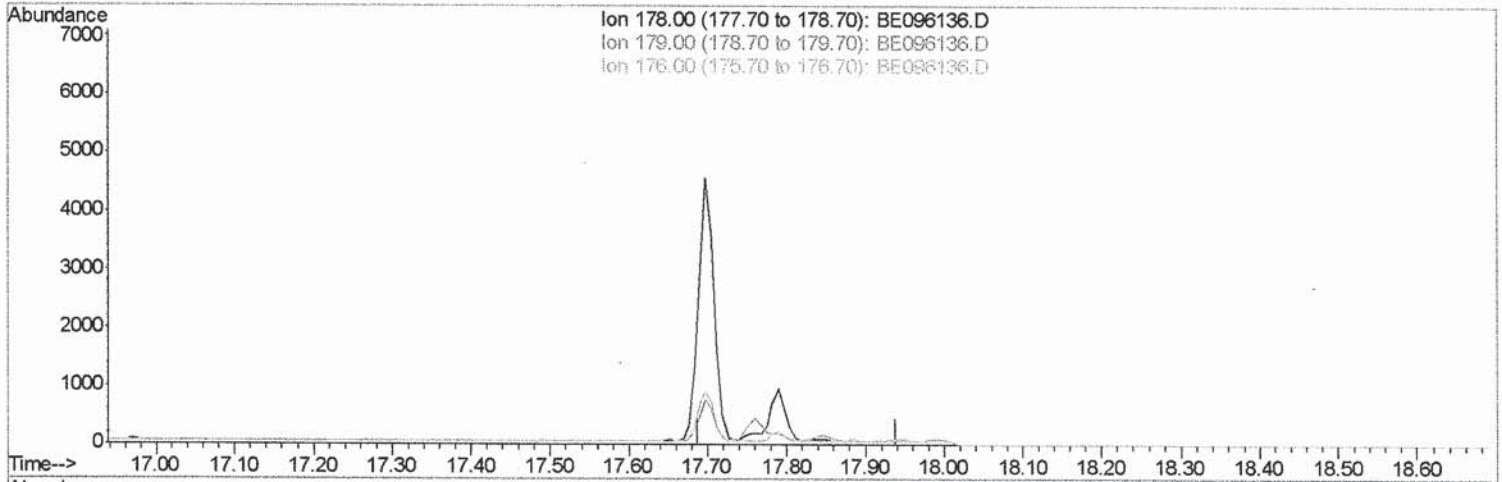
Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.95#
176.00	17.00	19.88
0.00	0.00	0.00

ready 27/10/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(13) Anthracene

17.789min (-17.789) 0.00ng/ui

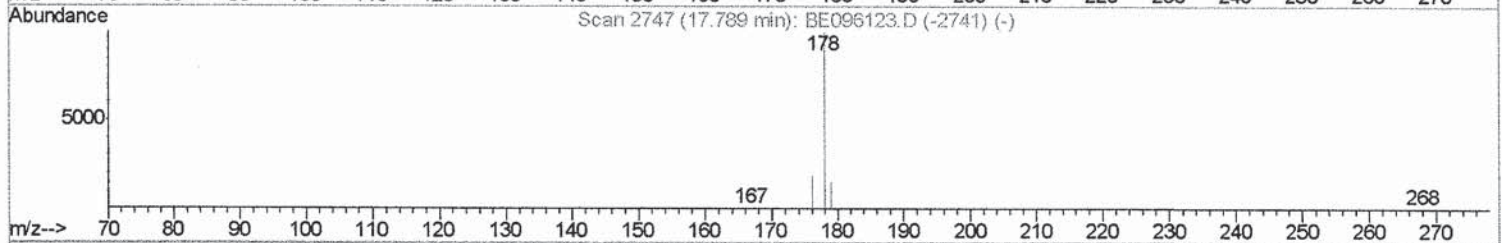
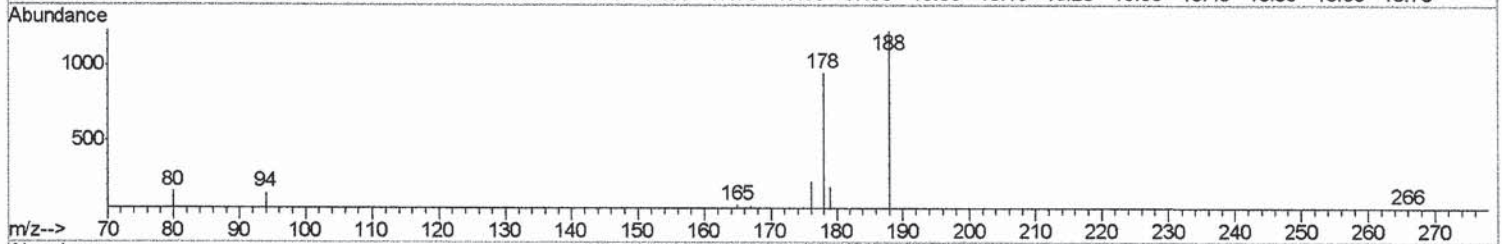
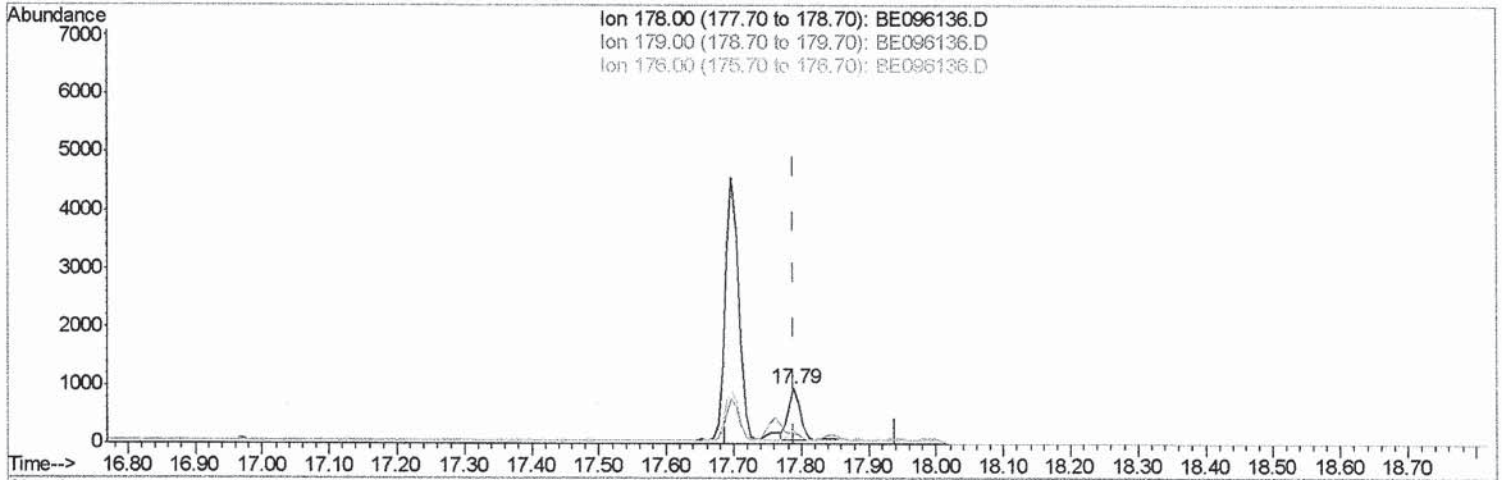
response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(13) Anthracene

