

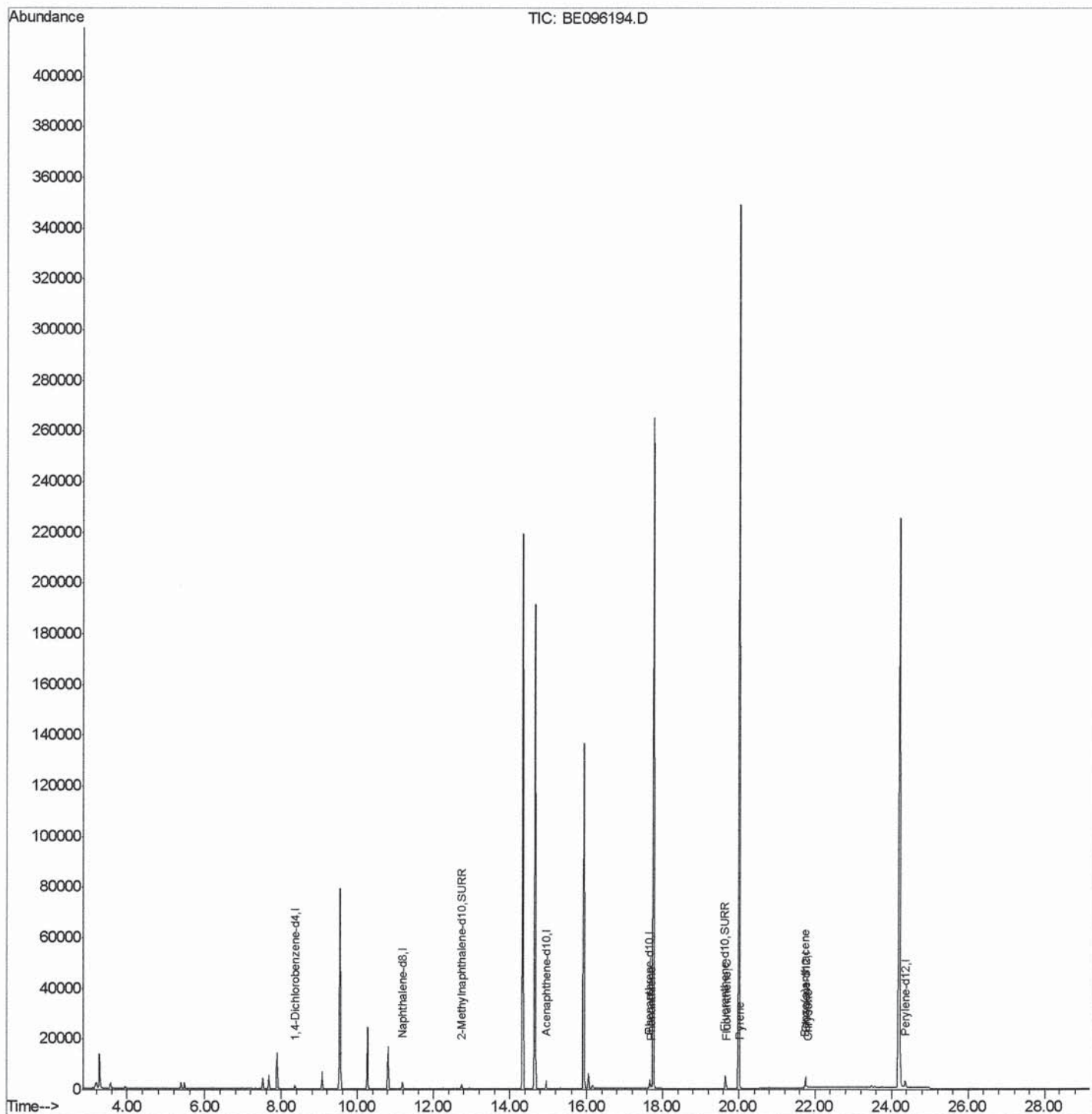
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096194.D
Acq On : 27 Apr 2018 00:10
Operator : SJ/JU
Sample : J2466-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF0

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:09:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

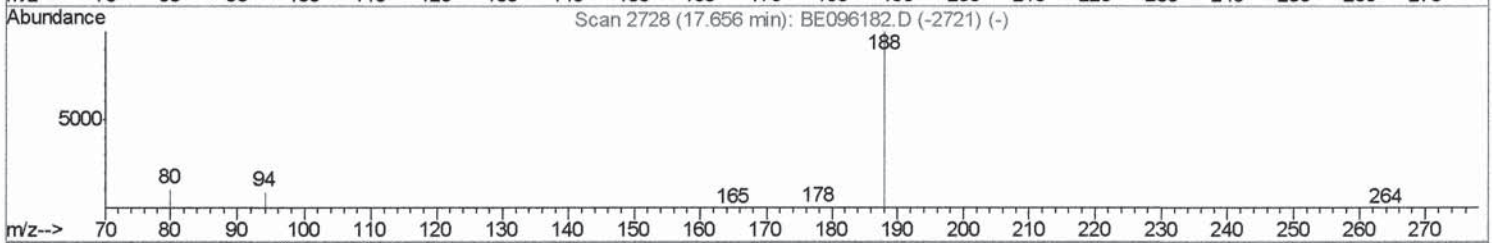
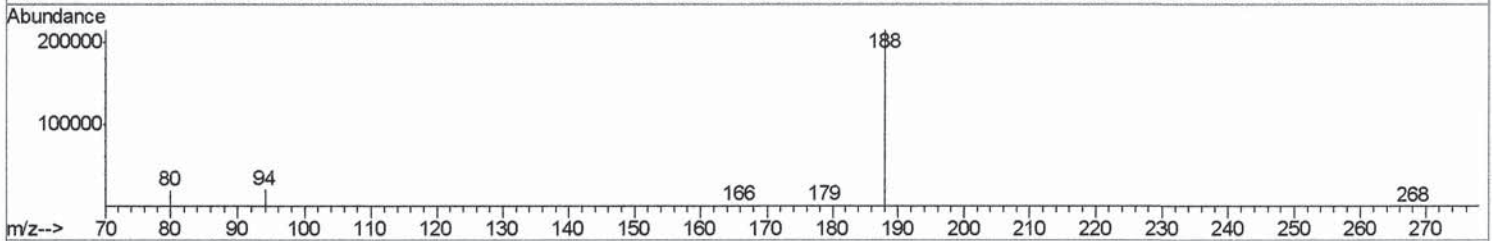
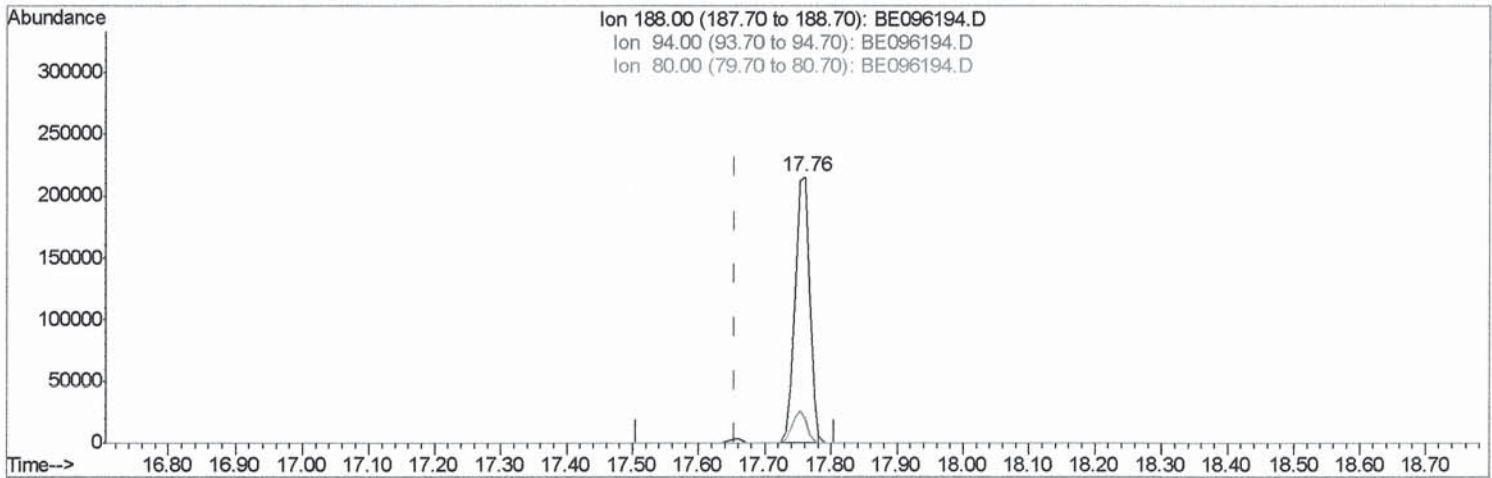
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 05:03:10 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(10) Phenanthrene-d10 (I)
 17.760min (+0.104) 0.40ng/ul
 response 325836

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.38
80.00	11.80	8.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

