

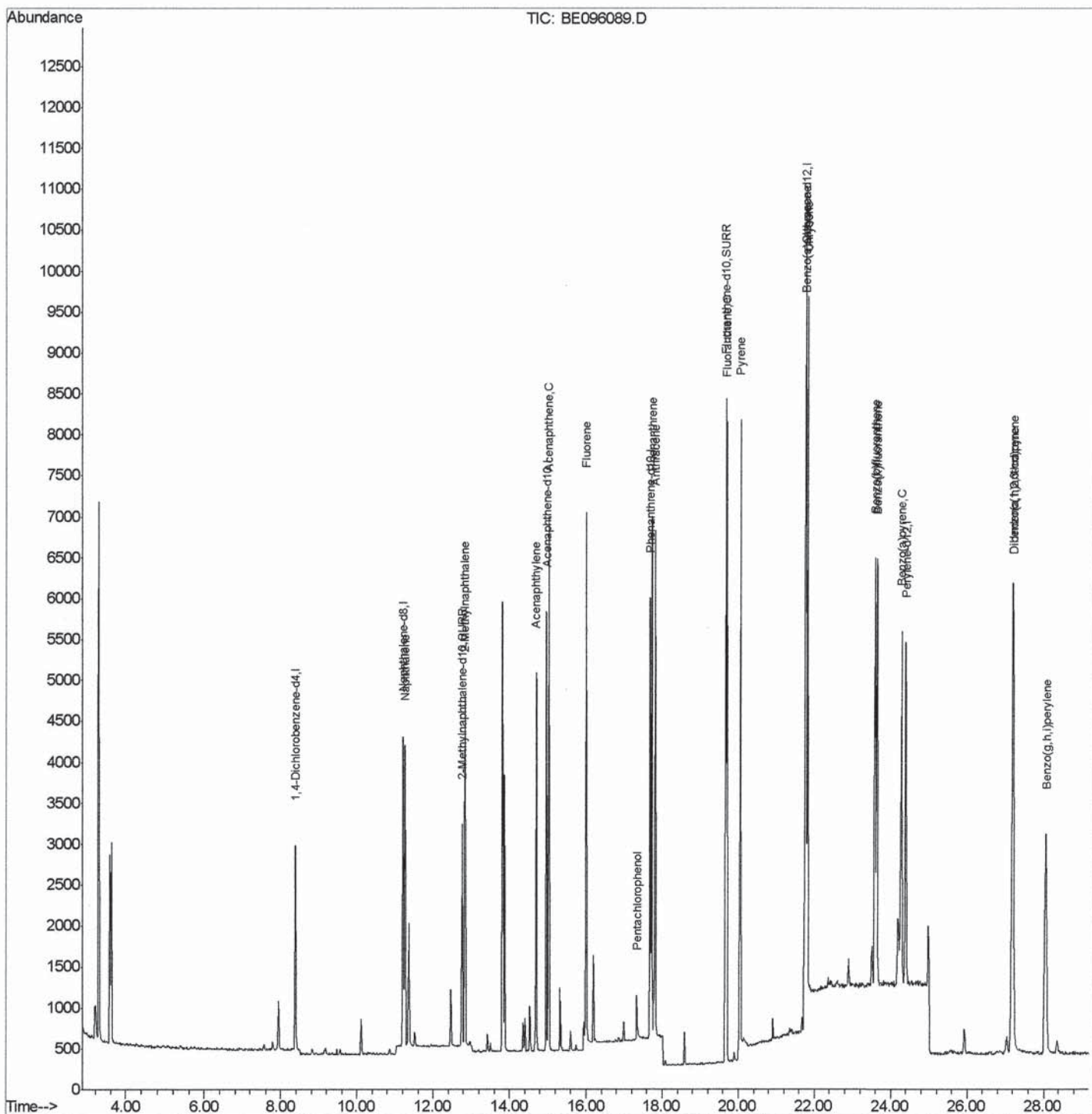
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096089.D
Acq On : 23 Apr 2018 17:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.448

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:57:05 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 05:21:12 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

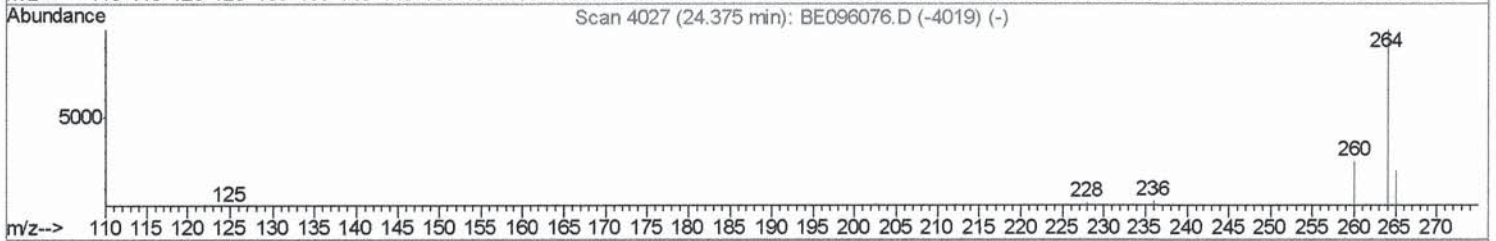
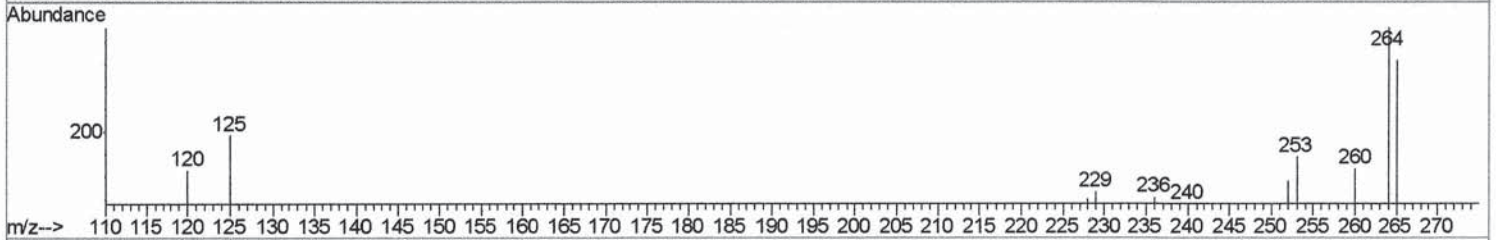
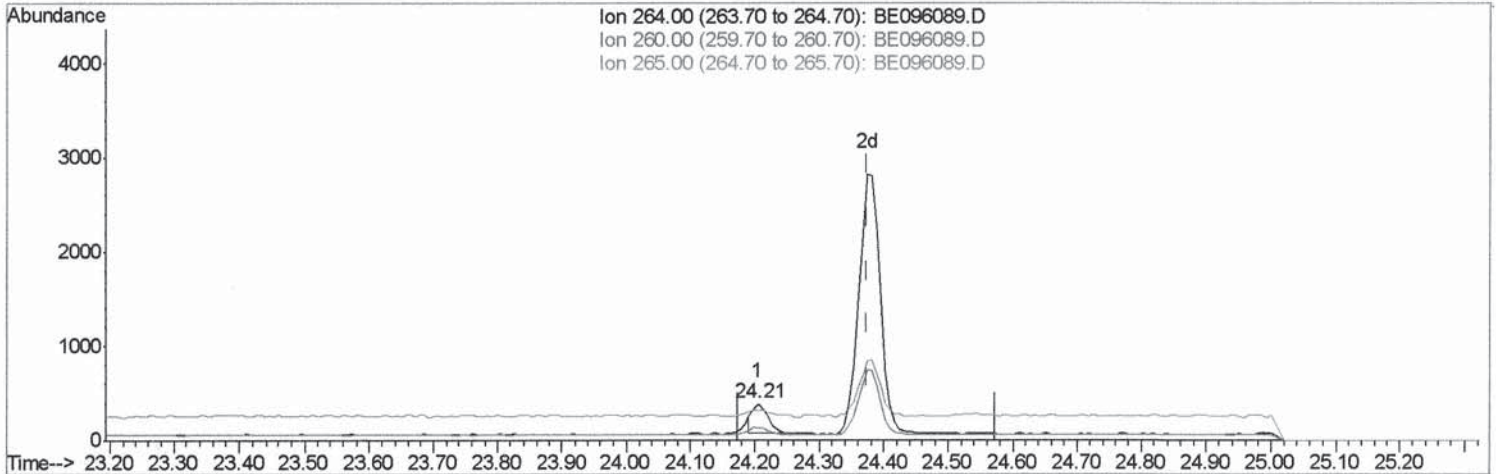
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 05:23:47 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(20) Perylene-d12 (I)
 24.205min (-0.169) 0.40ng/ul
 response 496

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	34.55
265.00	103.50	84.68
0.00	0.00	0.00

Quantitation Report (Qedit)