17.789min (-0.001) 0.06ng/ul m

response 1180

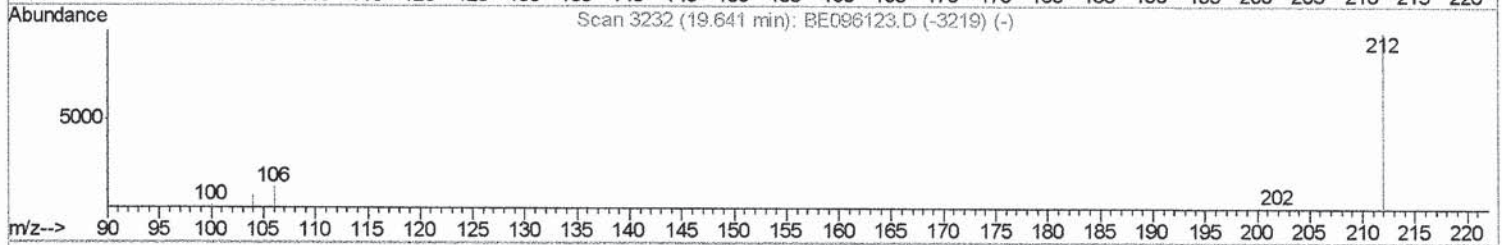
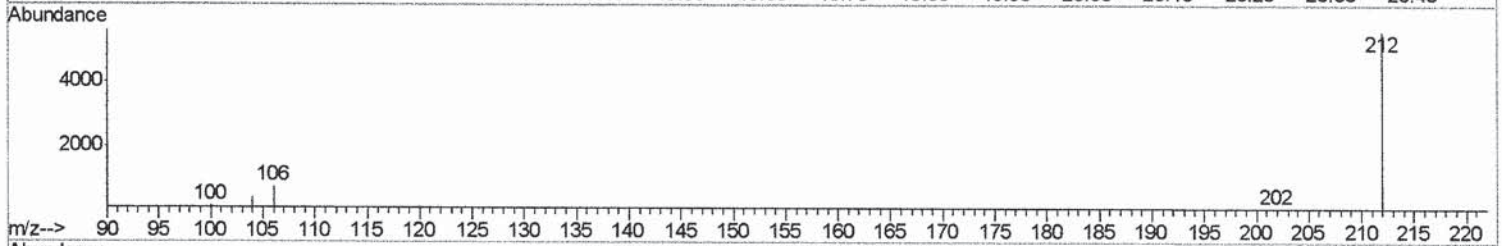
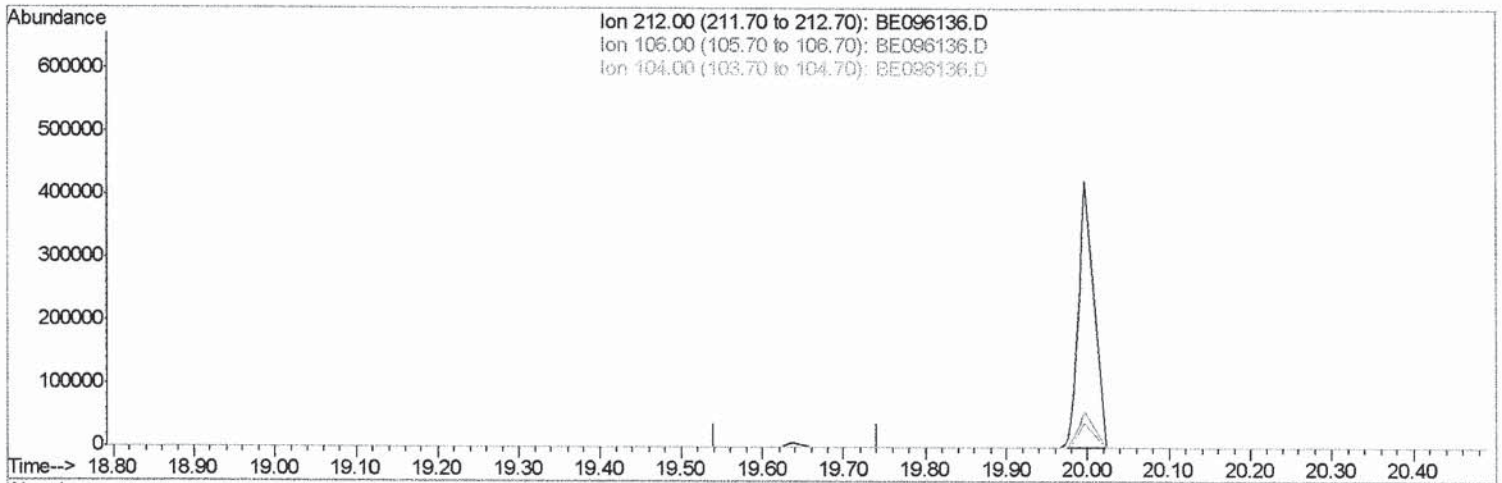
Ion	Exp%	Act%
178.00	100	100
179.00	22.60	20.44
176.00	18.40	23.50#
0.00	0.00	0.00

Handwritten signature: JMOH 27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(14) Fluoranthene-d10 (SURR)

19.641min (-19.641) 0.00ng/ul

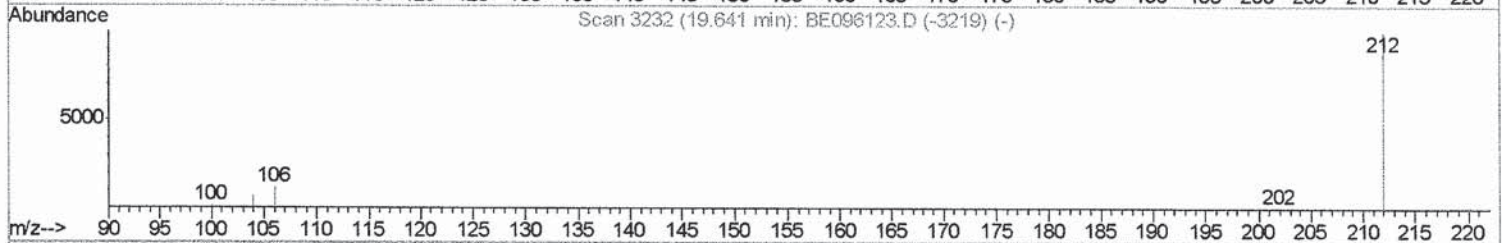
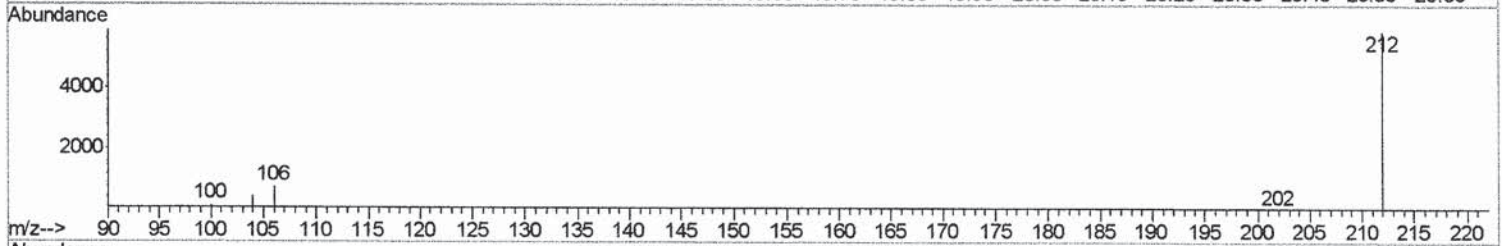
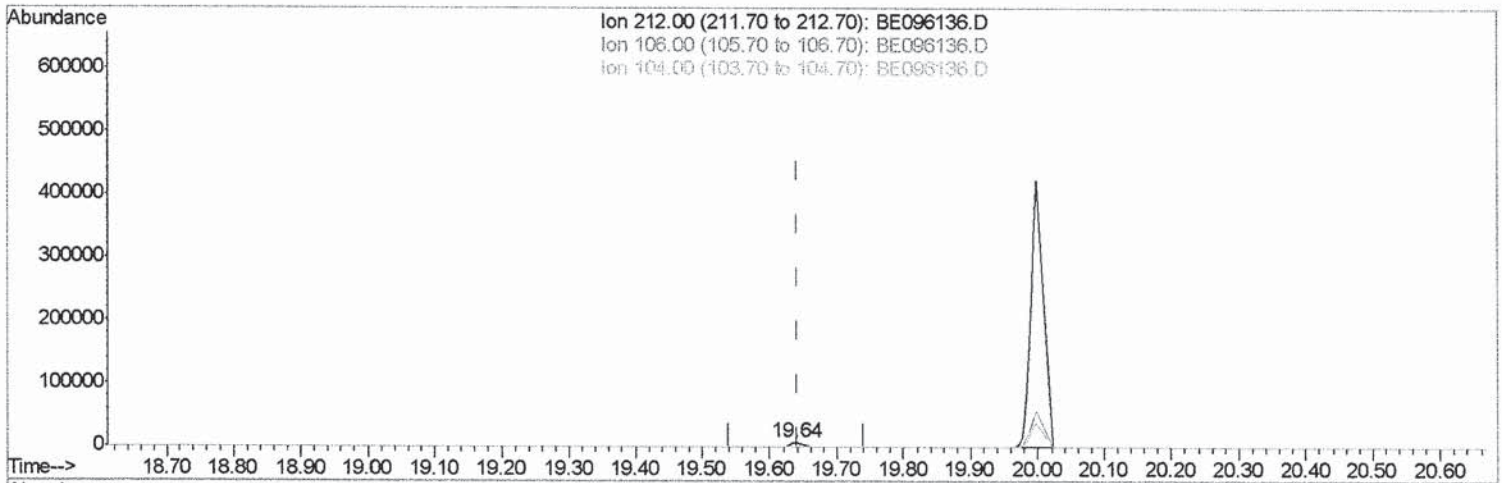
response 0

