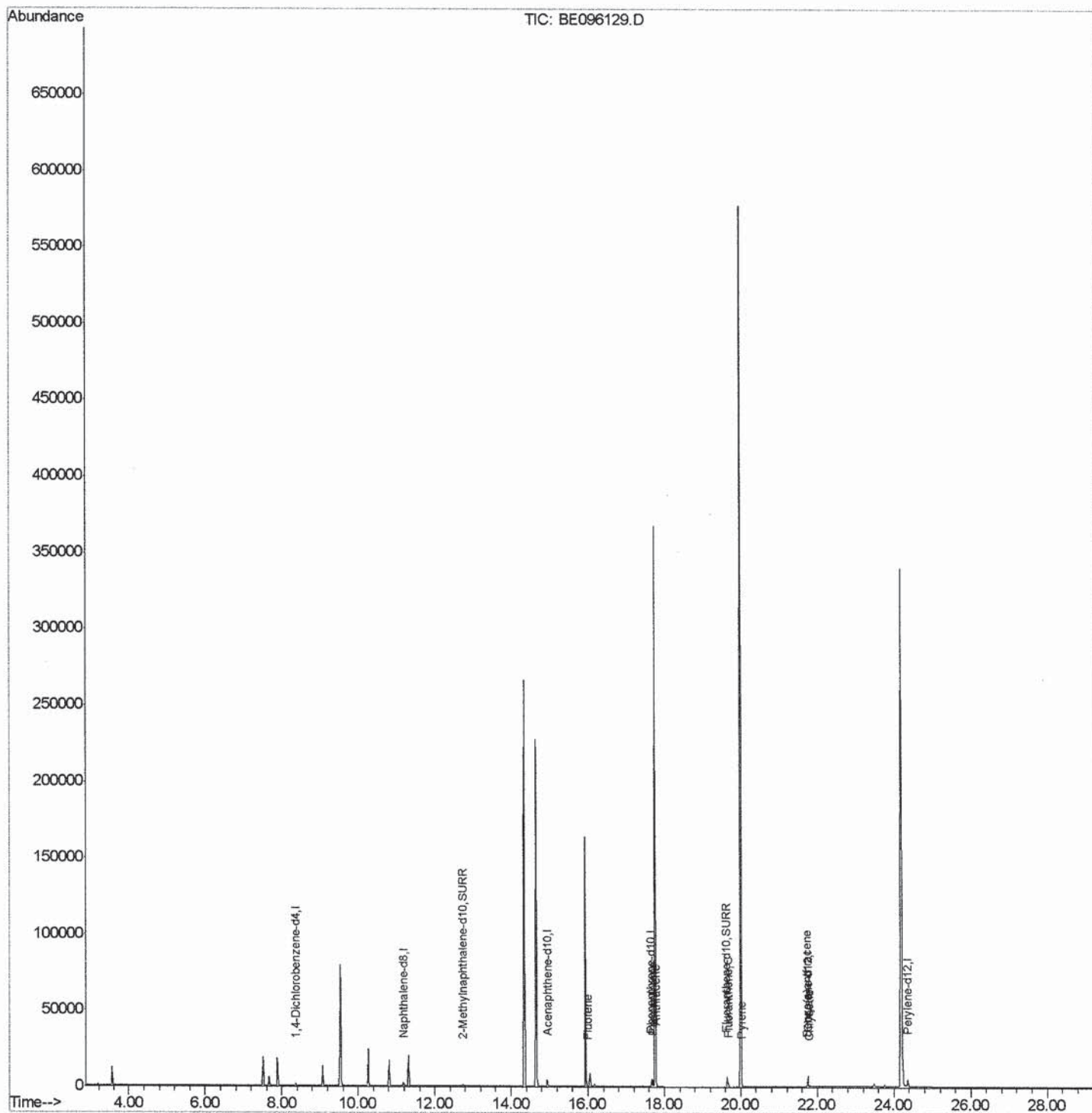


Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096129.D
Acq On : 24 Apr 2018 20:54
Operator : SJ/JU
Sample : PB108470BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

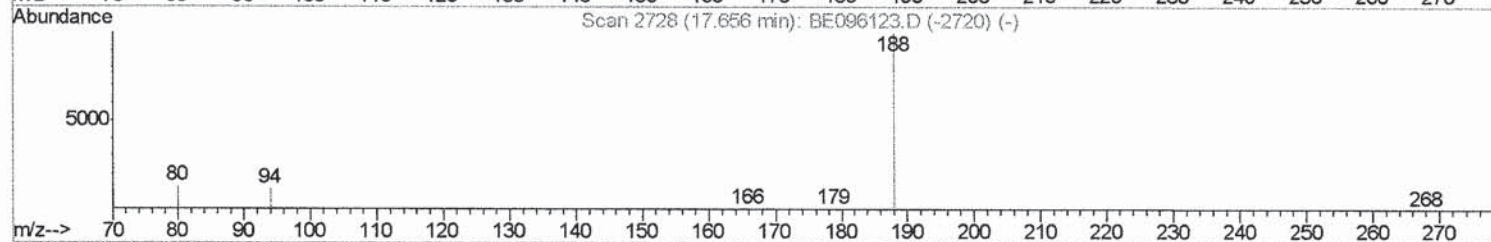
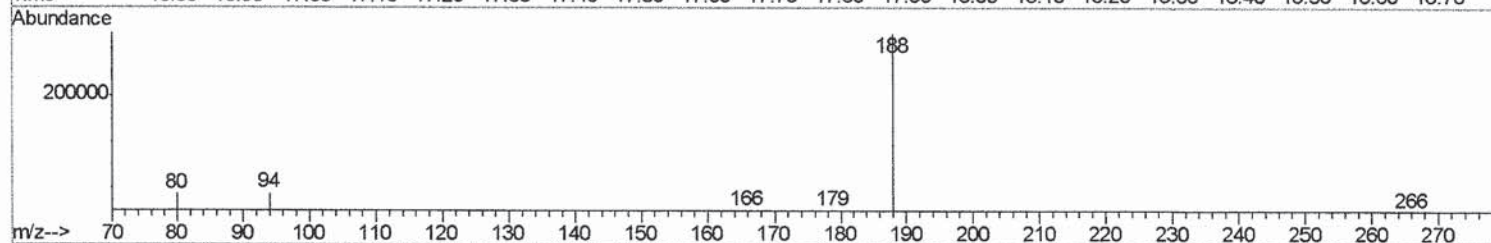
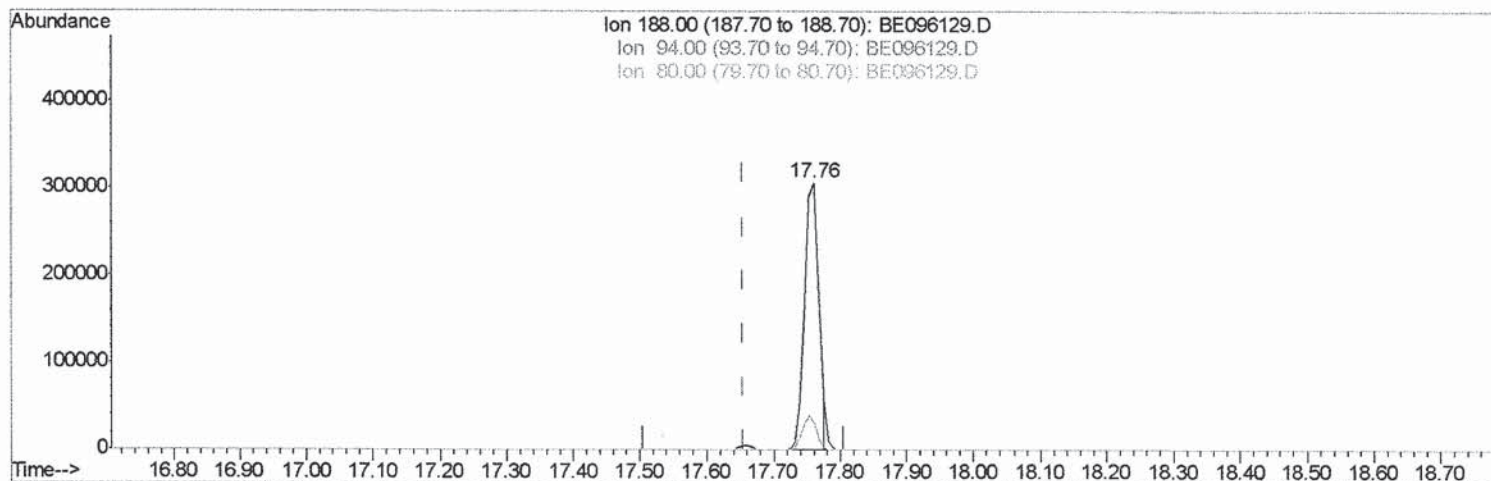
Quant Time: Apr 25 06:00:41 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 05:27:03 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:28:48 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: BE096129.D

(10) Phenanthrene-d10 (I)

17.760min (+0.105) 0.40ng/ul

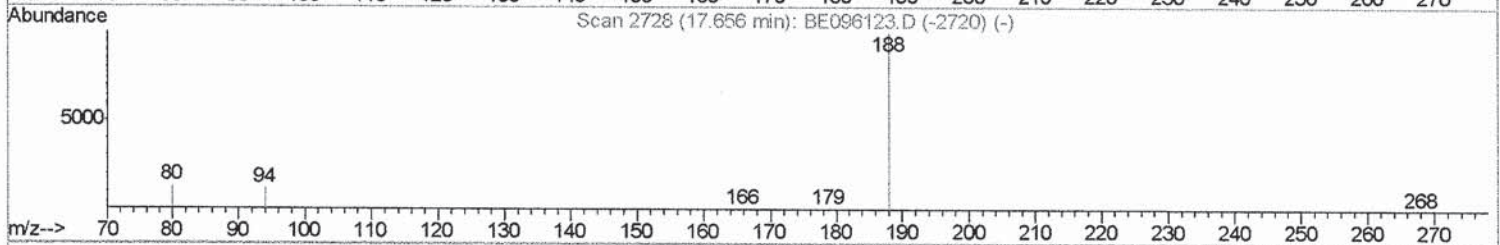
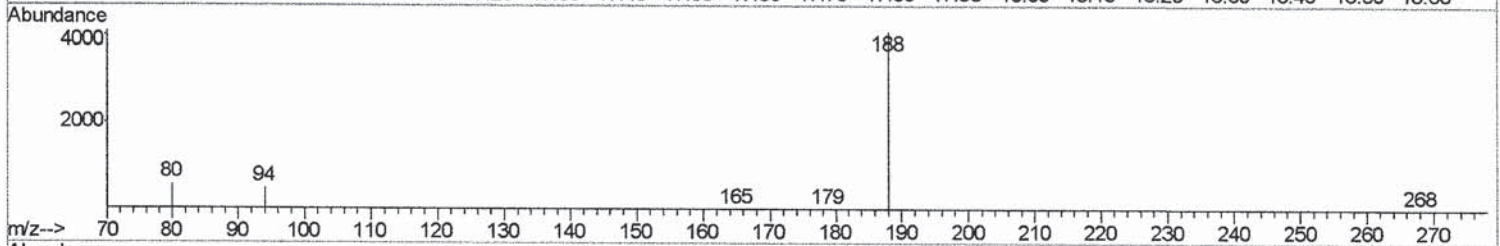
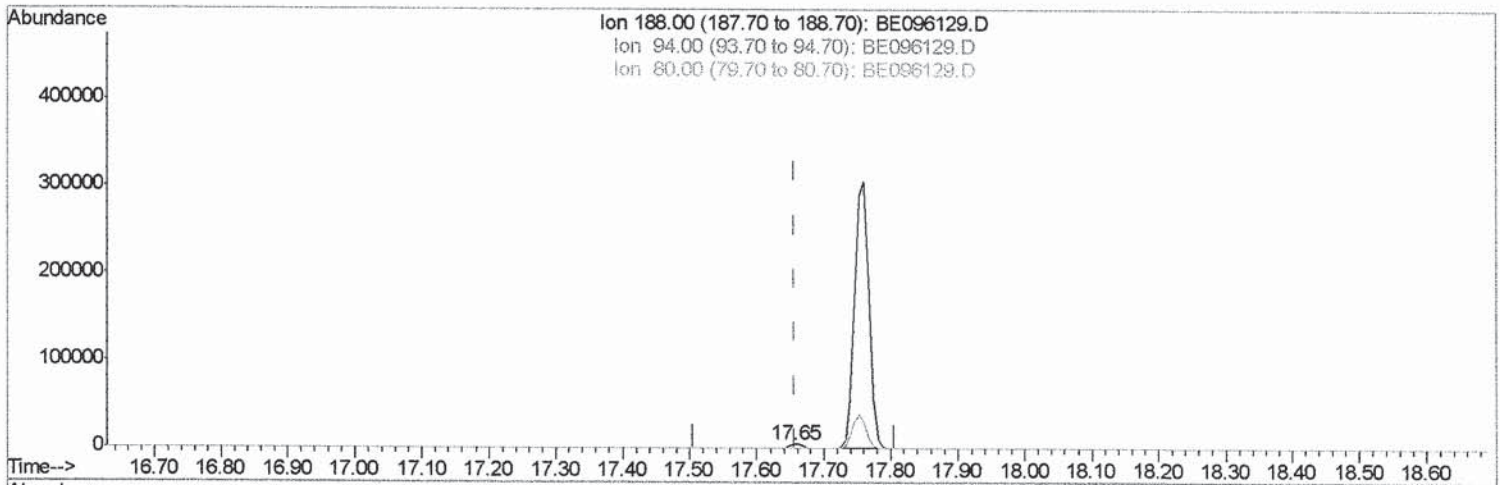
response 447396