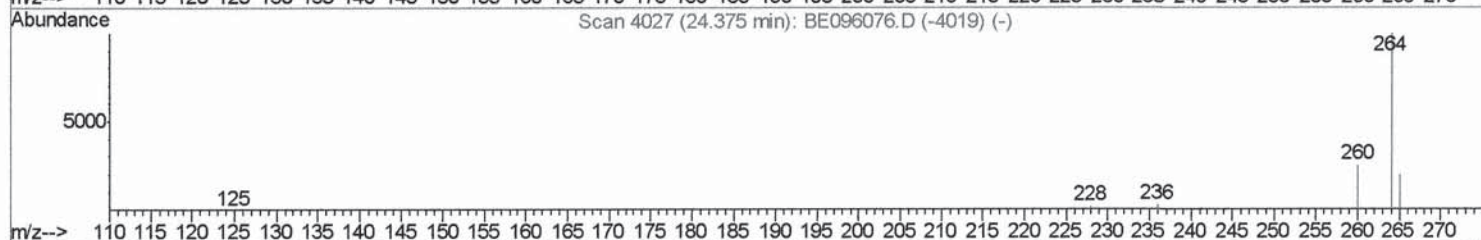
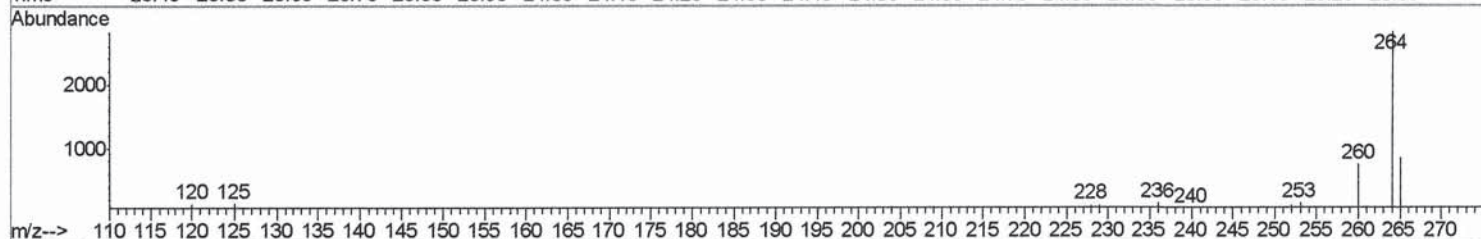
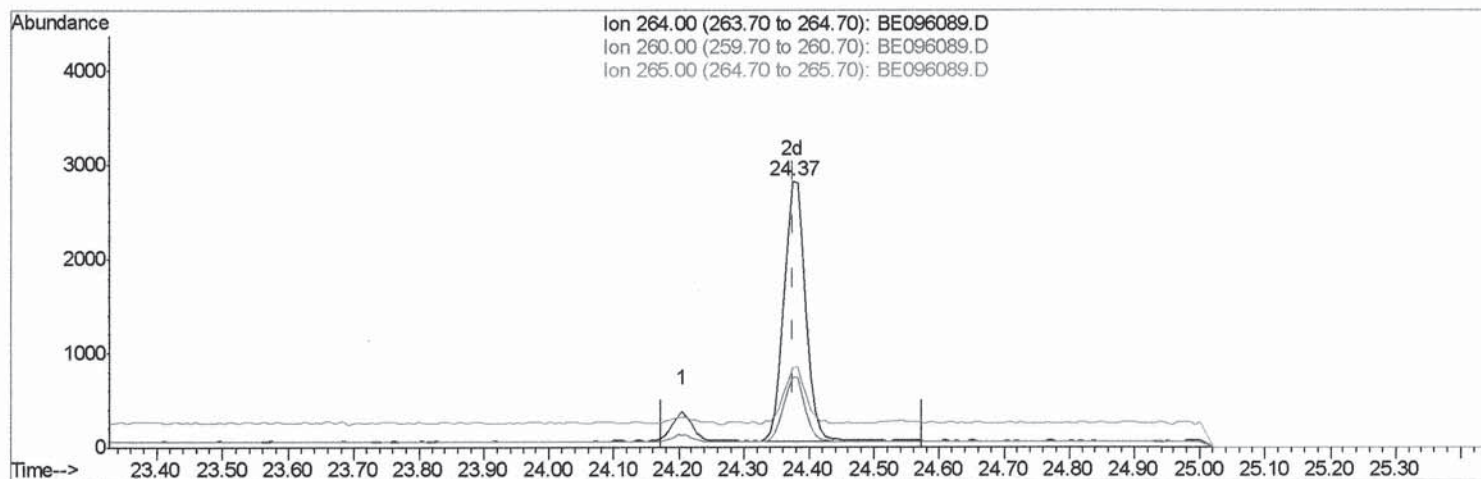
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096089.D
Acq On : 23 Apr 2018 17:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampled :
SSTD0.448

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:03 PM

Quant Time: Apr 24 05:23:47 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 05:21:12 2018
Response via : Initial Calibration



TIC: BE096089.D

(20) Perylene-d12 (I)

24.374min (-0.001) 0.40ng/ul m> SJ 4/24/18

response 6332

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.46
265.00	103.50	29.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

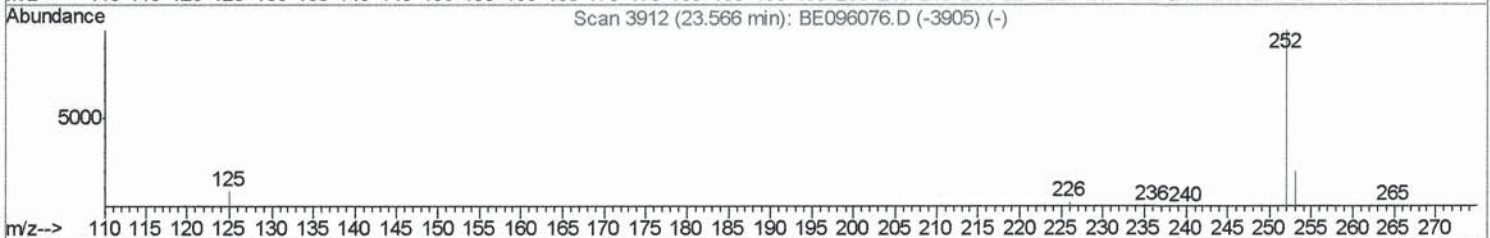
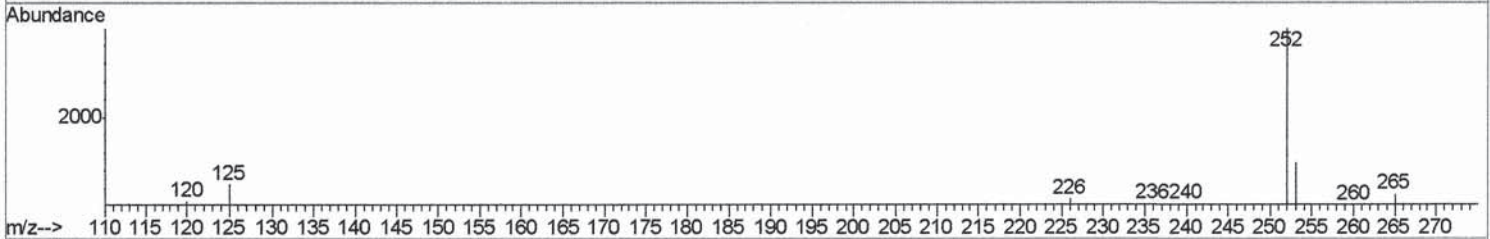
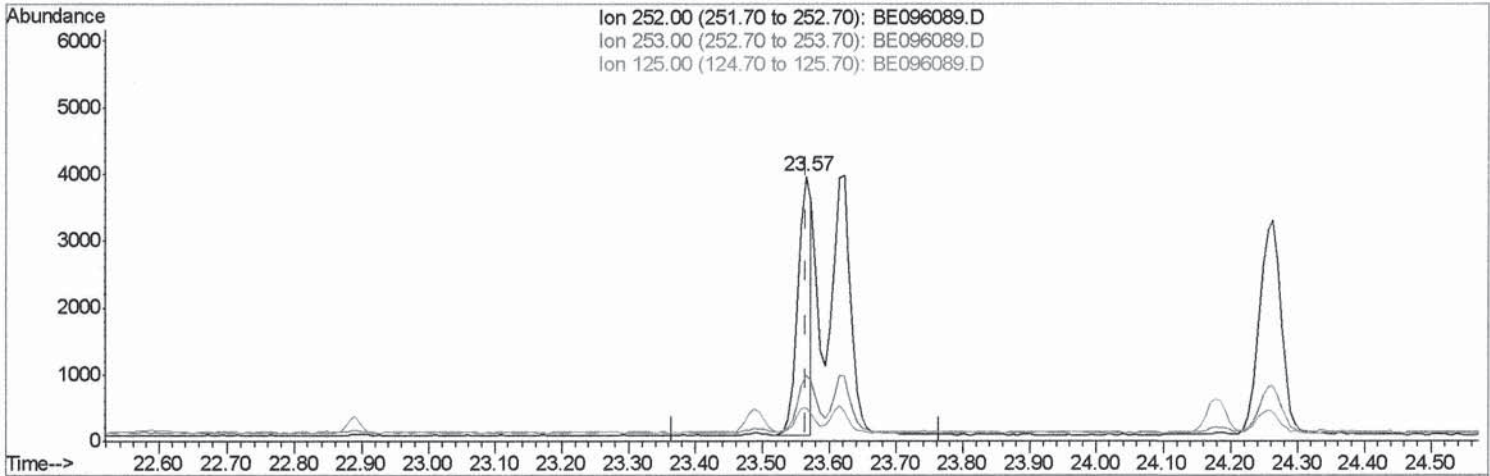
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(21) Benzo(b)fluoranthene
 23.565min (-0.001) 0.28ng/ul
 response 5681