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\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(14) Fluoranthene-d10 (SURR)

19.637min (-0.004) 0.25ng/ui m

response 7651

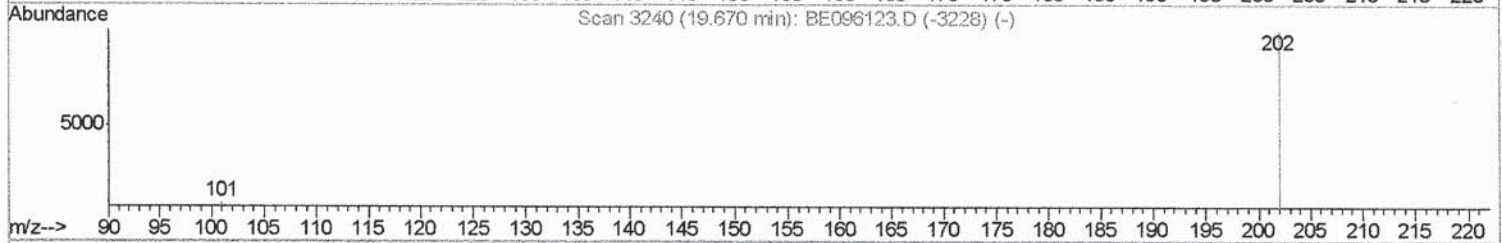
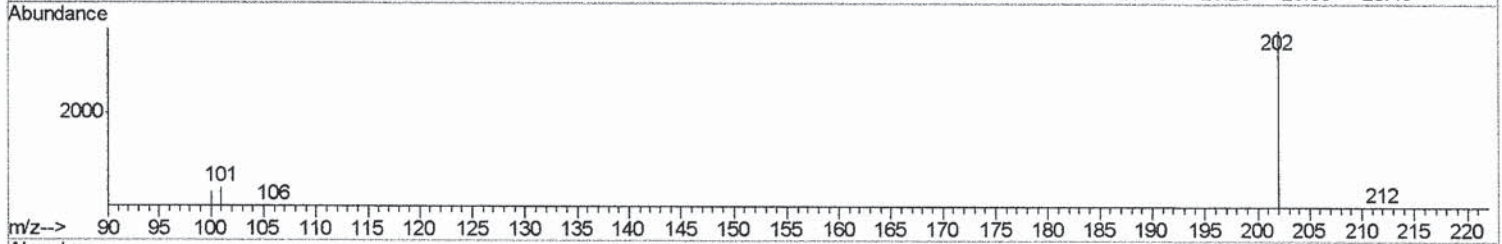
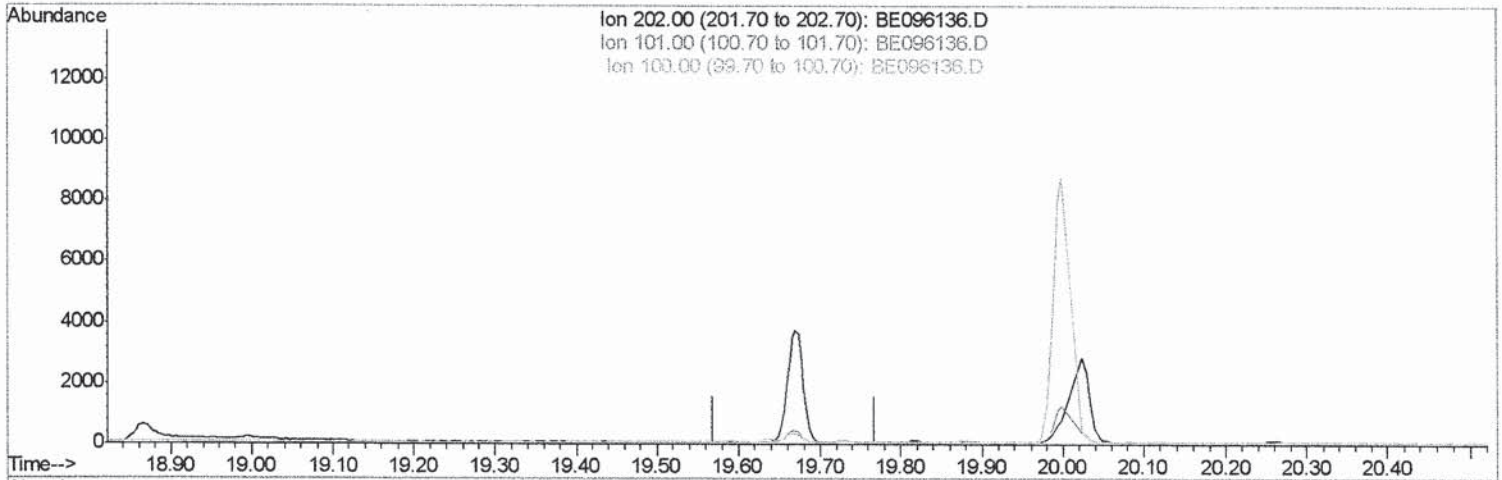
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Handwritten signature/initials

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(15) Fluoranthene (C)

19.670min (-19.670) 0.00ng/ul

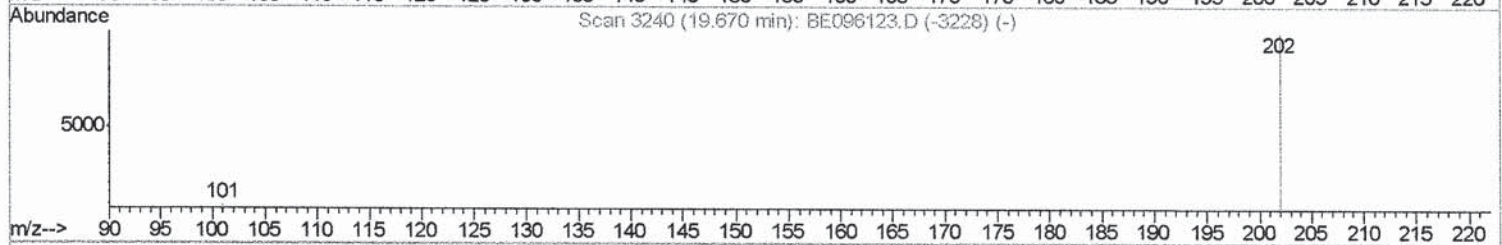
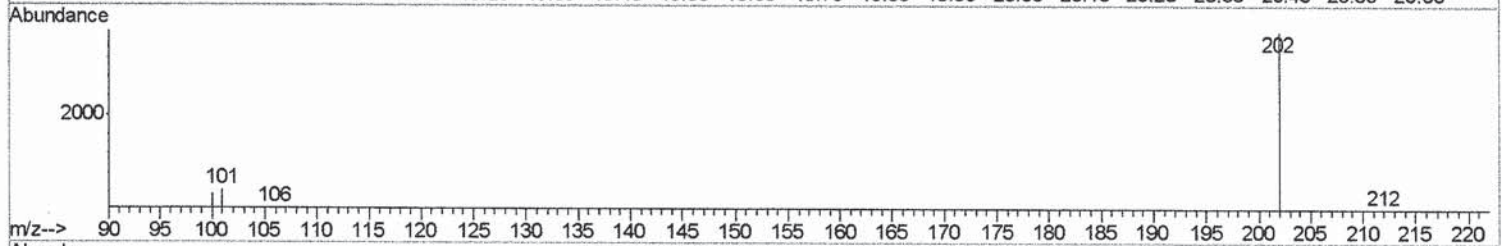
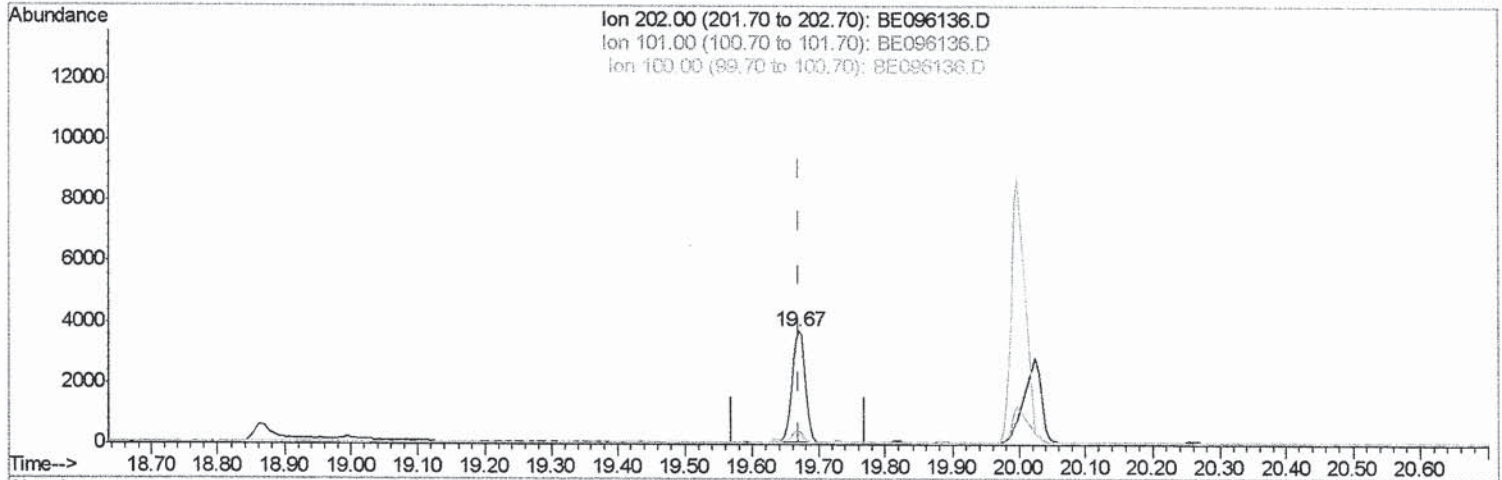
response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.669min (-0.001) 0.17ng/ul m

