

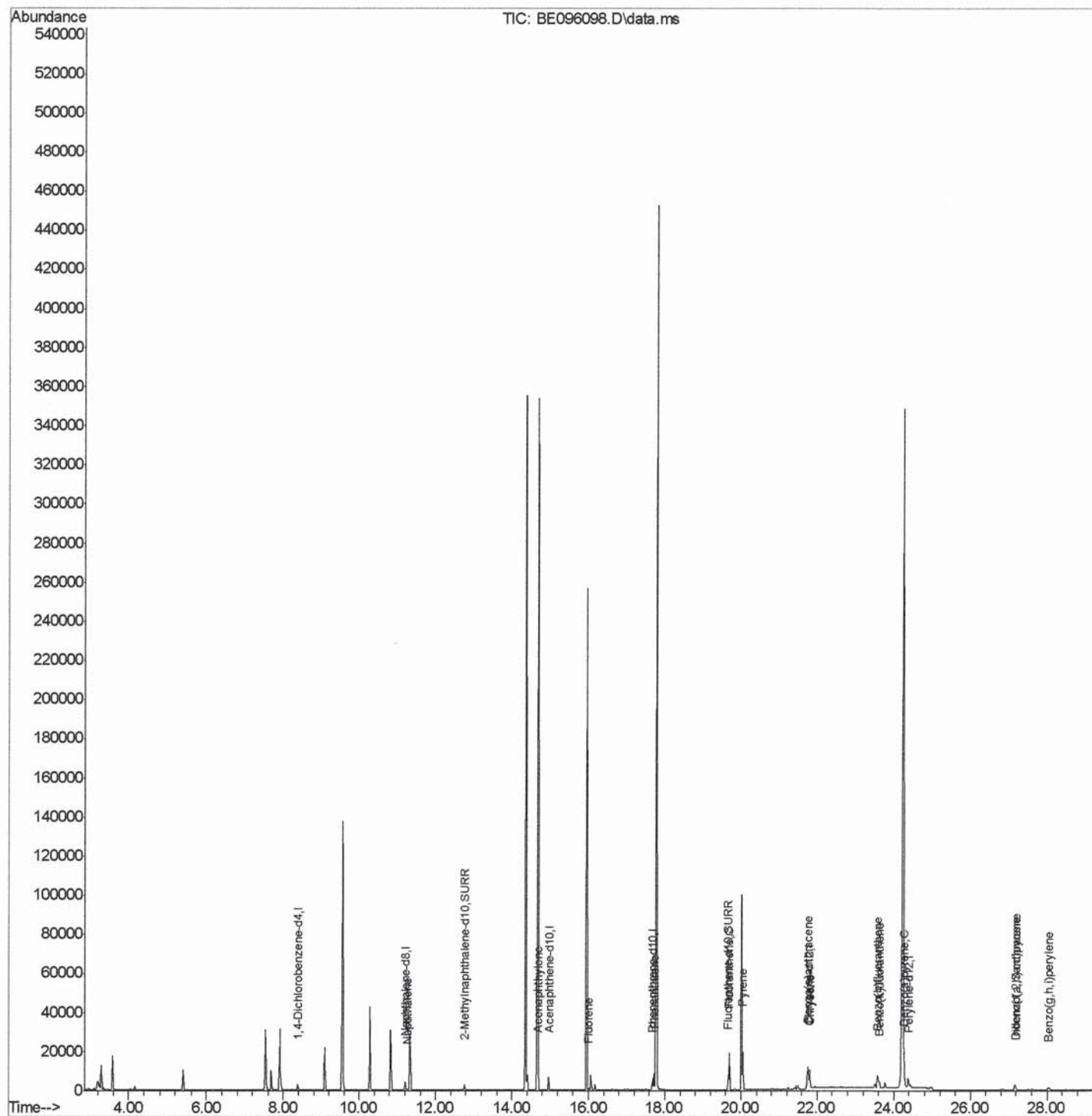
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096098.D
Acq On : 23 Apr 2018 23:02
Operator : SJ/JU
Sample : J2355-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y15

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:55 PM

Quant Time: Apr 24 11:12:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

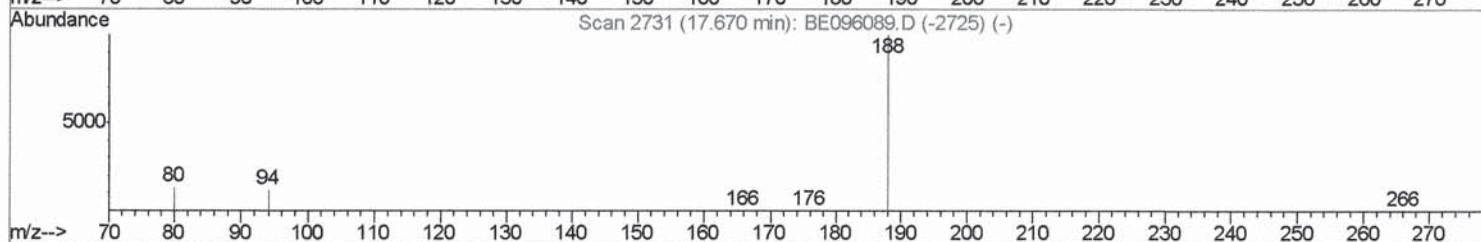
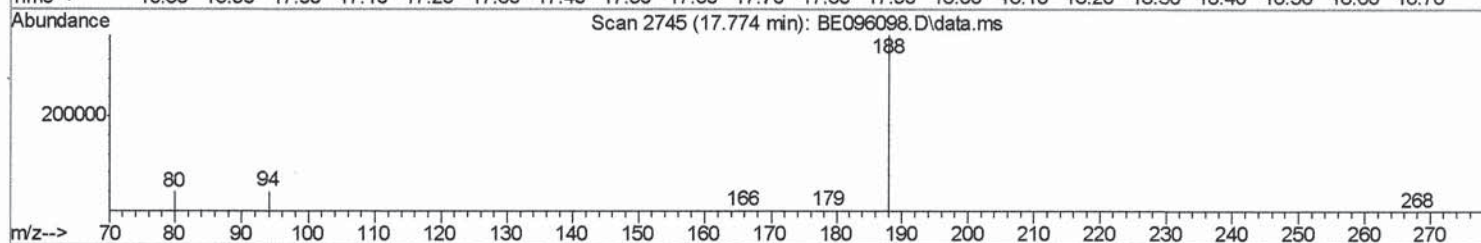
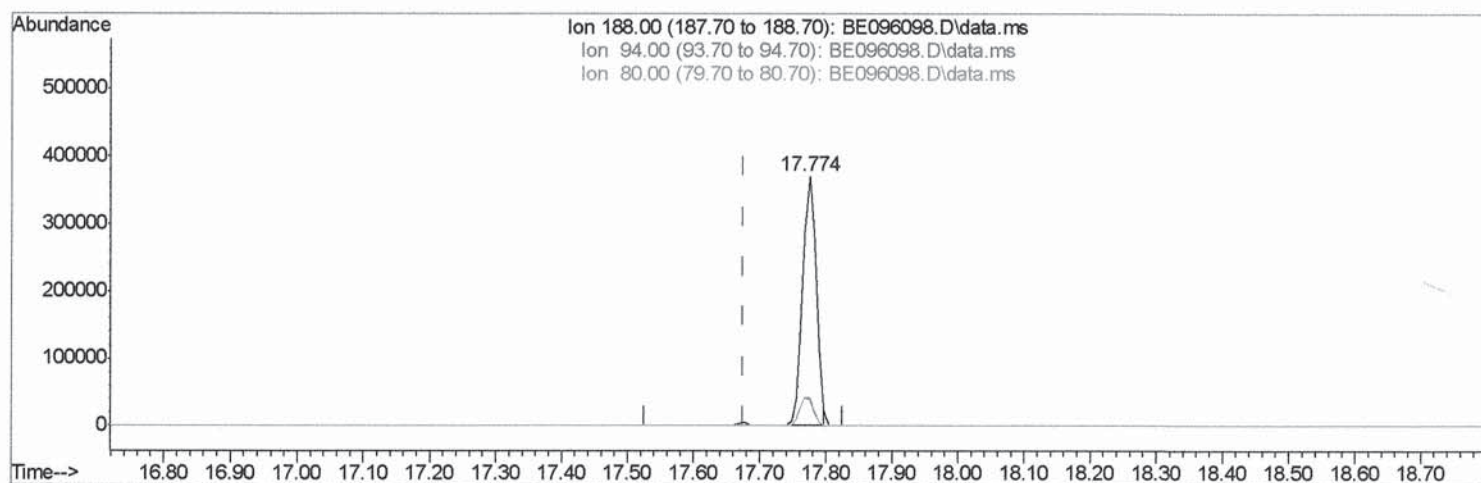
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



TIC: BE096098.D\data.ms

(10) Phenanthrene-d10 (I)
 17.774min (+0.098) 0.40 ng/ul
 response 530776

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.25
80.00	11.80	10.73
0.00	0.00	0.00

Quantitation Report (Qedit)

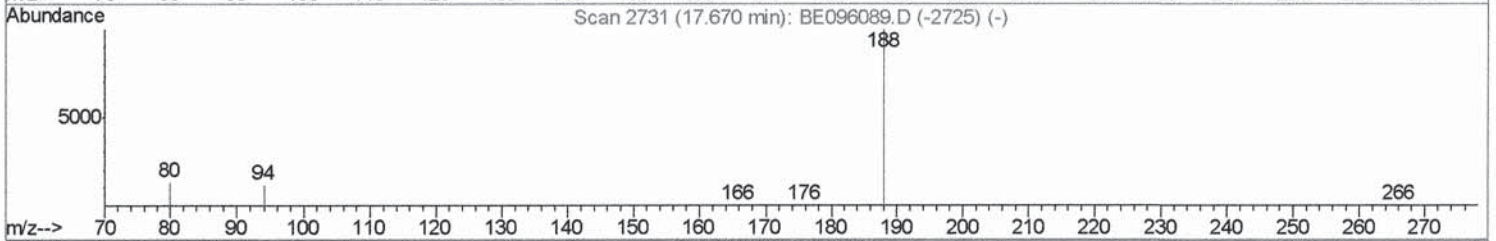
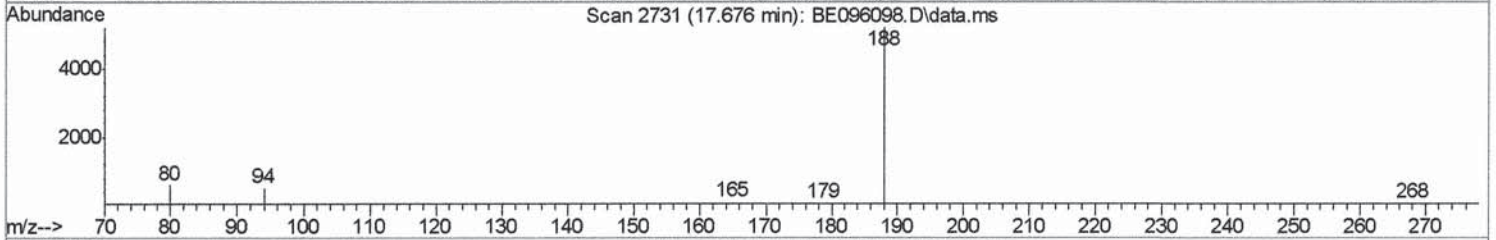
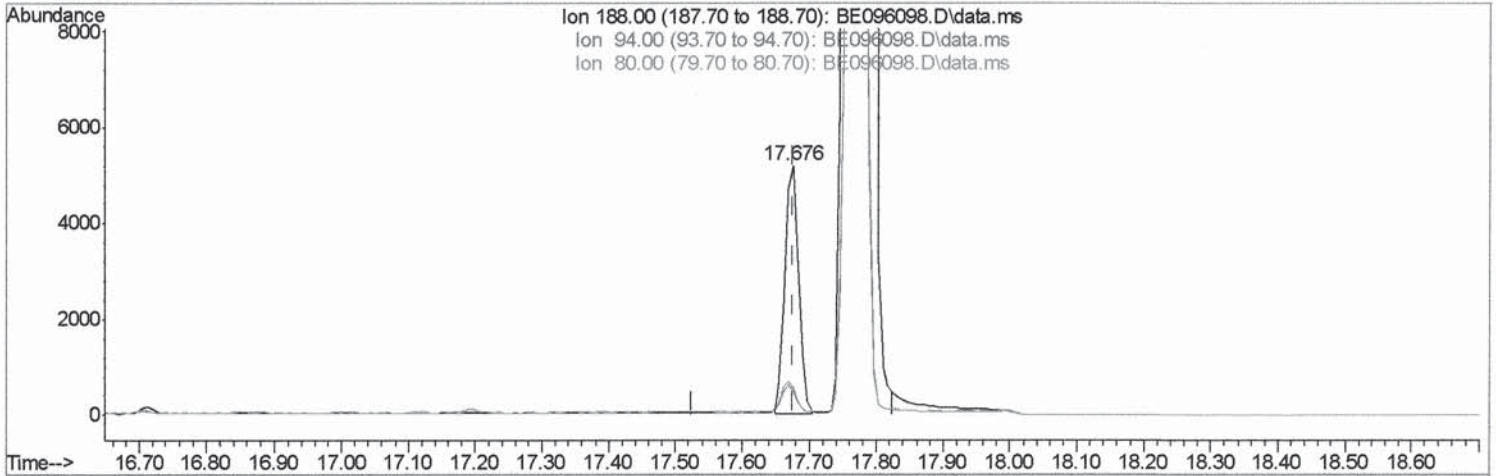
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE096098.D\data.ms