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.86
80.00	11.80	9.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:28:48 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: BE096129.D

(10) Phenanthrene-d10 (I)

17.655min (-0.001) 0.40ng/ul m

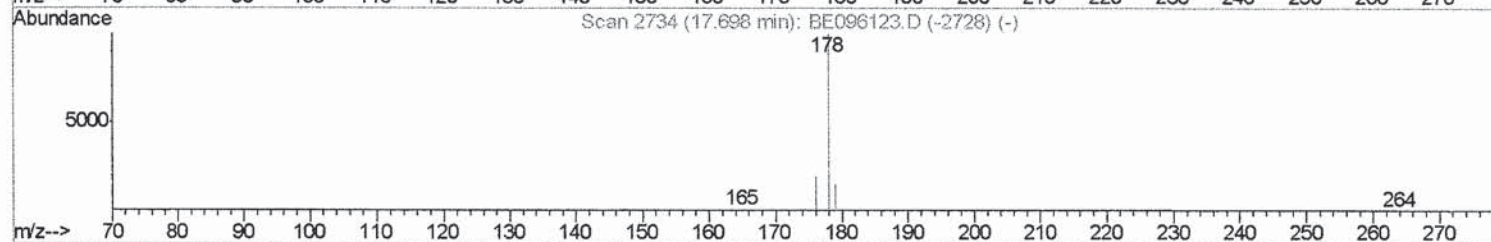
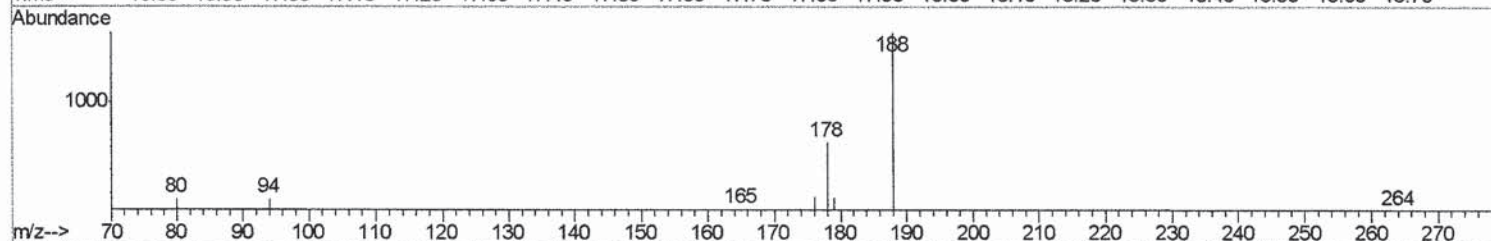
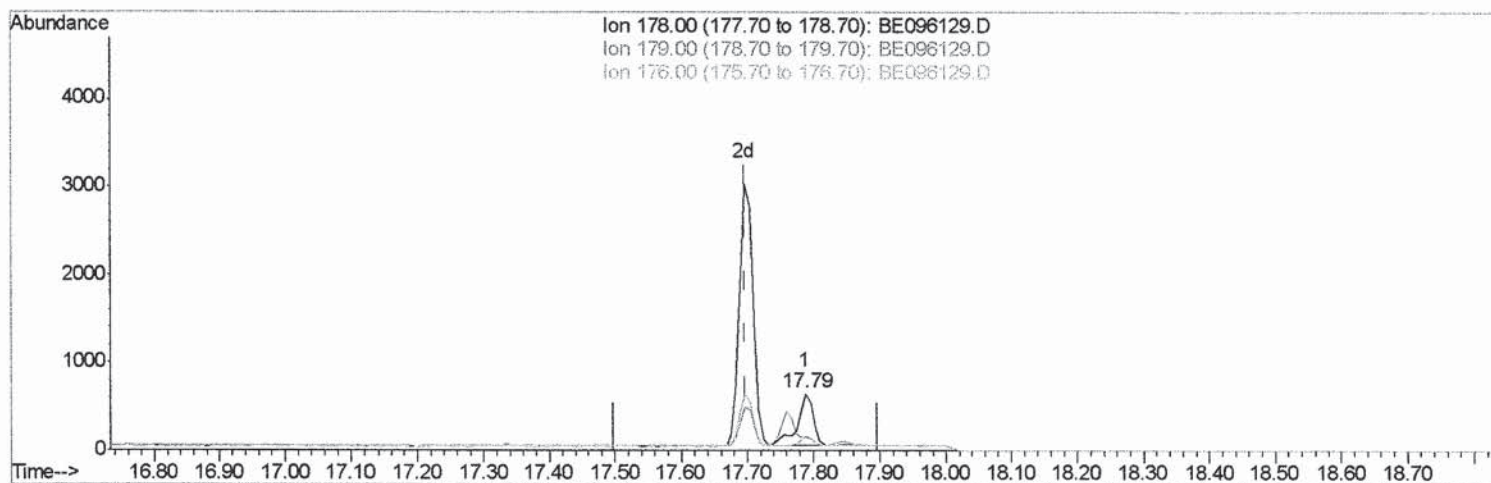
response 5973

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.64
80.00	11.80	14.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(12) Phenanthrene

17.788min (+0.090) 0.06ng/ul

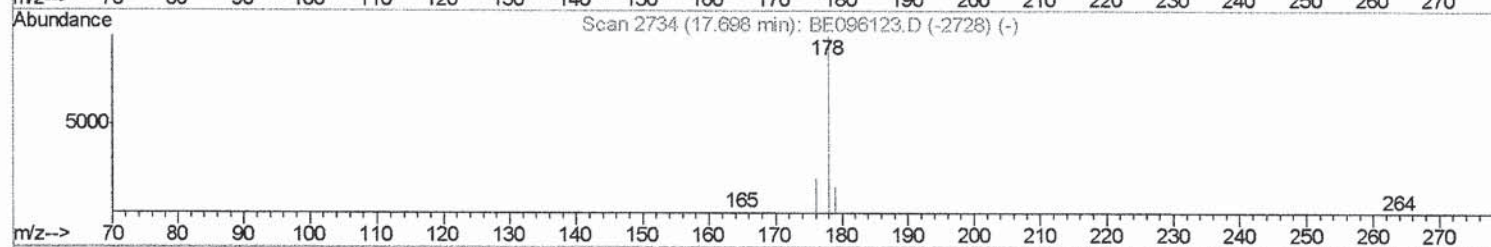
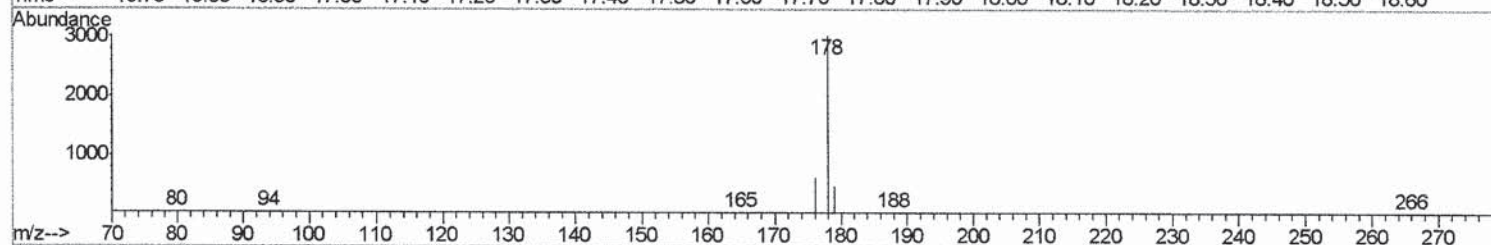
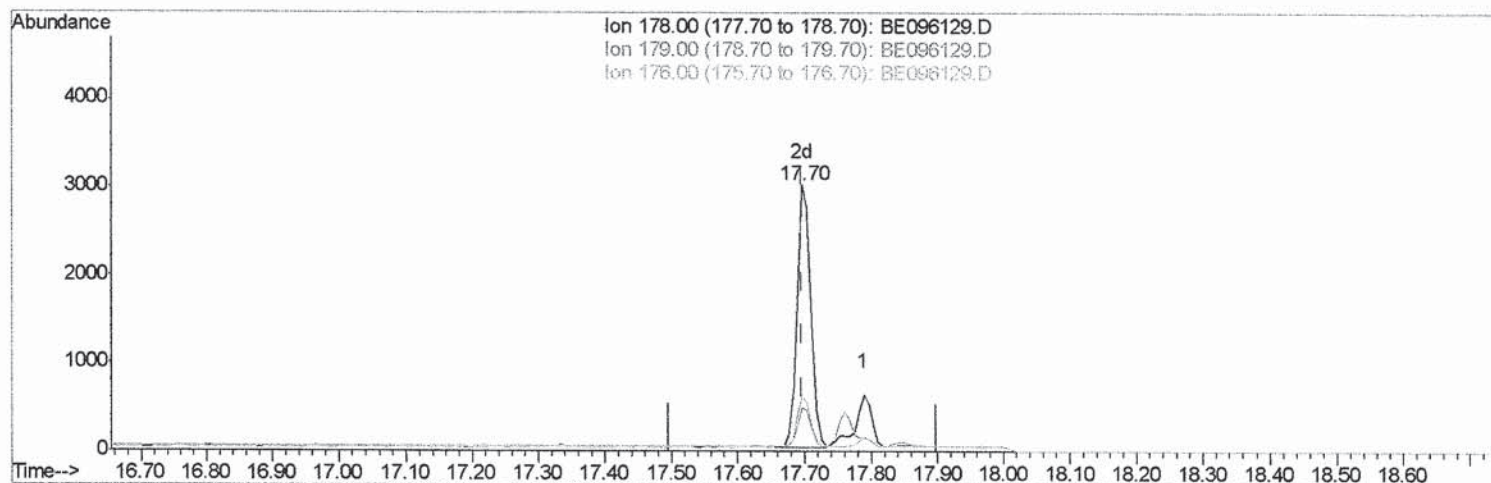
response 984