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.99
125.00	17.50	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

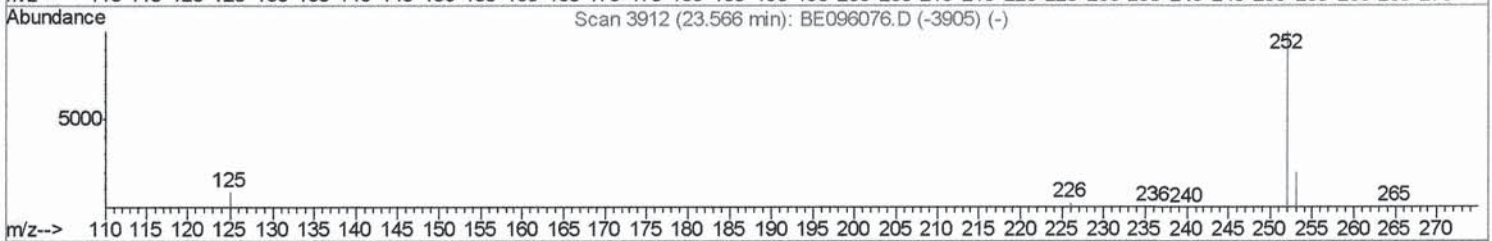
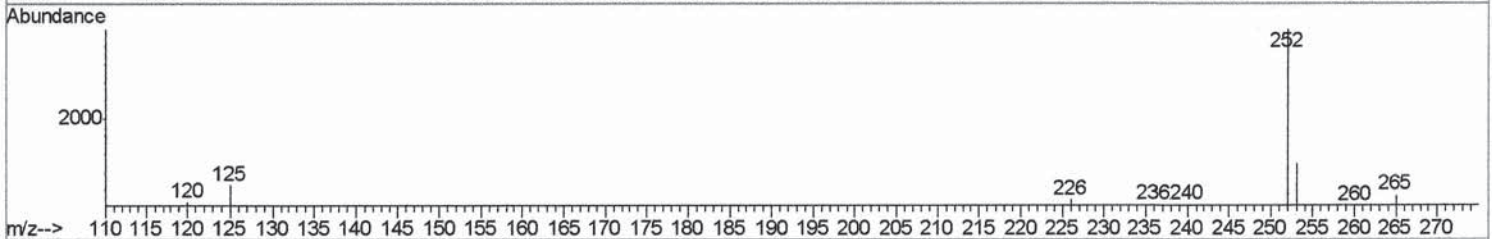
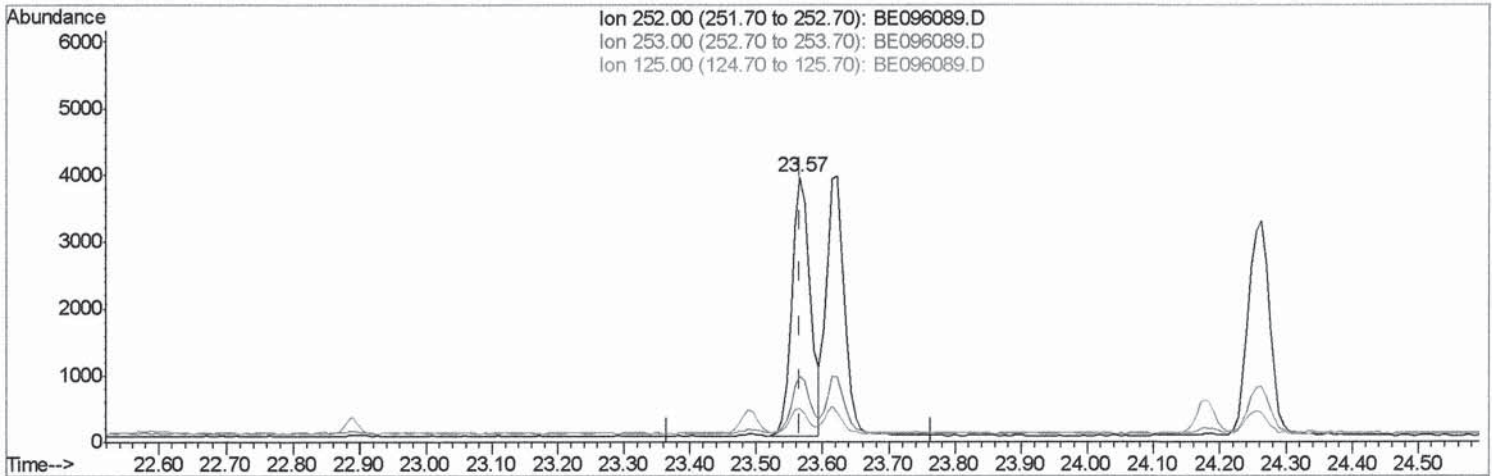
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(21) Benzo(b)fluoranthene

23.565min (-0.001) 0.38ng/ul m > SJ 4/22/18

response 7693

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.99
125.00	17.50	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

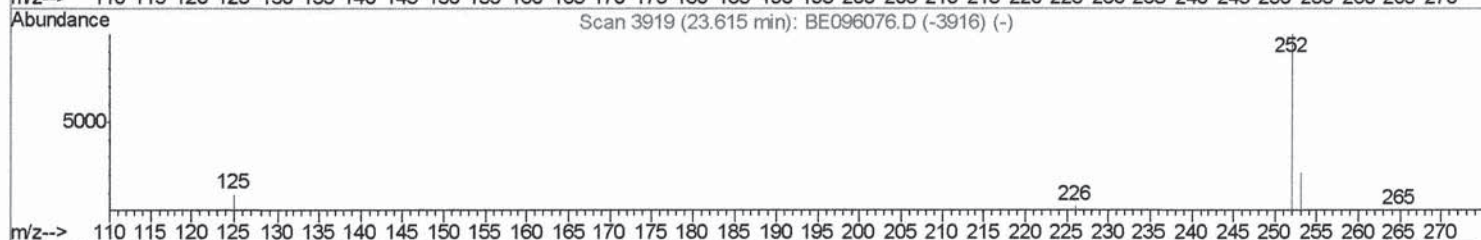
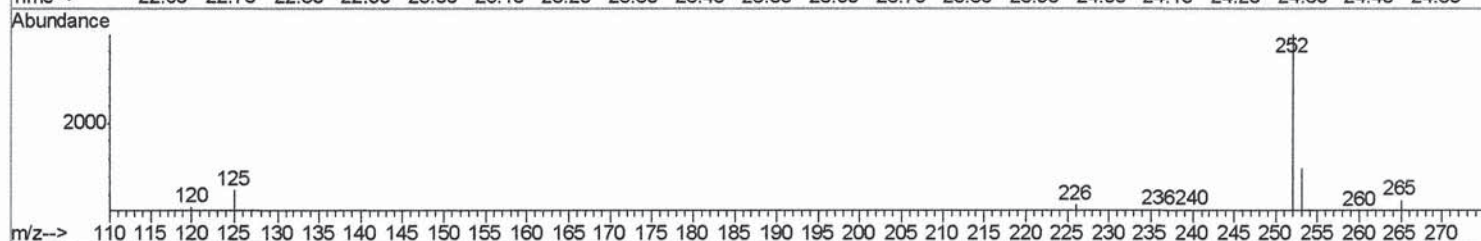
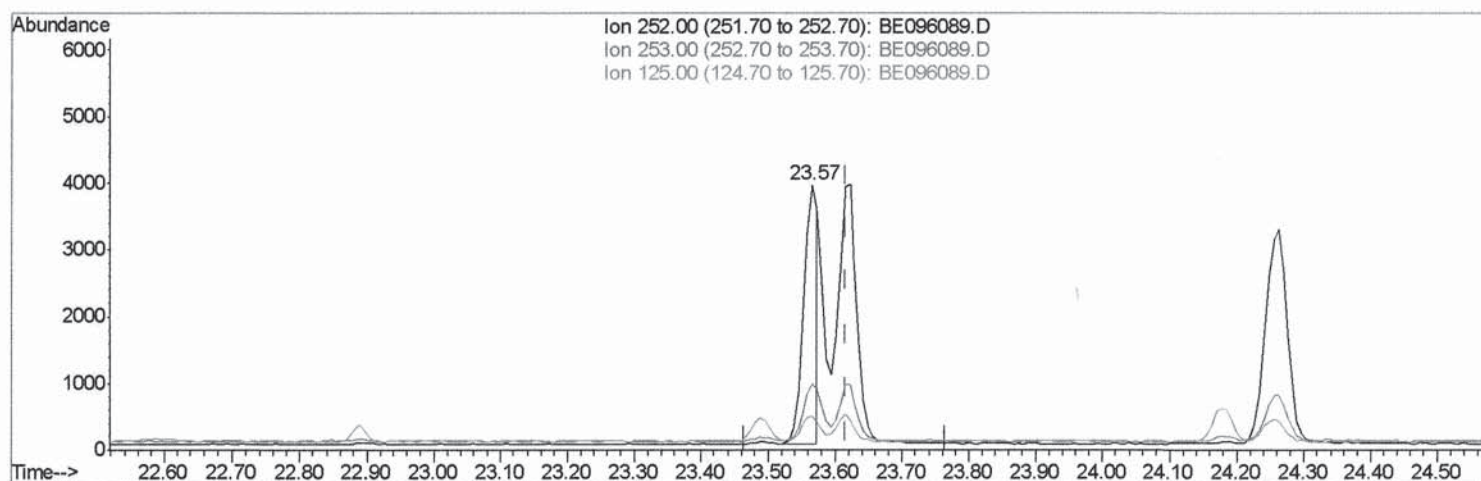
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096089.D
Acq On : 23 Apr 2018 17:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.448