(10) Phenanthrene-d10 (I)

17.676min (-0.000) 0.40 ng/ul m> SJ 4/24/18

response 7375

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.87
80.00	11.80	11.54
0.00	0.00	0.00

Quantitation Report (Qedit)

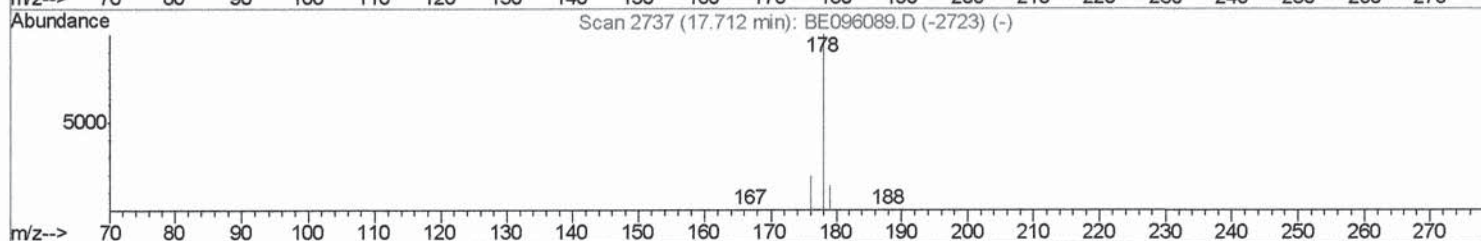
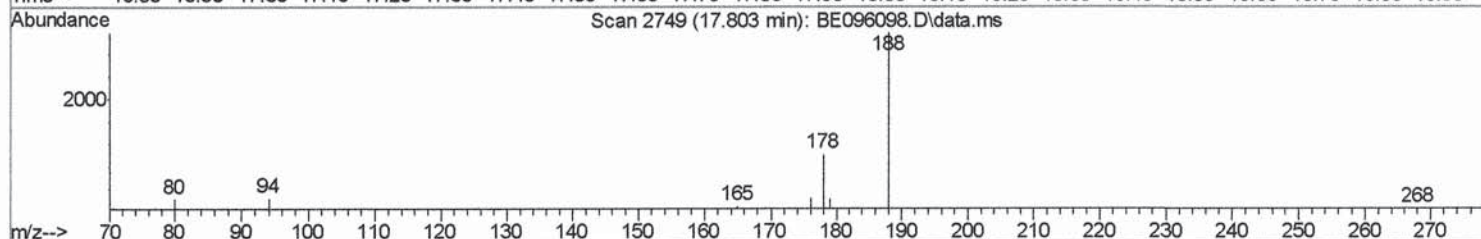
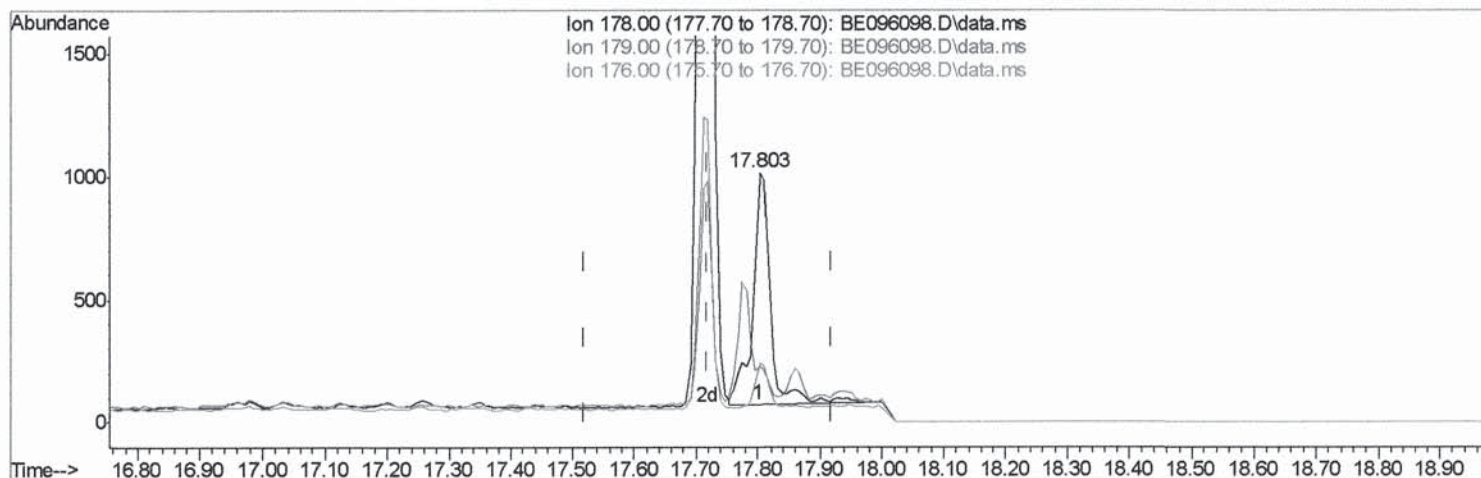
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
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TIC: BE096098.D\data.ms

(12) Phenanthrene

17.803min (+0.084) 0.09 ng/ul

response 1849

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.44
176.00	17.00	24.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

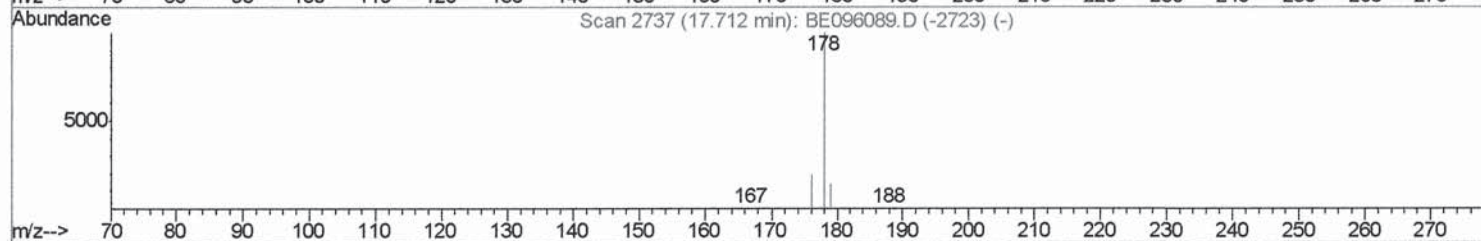
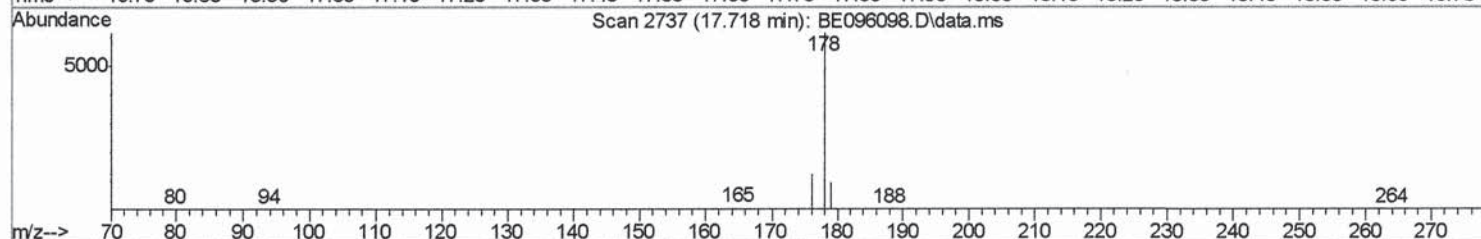
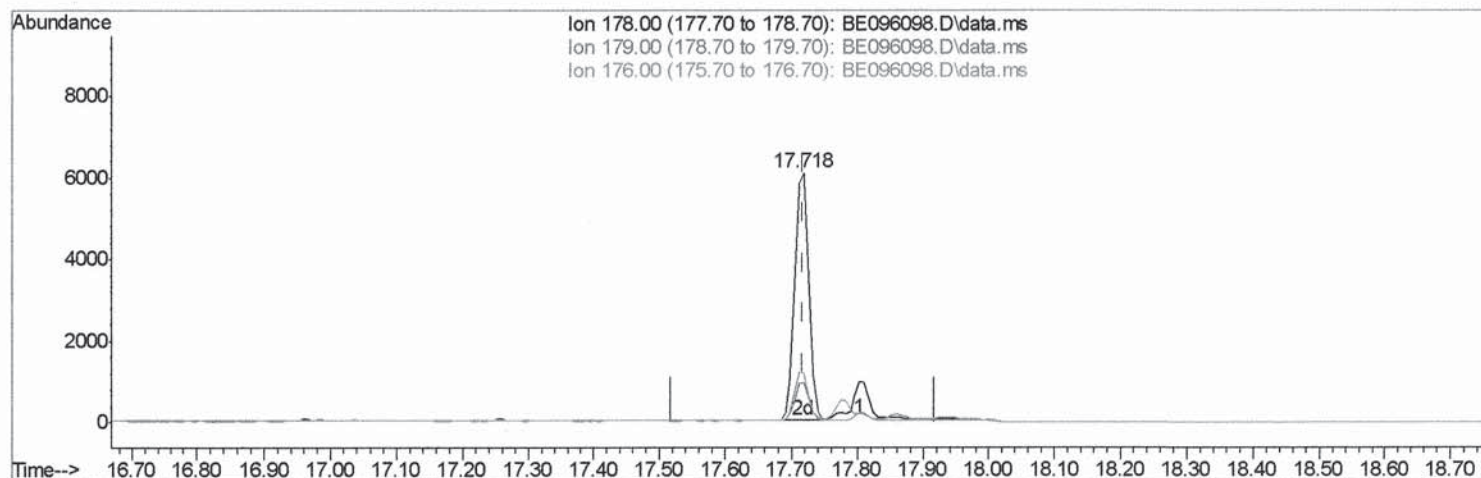
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096098.D
Acq On : 23 Apr 2018 23:02
Operator : SJ/JU
Sample : J2355-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y15

