

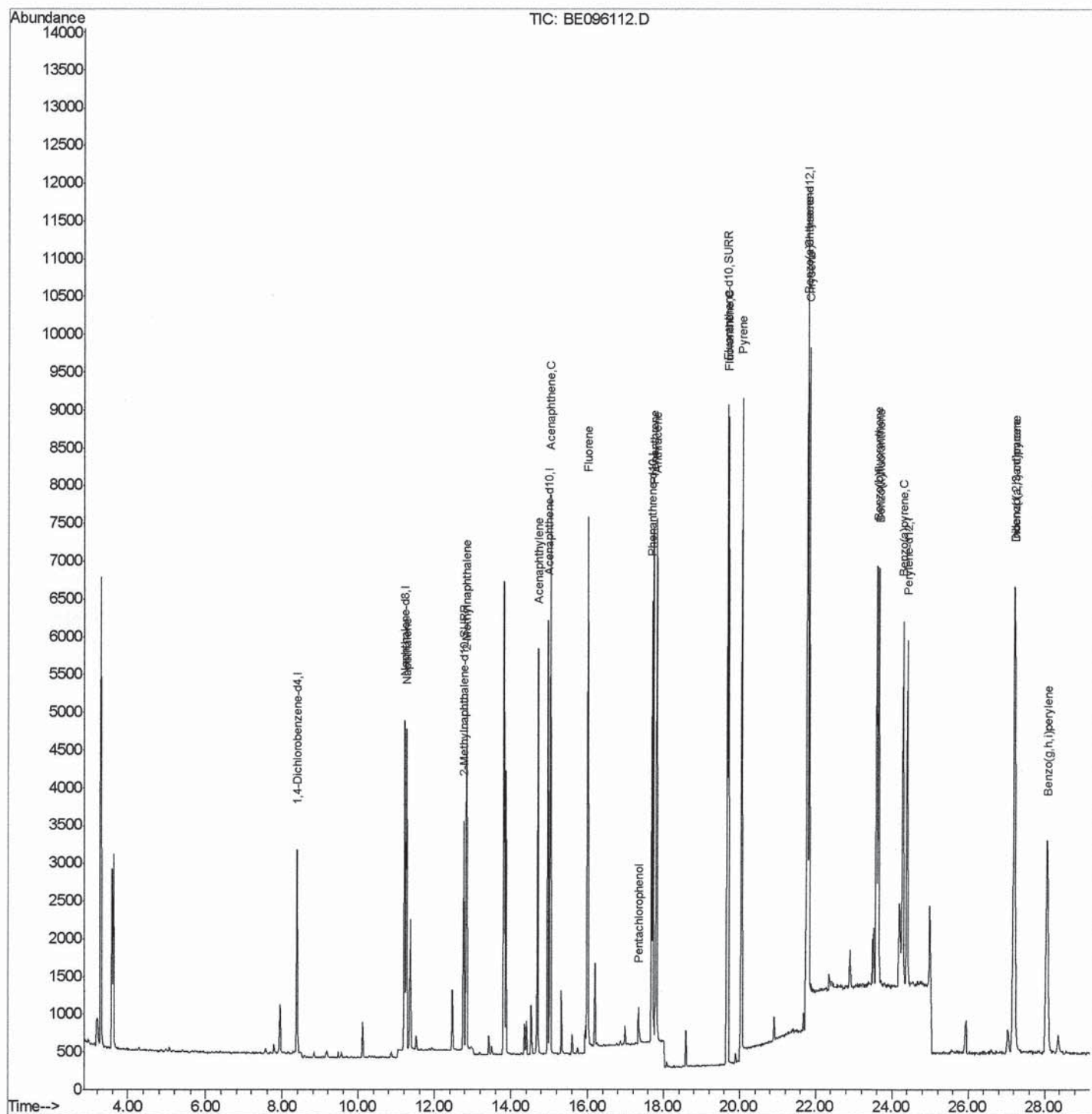
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096112.D
Acq On : 24 Apr 2018 7:23
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.450

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:30:48 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 06:59:54 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