response 4976

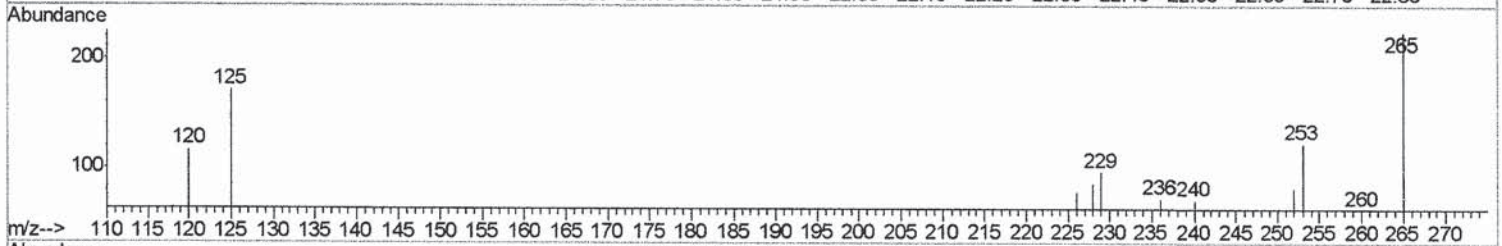
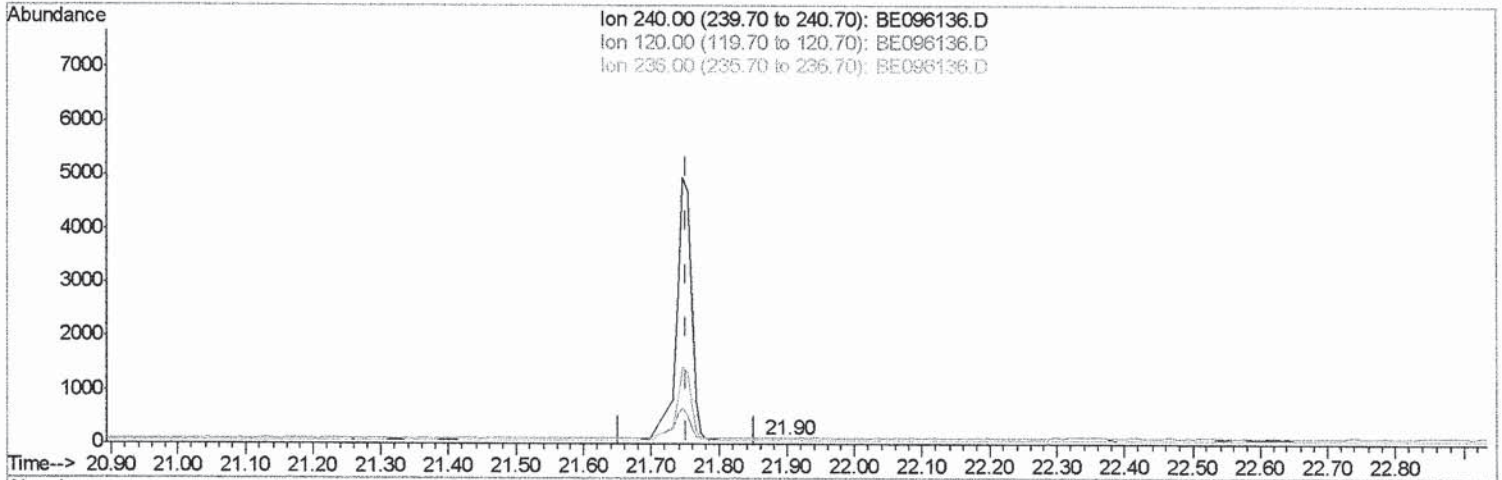
Ion	Exp%	Act%
202.00	100	100
101.00	10.30	12.23
100.00	19.50	9.59
0.00	0.00	0.00