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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TIC: BE096098.D\data.ms

(12) Phenanthrene

17.718min (-0.000) 0.41 ng/ul m > SJ 4/24/18

response 8835

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.04#
176.00	17.00	20.17
0.00	0.00	0.00

Quantitation Report (Qedit)

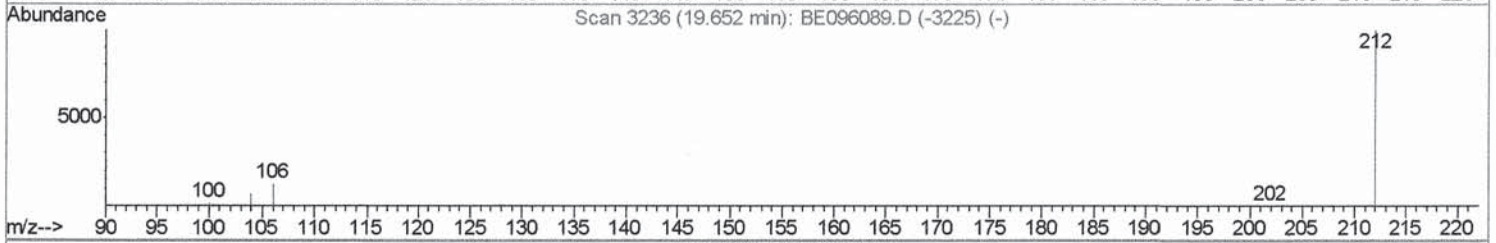
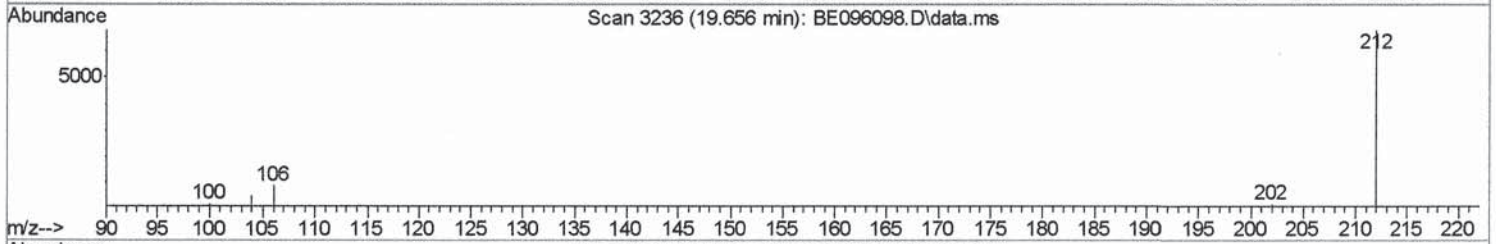
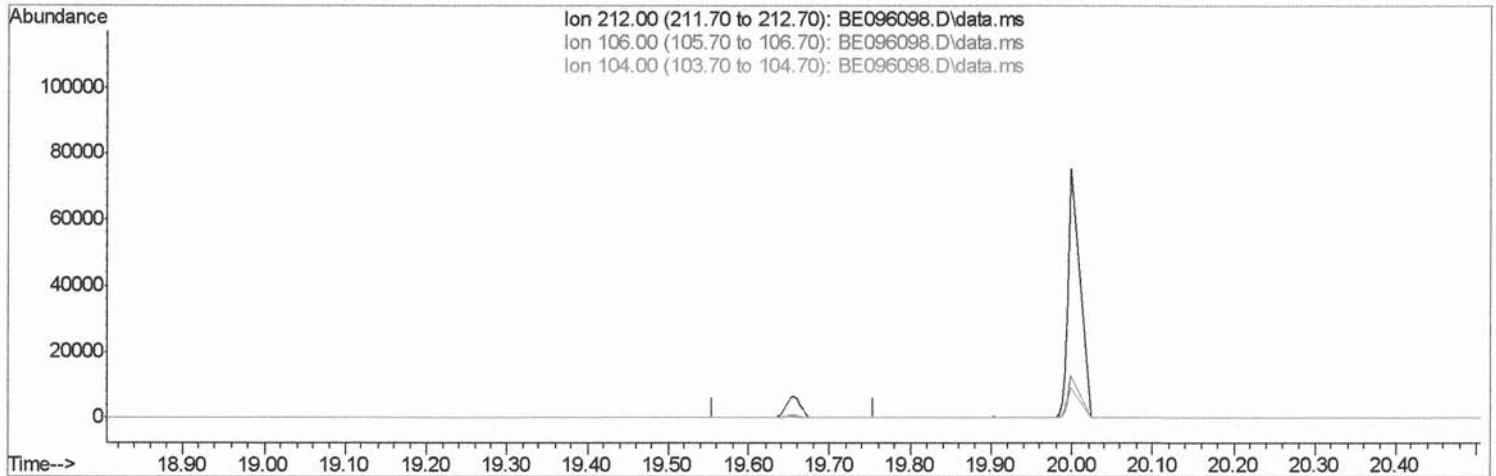
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
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TIC: BE096098.D\data.ms

(14) Fluoranthene-d10 (SURR)

19.656min (-19.656) 0.00 ng/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)

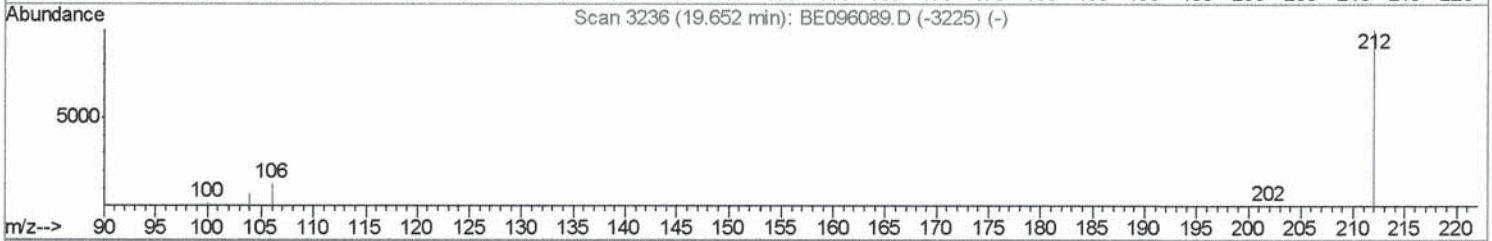
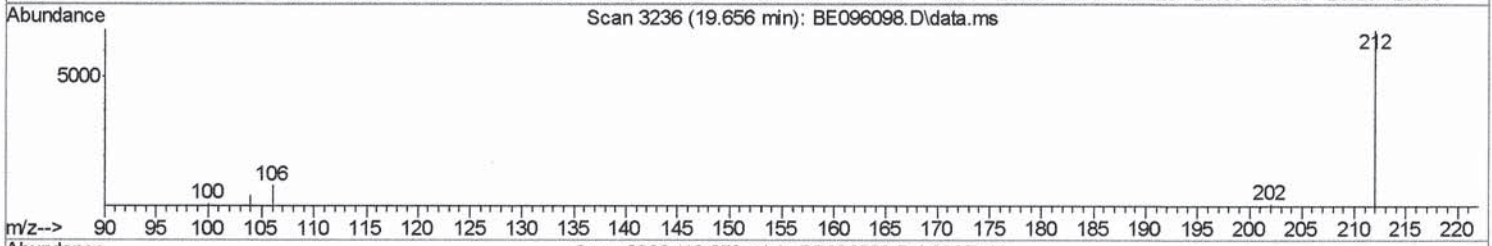
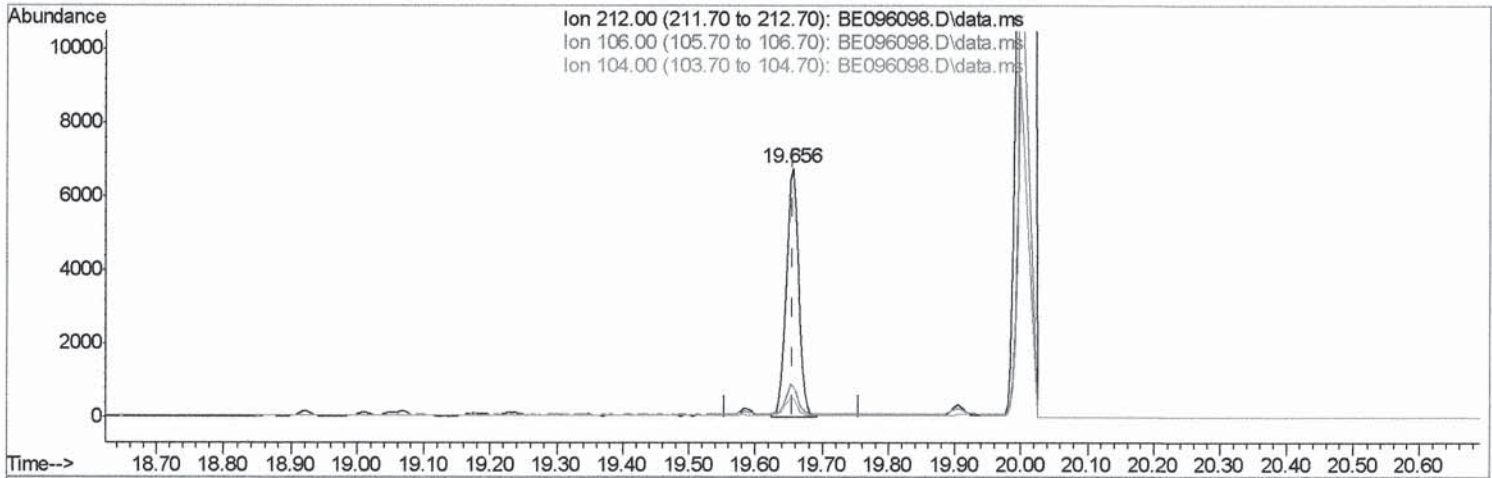
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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TIC: BE096098.D\data.ms

(14) Fluoranthene-d10 (SURR)

19.656min (-0.000) 0.29 ng/ul m > SJ 4/24/18

response 8775

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)