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
Response via : Initial Calibration



TIC: BE096089.D

(22) Benzo(k)fluoranthene

23.565min (-0.050) 0.28ng/ul

response 5681

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.99
125.00	17.10	12.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

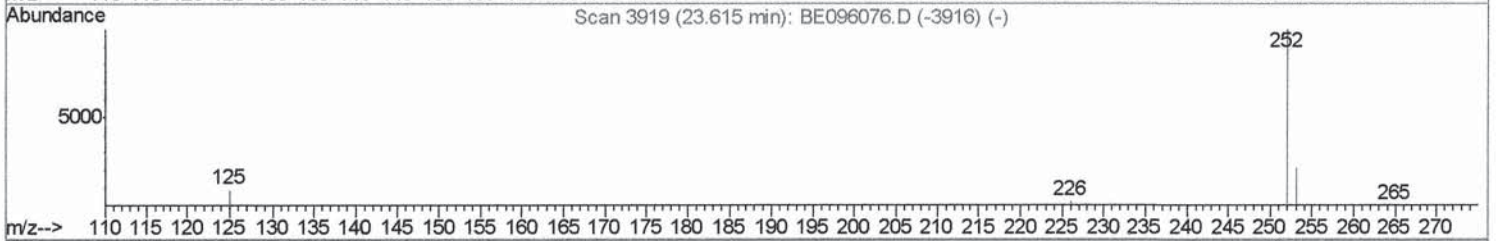
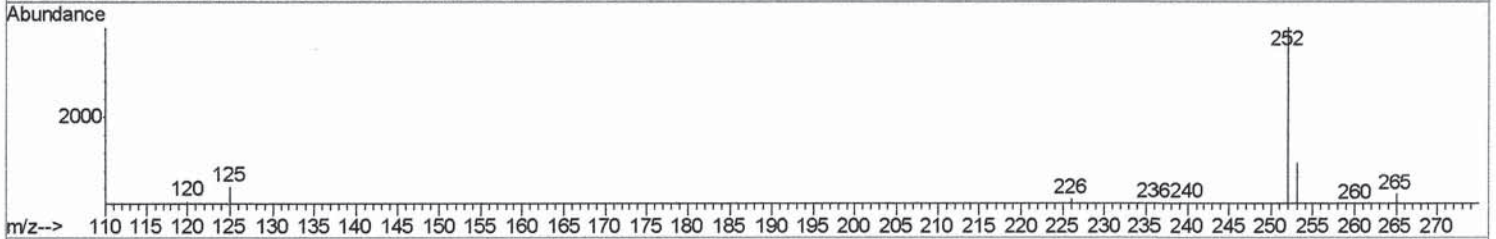
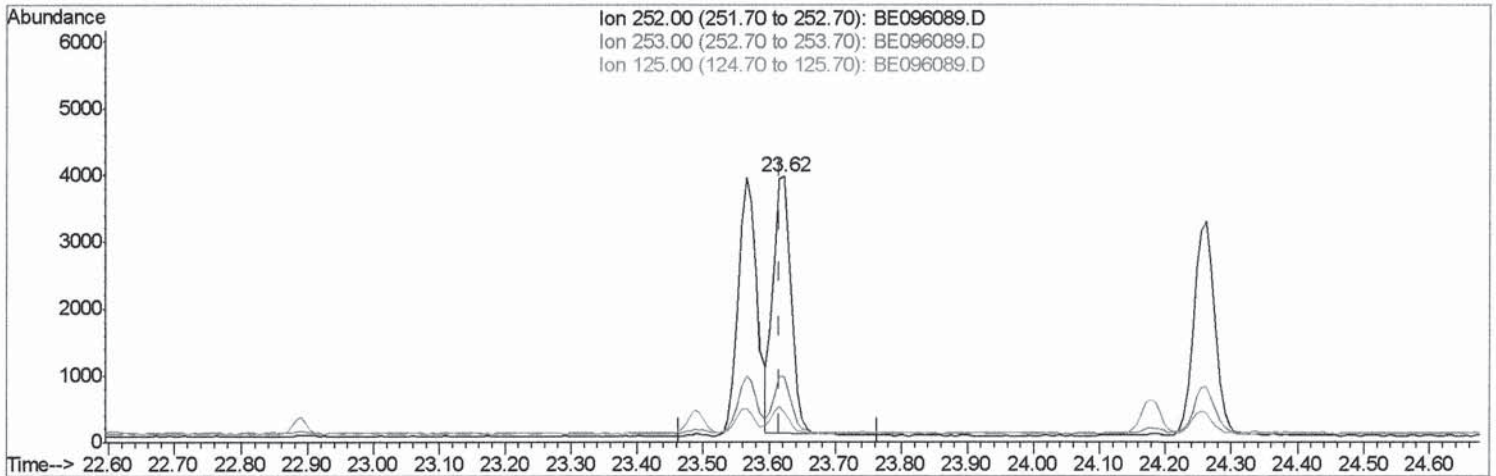
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(22) Benzo(k)fluoranthene

23.622min (+0.006) 0.35ng/ul m> SJ 4/27/18

response 7110

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.59
125.00	17.10	11.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

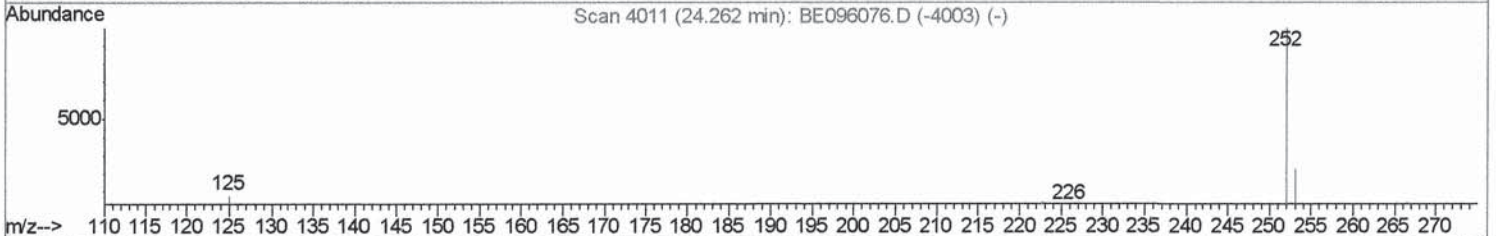
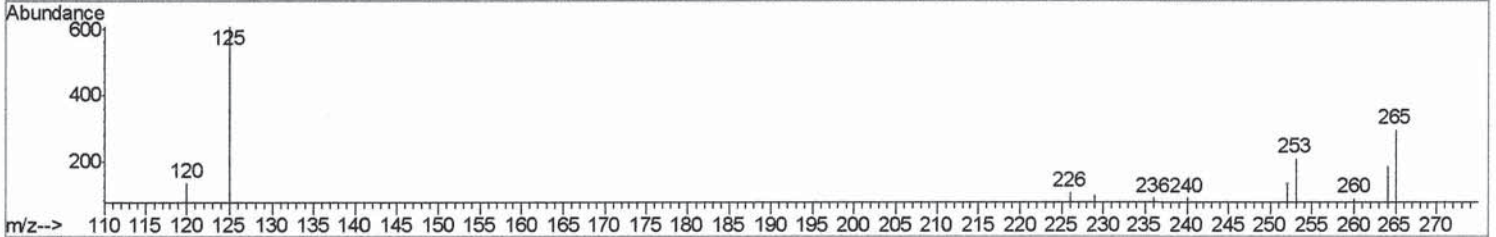
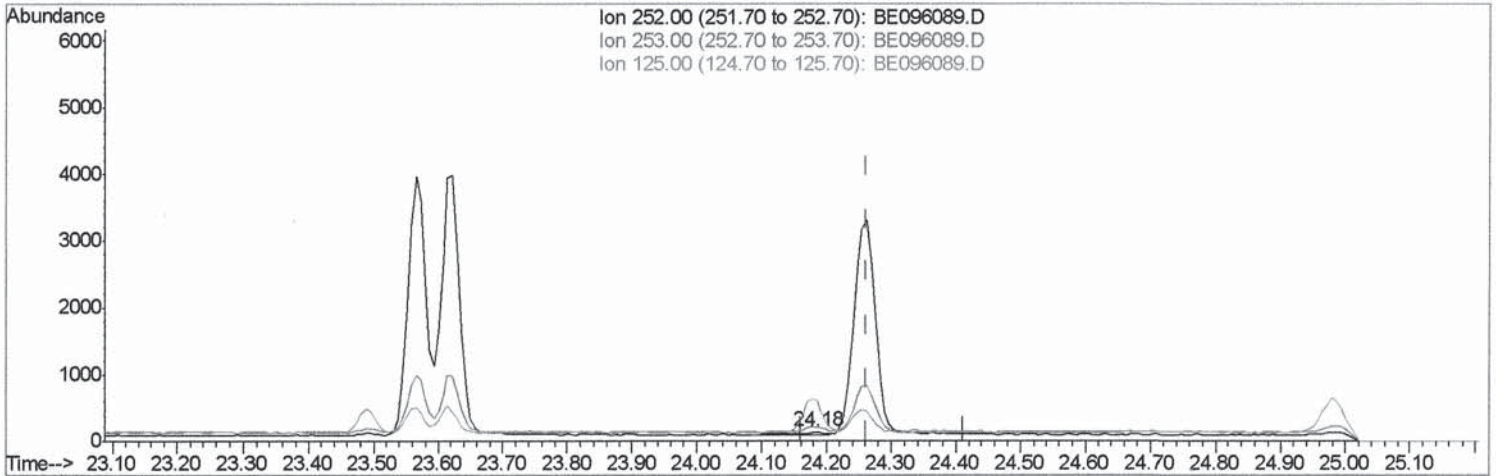
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(23) Benzo(a)pyrene (C)
 24.184min (-0.078) 0.01ng/ul
 response 119