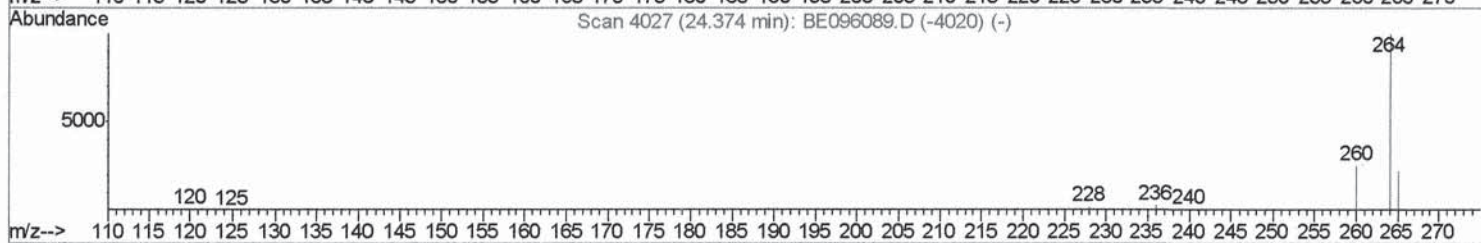
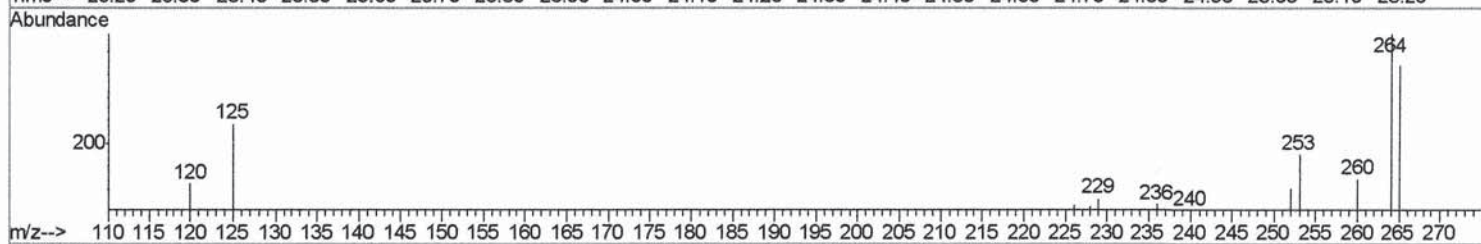
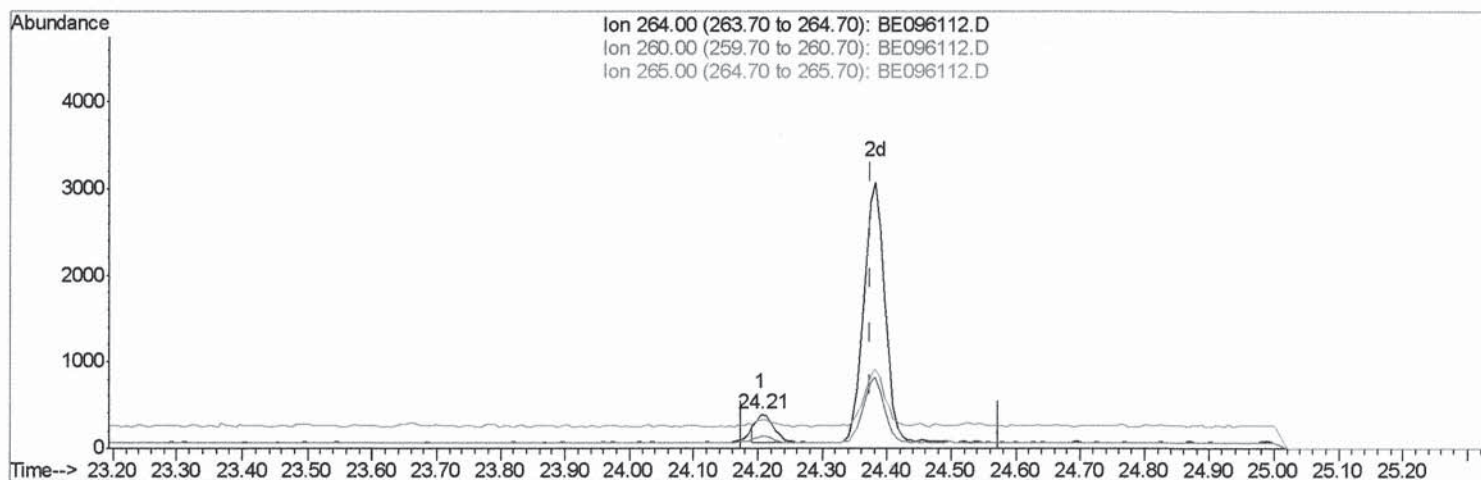
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096112.D
Acq On : 24 Apr 2018 7:23
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.450