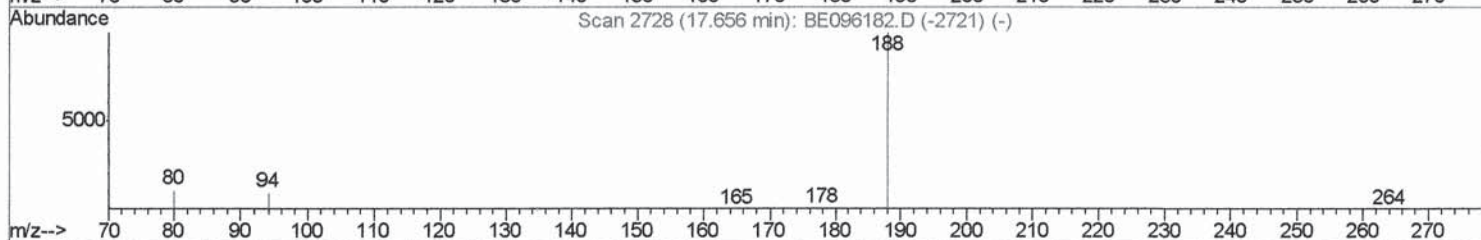
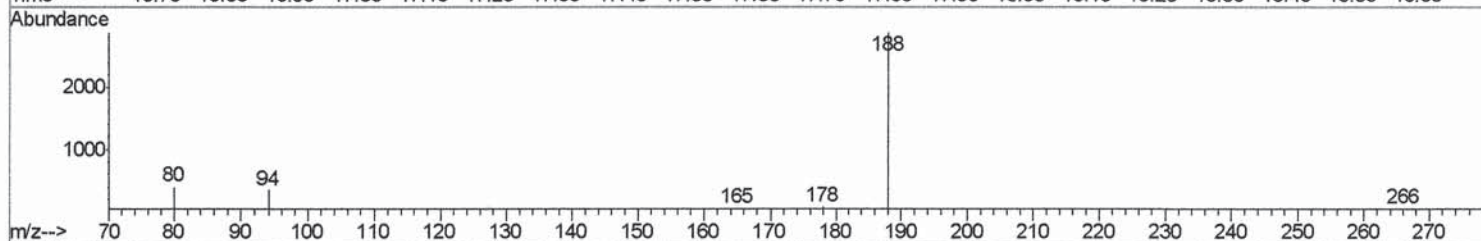
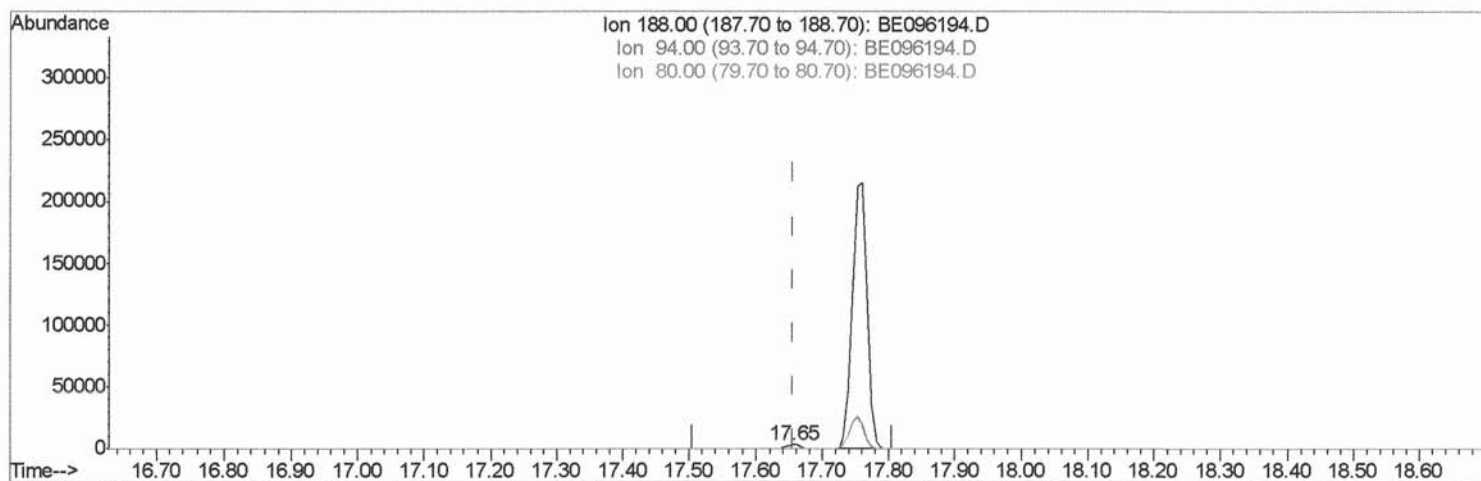
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096194.D
Acq On : 27 Apr 2018 00:10
Operator : SJ/JU
Sample : J2466-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF0

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:40 PM

Quant Time: Apr 27 05:03:10 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



TIC: BE096194.D

(10) Phenanthrene-d10 (I)

17.654min (-0.002) 0.40ng/ul m> SJ 5/1/18

response 4128

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.30
80.00	11.80	13.94
0.00	0.00	0.00

Quantitation Report (Qedit)

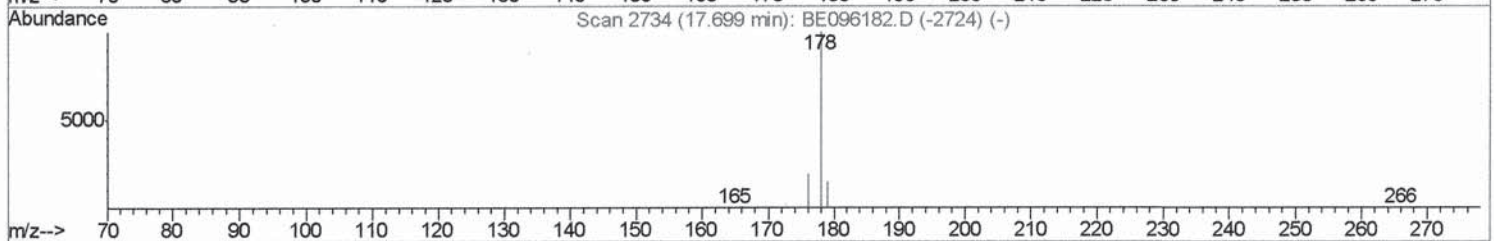
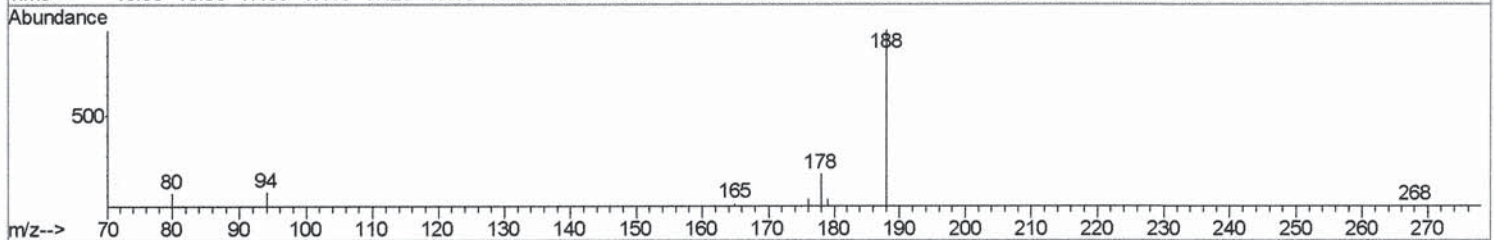
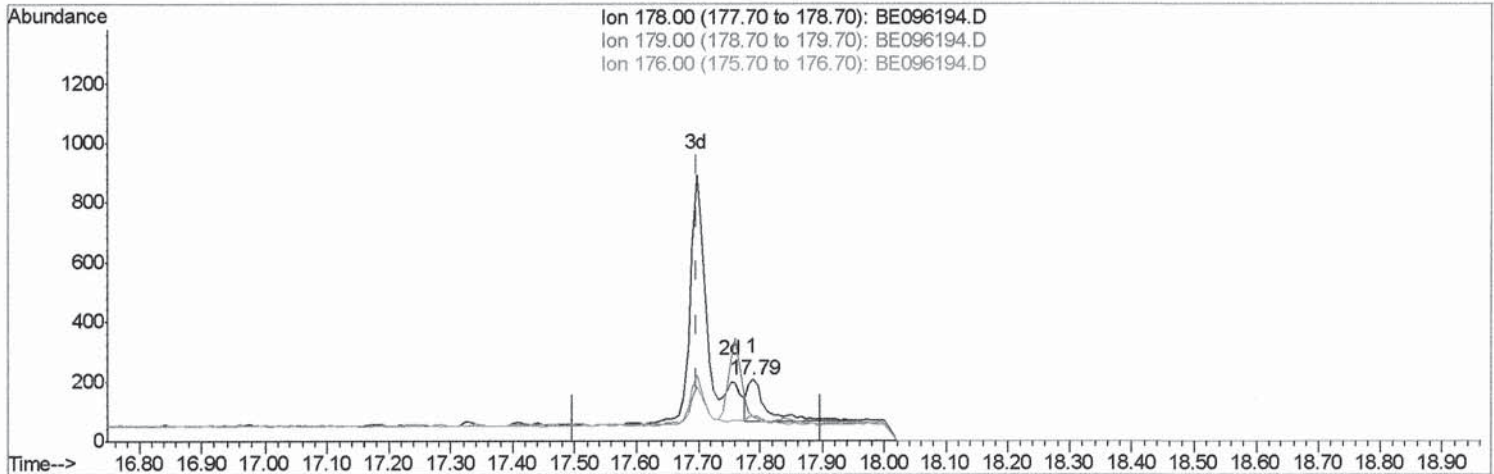
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 06:51:22 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(12) Phenanthrene

17.788min (+0.090) 0.03ng/ul

response 307

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	40.29#
176.00	17.00	40.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