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	23.08
176.00	17.00	25.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096129.D
Acq On : 24 Apr 2018 20:54
Operator : SJ/JU
Sample : PB108470BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(12) Phenanthrene

17.697min (-0.001) 0.25ng/ul m

response 4357

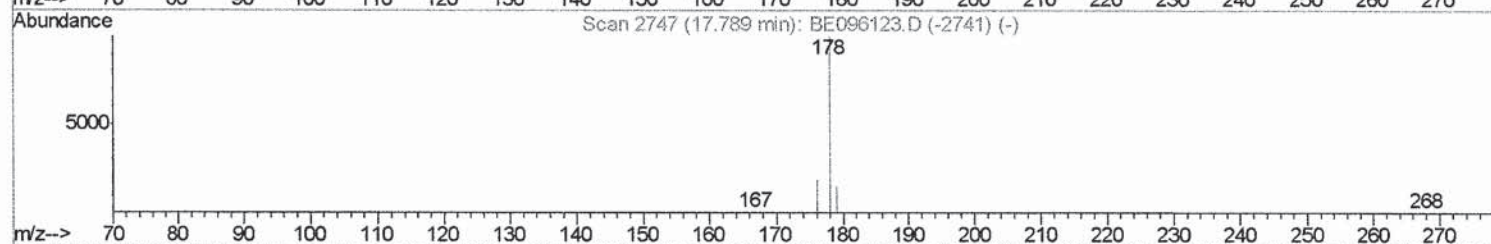
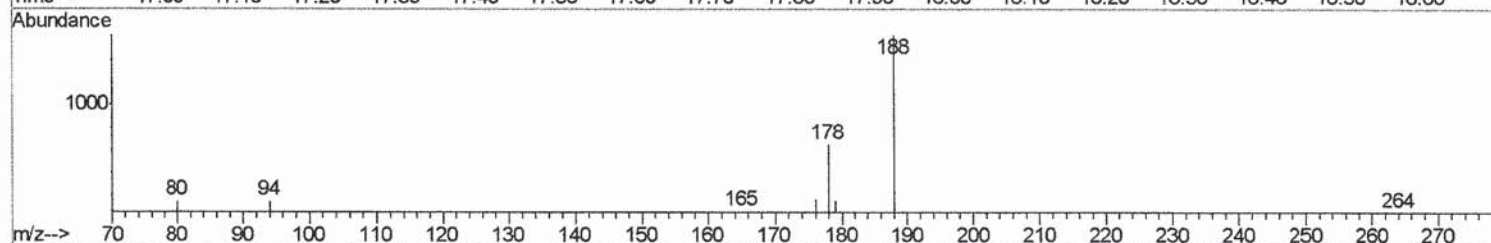
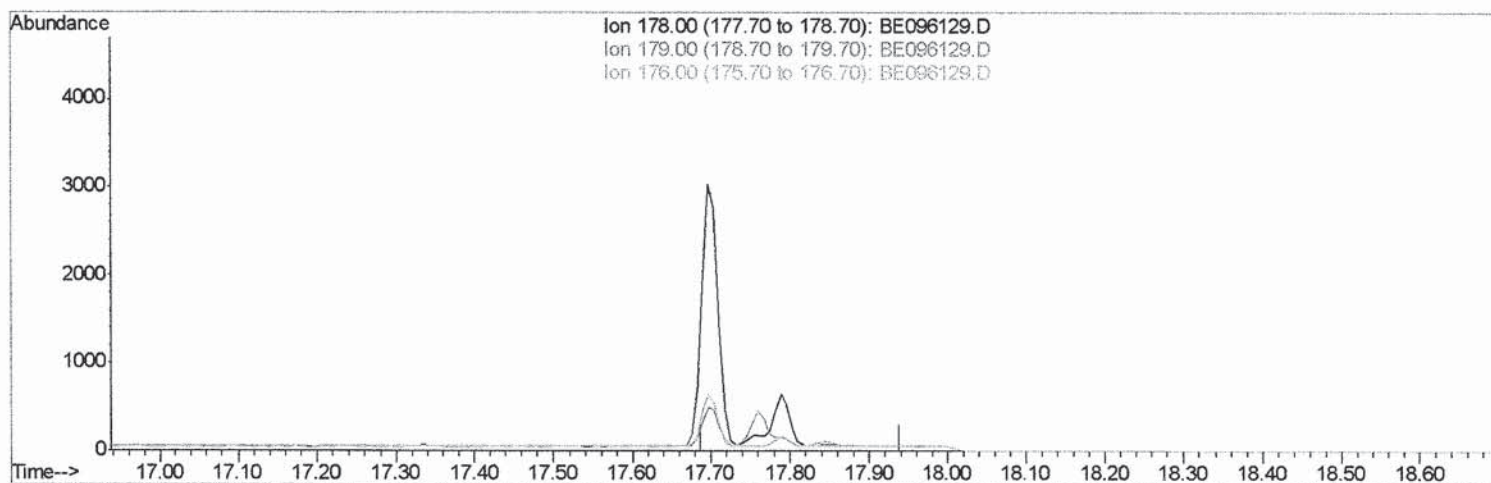
Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.18#
176.00	17.00	21.36#
0.00	0.00	0.00

2018/4/25

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(13) Anthracene

17.789min (-17.789) 0.00ng/ul

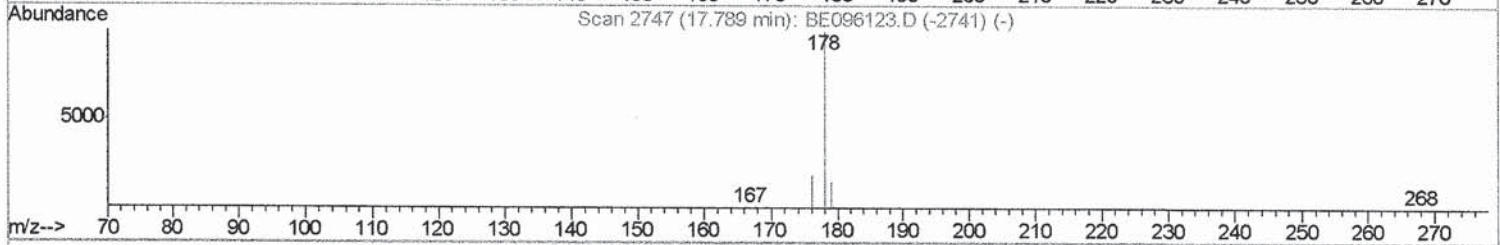
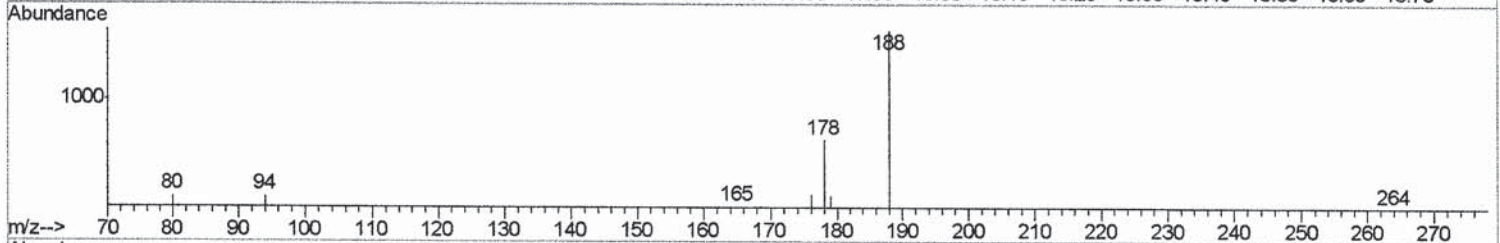
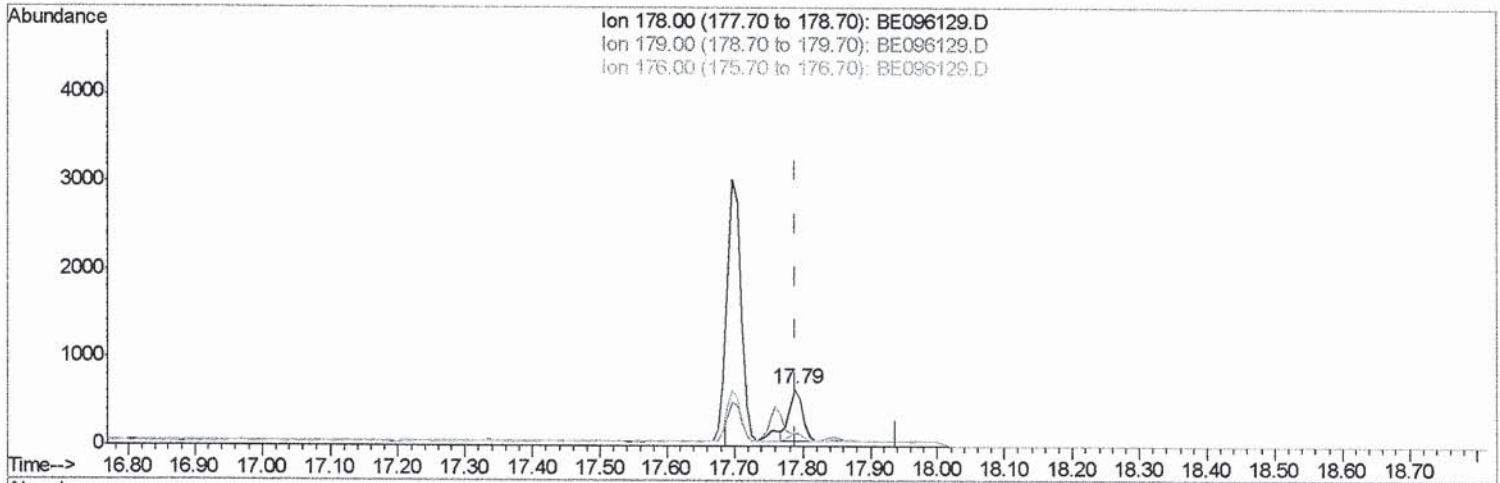
response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(13) Anthracene