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	157.25#
125.00	22.60	464.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

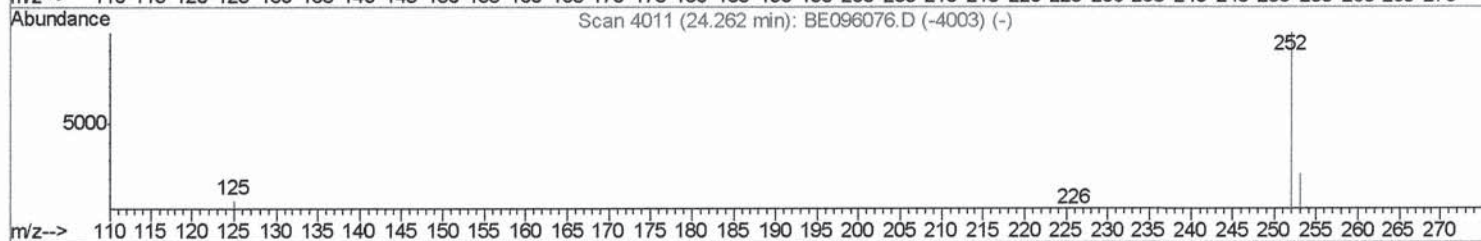
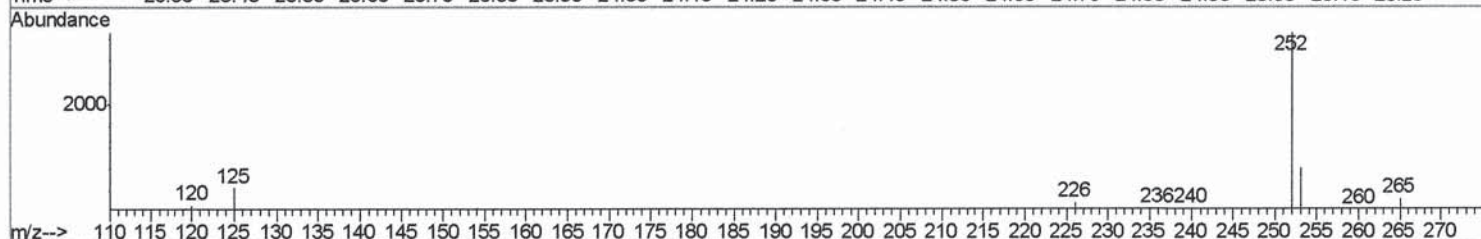
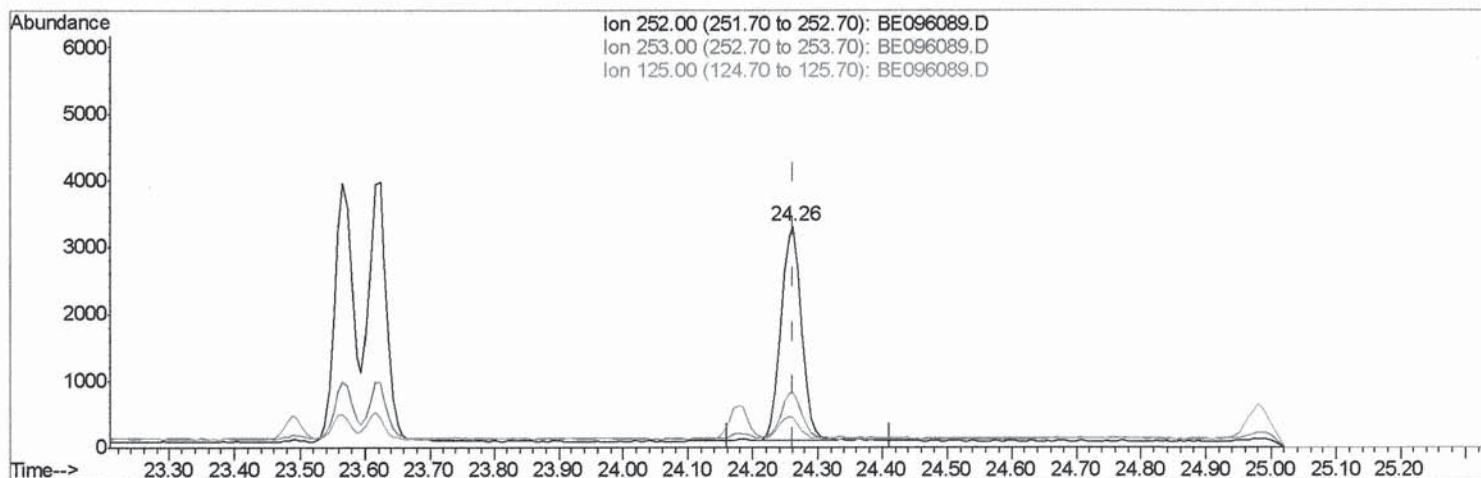
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(23) Benzo(a)pyrene (C)

24.261min (-0.001) 0.36ng/ul m > SJ 4/24/18

response 7169

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.96#
125.00	22.60	13.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

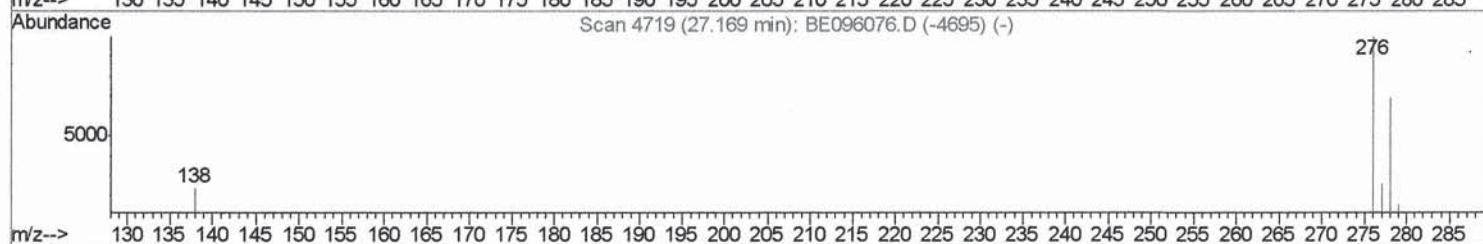
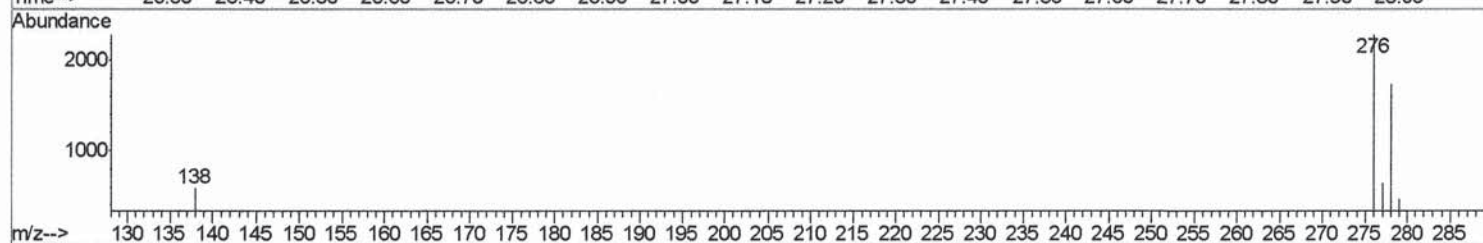
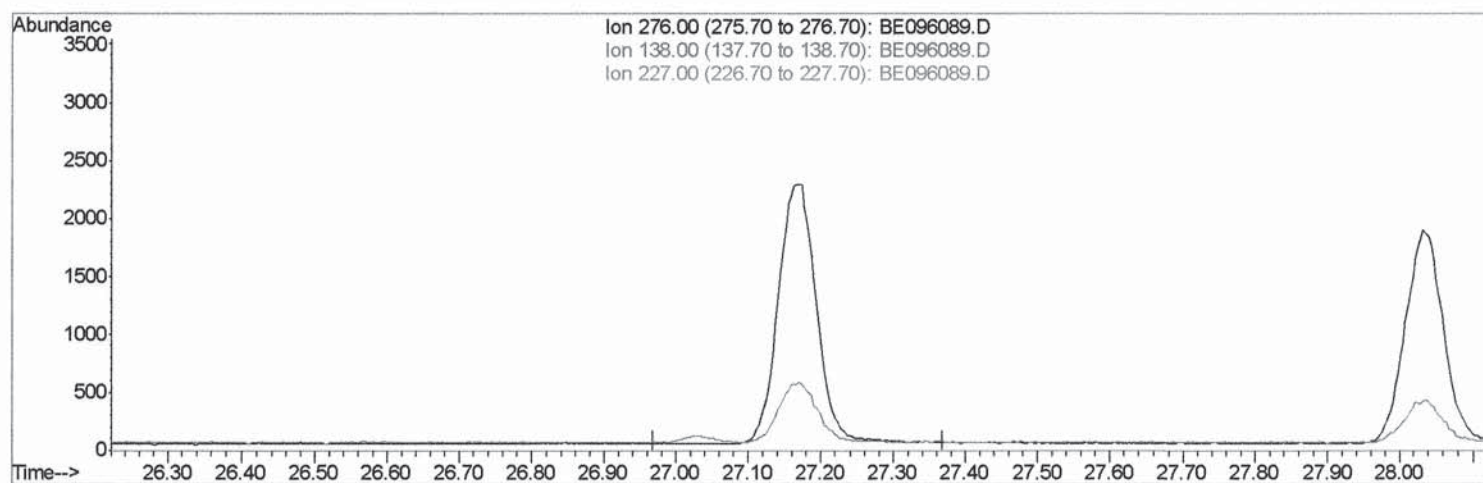
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096089.D
Acq On : 23 Apr 2018 17:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.448