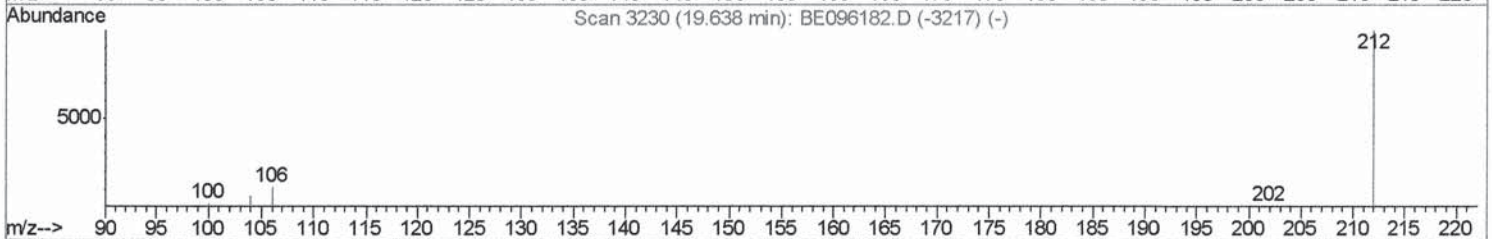
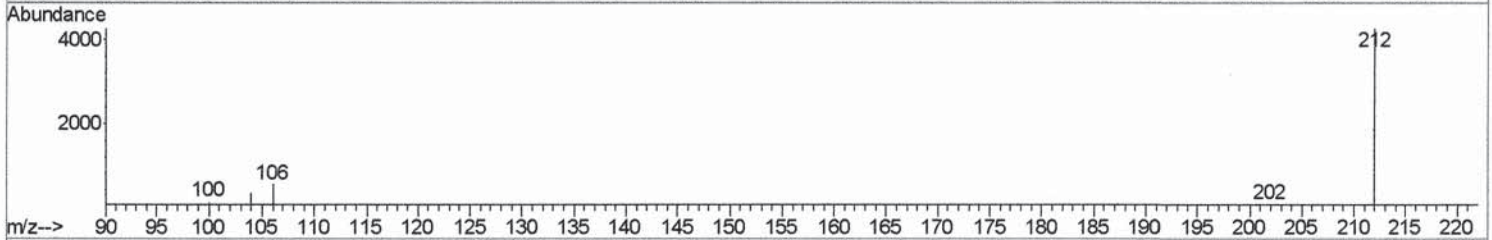
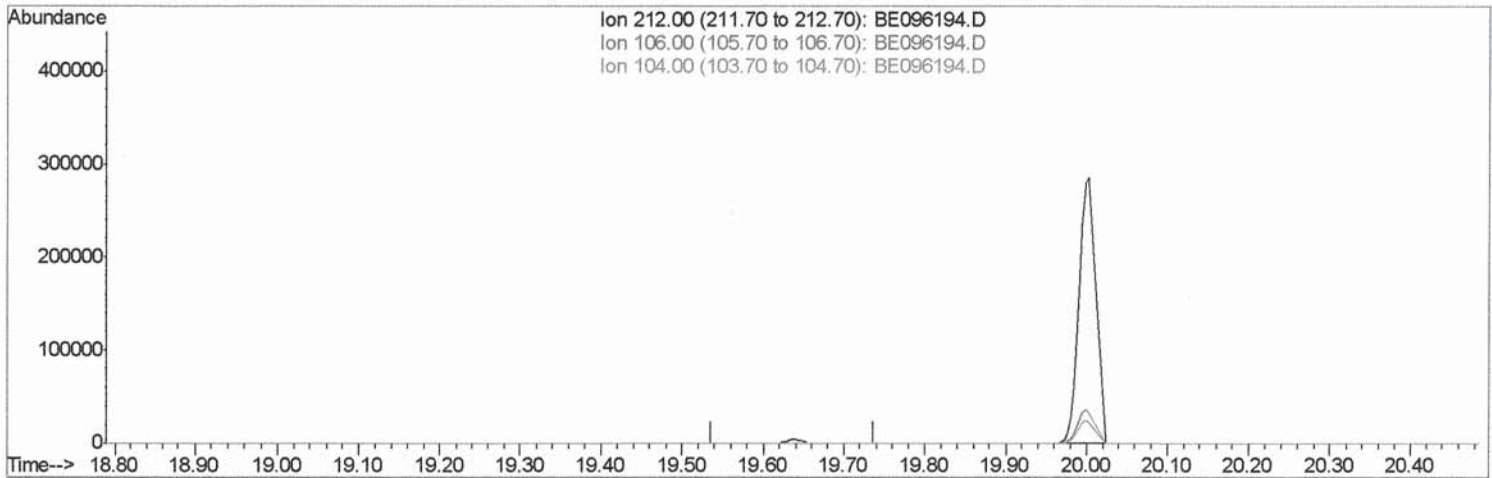
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 06:53:52 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(14) Fluoranthene-d10 (SURR)

19.638min (-19.638) 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)

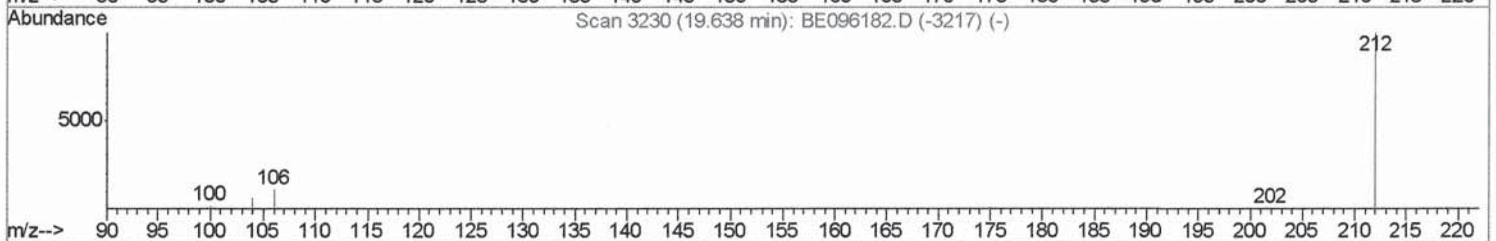
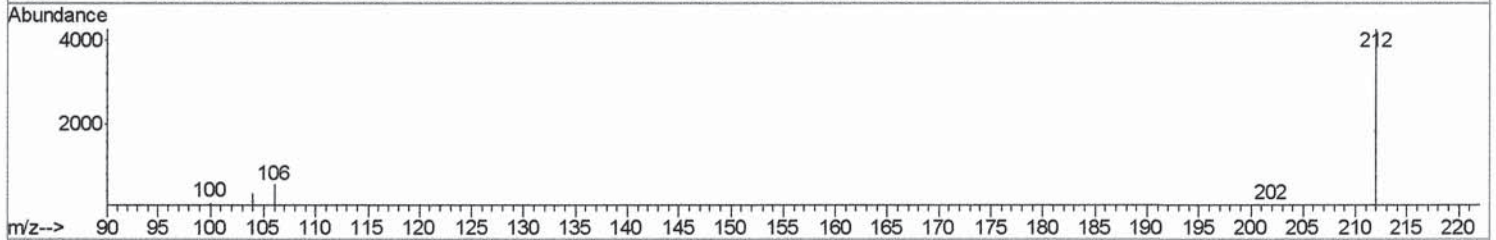
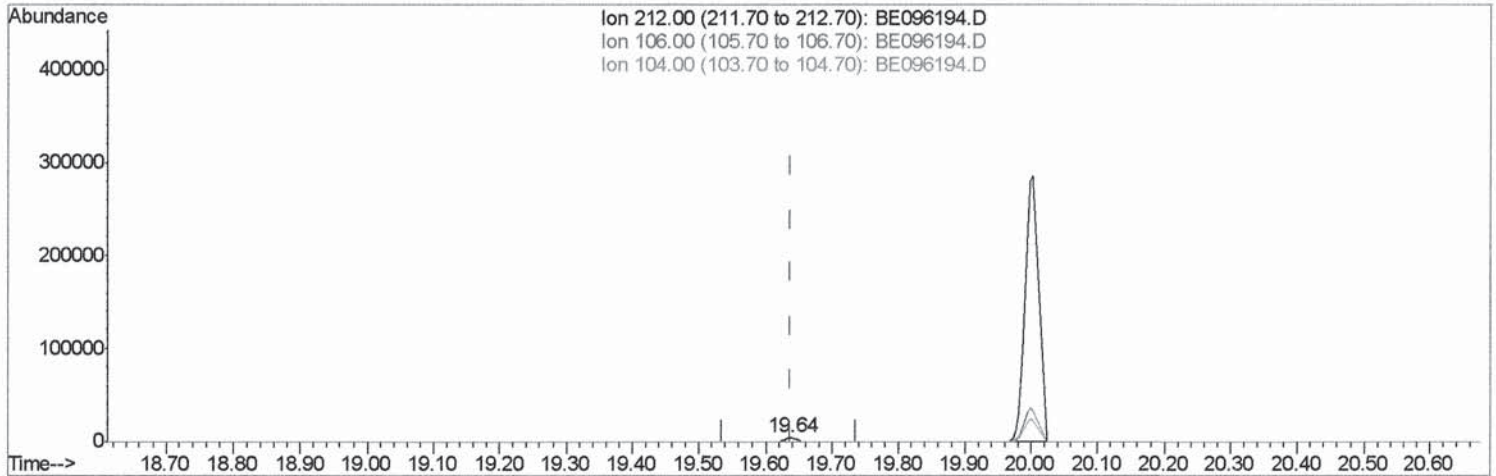
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 06:53:52 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(14) Fluoranthene-d10 (SURR)

19.638min (+0.000) 0.29ng/ul m) SJ 5/1/18

response 5573

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)