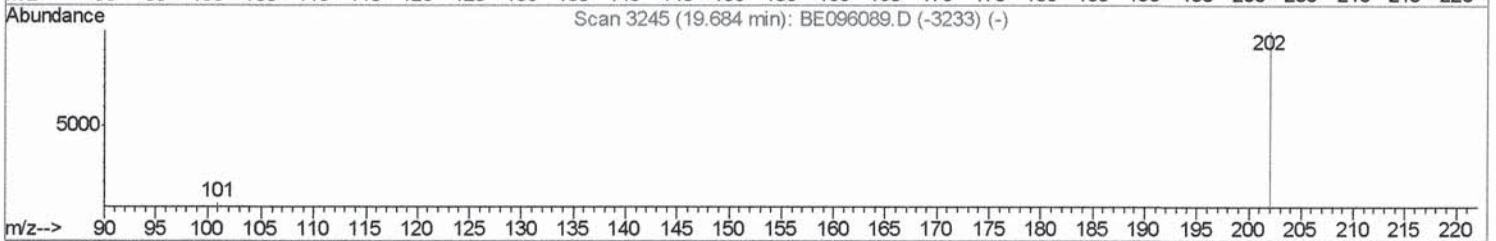
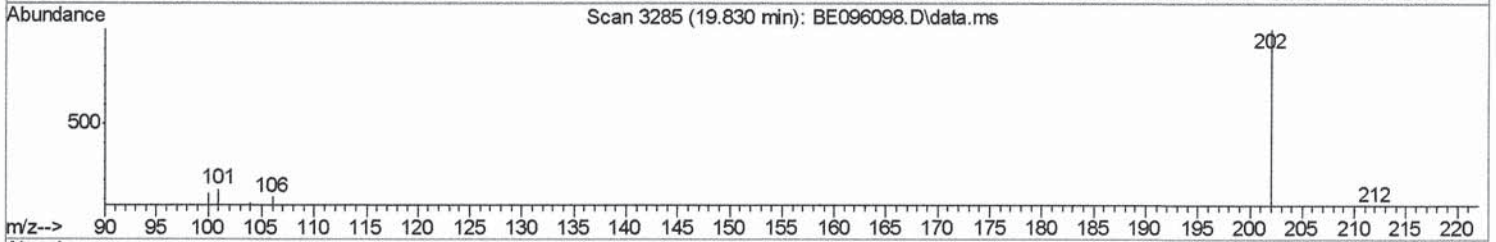
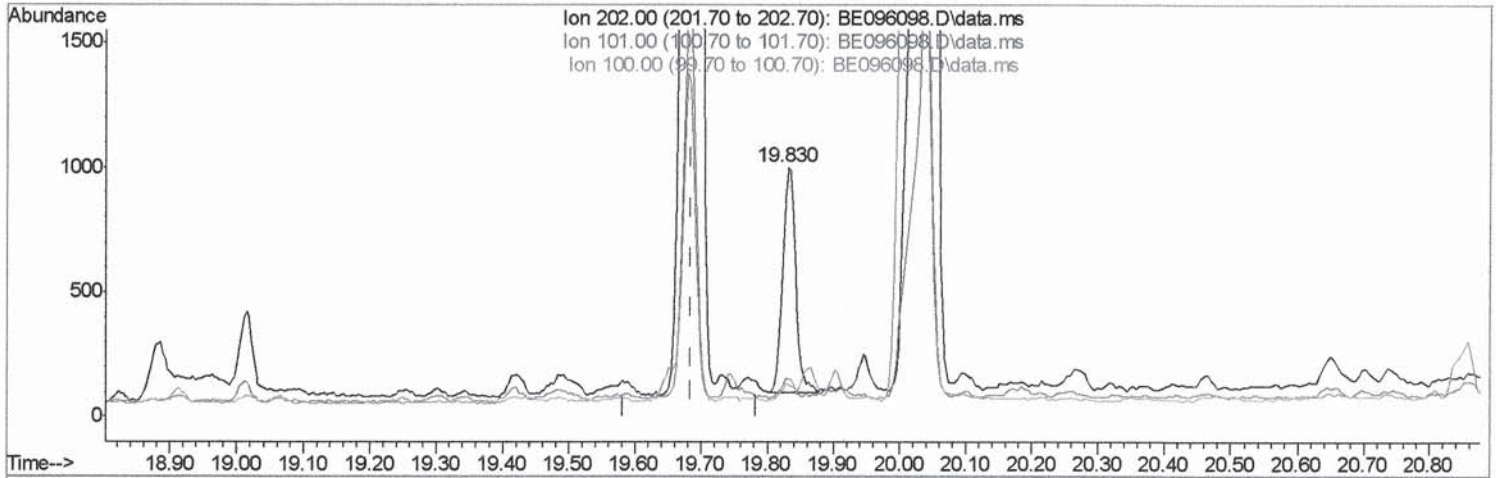
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
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TIC: BE096098.D\data.ms

(15) Fluoranthene (C)

19.830min (+0.146) 0.04 ng/ul

response 1245

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	15.30
100.00	19.50	13.40
0.00	0.00	0.00

Quantitation Report (Qedit)

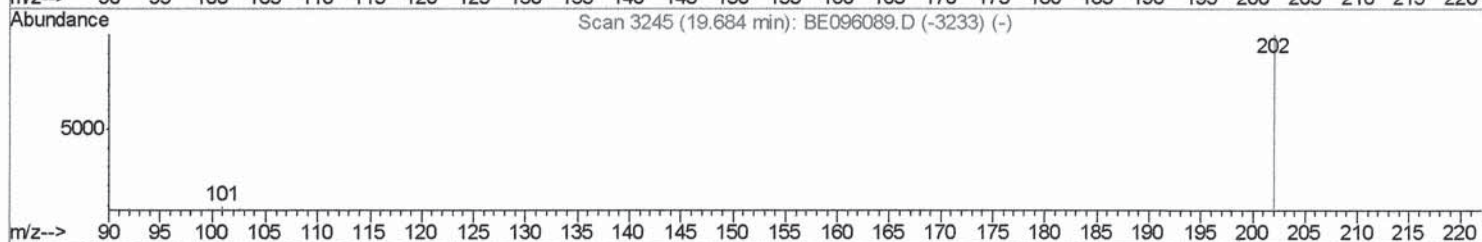
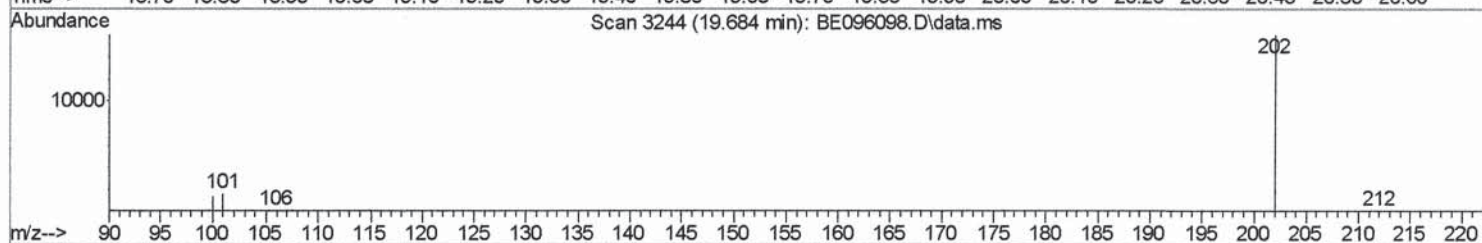
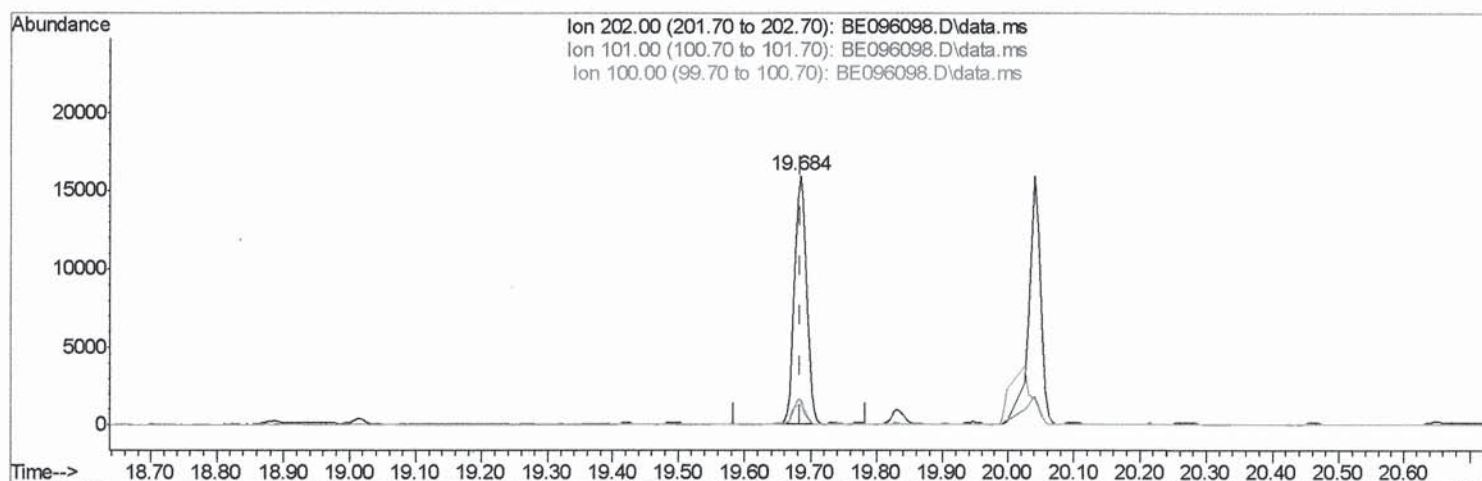
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096098.D
Acq On : 23 Apr 2018 23:02
Operator : SJ/JU
Sample : J2355-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y15

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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TIC: BE096098.D\data.ms

(15) Fluoranthene (C)

19.684min (-0.000) 0.69 ng/ul m > SJ 4/24/18

response 20364

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.14
100.00	19.50	8.41
0.00	0.00	0.00

Quantitation Report (Qedit)