Handwritten signature: J2467-09

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

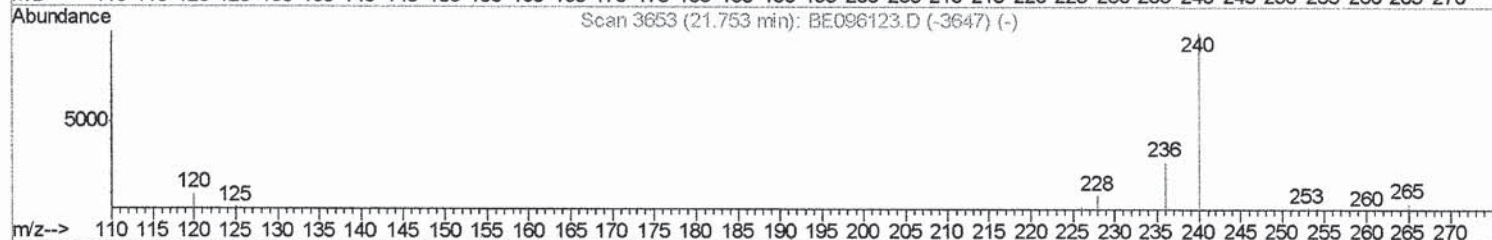
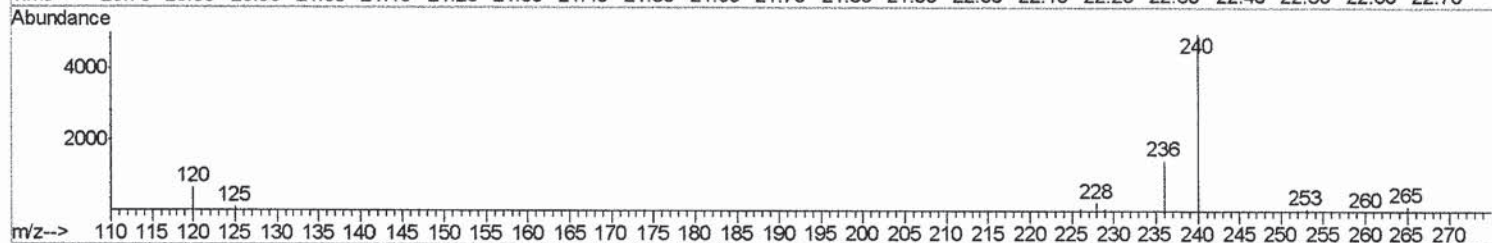
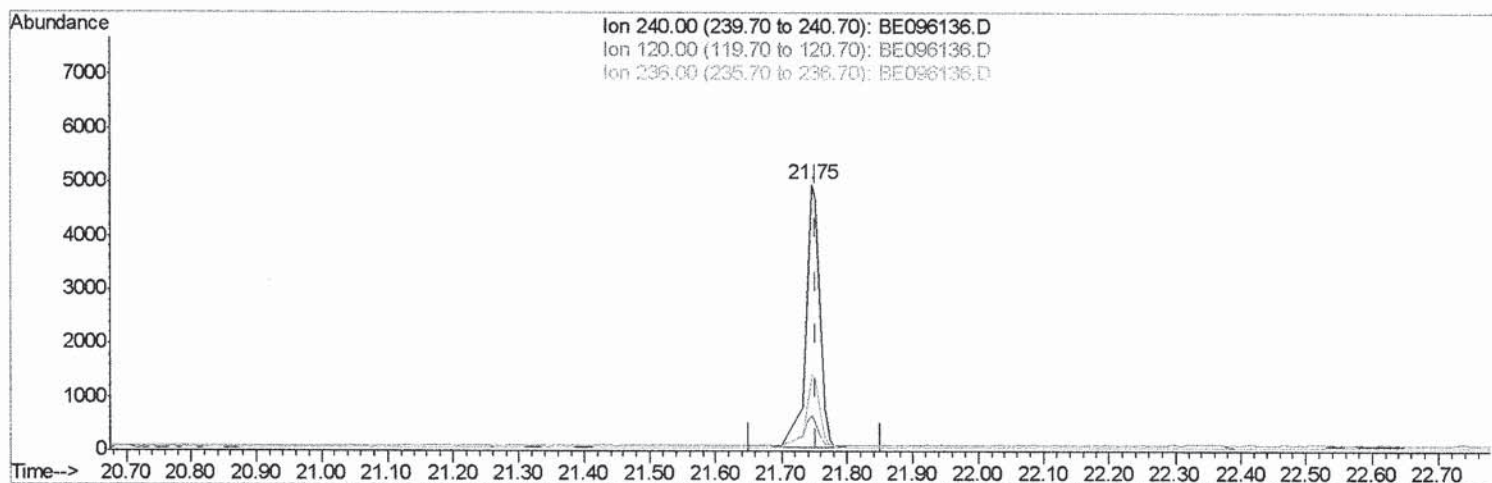
(16) Chrysene-d12 (I)
 21.900min (+0.148) 0.40ng/ul
 response 11

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	163.38#
236.00	34.90	101.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(16) Chrysene-d12 (I)

21.746min (-0.007) 0.40ng/ul m

response 8239

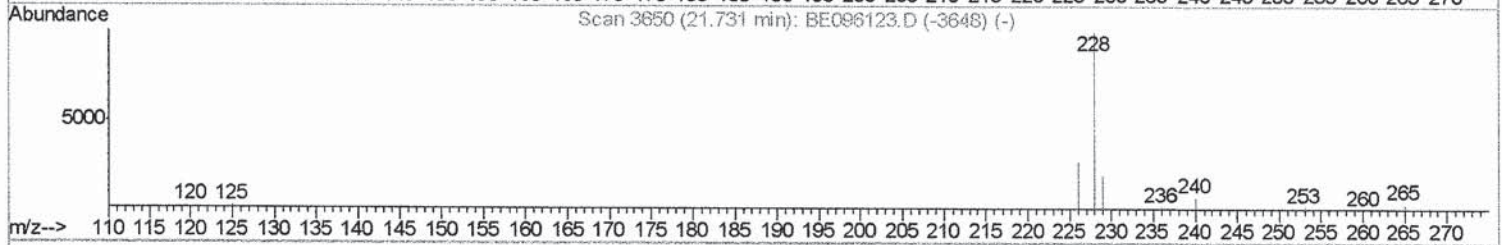
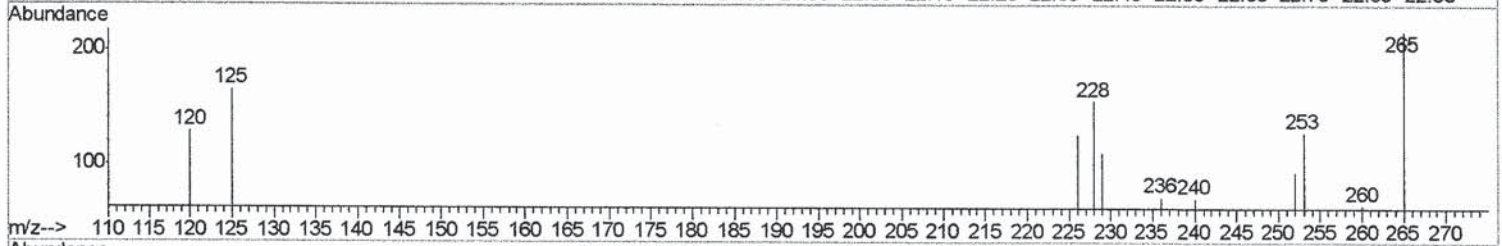
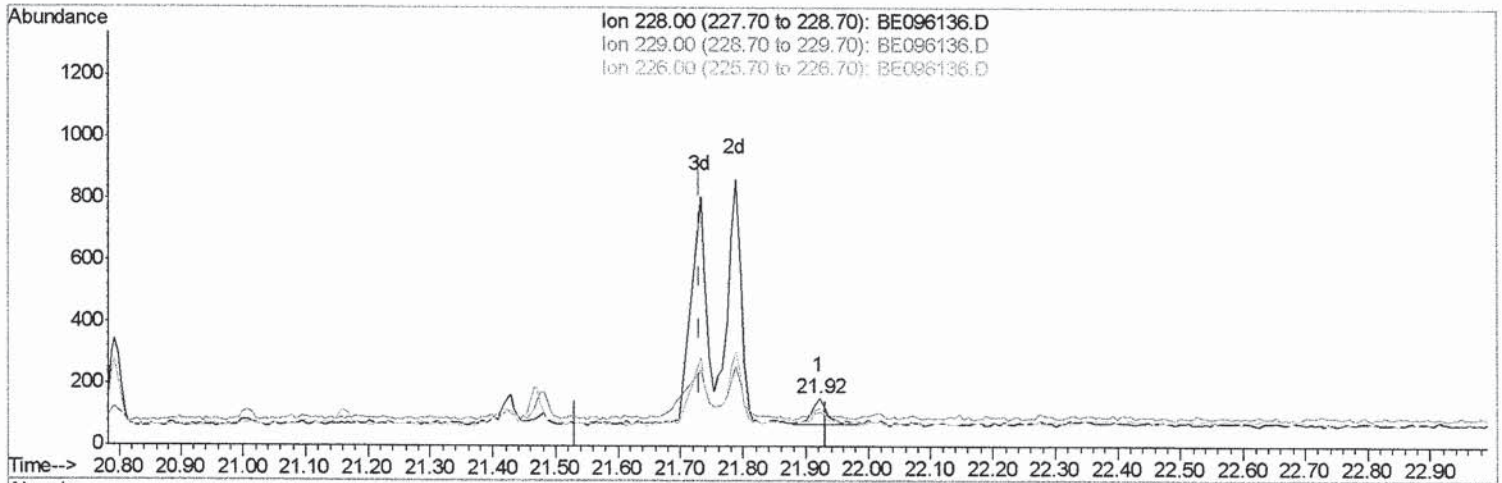
Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.87#
236.00	34.90	29.16
0.00	0.00	0.00

Handwritten signature: J2467/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(18) Benzo(a)anthracene