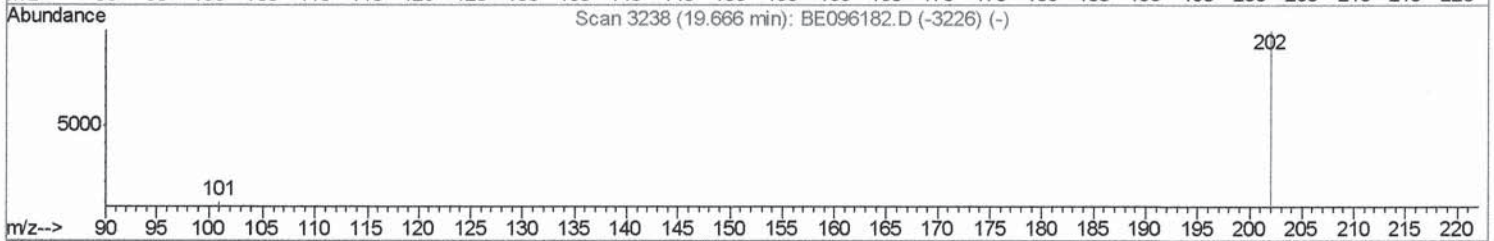
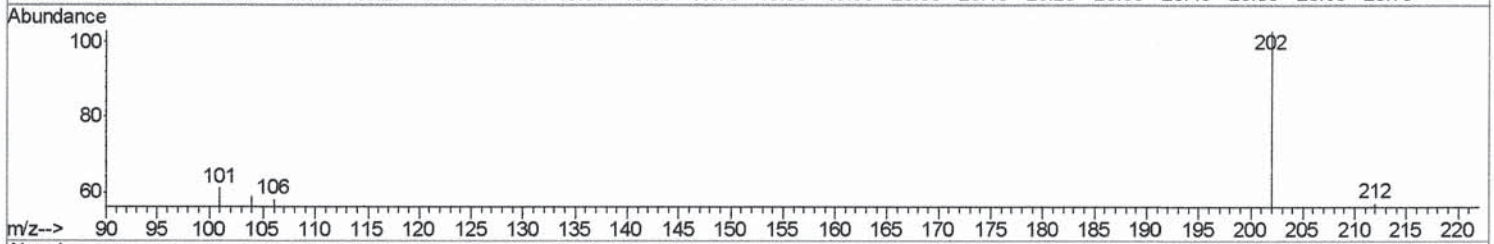
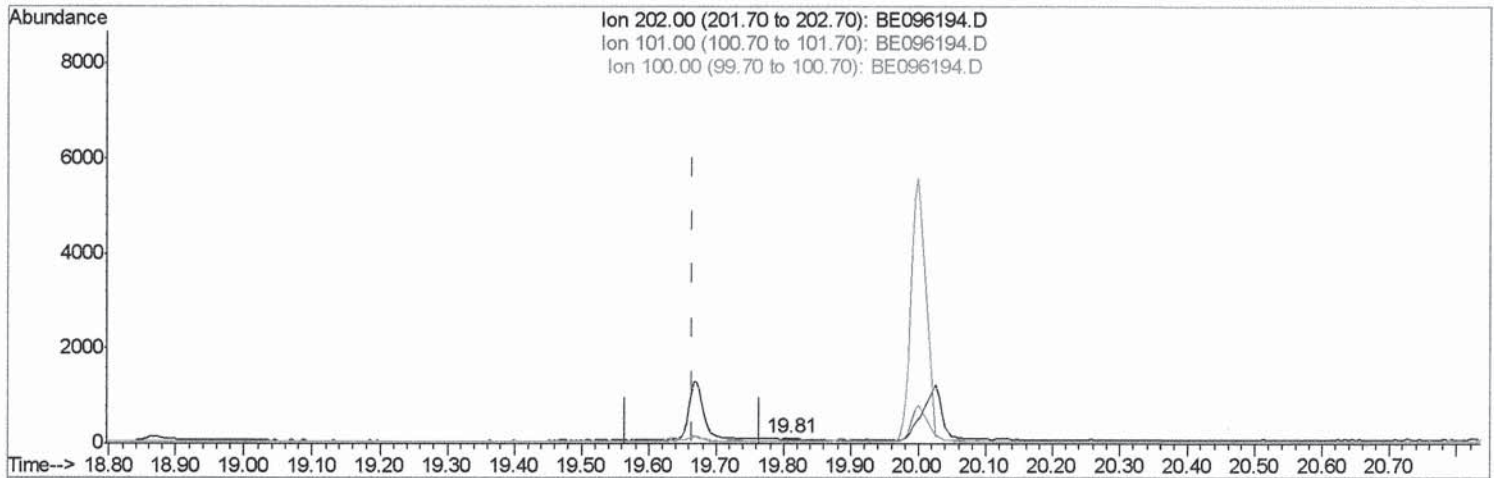
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:05:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(15) Fluoranthene (C)

19.809min (+0.143) 0.00ng/ul

response 30

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	59.22#
100.00	19.50	54.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

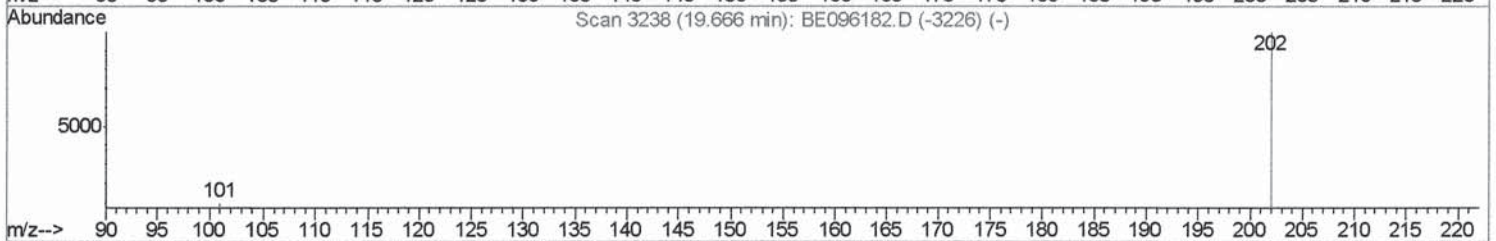
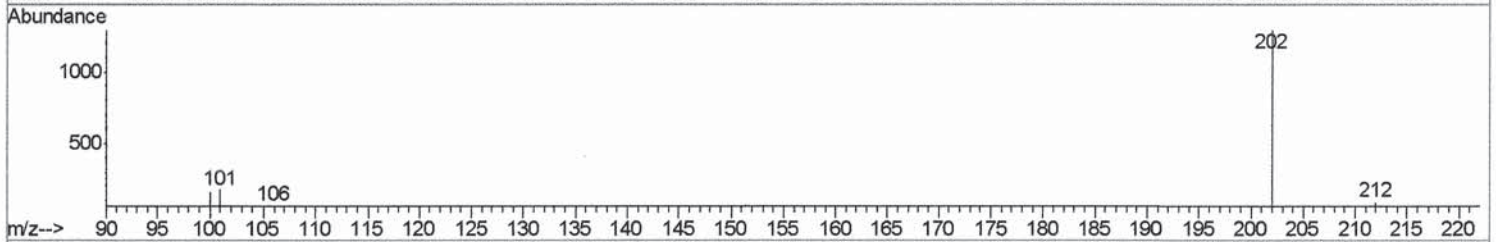
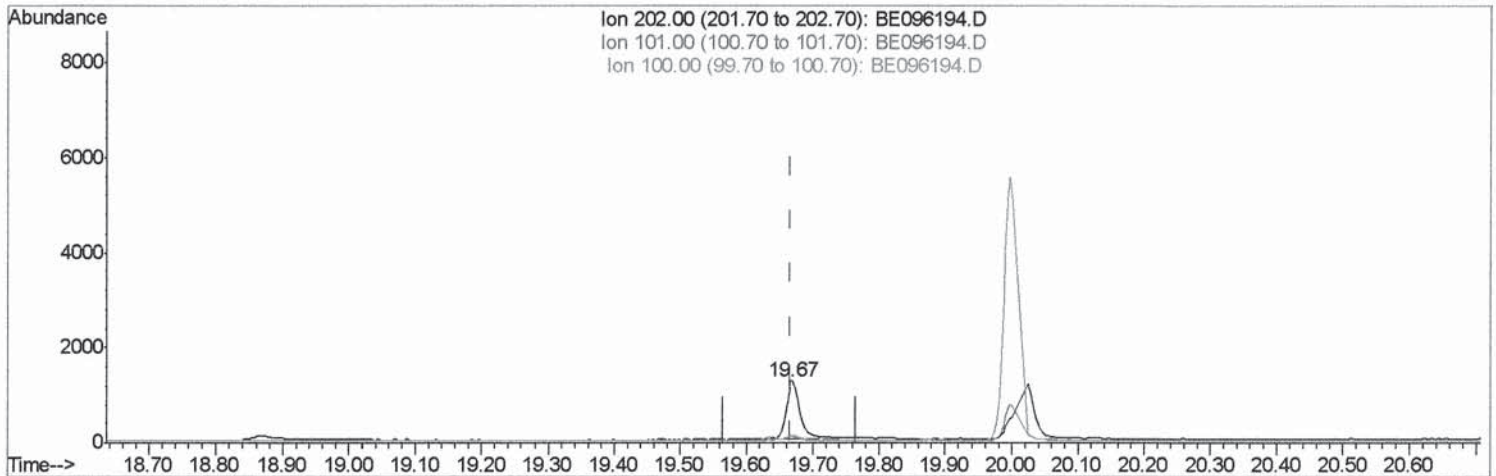
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:05:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(15) Fluoranthene (C)

19.666min (+0.000) 0.10ng/ul m > SJ 5/11/18

response 1876

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	13.63
100.00	19.50	12.39
0.00	0.00	0.00

Quantitation Report (Qedit)