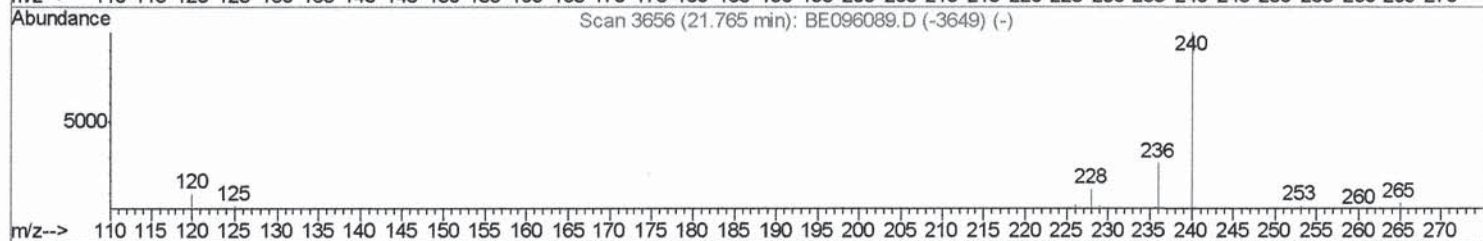
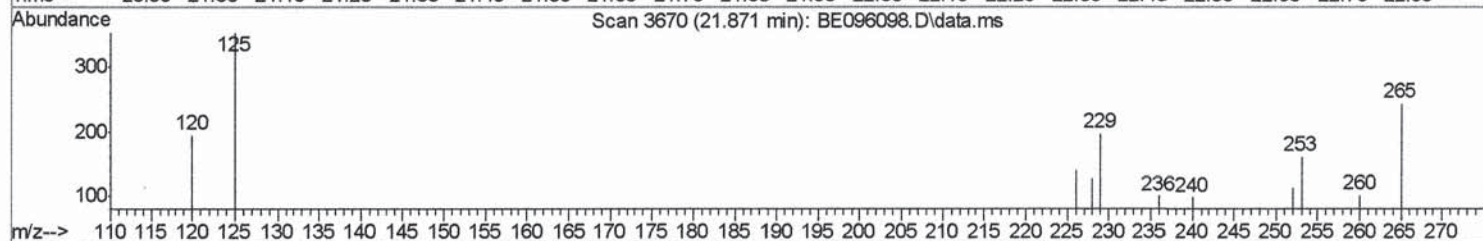
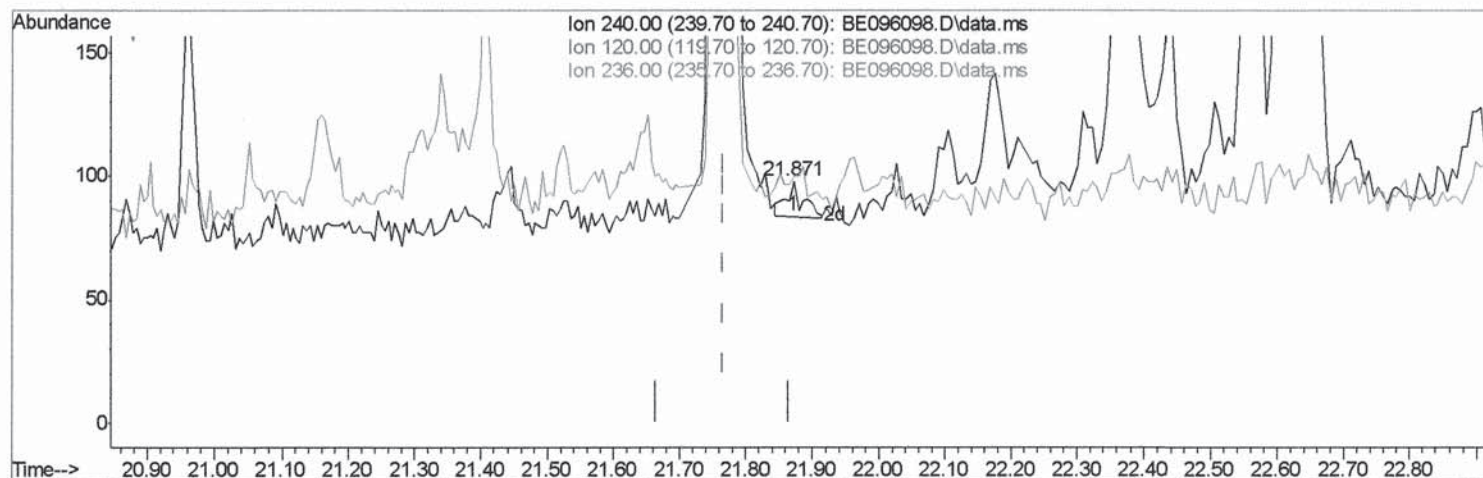
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096098.D
Acq On : 23 Apr 2018 23:02
Operator : SJ/JU
Sample : J2355-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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TIC: BE096098.D\data.ms

(16) Chrysene-d12 (I)

21.871min (+0.106) 0.40 ng/ul

response 25

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	198.98#
236.00	34.90	102.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

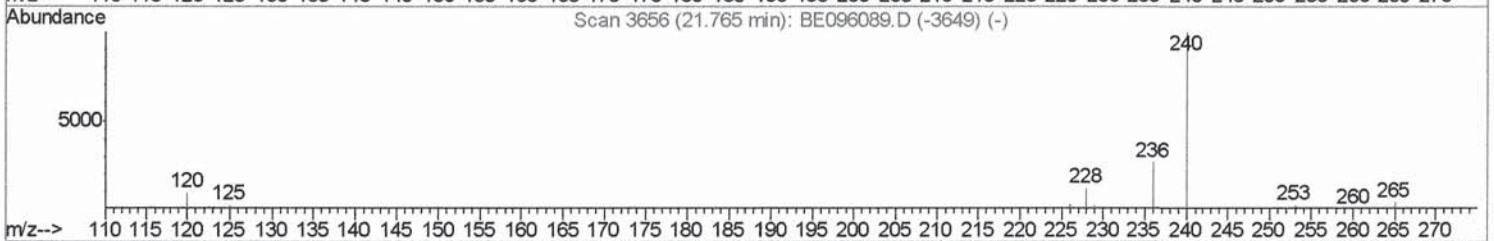
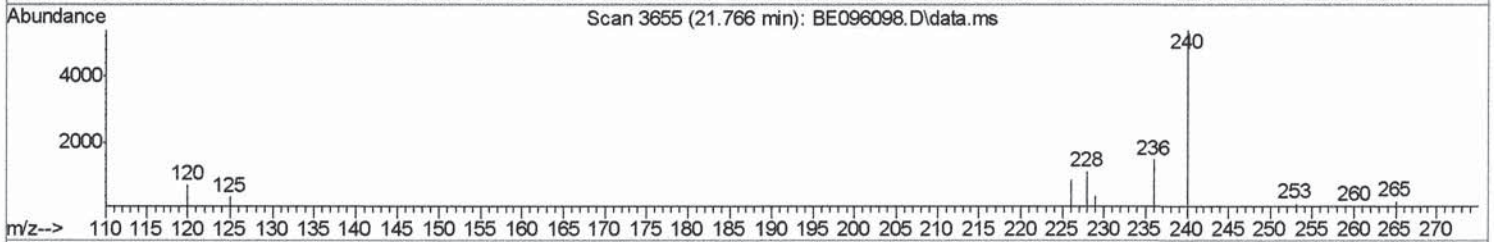
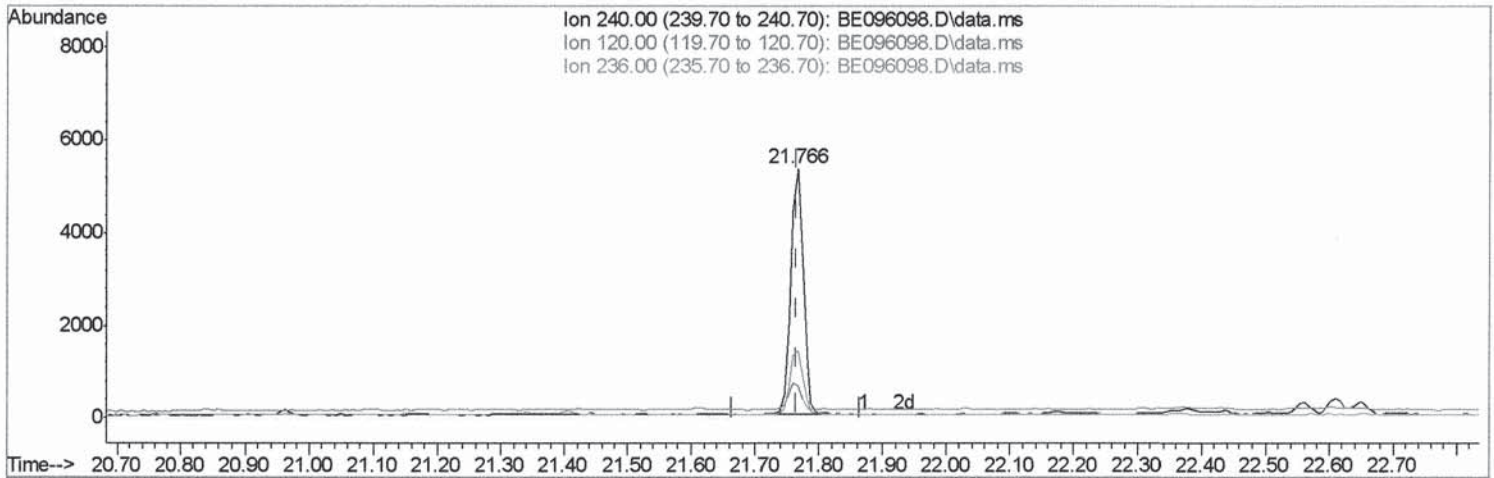
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
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Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

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 Response via : Initial Calibration



TIC: BE096098.D\data.ms

(16) Chrysene-d12 (I)

21.766min (+0.001) 0.40 ng/ul m > SJ 4/24/18

response 8334

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.33#
236.00	34.90	27.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

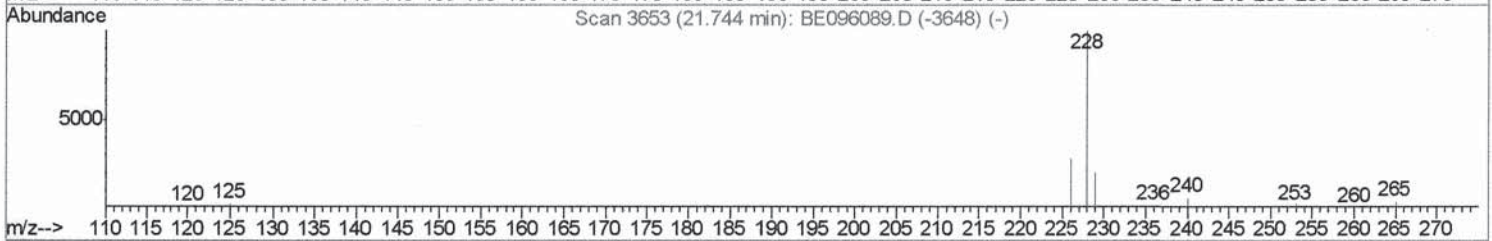
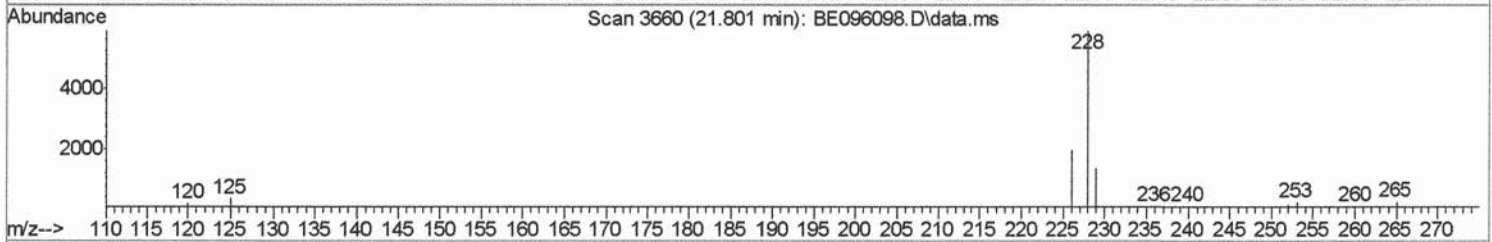
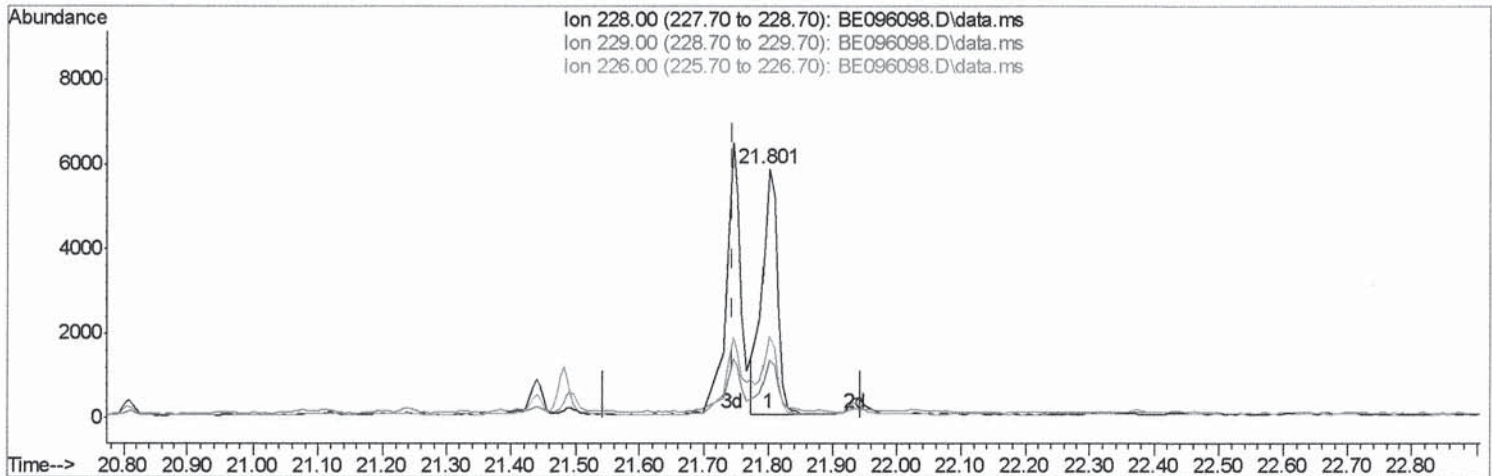
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
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Instrument :
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Manual Integrations
 APPROVED