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:26:35 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 06:59:54 2018
Response via : Initial Calibration



TIC: BE096112.D

(20) Perylene-d12 (I)

24.205min (-0.169) 0.40ng/ul

response 583

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.20
265.00	103.50	85.97
0.00	0.00	0.00

Quantitation Report (Qedit)

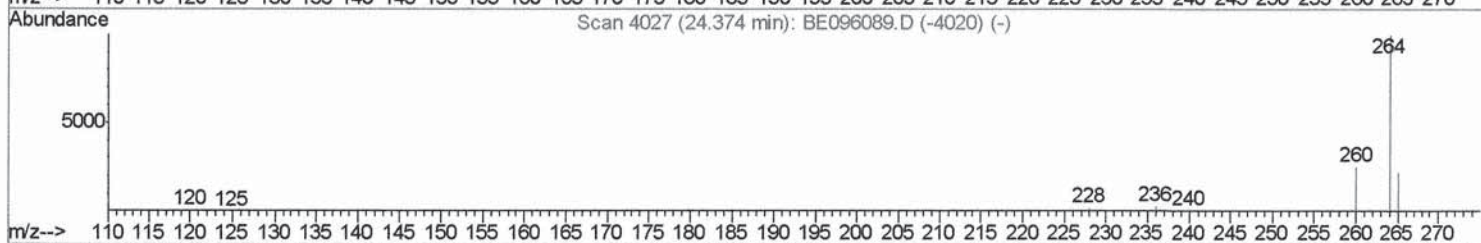
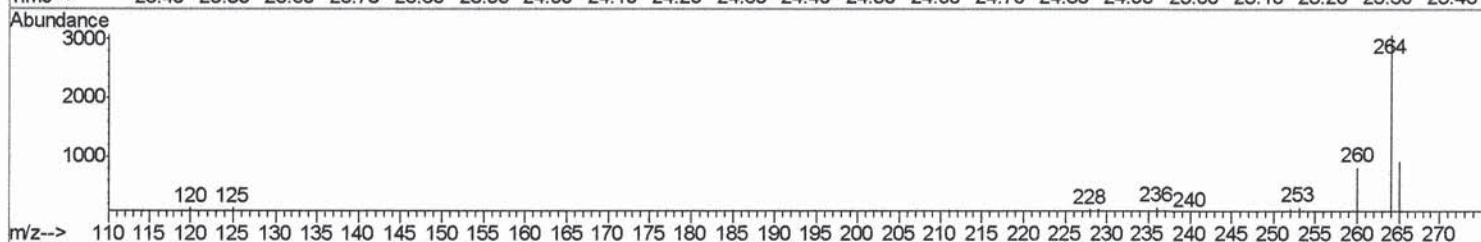
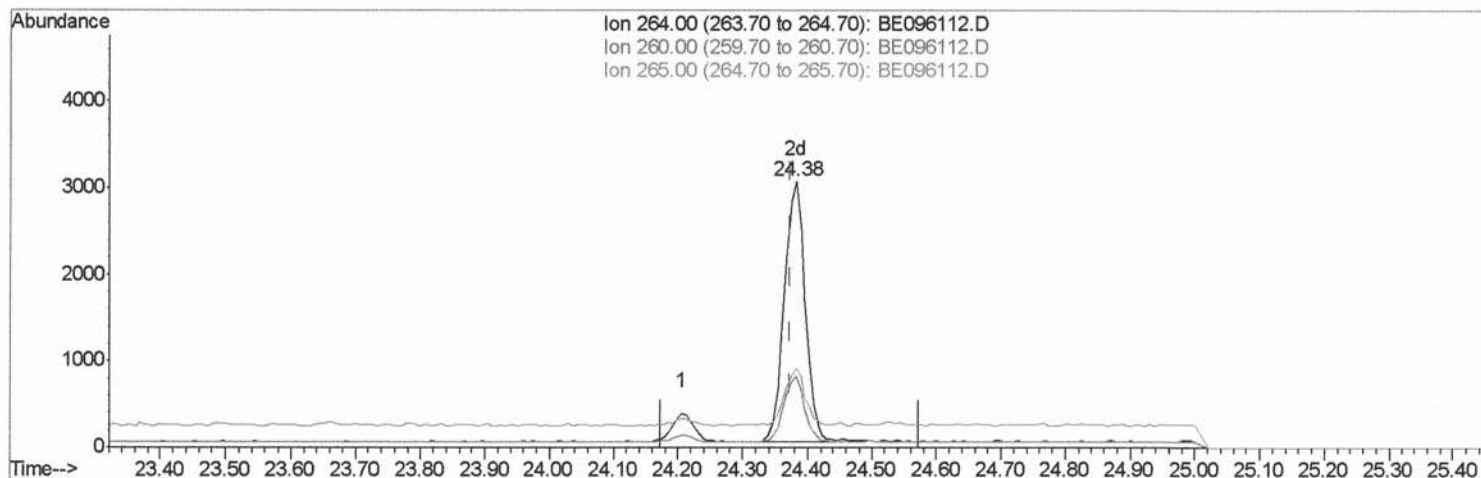
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:26:35 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