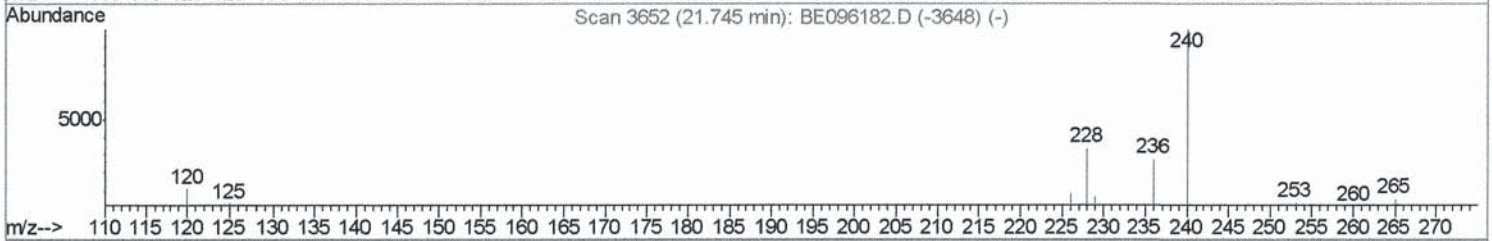
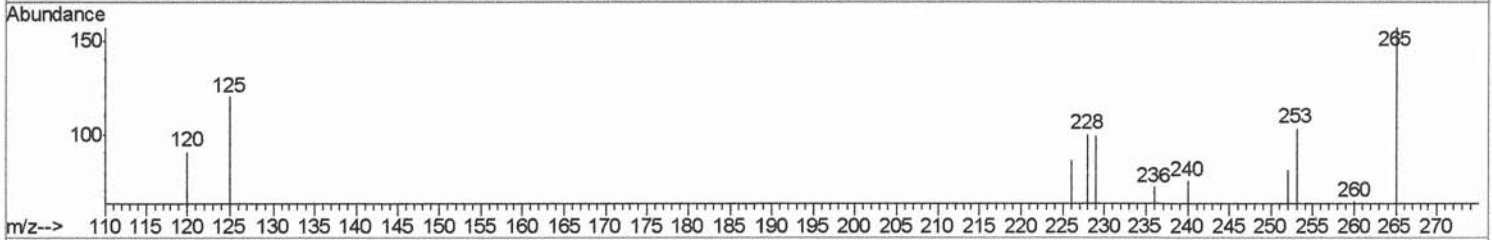
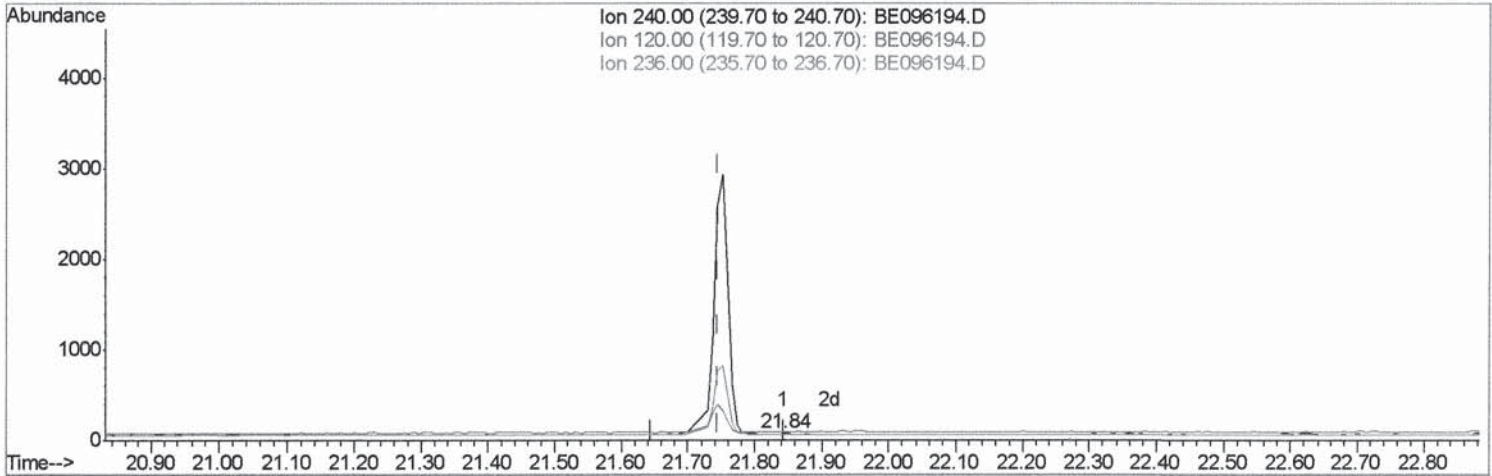
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:05:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(16) Chrysene-d12 (I)

21.843min (+0.098) 0.40ng/ul

response 8

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	121.33#
236.00	34.90	96.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

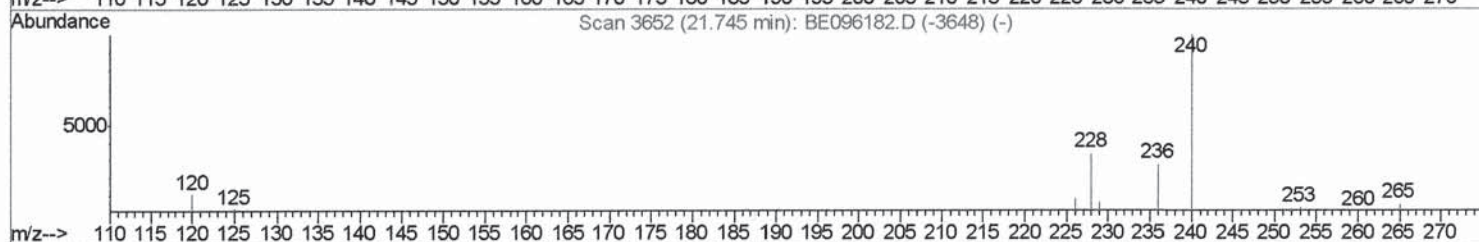
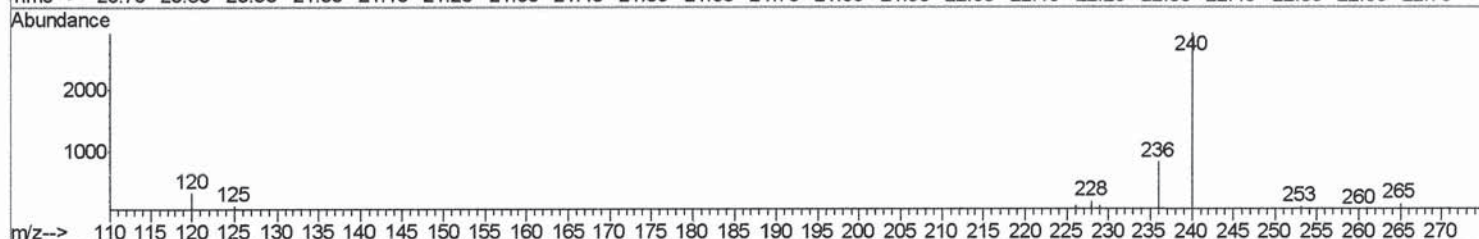
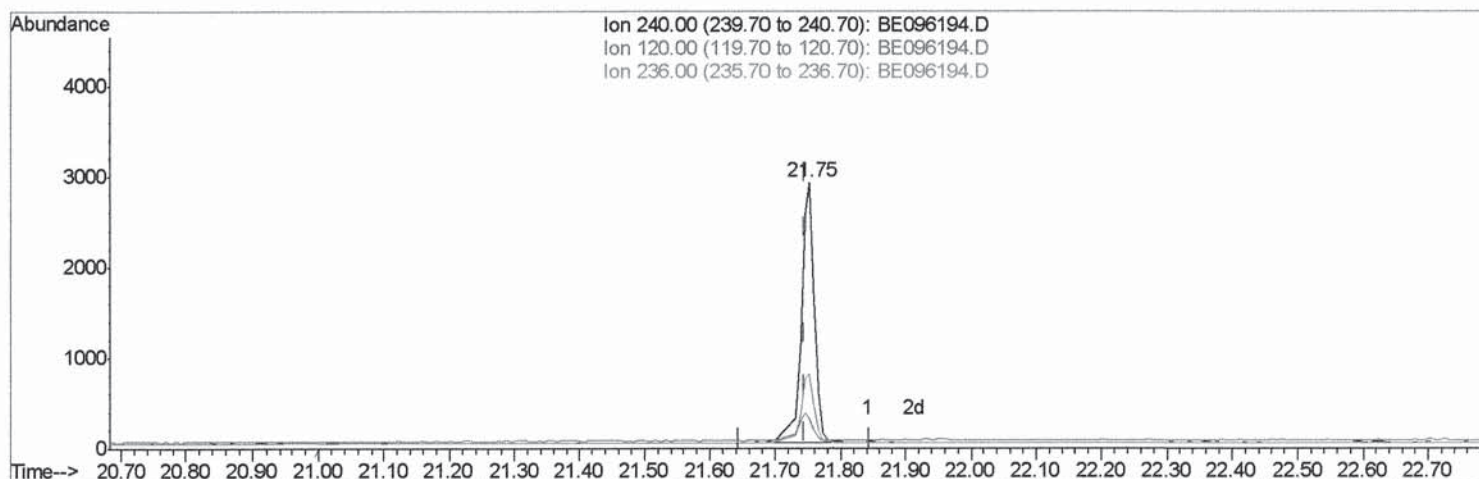
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096194.D
Acq On : 27 Apr 2018 00:10
Operator : SJ/JU
Sample : J2466-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF0

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:05:37 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



TIC: BE096194.D

(16) Chrysene-d12 (I)

21.751min (+0.006) 0.40ng/ul m> SJ 5/1/18

response 4615

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.32#
236.00	34.90	28.03
0.00	0.00	0.00

Quantitation Report (Qedit)