Manual Integrations
APPROVED

Sohil
4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

27.169min (-27.169) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

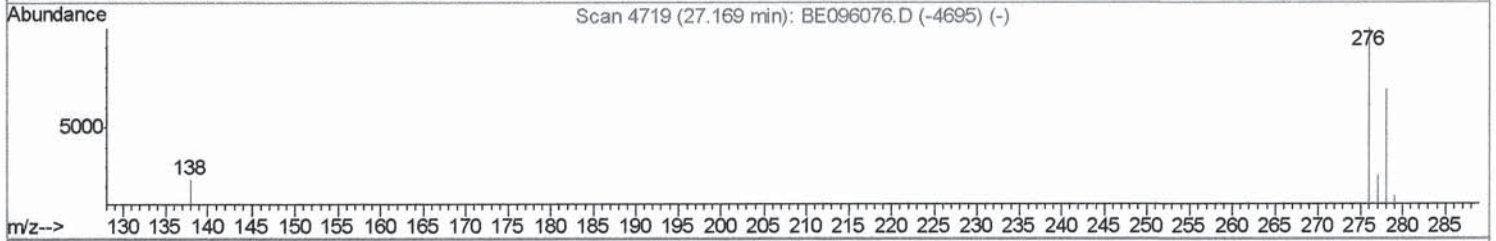
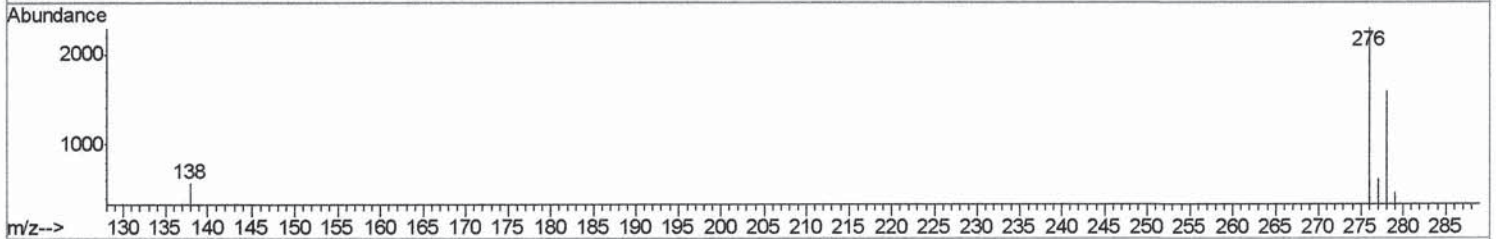
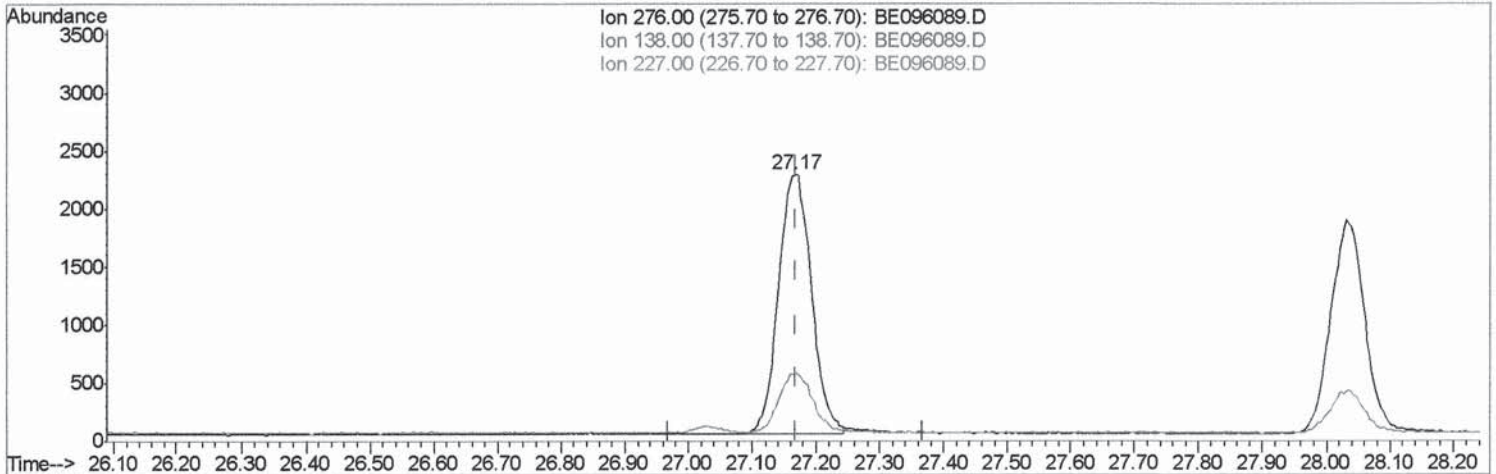
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

27.165min (-0.004) 0.37ng/ul m

response 8051

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

52 4/24/18

Quantitation Report (Qedit)

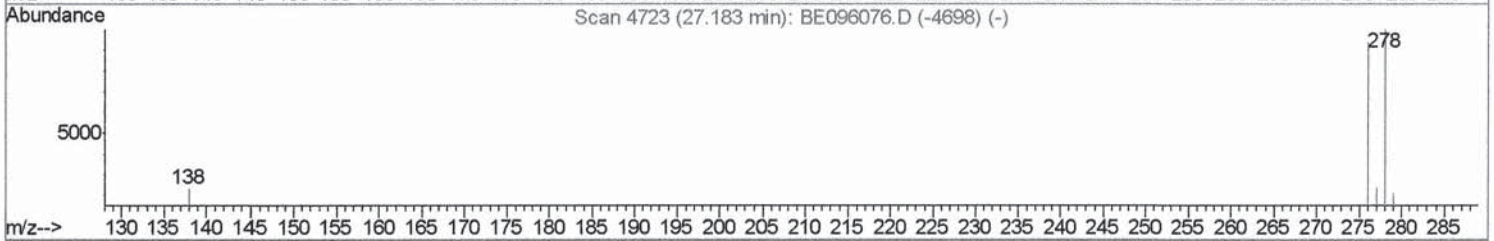
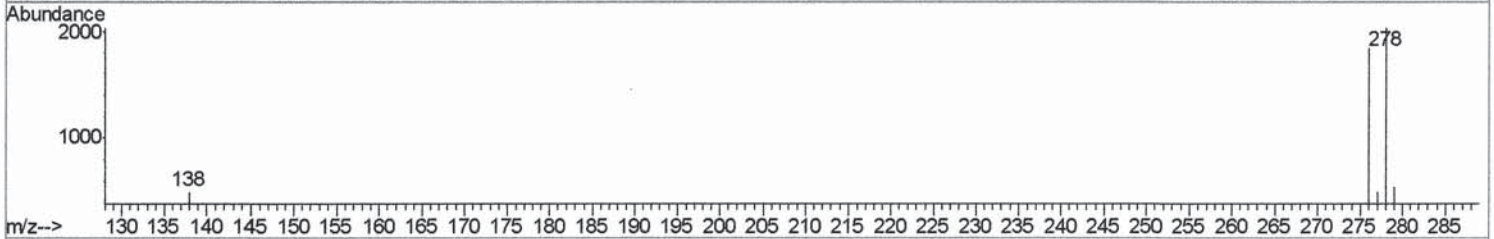
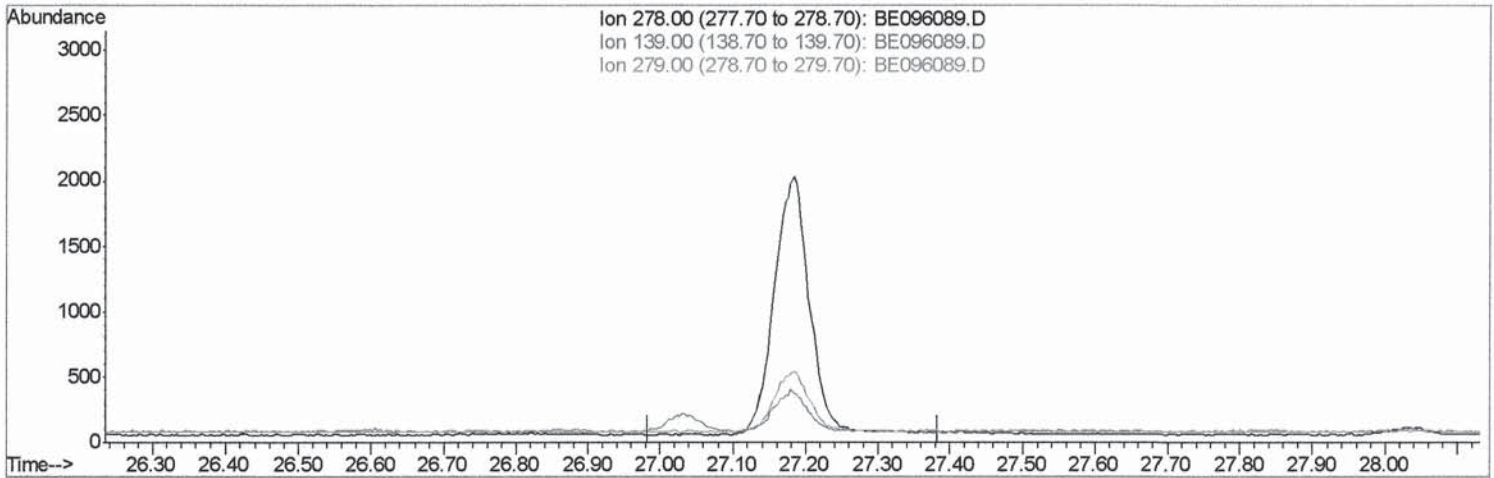
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(25) Dibenzo(a,h)anthracene