17.788min (-0.001) 0.05ng/ul m

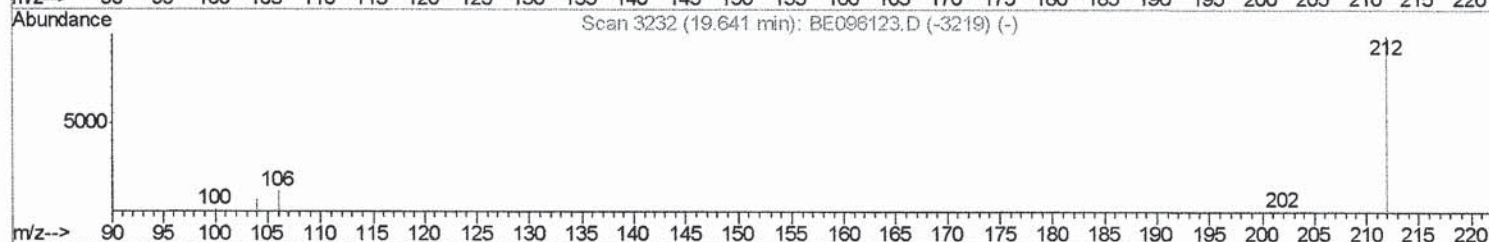
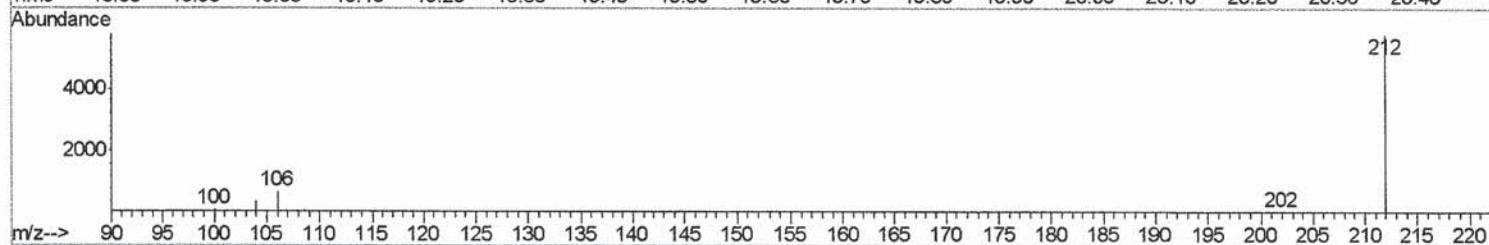
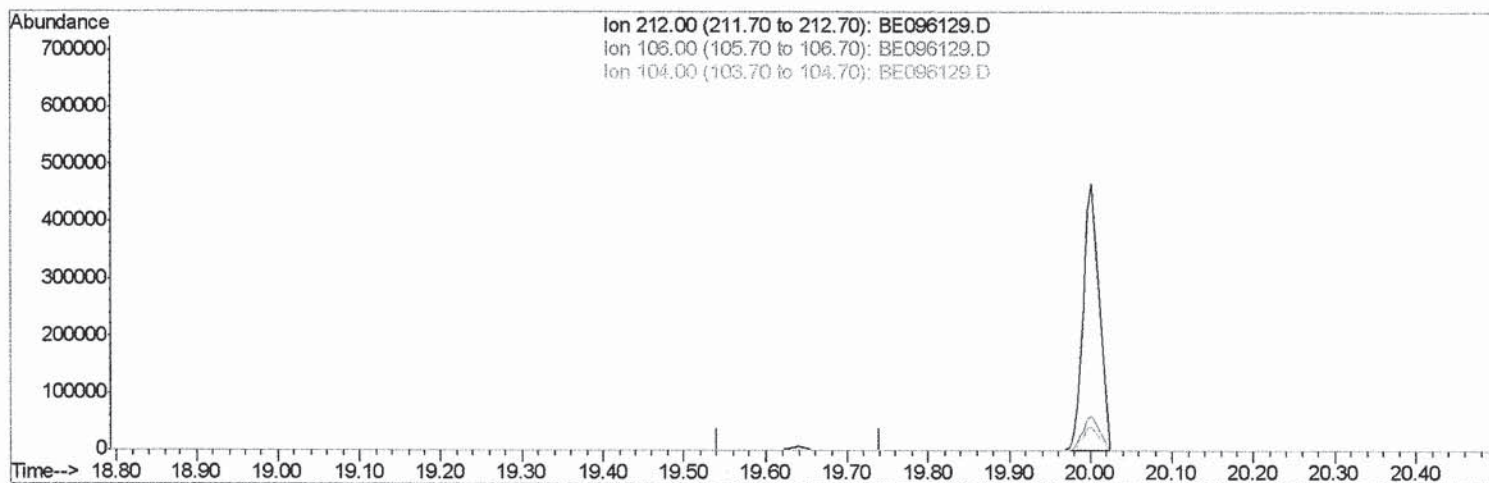
response 802

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	23.08
176.00	18.40	25.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(14) Fluoranthene-d10 (SURR)

19.641min (-19.641) 0.00ng/ui

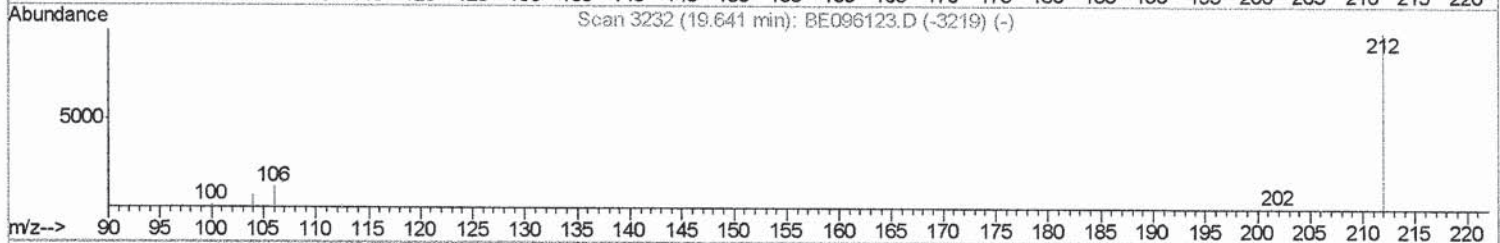
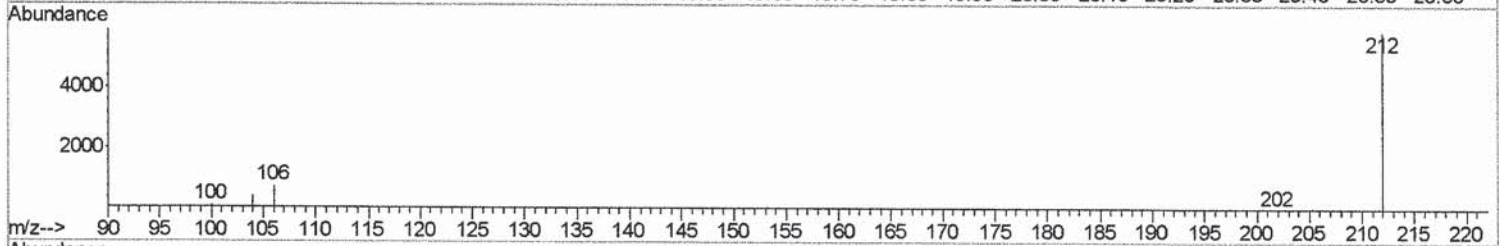
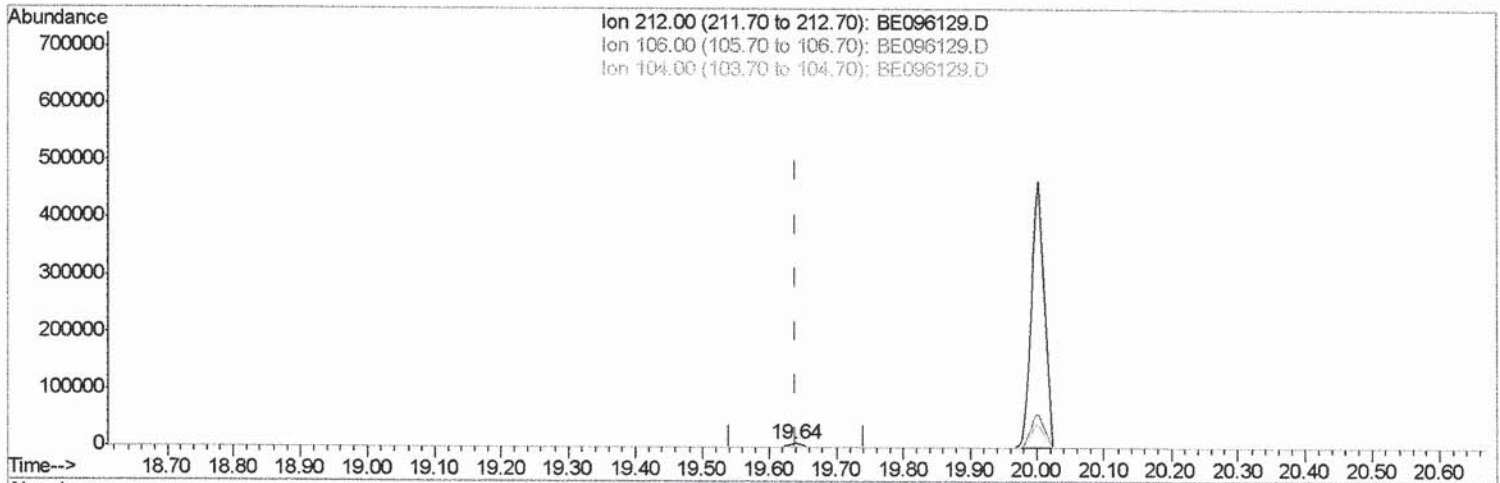
response 0

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 : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(14) Fluoranthene-d10 (SURR)

19.637min (-0.004) 0.29ng/ui m

response 7945

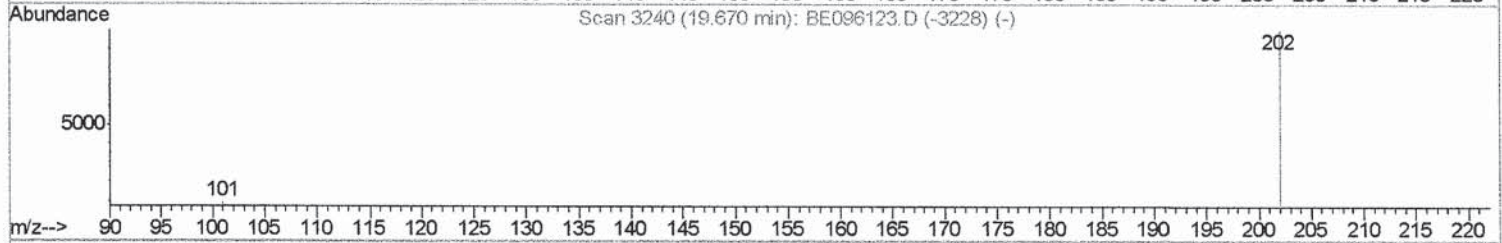
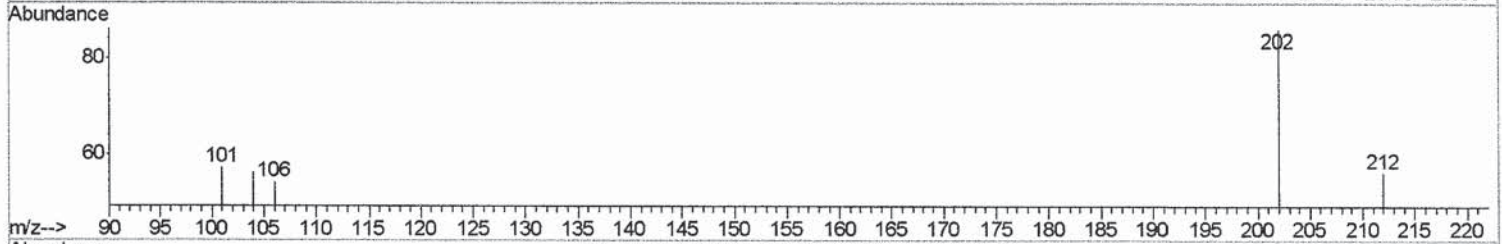
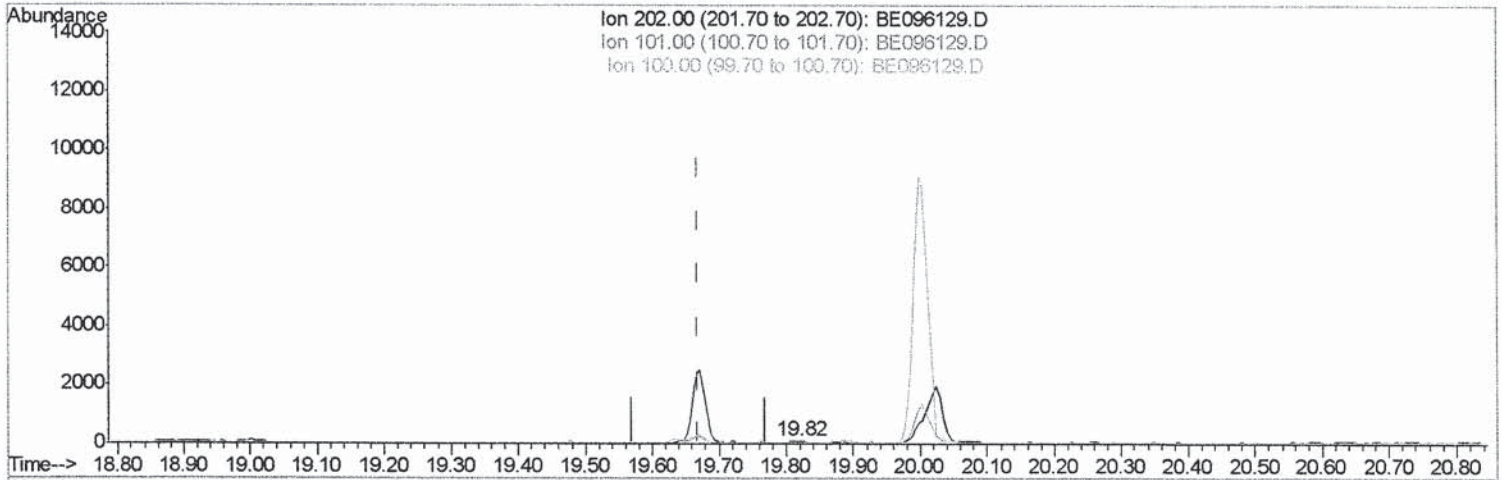
Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Handwritten signature: 2017/2/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(15) Fluoranthene (C)