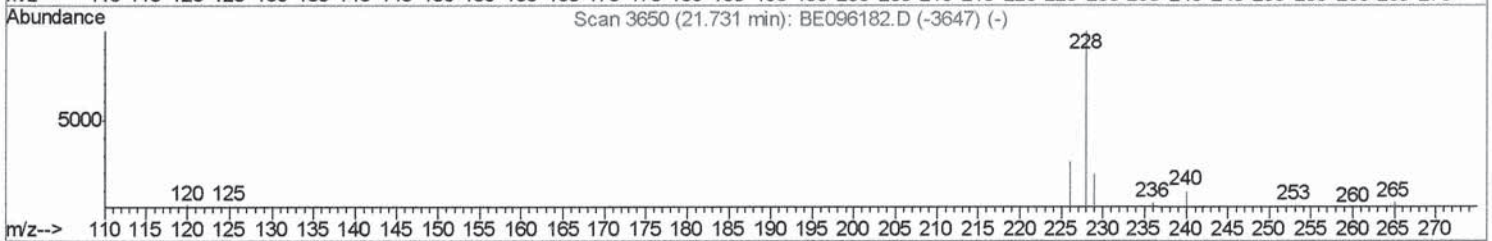
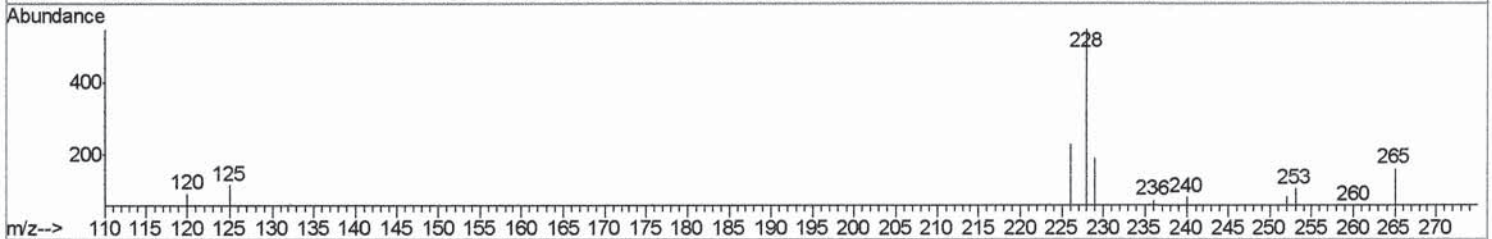
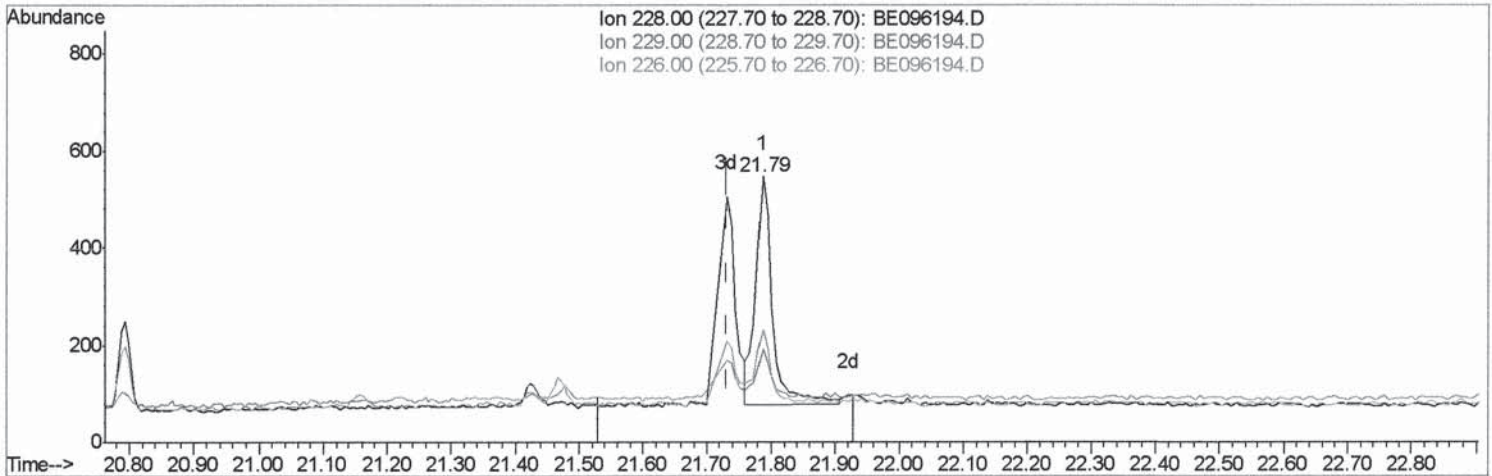
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:07:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(18) Benzo(a)anthracene
 21.786min (+0.056) 0.06ng/ul
 response 845

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	34.92#
226.00	21.30	42.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

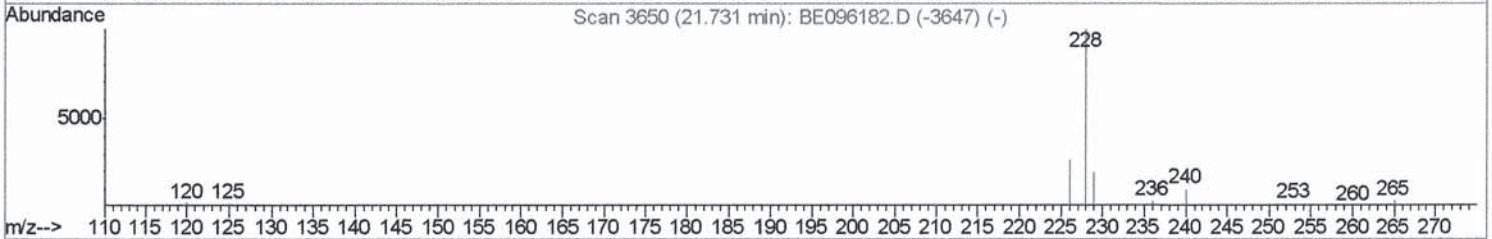
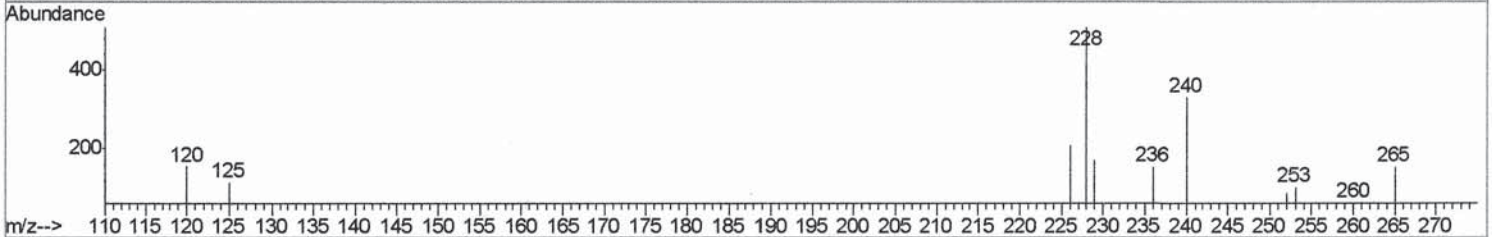
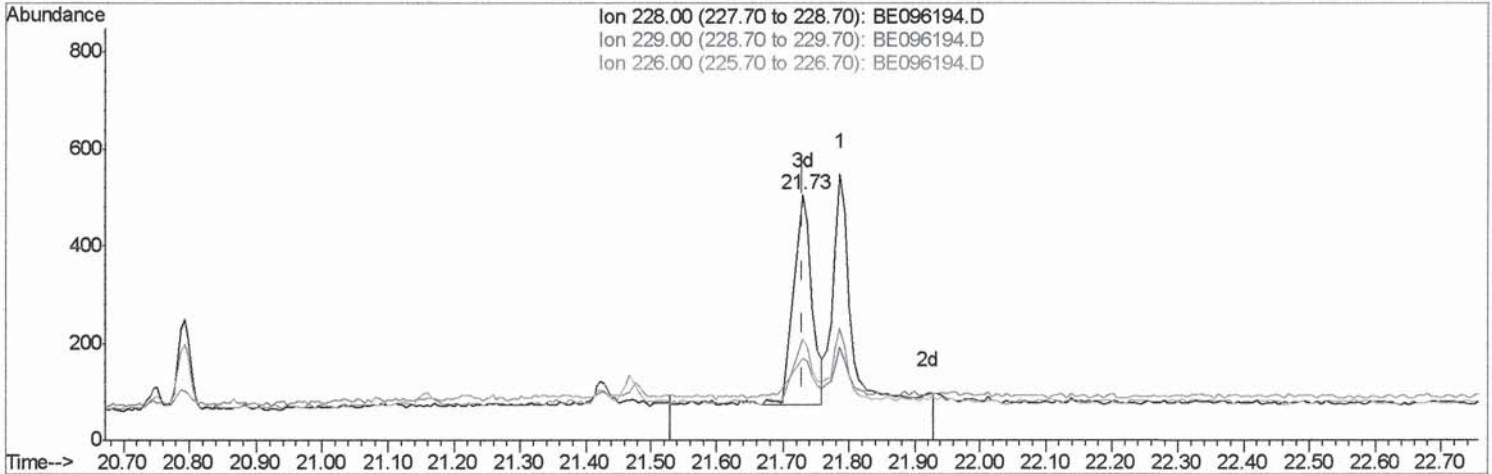
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:07:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(18) Benzo(a)anthracene

21.730min (-0.001) 0.05ng/ul m> SJ still

response 632

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	33.60
226.00	21.30	41.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