(20) Perylene-d12 (I)

24.381min (+0.007) 0.40ng/ul m> SJ 4/24/18

response 6714

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.83
265.00	103.50	30.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

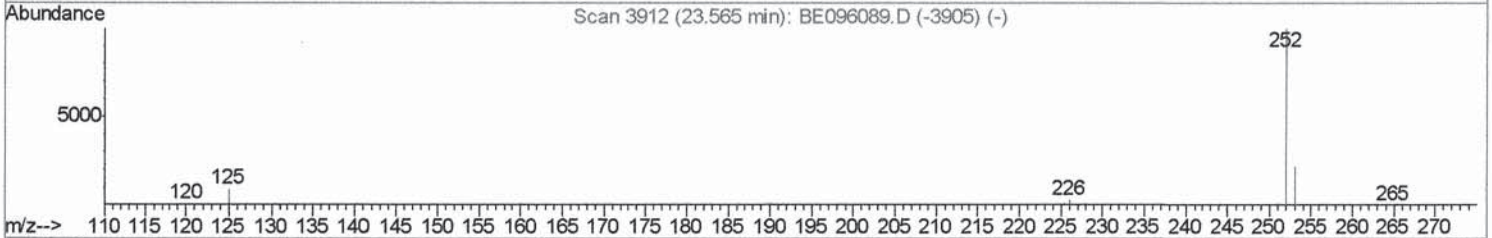
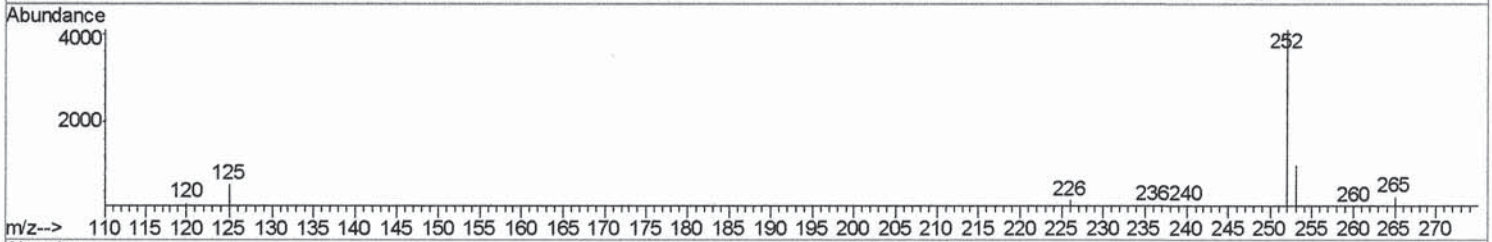
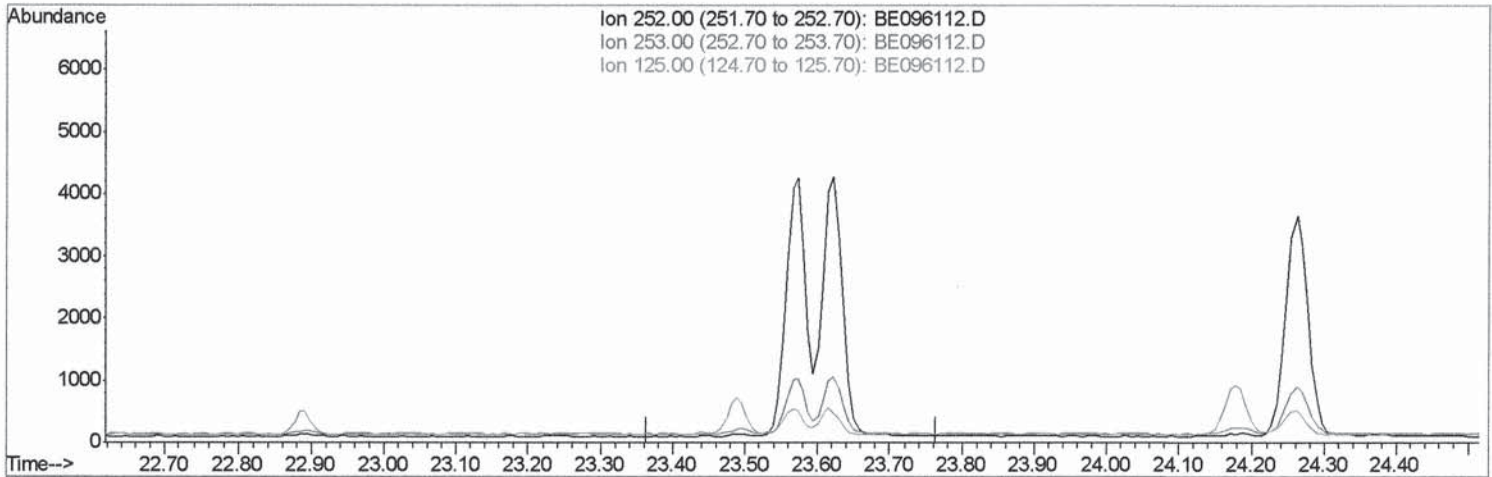
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