21.921min (+0.190) 0.01ng/ul

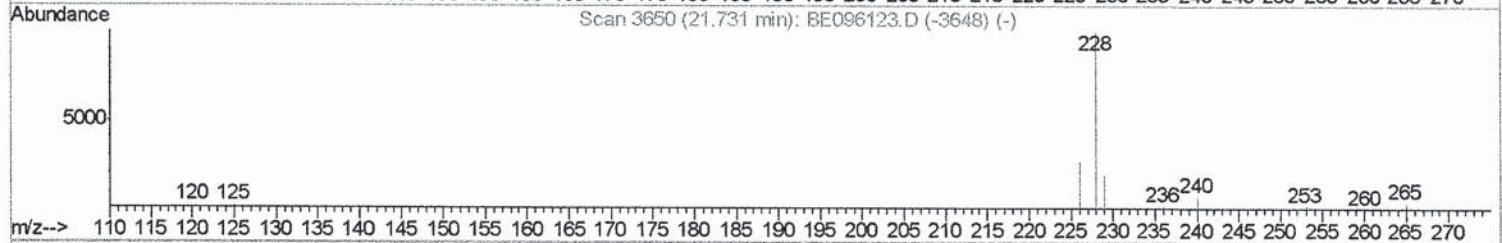
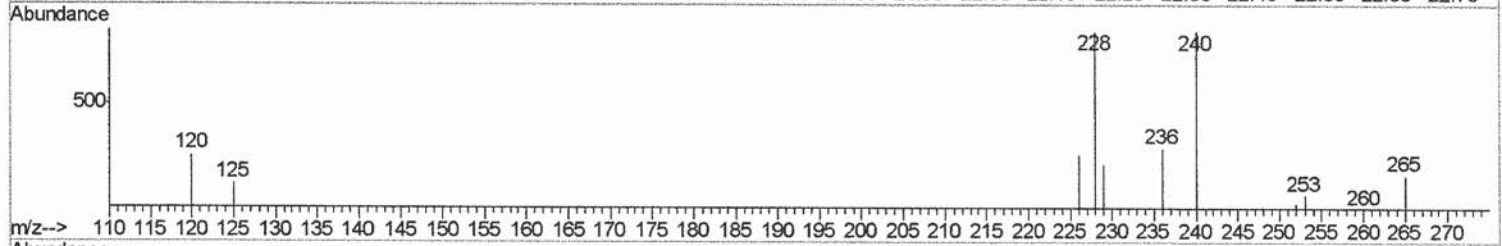
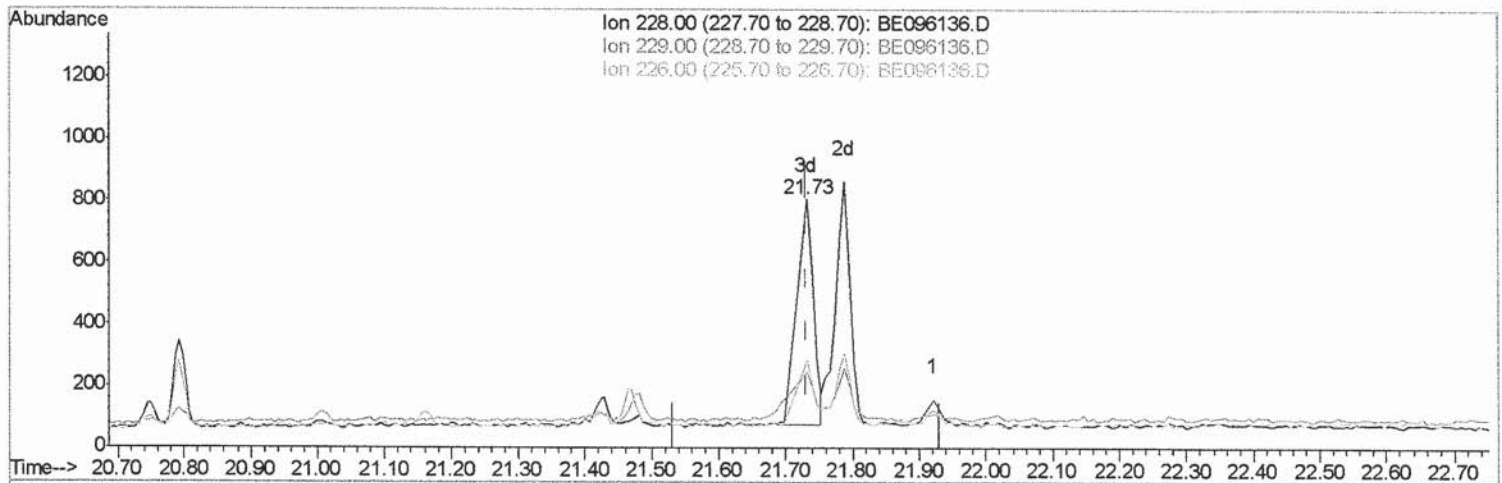
response 165

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	70.51#
226.00	21.30	80.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(18) Benzo(a)anthracene

21.731min (0.000) 0.04ng/ul m

response 1022

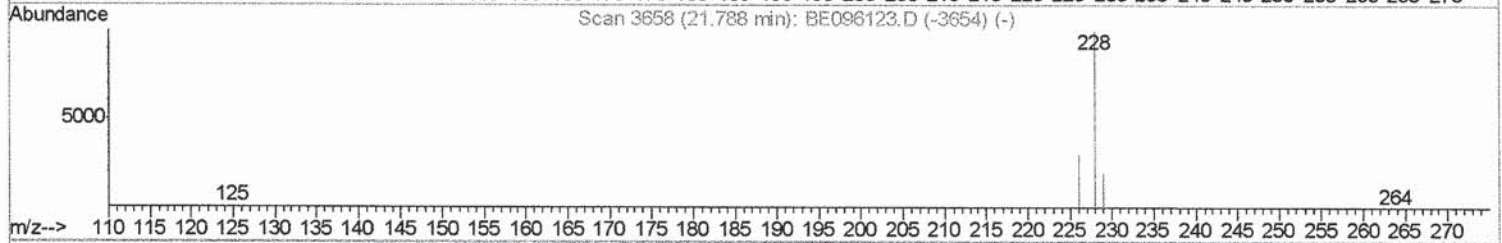
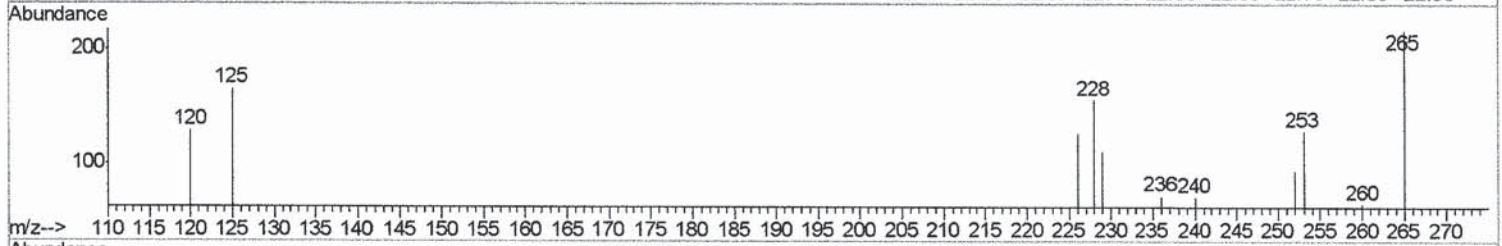
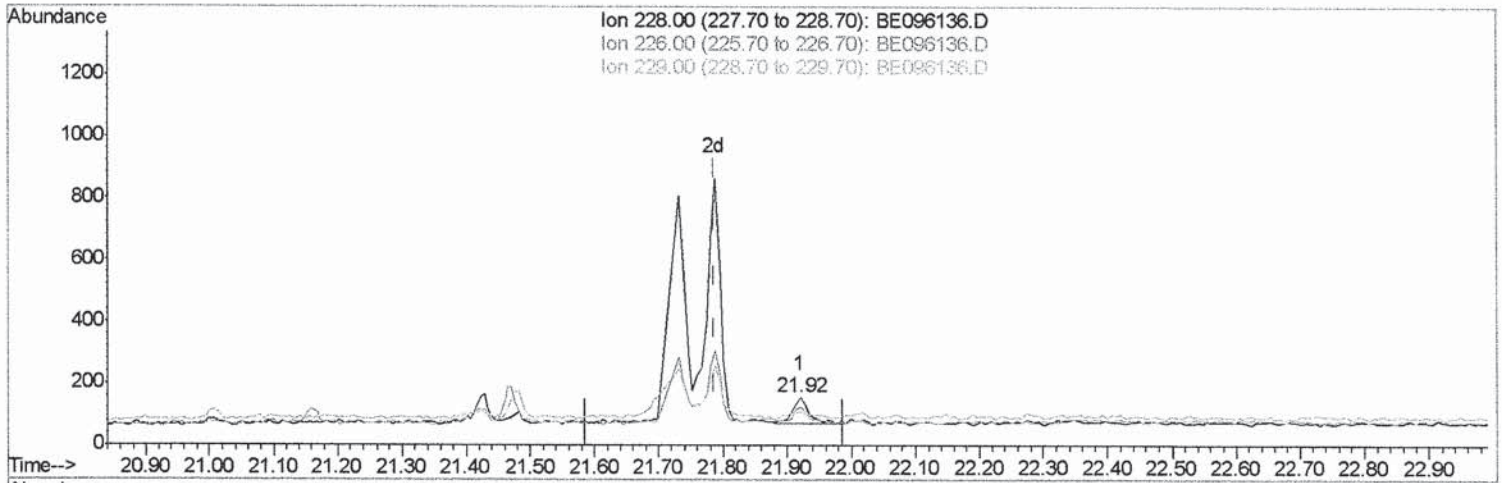
Ion	Exp%	Act%
228.00	100	100
229.00	28.50	30.40
226.00	21.30	35.61#
0.00	0.00	0.00