27.183min (-27.183) 0.00ng/ul

response 0

Ion	Exp%	Act%
278.00	100	0.00
139.00	21.70	0.00#
279.00	32.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

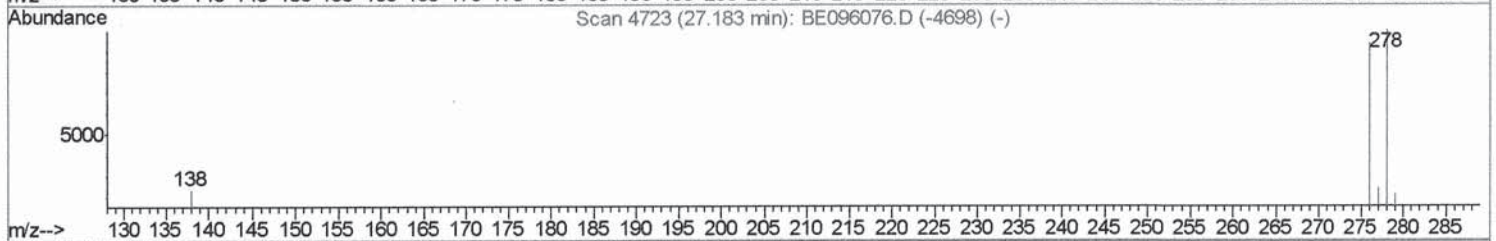
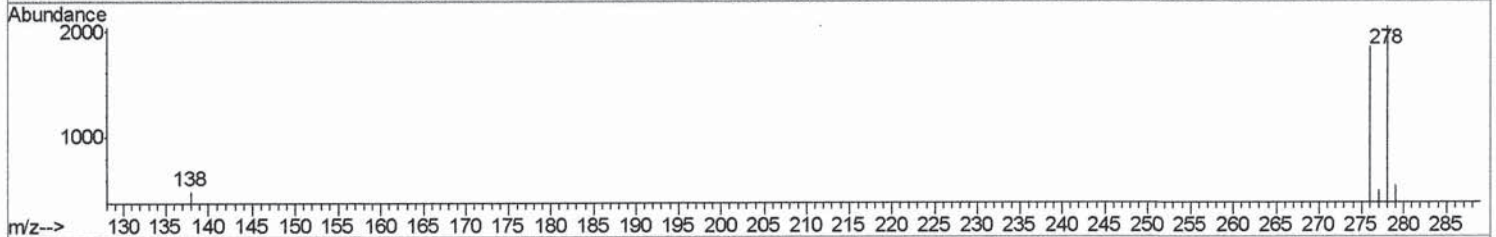
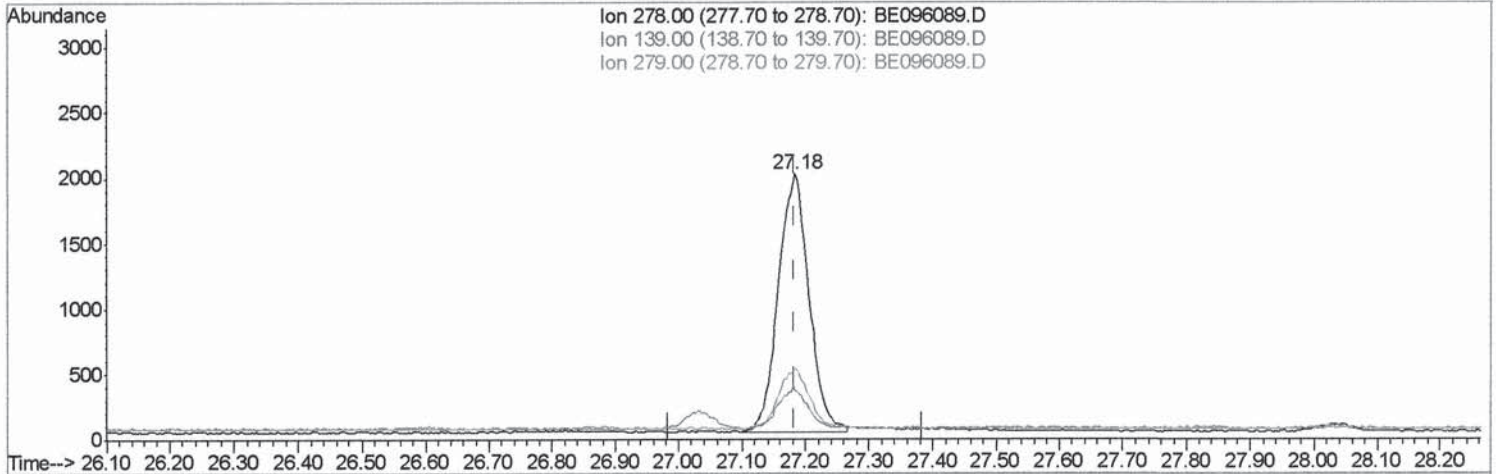
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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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 Response via : Initial Calibration



TIC: BE096089.D

(25) Dibenzo(a,h)anthracene

27.183min (-0.000) 0.38ng/ul m > 52 4/24/18

response 6653

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.85
279.00	32.40	26.92
0.00	0.00	0.00

Quantitation Report (Qedit)