19.819min (+0.150) 0.00ng/ul

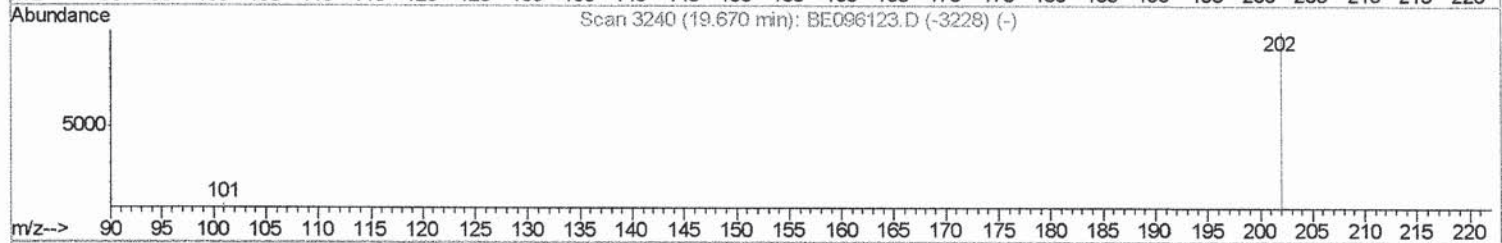
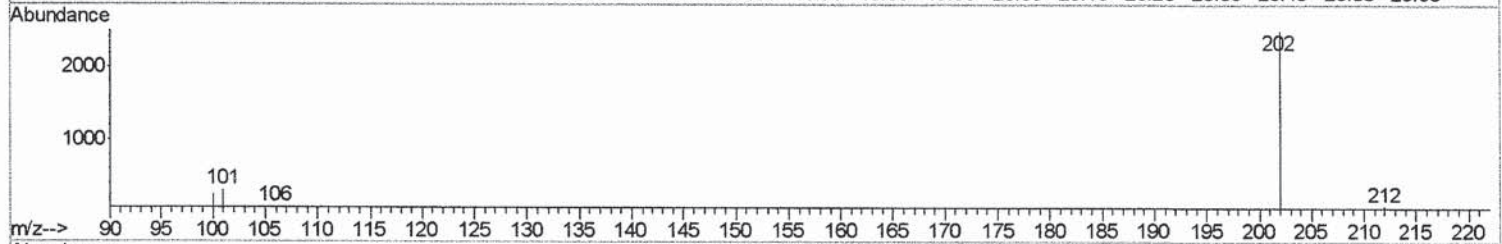
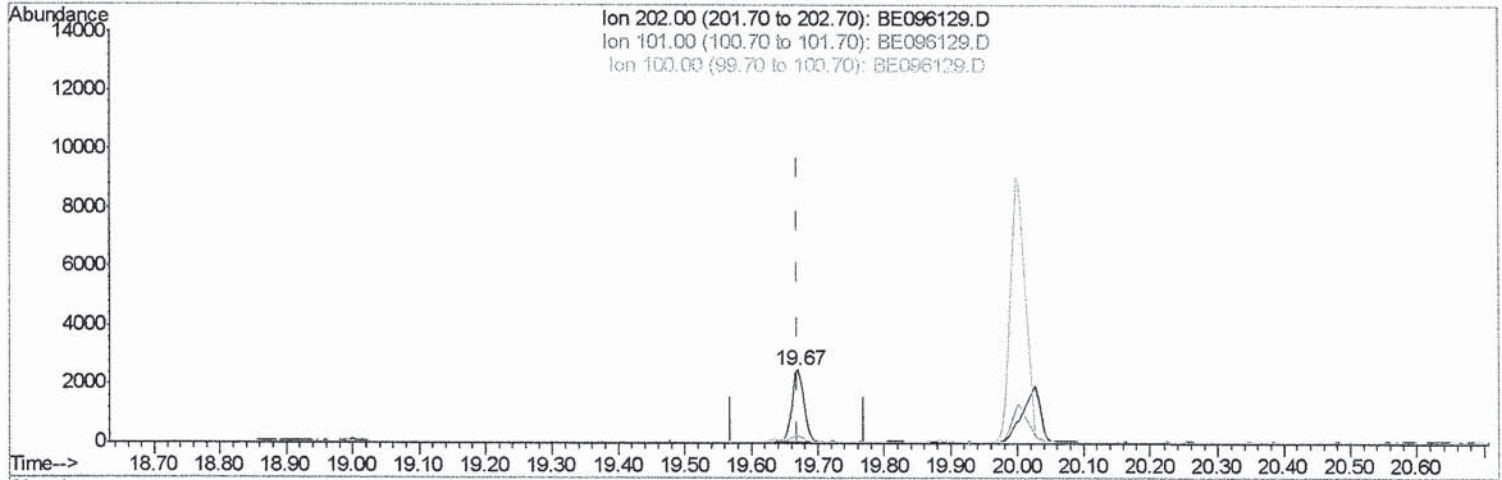
response 38

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	66.28#
100.00	19.50	56.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(15) Fluoranthene (C)

19.670min (-0.000) 0.12ng/ul m

response 3286

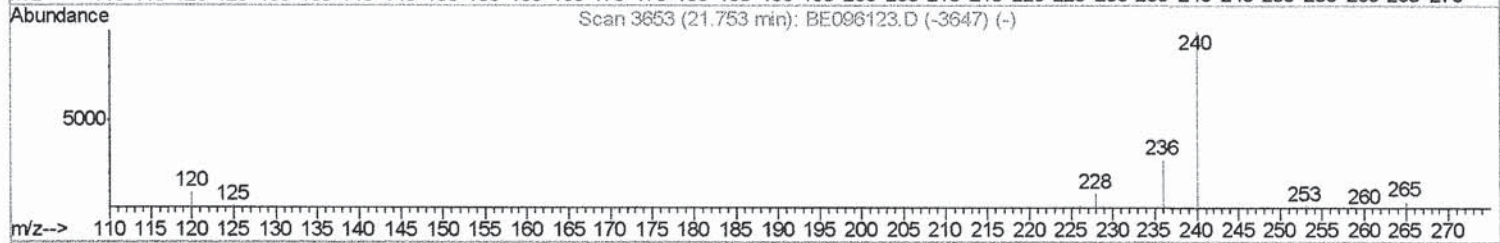
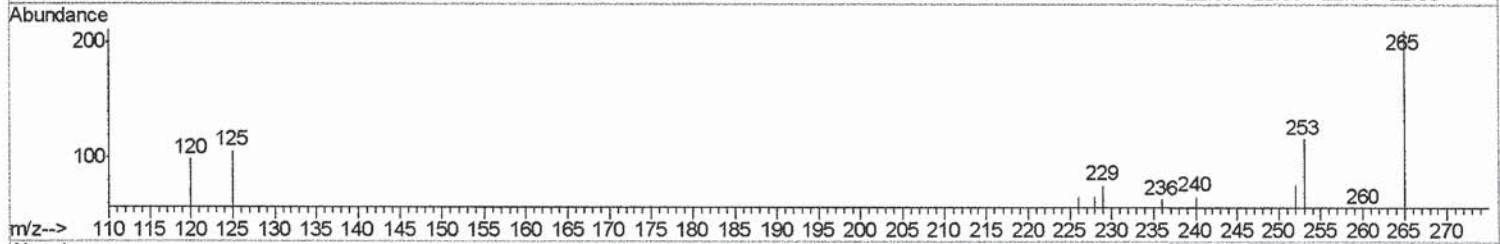
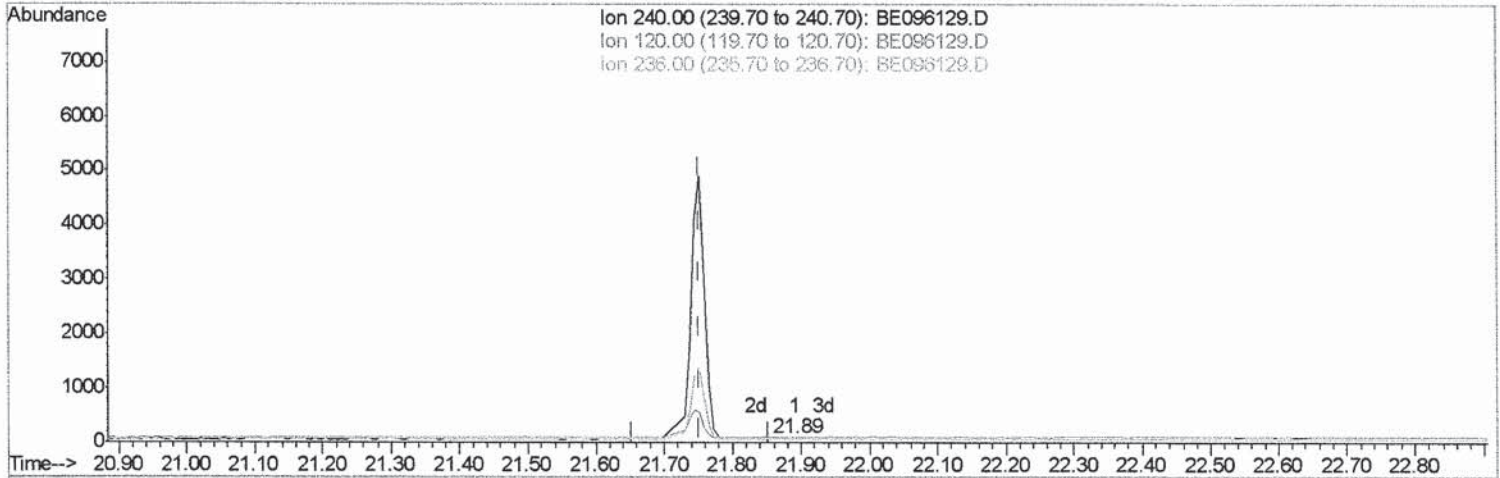
Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.92
100.00	19.50	9.88
0.00	0.00	0.00

2004/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(16) Chrysene-d12 (I)