Sohil
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TIC: BE096098.D\data.ms

(18) Benzo(a)anthracene

21.801min (+0.057) 0.28 ng/ul

response 9462

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	23.31
226.00	21.30	32.85#
0.00	0.00	0.00

```
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\  
Data File : BE096098.D  
Acq On    : 23 Apr 2018   23:02  
Operator  : SJ/JU  
Sample    : J2355-01  
Misc      :  
ALS Vial  : 23      Sample Multiplier: 1
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Sohil
4/24/2018 7:10:55 PM

Quantitation Report (Qedit)

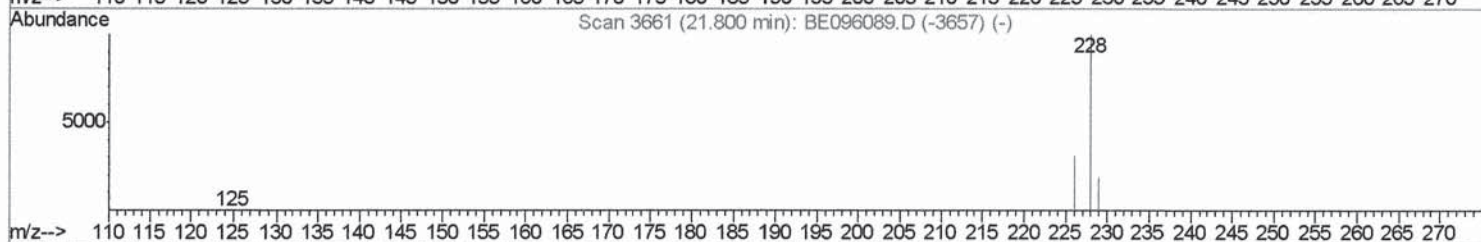
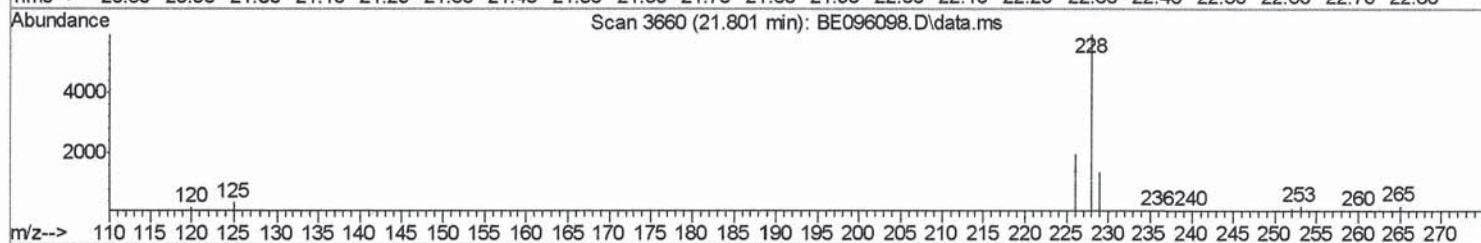
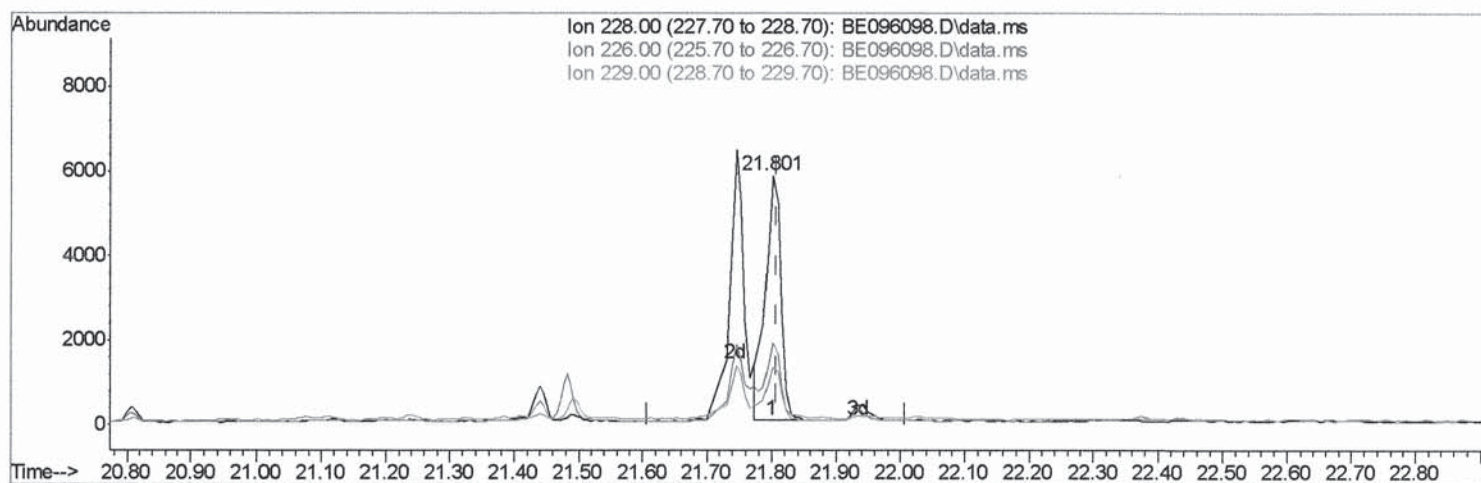
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096098.D
Acq On : 23 Apr 2018 23:02
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Manual Integrations
APPROVED

Sohil
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Quant Time: Apr 24 10:59:37 2018
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TIC: BE096098.D\data.ms

(19) Chrysene

21.801min (-0.006) 0.39 ng/ul

response 9434

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.85
229.00	22.10	23.31
0.00	0.00	0.00

Quantitation Report (Qedit)

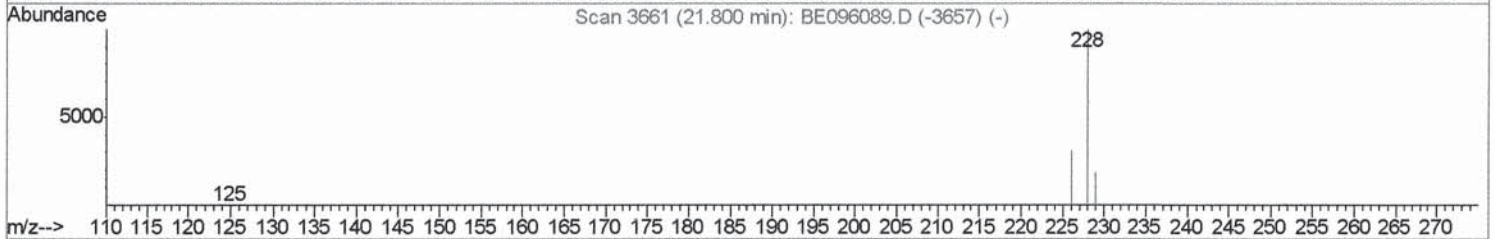
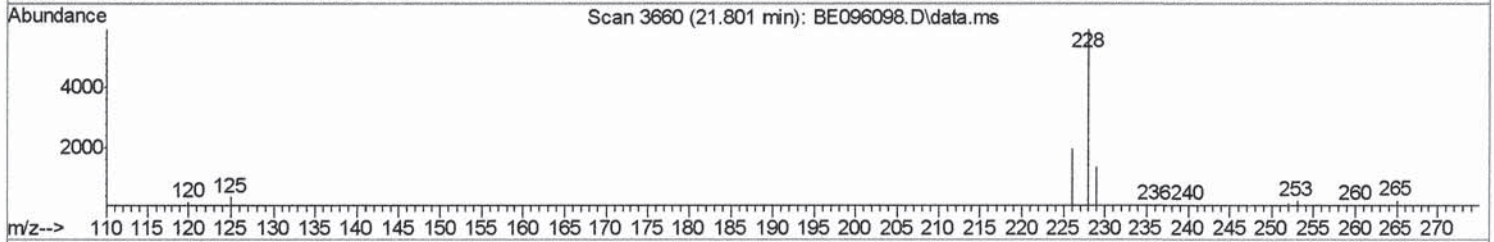
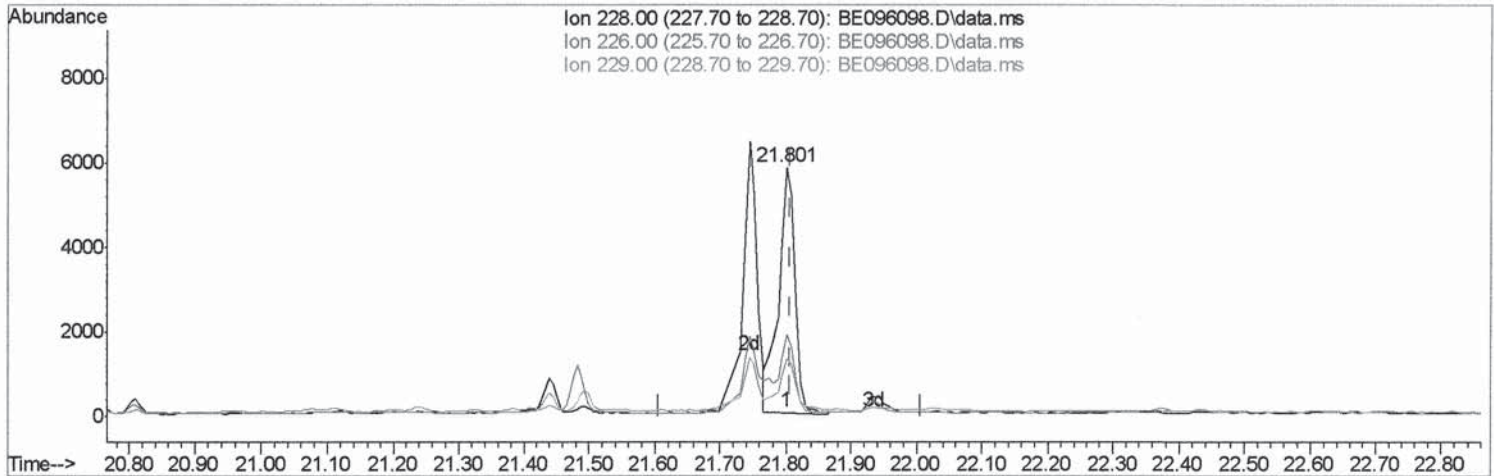
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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 QLast Update : Mon Apr 23 01:07:45 2018
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TIC: BE096098.D\data.ms

(19) Chrysene

21.801min (-0.006) 0.42 ng/ul m>SJ 4/24/18

response 10082