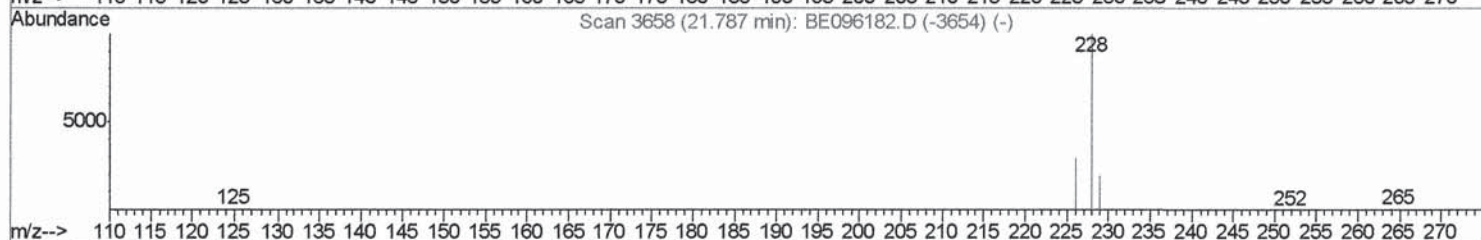
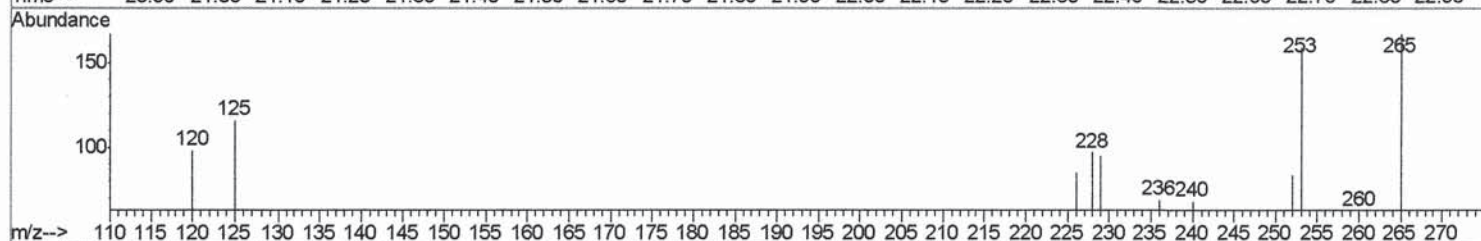
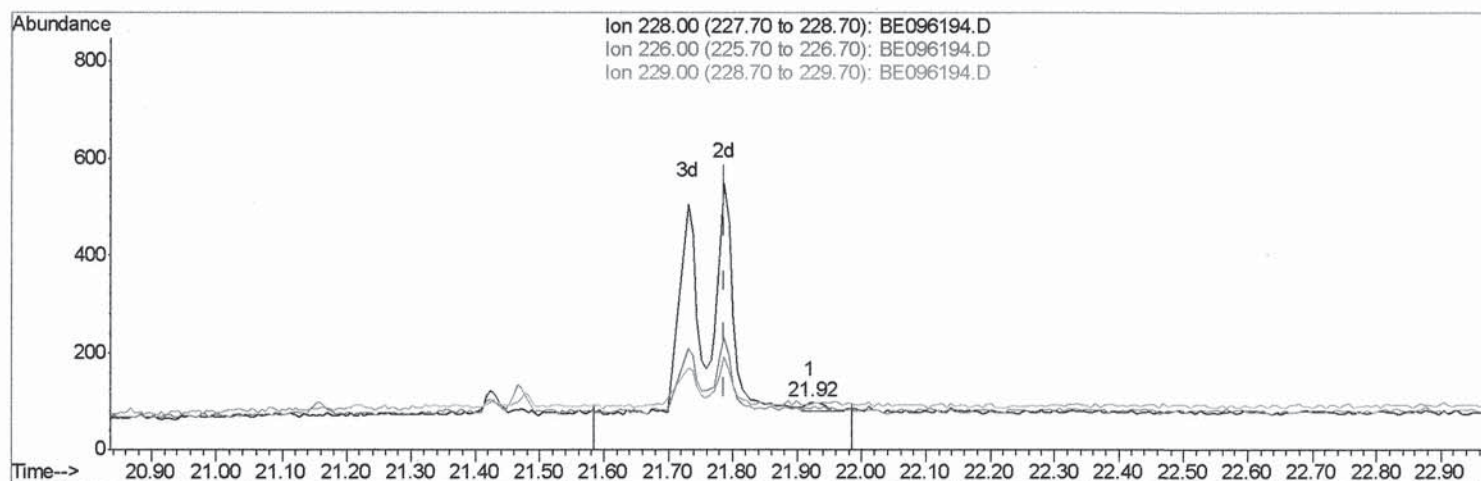
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096194.D
Acq On : 27 Apr 2018 00:10
Operator : SJ/JU
Sample : J2466-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF0

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:07:01 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



TIC: BE096194.D

(19) Chrysene

21.920min (+0.133) 0.00ng/ul

response 40

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	87.63#
229.00	22.10	97.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

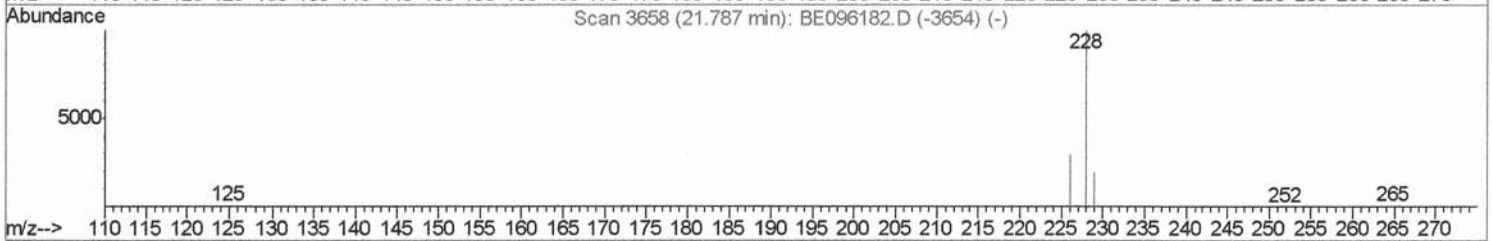
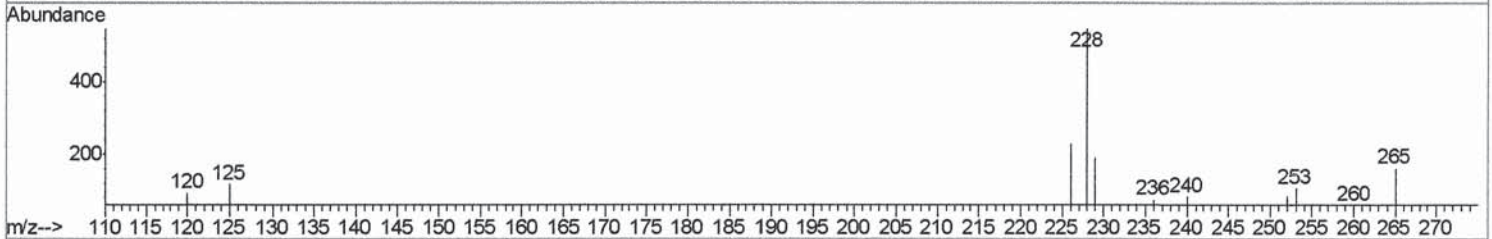
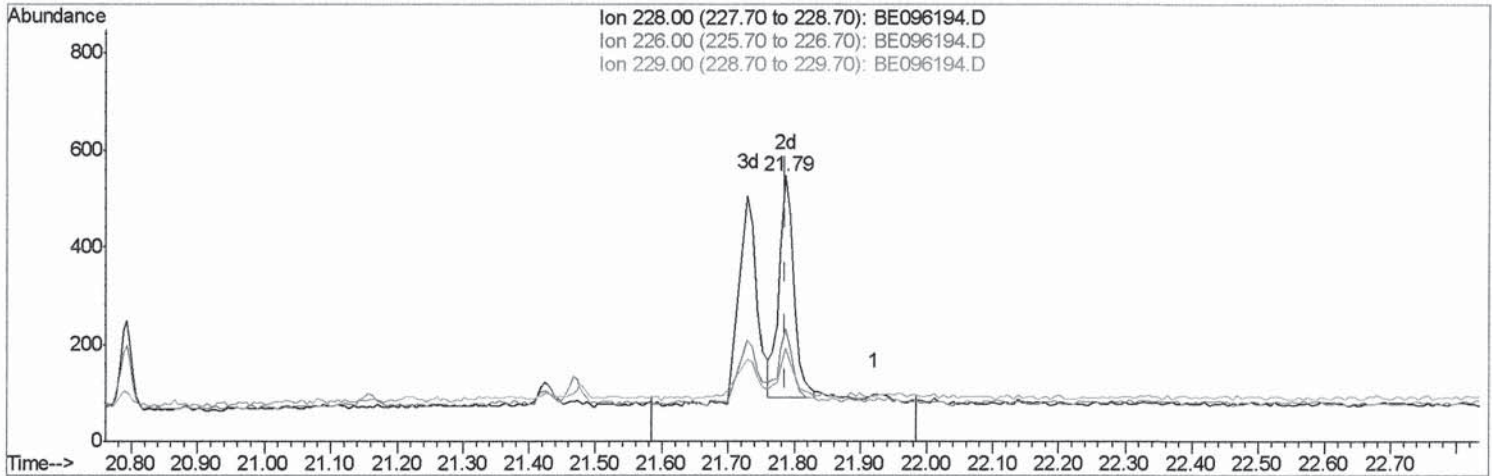
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:07:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(19) Chrysene

21.786min (-0.001) 0.06ng/ul m } SJ still

response 722

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	42.23#
229.00	22.10	34.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