21.892min (+0.140) 0.40ng/ul

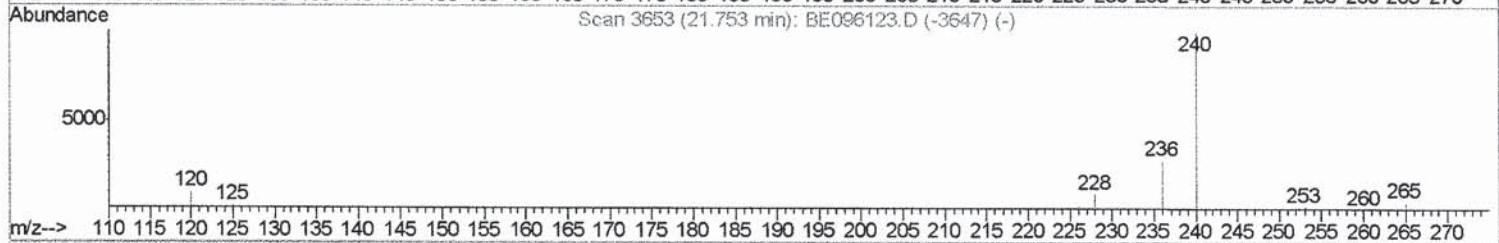
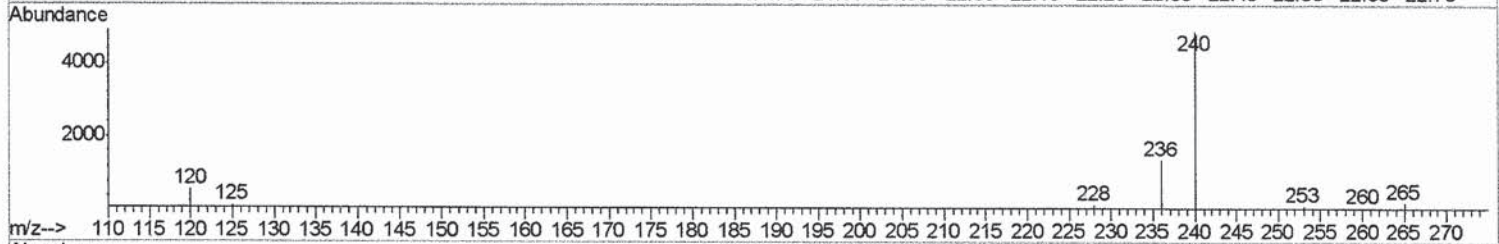
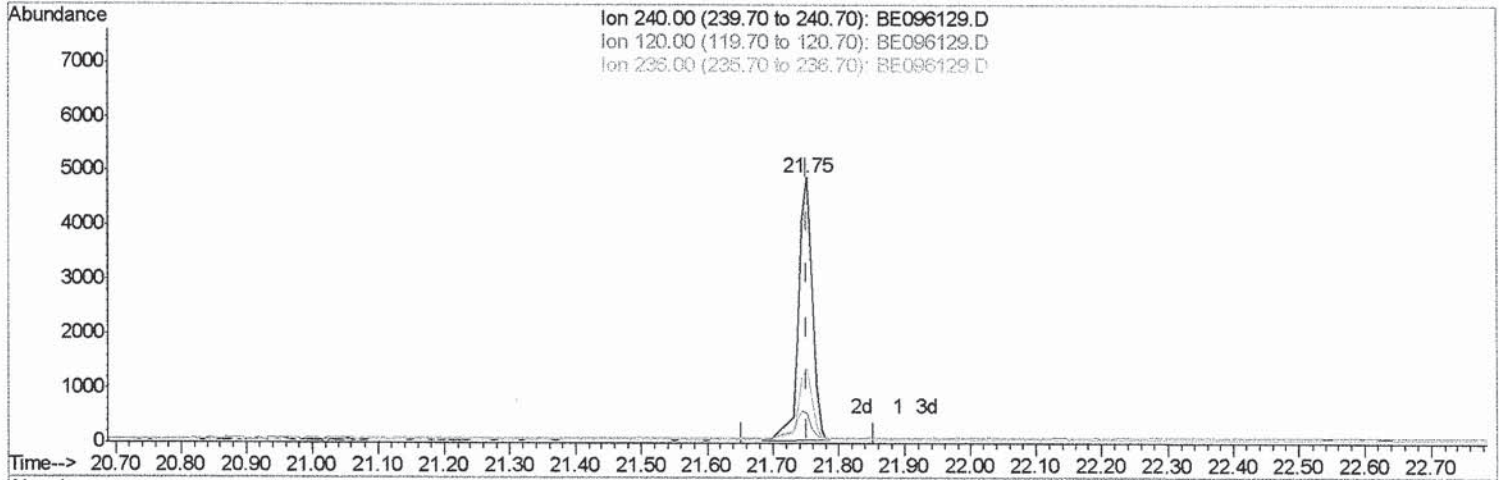
response 3

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	147.76#
236.00	34.90	95.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:58:00 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: BE096129.D

(16) Chrysene-d12 (I)

21.751min (-0.001) 0.40ng/ul m

response 8042

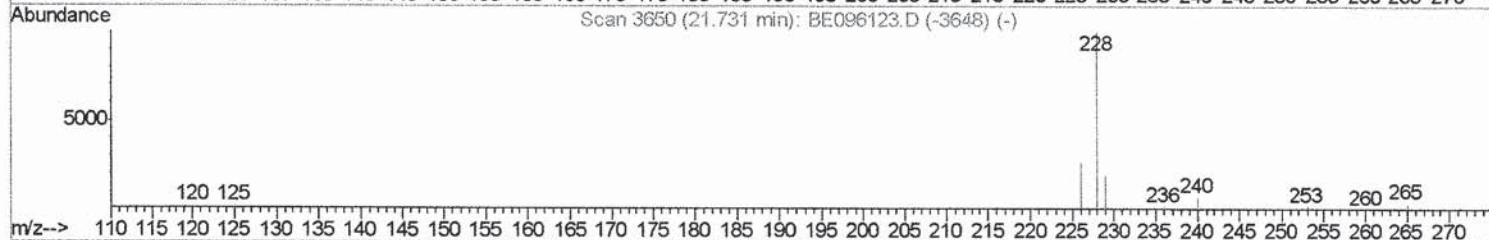
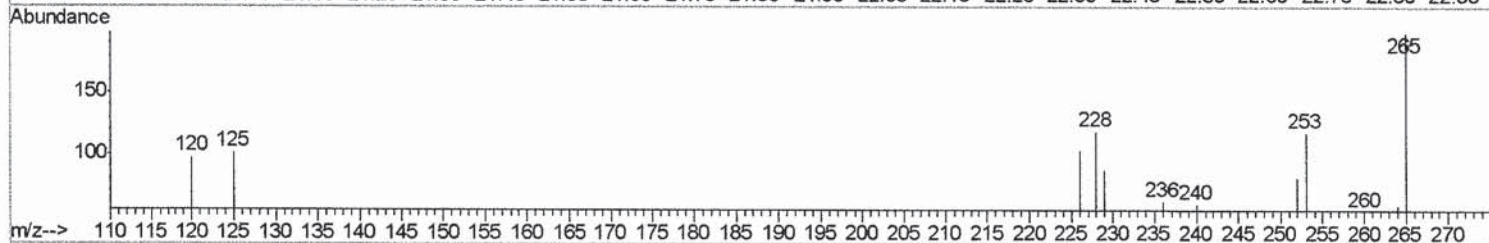
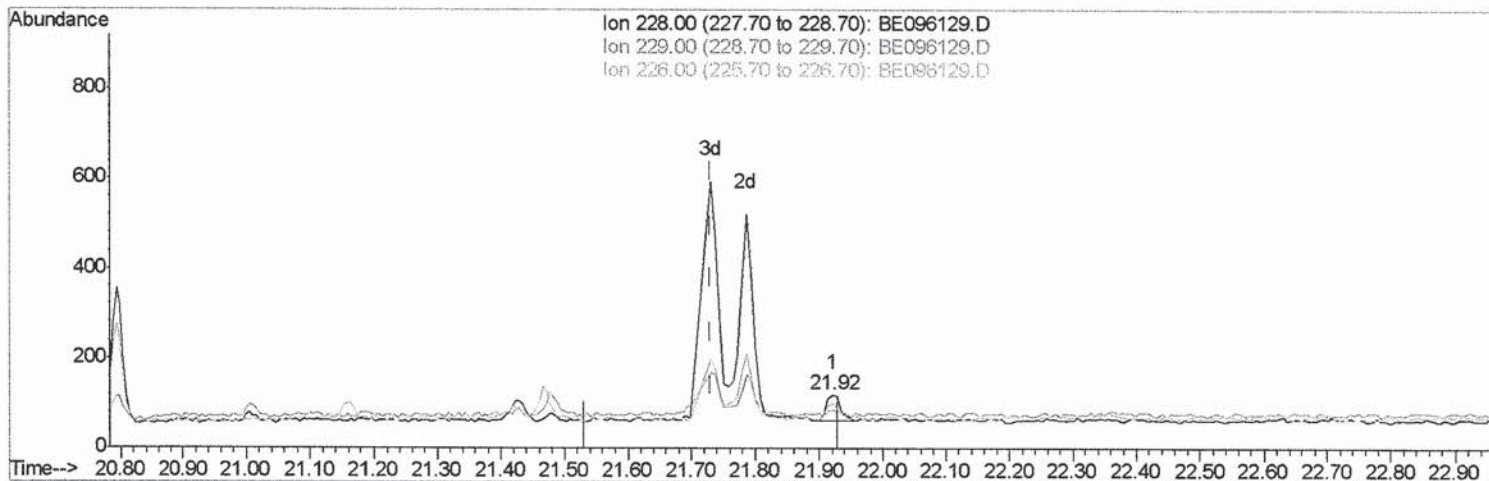
Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.17#
236.00	34.90	28.05
0.00	0.00	0.00

Handwritten signature: JU 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:59:32 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



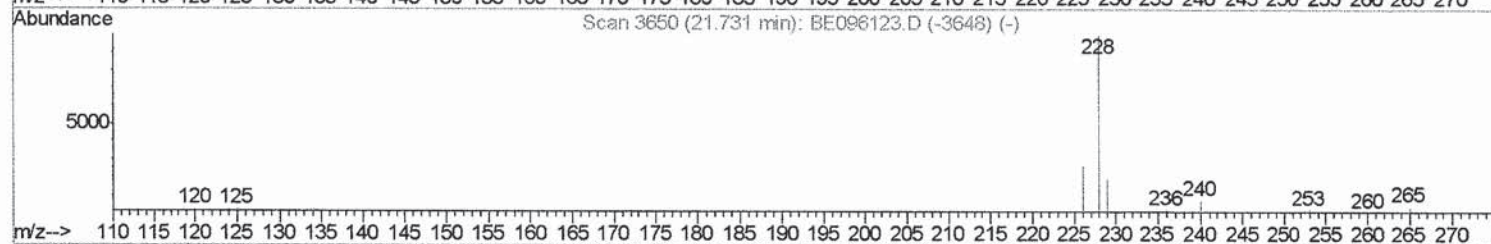
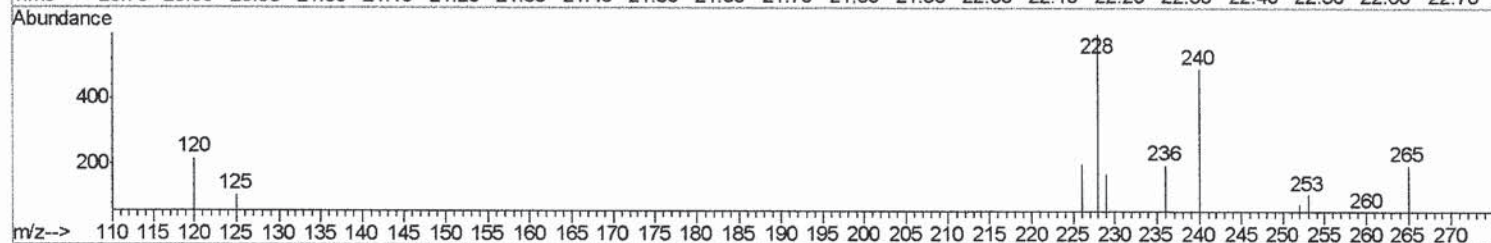
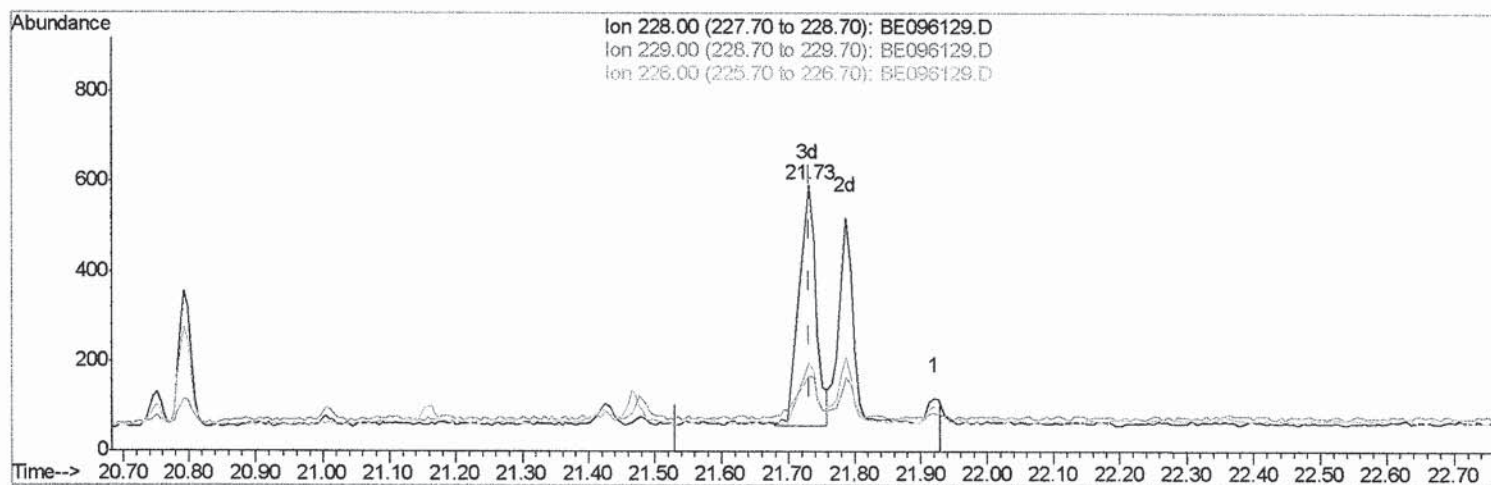
TIC: BE096129.D