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.85
229.00	22.10	23.31
0.00	0.00	0.00

Quantitation Report (Qedit)

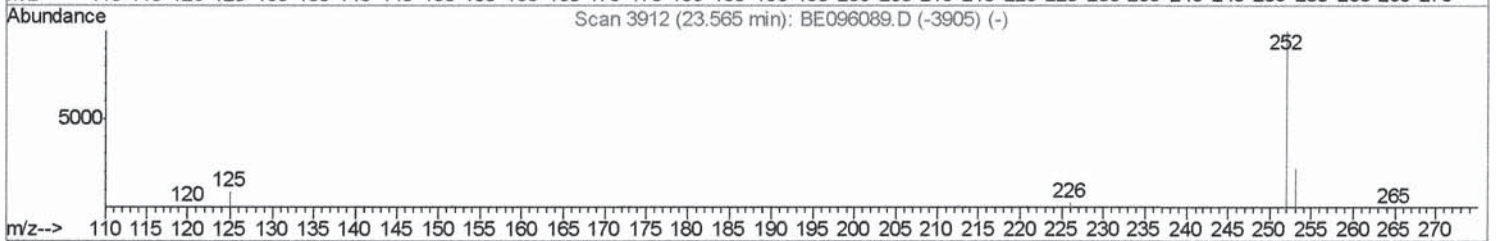
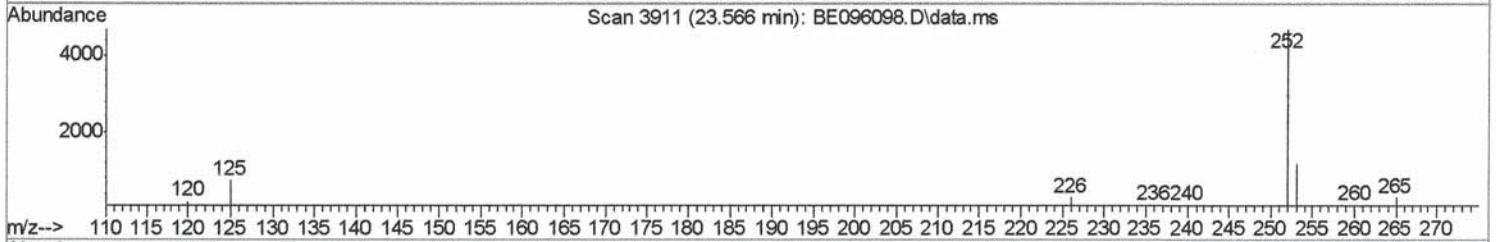
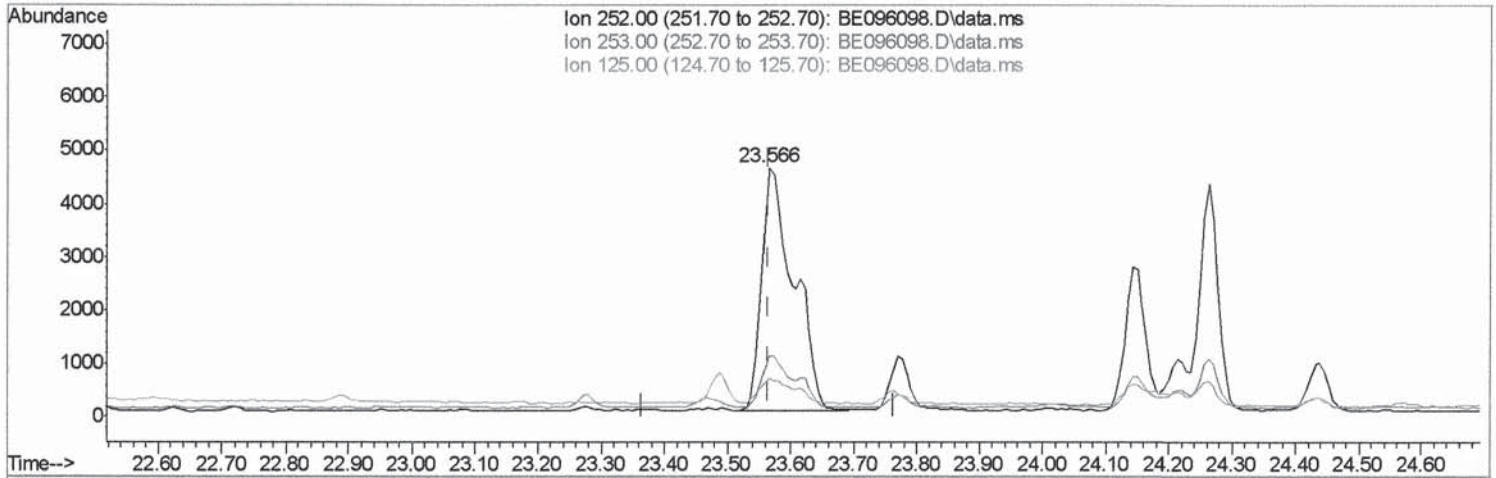
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



TIC: BE096098.D\data.ms

(21) Benzo(b)fluoranthene

23.566min (+0.001) 0.57 ng/ul

response 15982

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.06
125.00	17.50	15.72
0.00	0.00	0.00

Quantitation Report (Qedit)

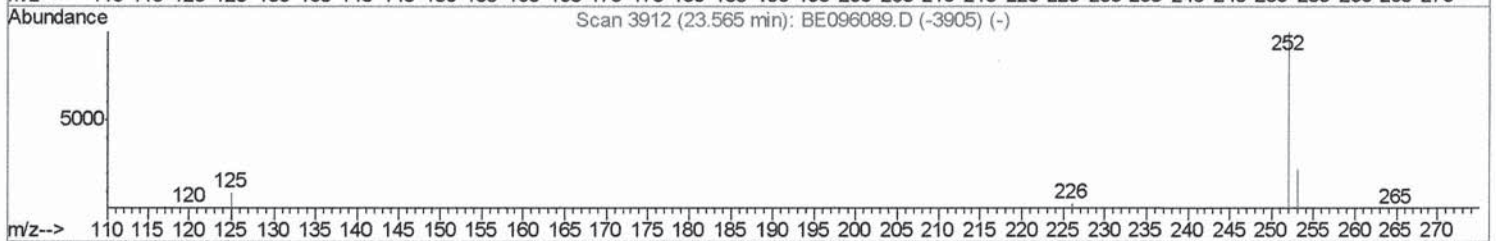
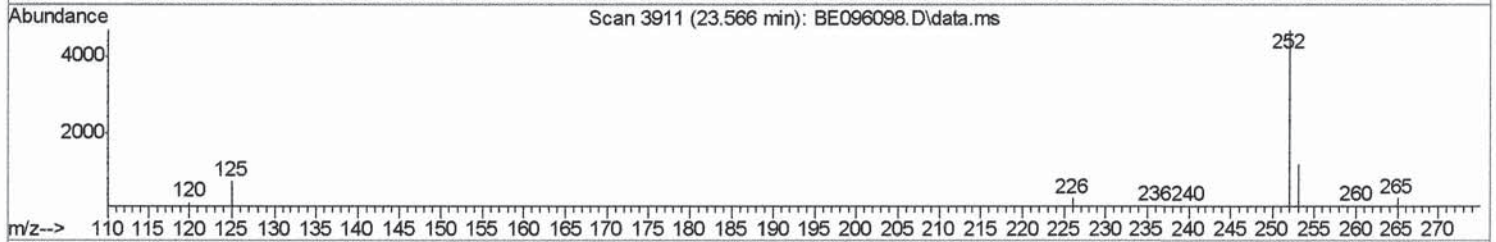
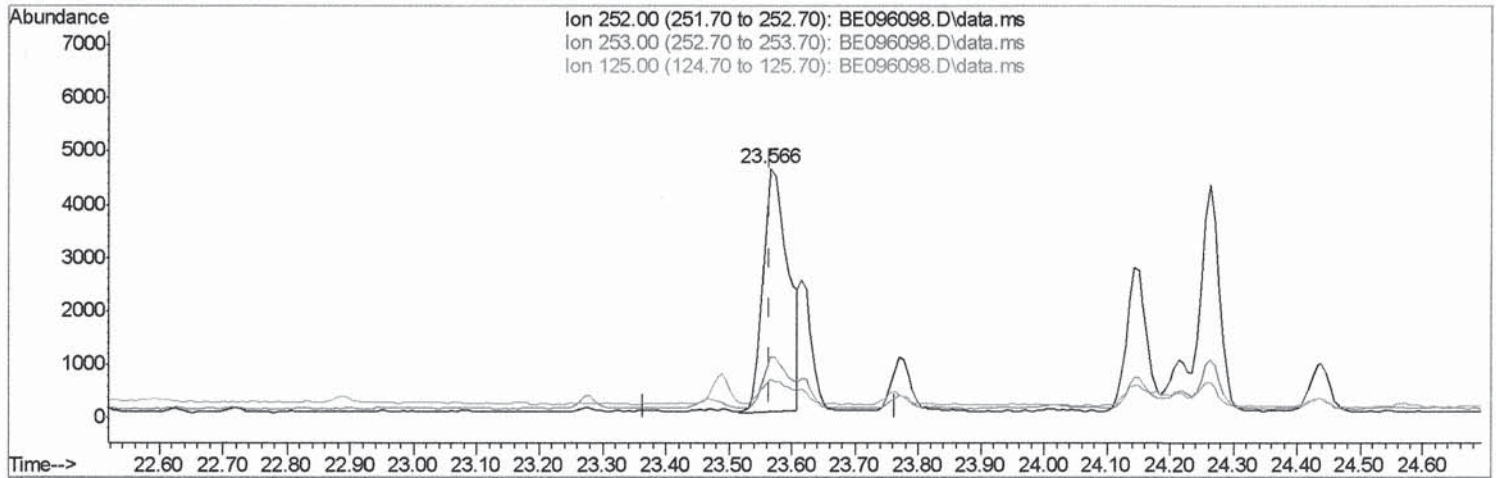
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



TIC: BE096098.D\data.ms

(21) Benzo(b)fluoranthene

23.566min (+0.001) 0.46 ng/ul m > SJ 4/22/18

response 12802

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.06
125.00	17.50	15.72
0.00	0.00	0.00

Quantitation Report (Qedit)

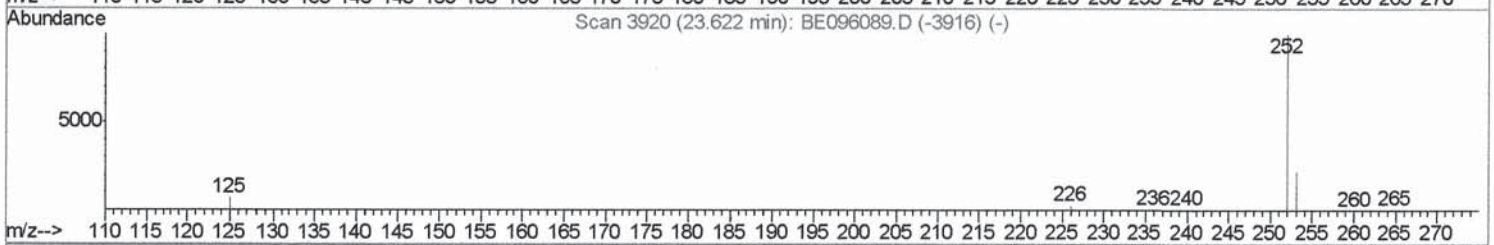
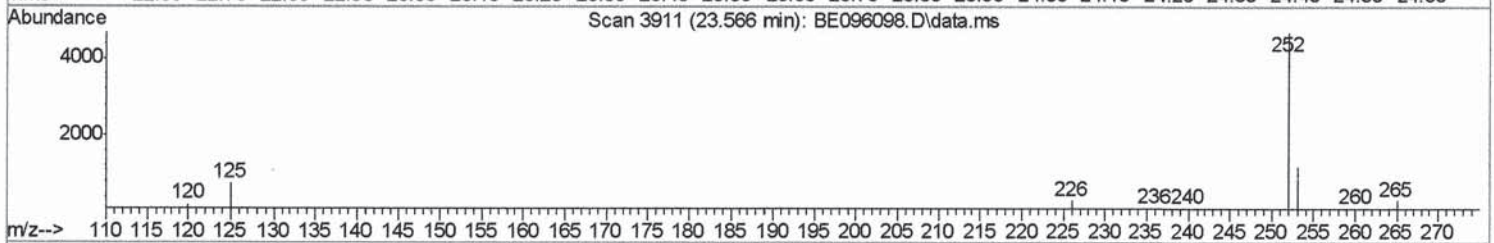
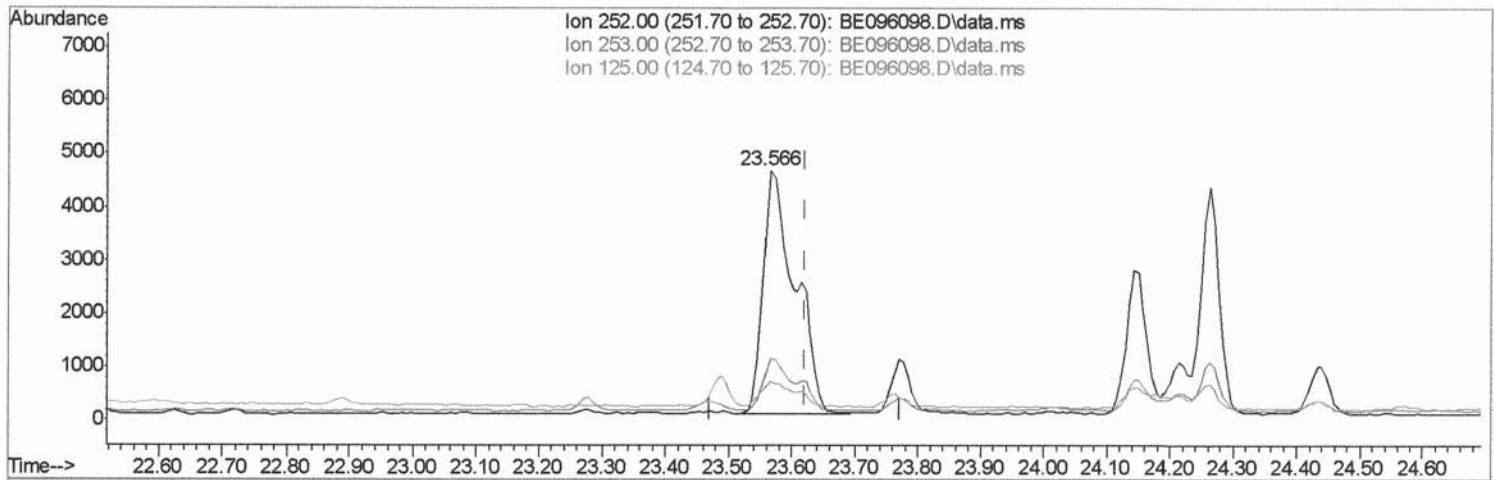
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



TIC: BE096098.D\data.ms

(22) Benzo(k)fluoranthene
 23.566min (-0.056) 0.57 ng/ul
 response 15914

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.06
125.00	17.10	15.72
0.00	0.00	0.00

Quantitation Report (Qedit)

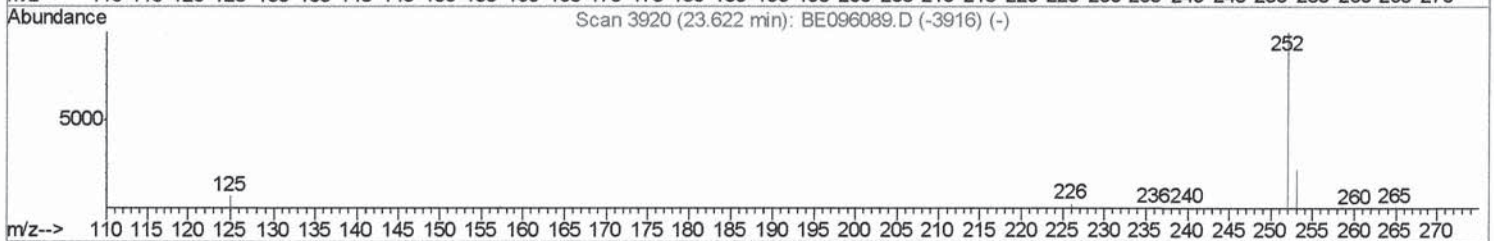
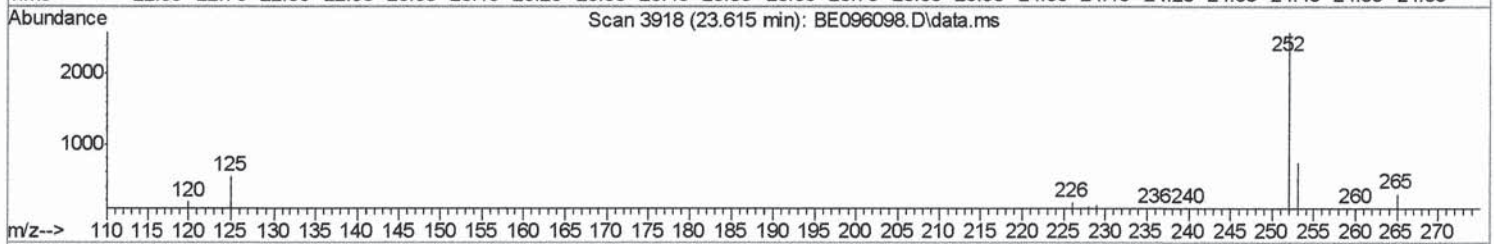
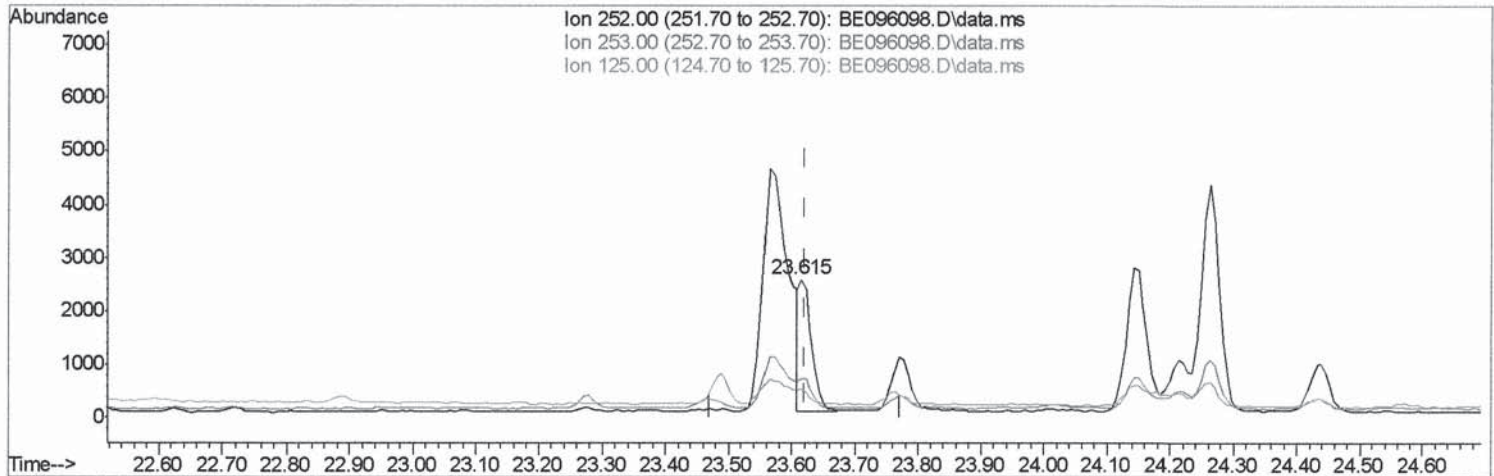
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 10:59:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



TIC: BE096098.D\data.ms

(22) Benzo(k)fluoranthene

23.615min (-0.006) 0.12 ng/ul m