(21) Benzo(b)fluoranthene
 23.565min (-23.565) 0.00ng/ul
 response 0

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

Quantitation Report (Qedit)

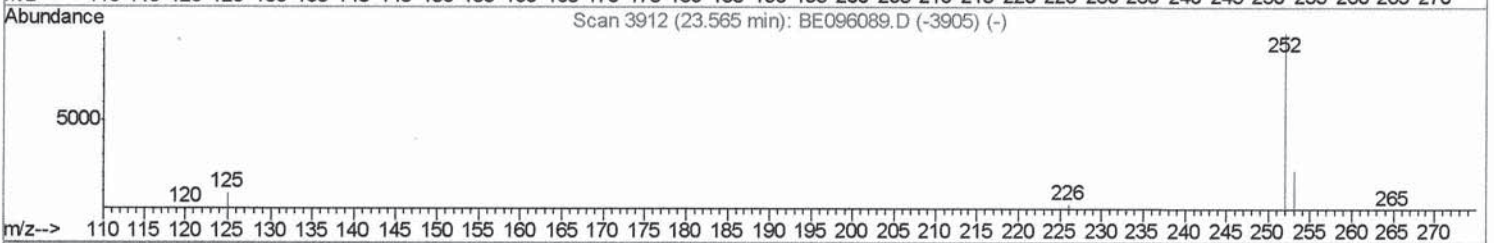
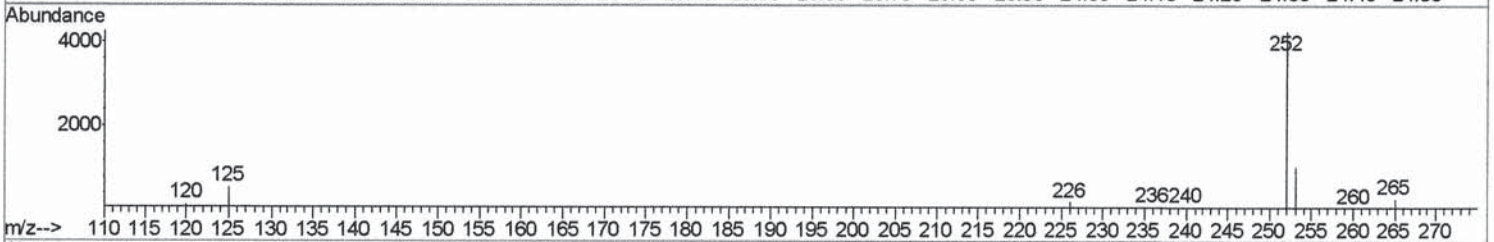
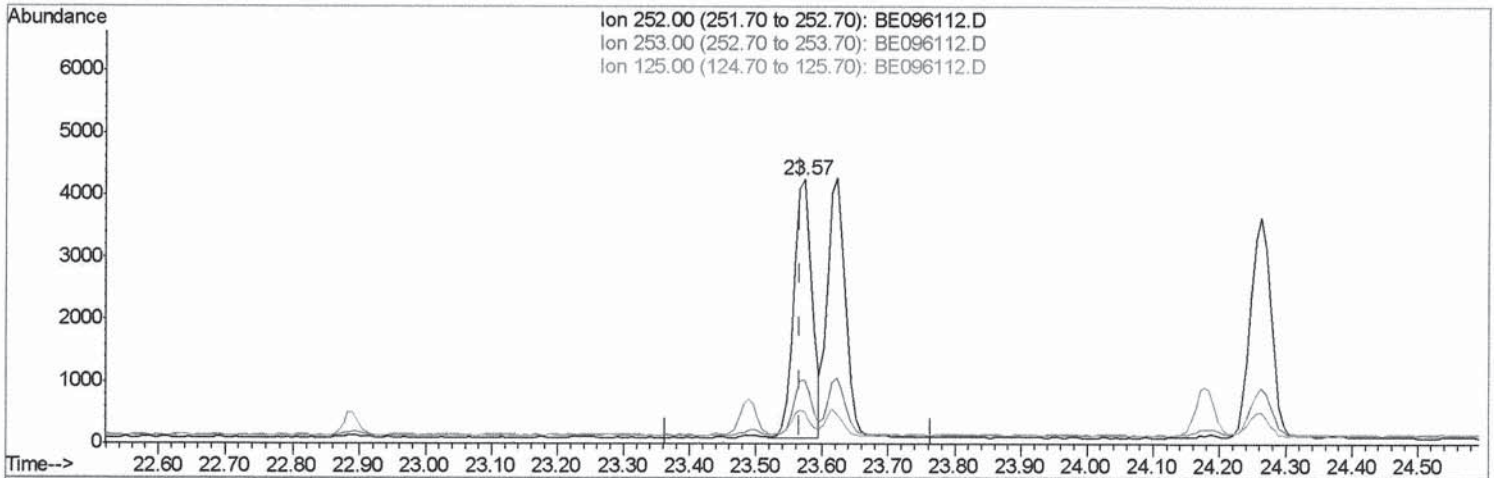
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