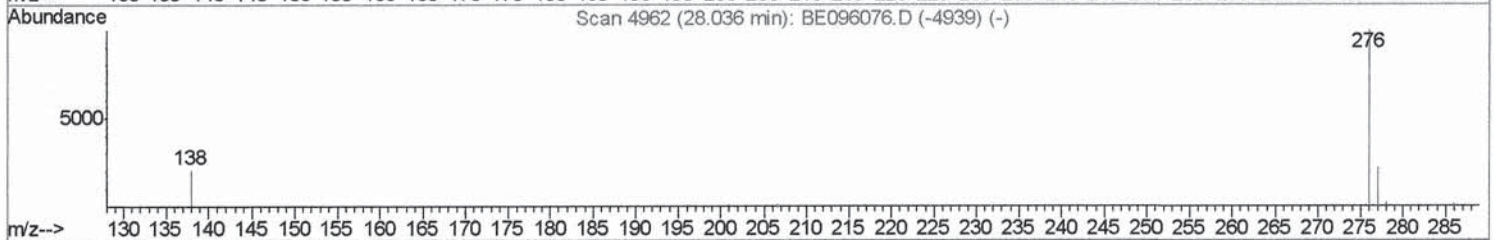
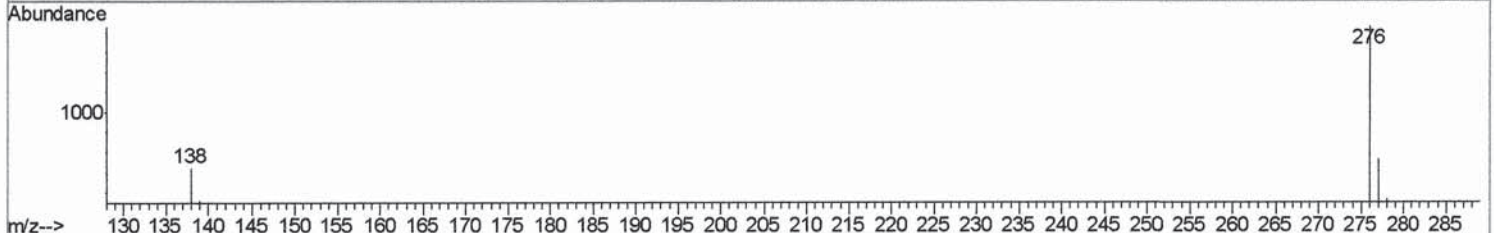
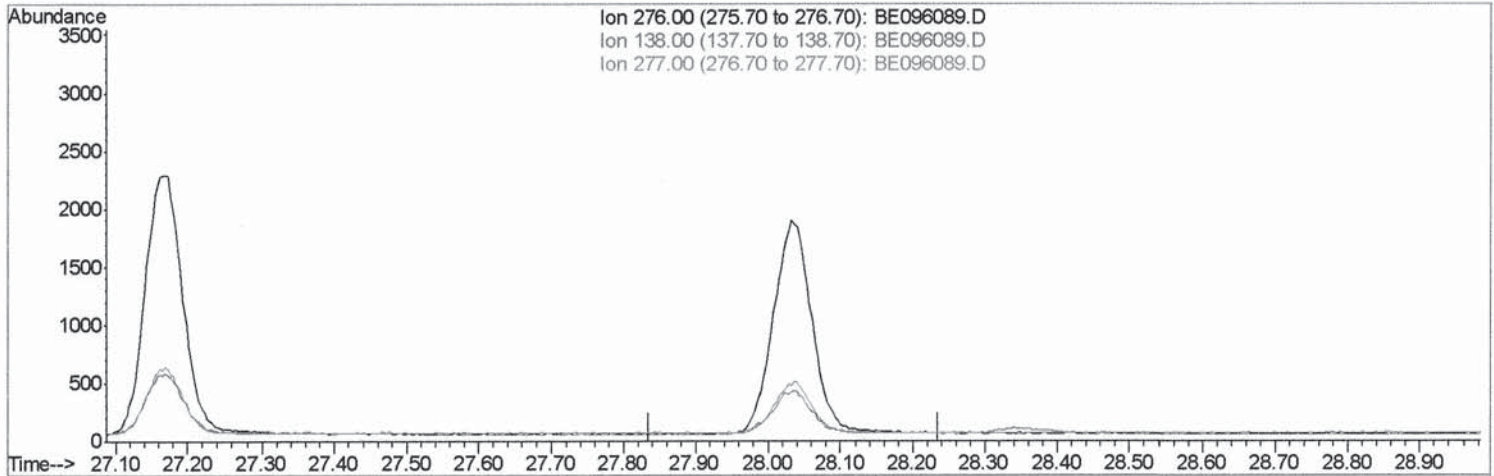
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(26) Benzo(g,h,i)perylene

28.036min (-28.036) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

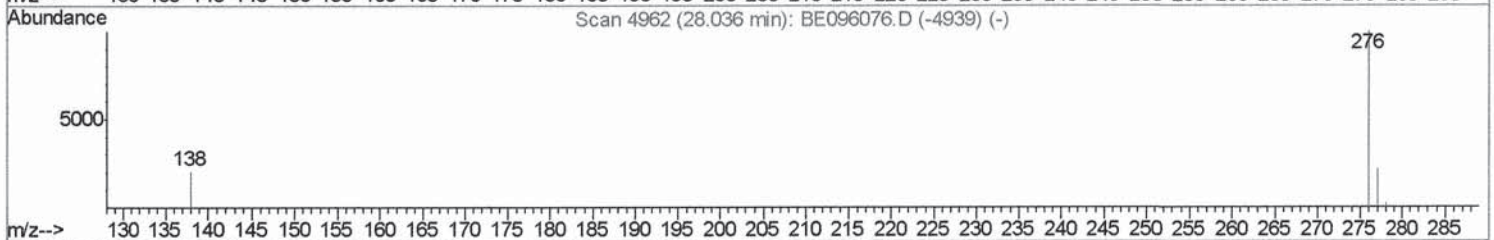
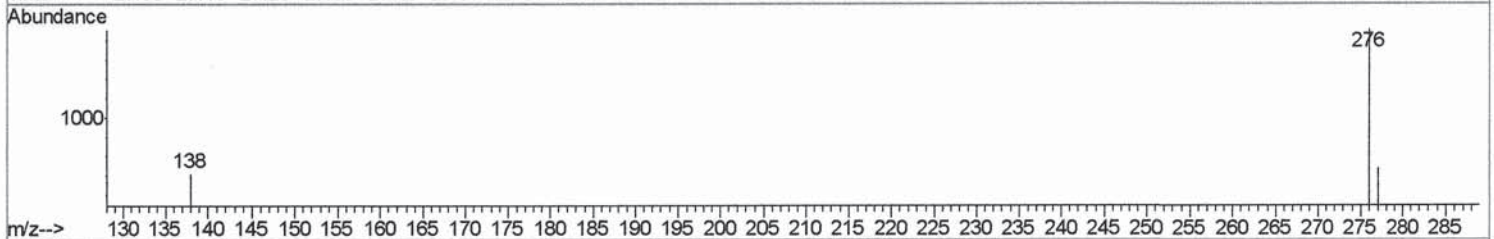
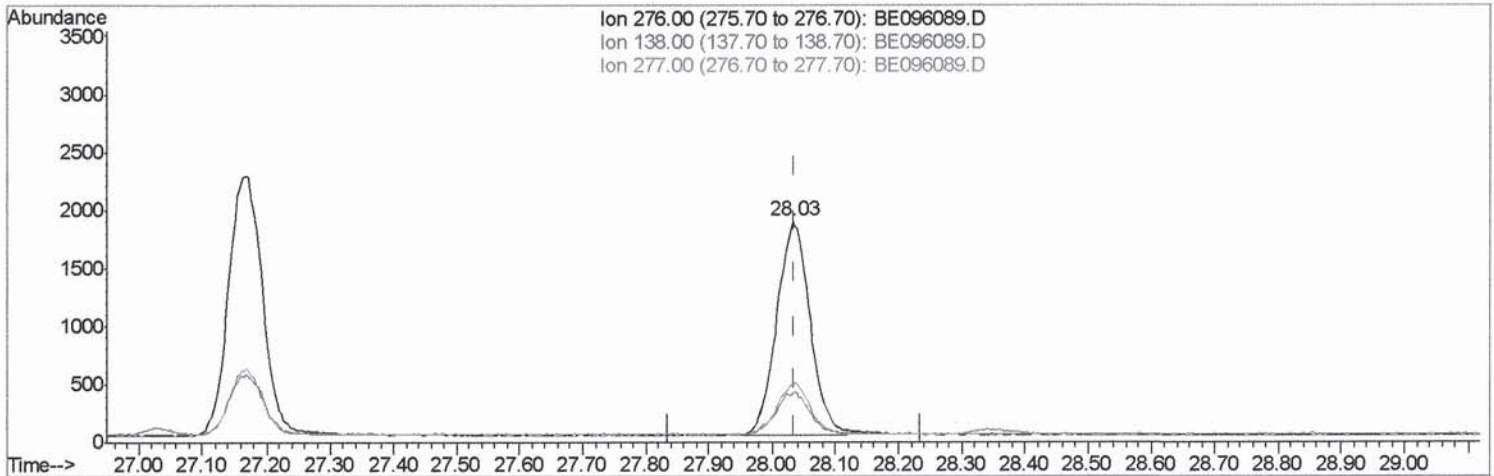
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:54:48 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 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096089.D

(26) Benzo(g,h,i)perylene

28.032min (-0.004) 0.37ng/ul m> SJ 4/24/18

response 6808

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	22.46
277.00	25.60	24.92
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096089.D
 Acq On : 23 Apr 2018 17:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.448

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:10:03 PM

Quant Time: Apr 24 06:57:05 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 05:21:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1866	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5079	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	6299	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7799	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	6332m	0.40	ng/ul	0.00

SJ 4/24/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.76	152	3565	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	8891	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.25	128	5257	0.371	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	3611	0.376	ng/ul	99
7) Acenaphthylene	14.69	152	5400	0.371	ng/ul	97
8) Acenaphthene	15.03	153	3856	0.369	ng/ul	93
9) Fluorene	16.00	166	4279	0.363	ng/ul#	91
11) Pentachlorophenol	17.33	266	322	0.242	ng/ul	96
12) Phenanthrene	17.71	178	6912	0.372	ng/ul#	88
13) Anthracene	17.80	178	6719	0.364	ng/ul#	91
15) Fluoranthene	19.68	202	8658	0.343	ng/ul	85
17) Pyrene	20.04	202	9461	0.357	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	10658	0.338	ng/ul#	85
19) Chrysene	21.80	228	7717	0.340	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	7693m	0.375	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	7110m	0.348	ng/ul	
23) Benzo(a)pyrene	24.26	252	7169m	0.363	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.17	276	8051m	0.366	ng/ul	
25) Dibenzo(a,h)anthracene	27.18	278	6653m	0.376	ng/ul	
26) Benzo(a,h,i)perylene	28.03	276	6808m	0.371	ng/ul	

SJ 4/24/18

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