response 3252

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.53
125.00	17.10	21.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096098.D
 Acq On : 23 Apr 2018 23:02
 Operator : SJ/JU
 Sample : J2355-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y15

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:55 PM

Quant Time: Apr 24 11:12:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	2035	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5810	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.967	164	3470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.676	188	7375m	0.40	ng/ul	0.00
16) Chrysene-d12	21.766	240	8334m	0.40	ng/ul	0.00
20) Perylene-d12	24.375	264	8681	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.757	152	3291	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.656	212	8775m	0.29	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.254	128	643	0.04	ng/ul#	69
7) Acenaphthylene	14.697	152	1336	0.07	ng/ul#	91
9) Fluorene	15.994	166	487	0.03	ng/ul#	92
12) Phenanthrene	17.718	178	8835m	0.41	ng/ul	
15) Fluoranthene	19.684	202	20364m	0.69	ng/ul	
17) Pyrene	20.040	202	22172	0.78	ng/ul#	79
18) Benzo(a)anthracene	21.745	228	11602m	0.34	ng/ul	
19) Chrysene	21.801	228	10082m	0.42	ng/ul	
21) Benzo(b)fluoranthene	23.566	252	12802m	0.46	ng/ul	
22) Benzo(k)fluoranthene	23.615	252	3252m	0.12	ng/ul	
23) Benzo(a)pyrene	24.262	252	8312	0.31	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.165	276	5622	0.19	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.169	278	1475	0.06	ng/ul#	79
26) Benzo(a,h,i)perylene	28.032	276	4122	0.16	ng/ul	95

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