(18) Benzo(a)anthracene
 21.920min (+0.189) 0.00ng/ul
 response 95

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	73.11#
226.00	21.30	86.55#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096129.D
Acq On : 24 Apr 2018 20:54
Operator : SJ/JU
Sample : PB108470BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:59:32 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: BE096129.D

21.730min (-0.001) 0.03ng/ul m

response 727

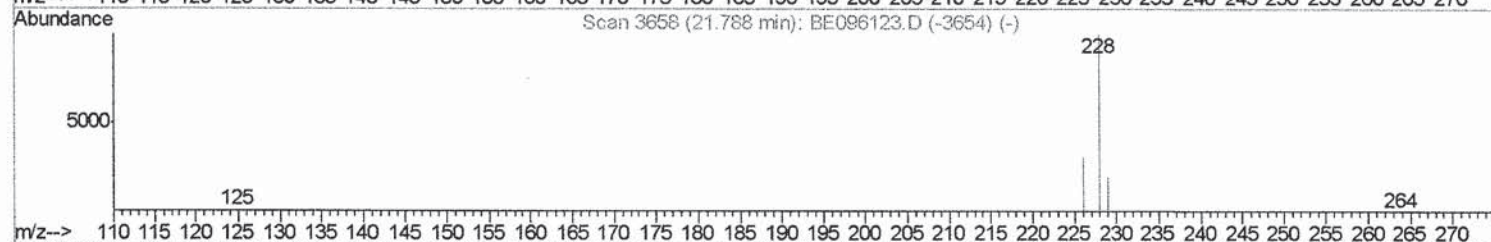
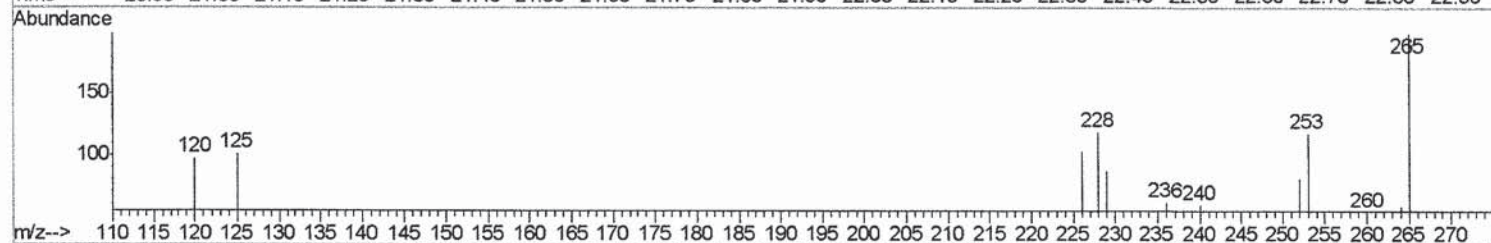
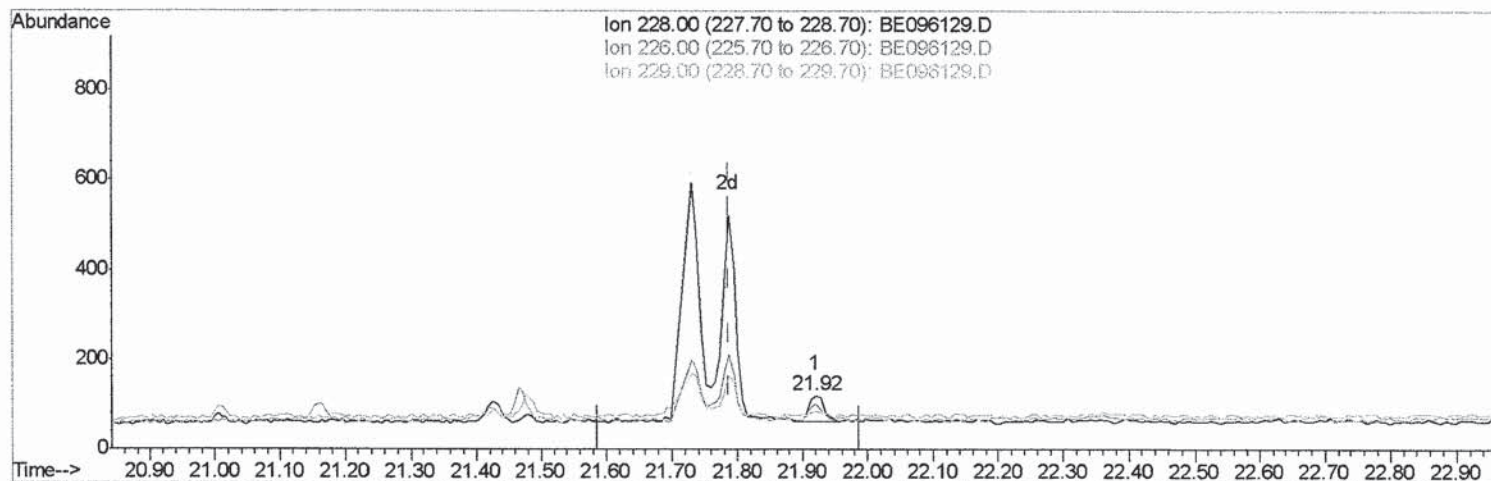
Ion	Exp%	Act%
228.00	100	100
229.00	28.50	28.84
226.00	21.30	33.73#
0.00	0.00	0.00

m 204/23/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:59:32 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: BE096129.D

(19) Chrysene

21.920min (+0.132) 0.00ng/ul

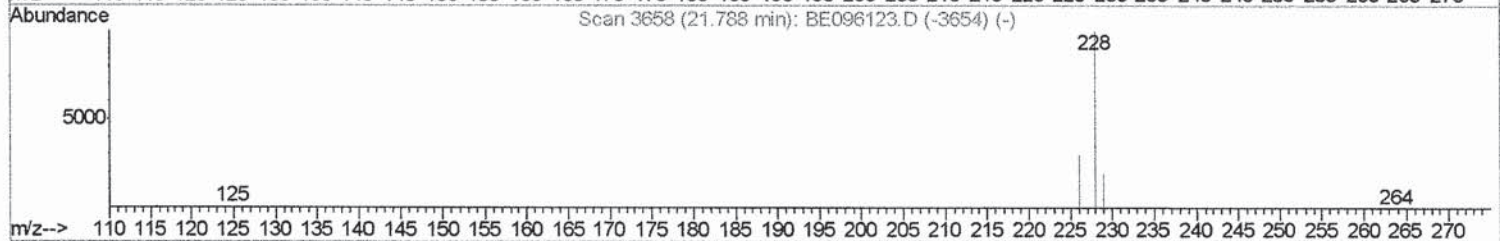
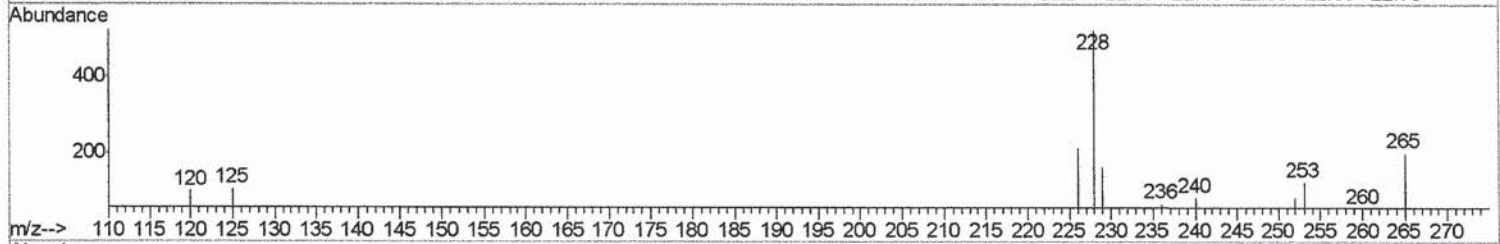
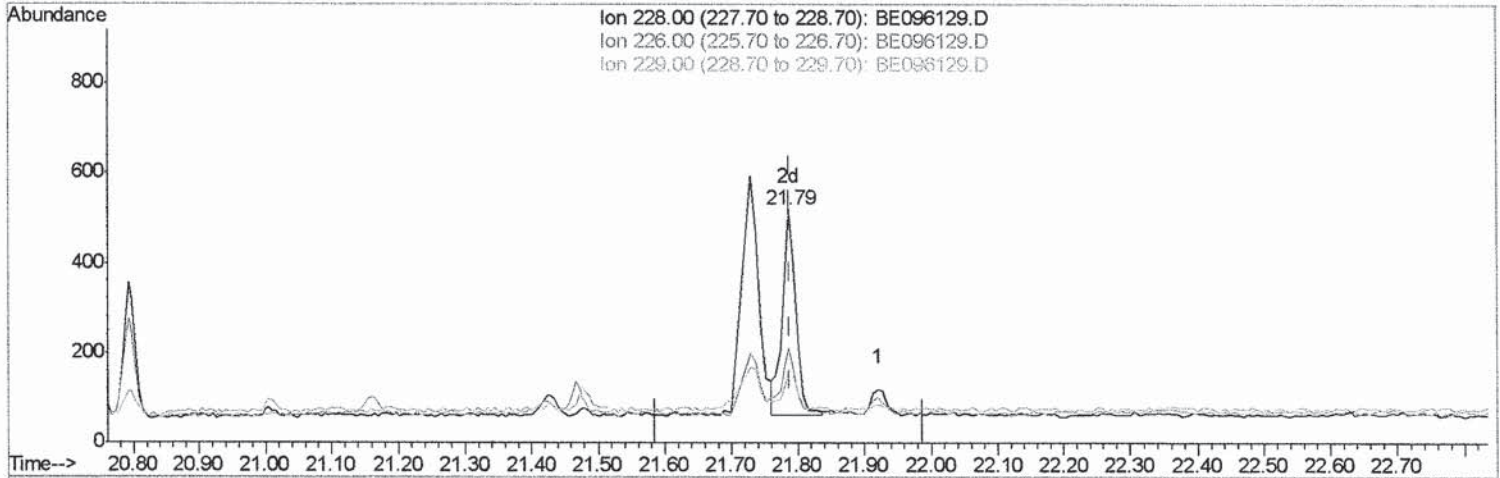
response 95