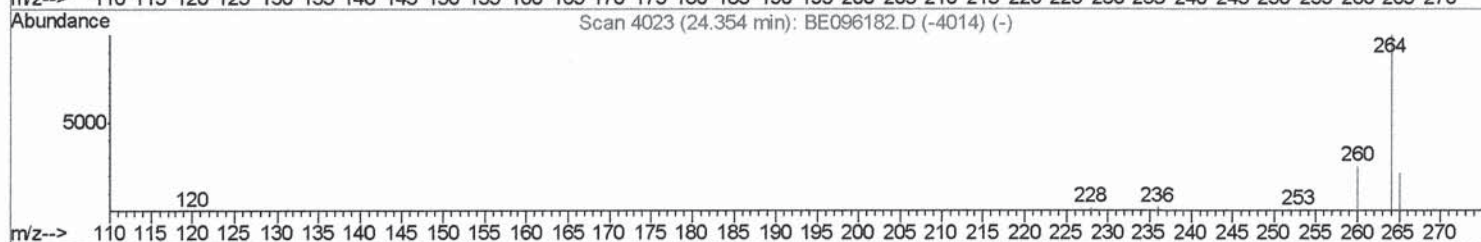
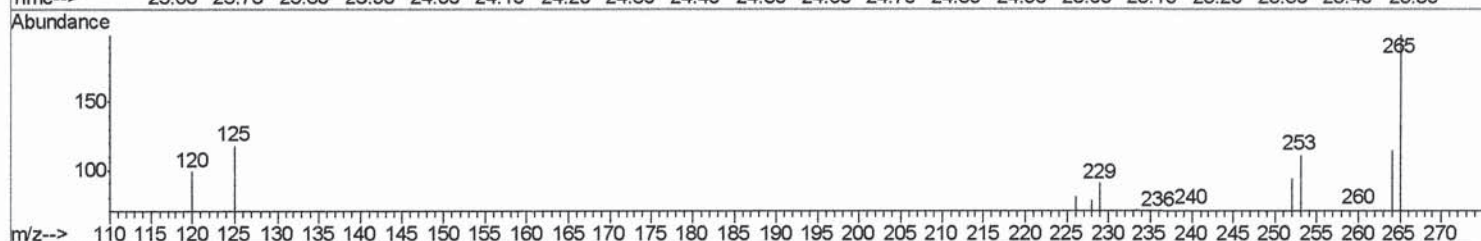
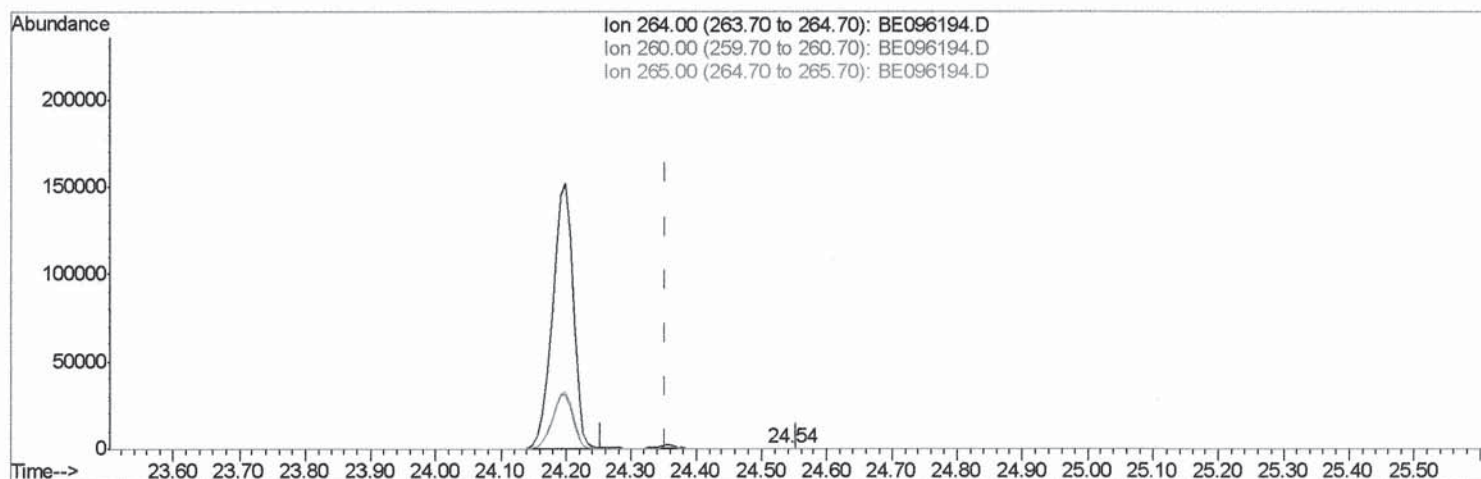
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:07:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(20) Perylene-d12 (I)
 24.543min (+0.189) 0.40ng/ul
 response 52

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	62.28#
265.00	103.50	174.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

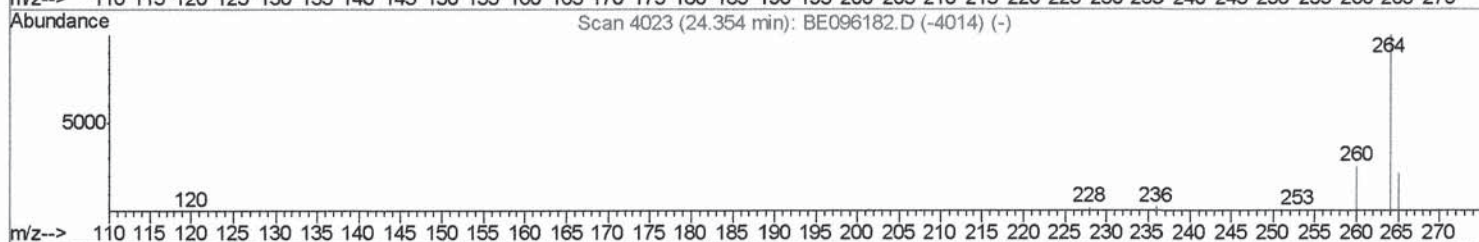
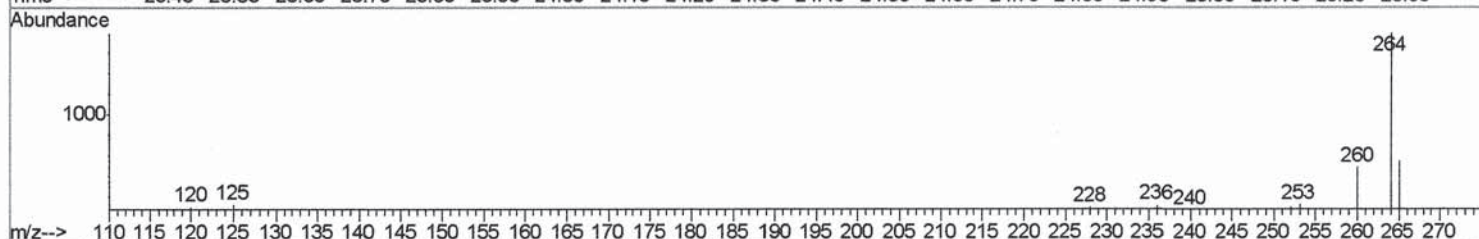
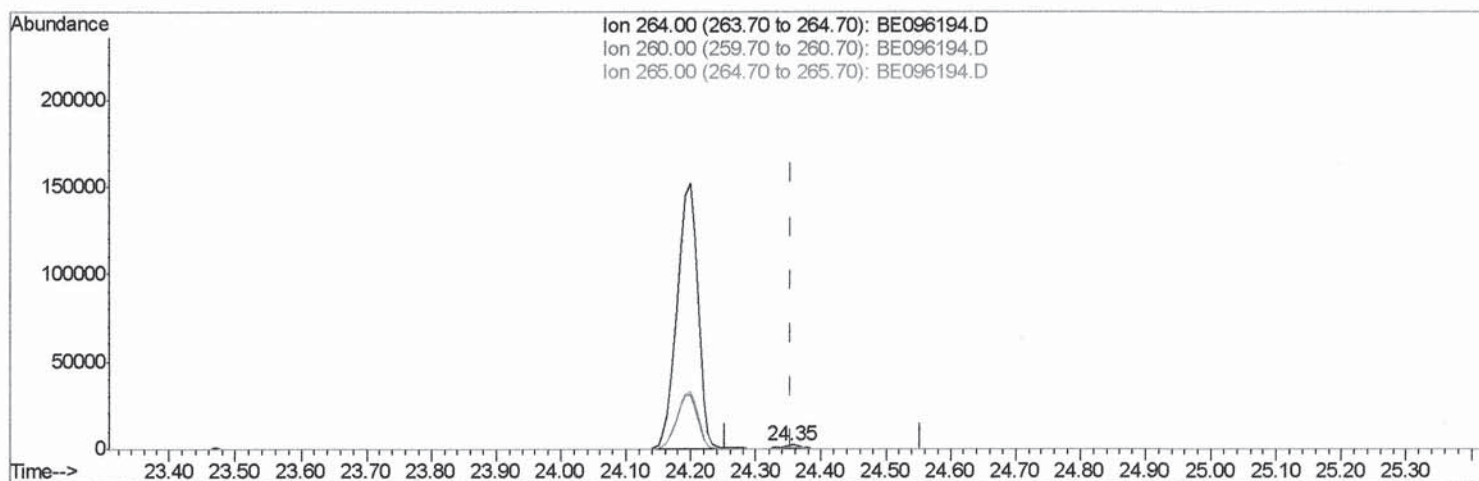
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:07:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096194.D

(20) Perylene-d12 (I)

24.353min (-0.001) 0.40ng/ul m) SJ 5/1/18

response 3494

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.87
265.00	103.50	30.55#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096194.D
 Acq On : 27 Apr 2018 00:10
 Operator : SJ/JU
 Sample : J2466-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:40 PM

Quant Time: Apr 27 07:09:00 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	730	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1801	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4128m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4615m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3494m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.74	152	2049	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	5573m	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.70	178	1374m	0.113	ng/ul	
15) Fluoranthene	19.67	202	1876m	0.101	ng/ul	
17) Pyrene	20.02	202	1661	0.179	ng/ul#	87
18) Benzo(a)anthracene	21.73	228	632m	0.045	ng/ul	
19) Chrysene	21.79	228	722m	0.056	ng/ul	

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