Handwritten signature: Juey/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(19) Chrysene

21.921min (+0.134) 0.01ng/ul

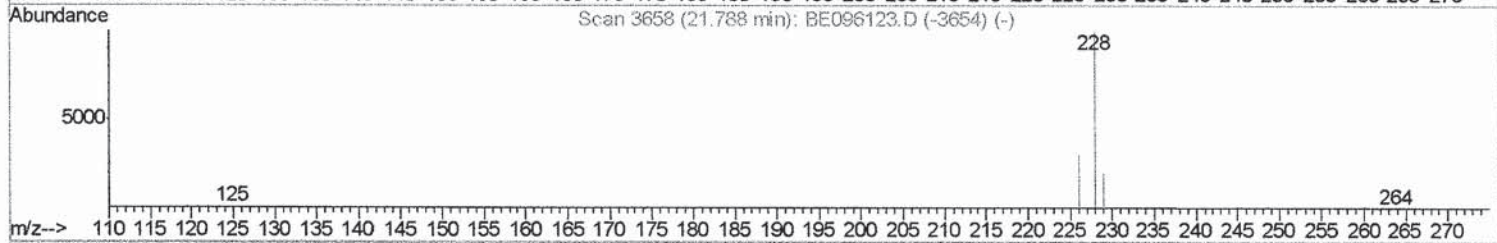
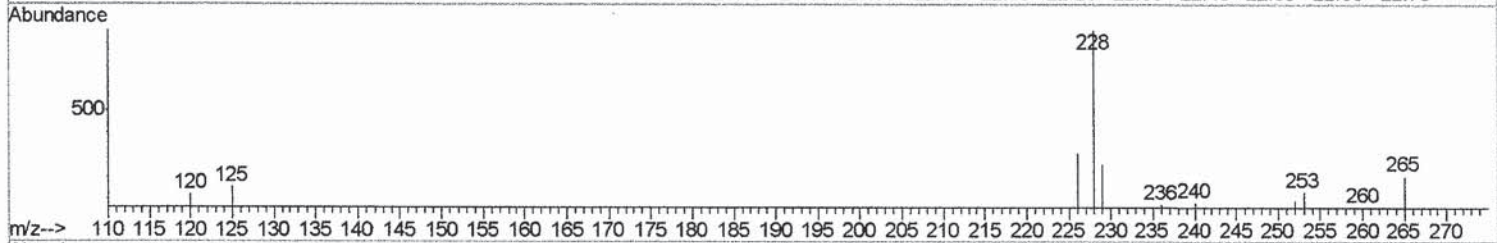
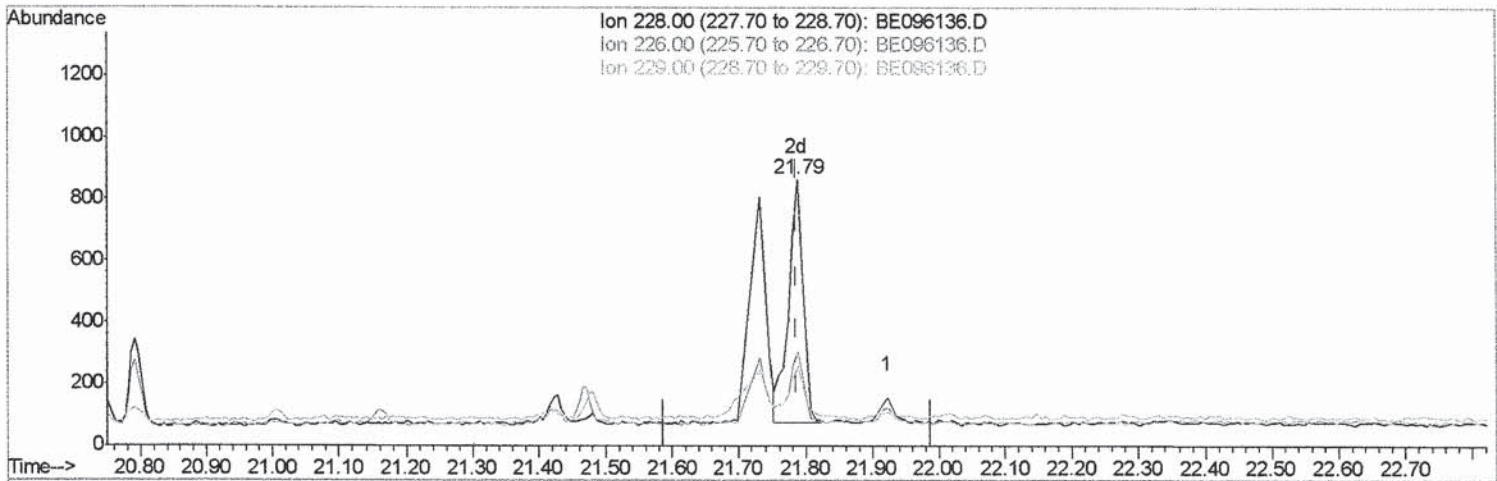
response 165

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	80.77#
229.00	22.10	70.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(19) Chrysene