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	86.55#
229.00	22.10	73.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:59:32 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: BE096129.D

(19) Chrysene

21.787min (-0.001) 0.03ng/ul m

response 673

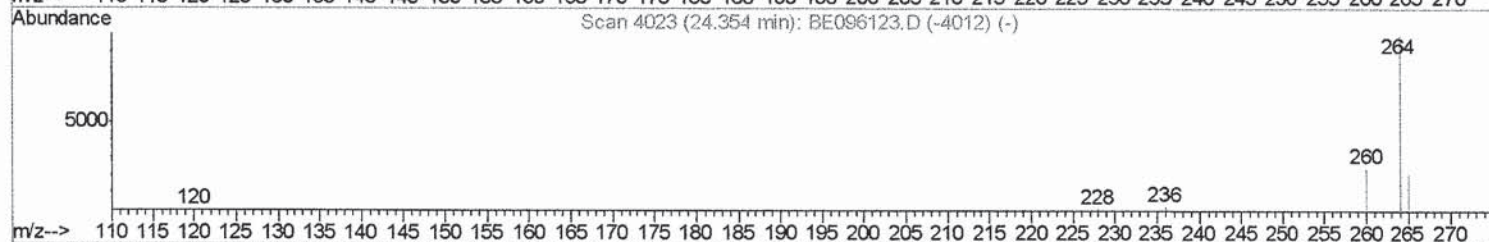
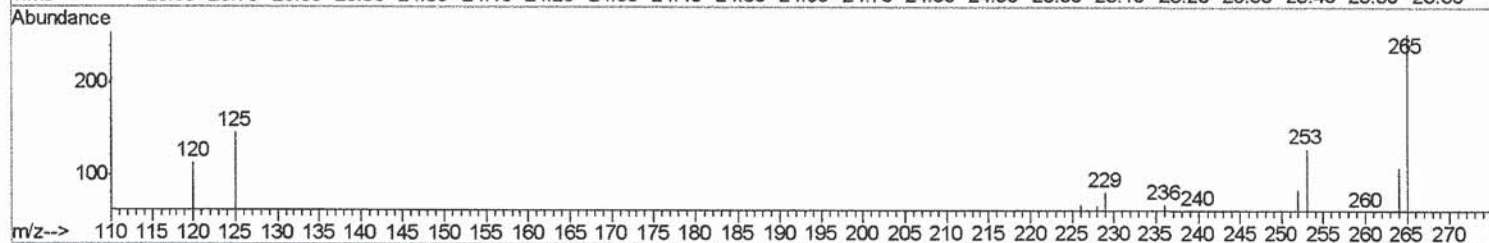
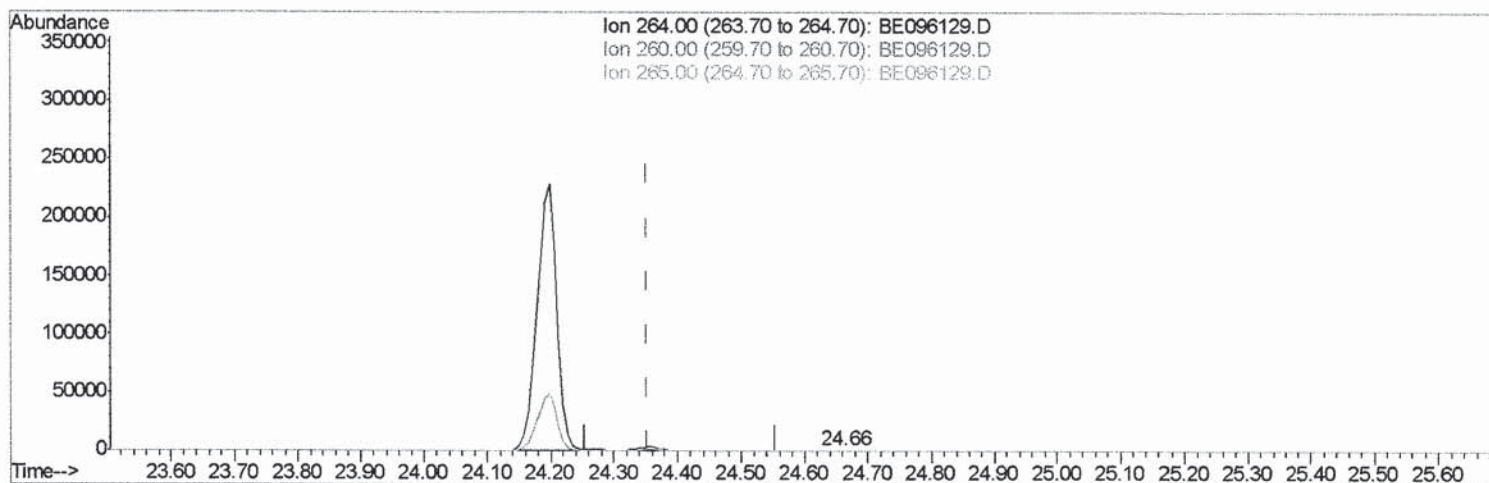
Ion	Exp%	Act%
228.00	100	100
226.00	29.20	40.66#
229.00	22.10	31.79#
0.00	0.00	0.00

Handwritten signature: JU 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096129.D
Acq On : 24 Apr 2018 20:54
Operator : SJ/JU
Sample : PB108470BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:59:32 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: BE096129.D

(20) Perylene-d12 (I)

24.663min (+0.308) 0.40ng/ul

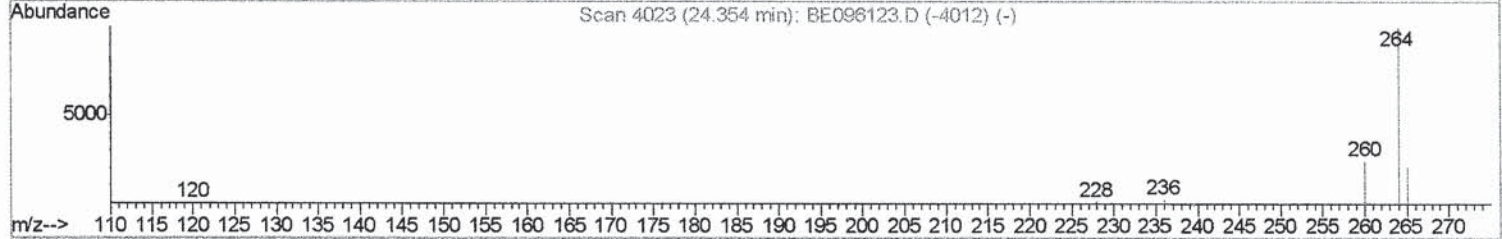
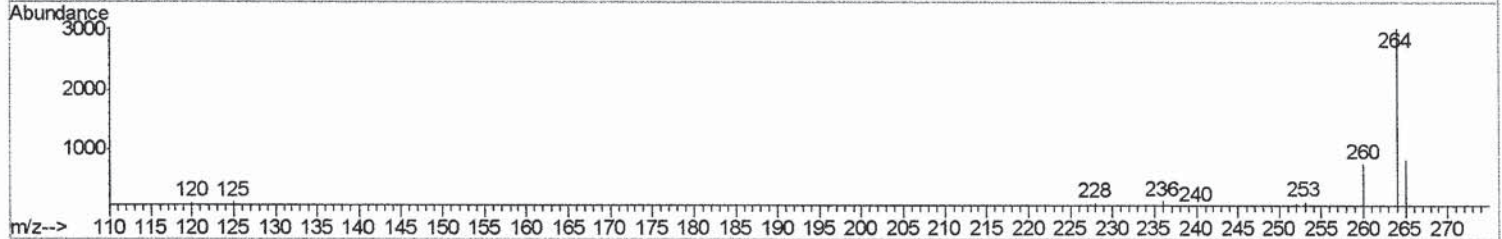
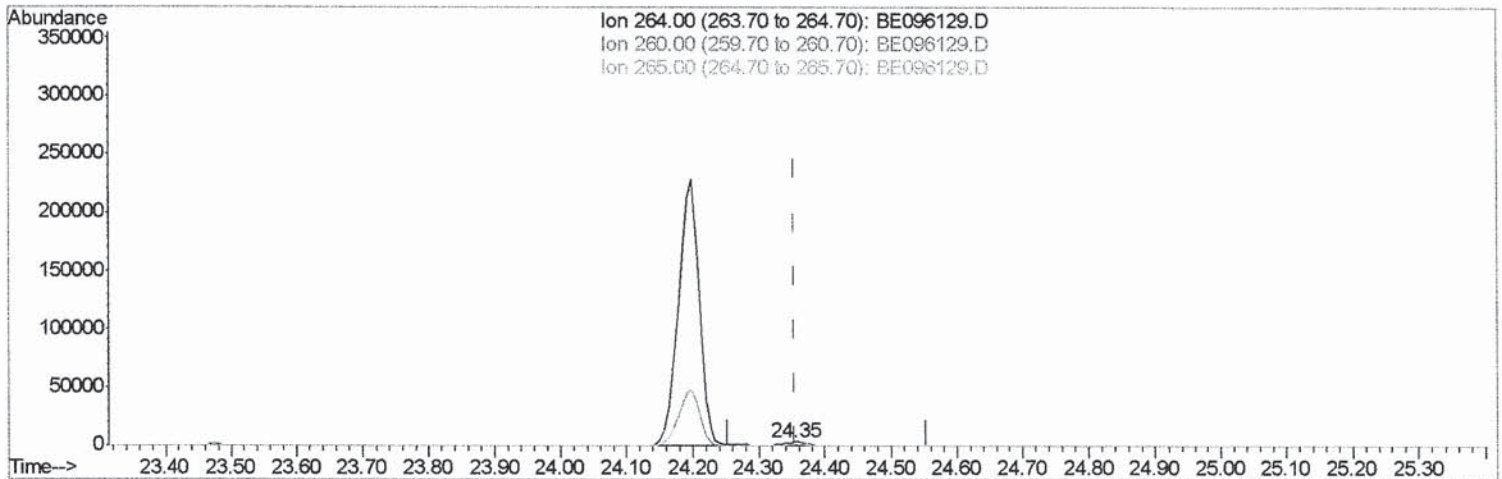
response 15

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	56.48#
265.00	103.50	235.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:59:32 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: BE096129.D

(20) Perylene-d12 (I)

24.353min (-0.001) 0.40ng/ul m

response 6319

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.45
265.00	103.50	27.80#
0.00	0.00	0.00

SJ 04/27/18

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 06:00:41 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	867	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3371	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5973m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	8042m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6319m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1892	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7945m	0.29	ng/ul	0.00
Target Compounds						
9) Fluorene	15.98	166	600	0.056	ng/ul	Ovalue 91
12) Phenanthrene	17.70	178	4357m	0.248	ng/ul	
13) Anthracene	17.79	178	802m	0.045	ng/ul	
15) Fluoranthene	19.67	202	3286m	0.122	ng/ul	
17) Pyrene	20.02	202	2440	0.151	ng/ul#	87
18) Benzo(a)anthracene	21.73	228	727m	0.030	ng/ul	
19) Chrysene	21.79	228	673m	0.030	ng/ul	

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