21.788min (+0.000) 0.05ng/ul m

response 1174

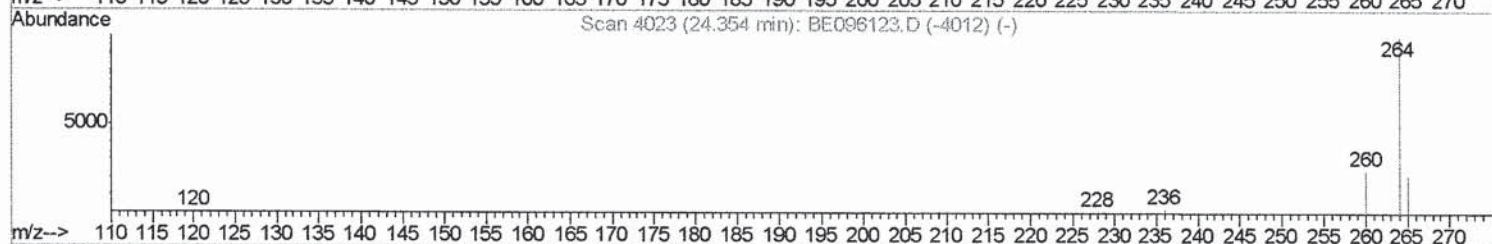
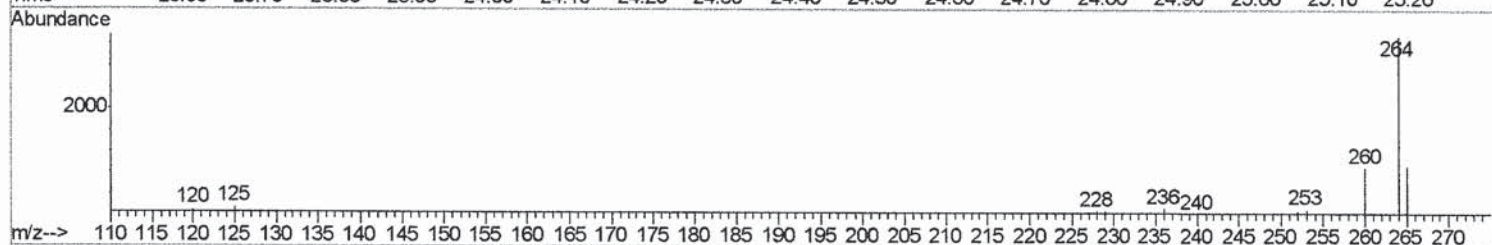
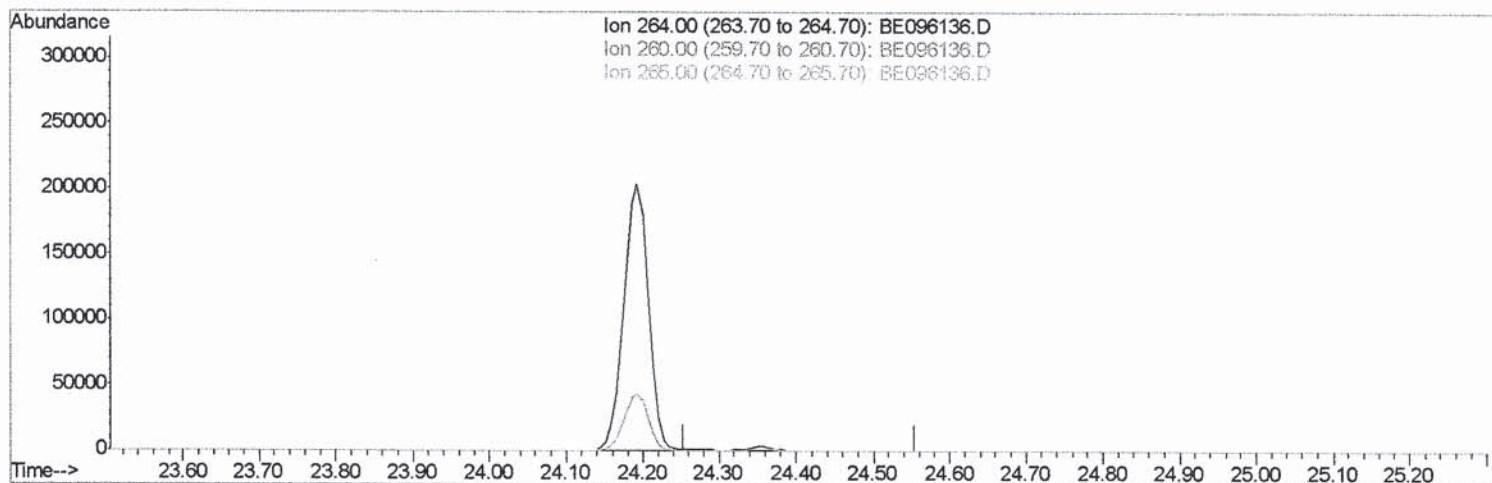
Ion	Exp%	Act%
228.00	100	100
226.00	29.20	35.50#
229.00	22.10	29.93#
0.00	0.00	0.00

Handwritten signature: ju09/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(20) Perylene-d12 (I)

24.354min (-24.354) 0.00ng/ul

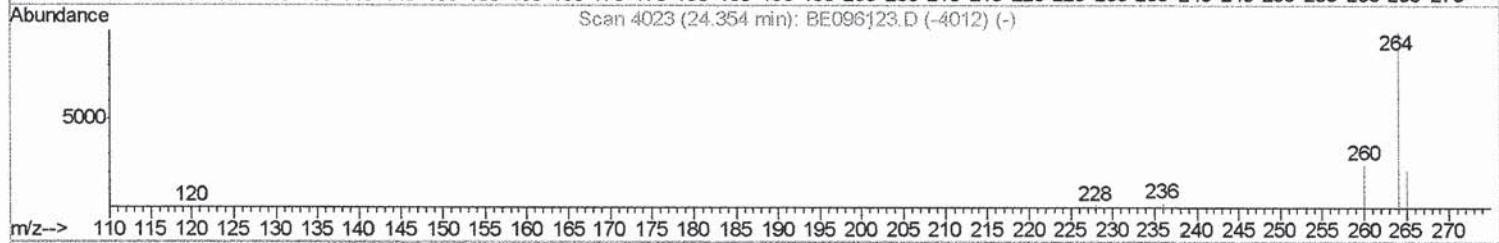
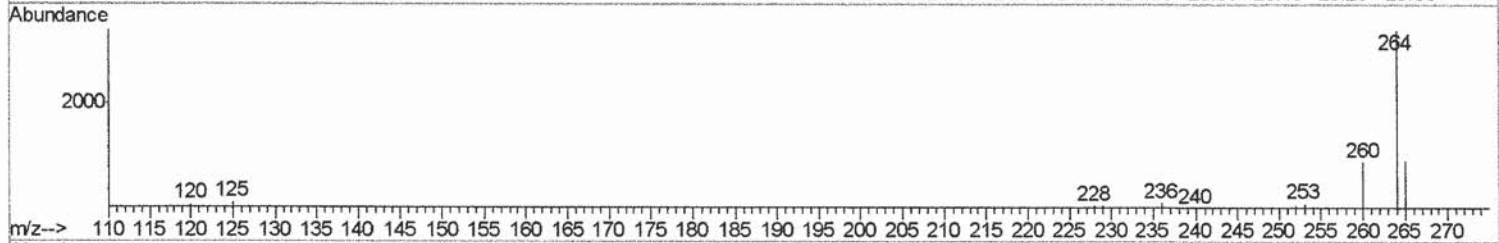
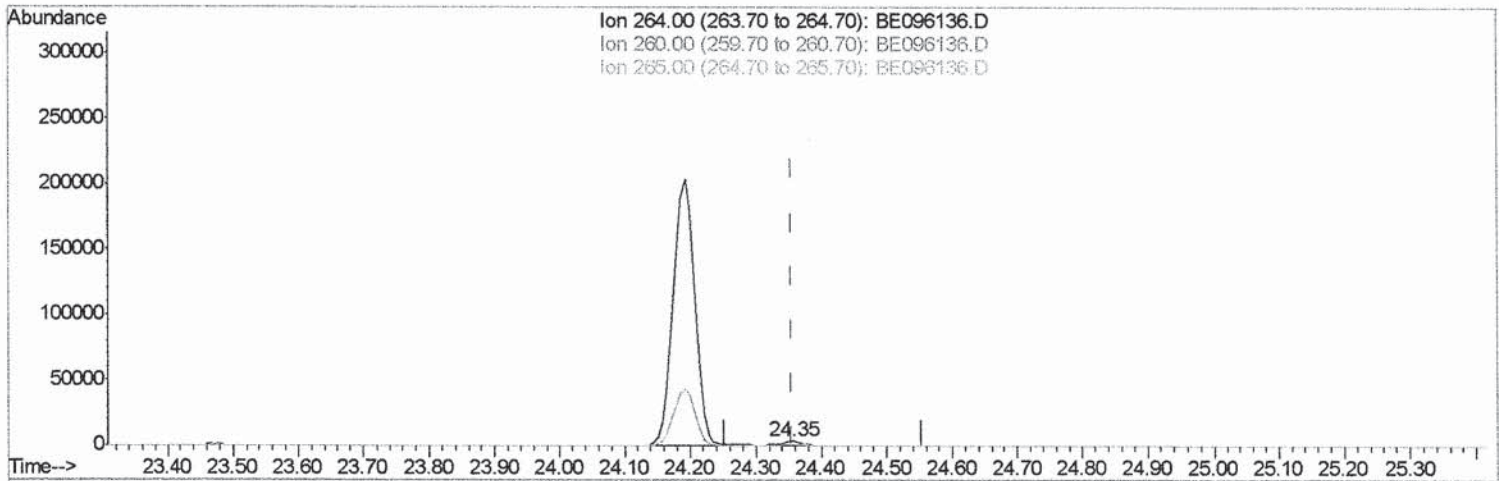
response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration



TIC: BE096136.D

(20) Perylene-d12 (I)

24.354min (+0.000) 0.40ng/ul m

response 6569

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.27
265.00	103.50	27.81#
0.00	0.00	0.00

2004/27/18

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 25 06:56:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	907	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2492	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	6615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	8239m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6569m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.74	152	1923	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7651m	0.25	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthene	15.01	153	359	0.039	ng/ul#	90
9) Fluorene	15.98	166	801	0.065	ng/ul#	92
12) Phenanthrene	17.70	178	6376m	0.327	ng/ul	
13) Anthracene	17.79	178	1180m	0.060	ng/ul	
15) Fluoranthene	19.67	202	4976m	0.167	ng/ul	
17) Pyrene	20.02	202	3175	0.192	ng/ul#	84
18) Benzo(a)anthracene	21.73	228	1022m	0.041	ng/ul	
19) Chrysene	21.79	228	1174m	0.051	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	1067	0.043	ng/ul#	63

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