(21) Benzo(b)fluoranthene

23.573min (+0.007) 0.37ng/ul m > SJ 4/24/18

response 8052

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.39
125.00	17.50	12.48
0.00	0.00	0.00

Quantitation Report (Qedit)

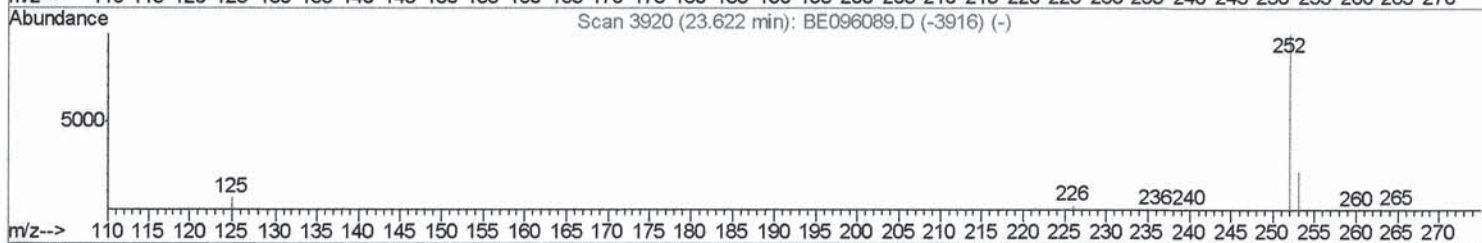
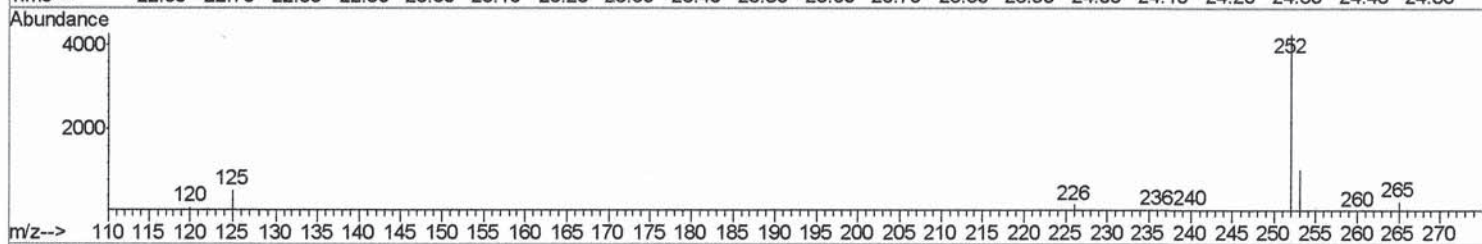
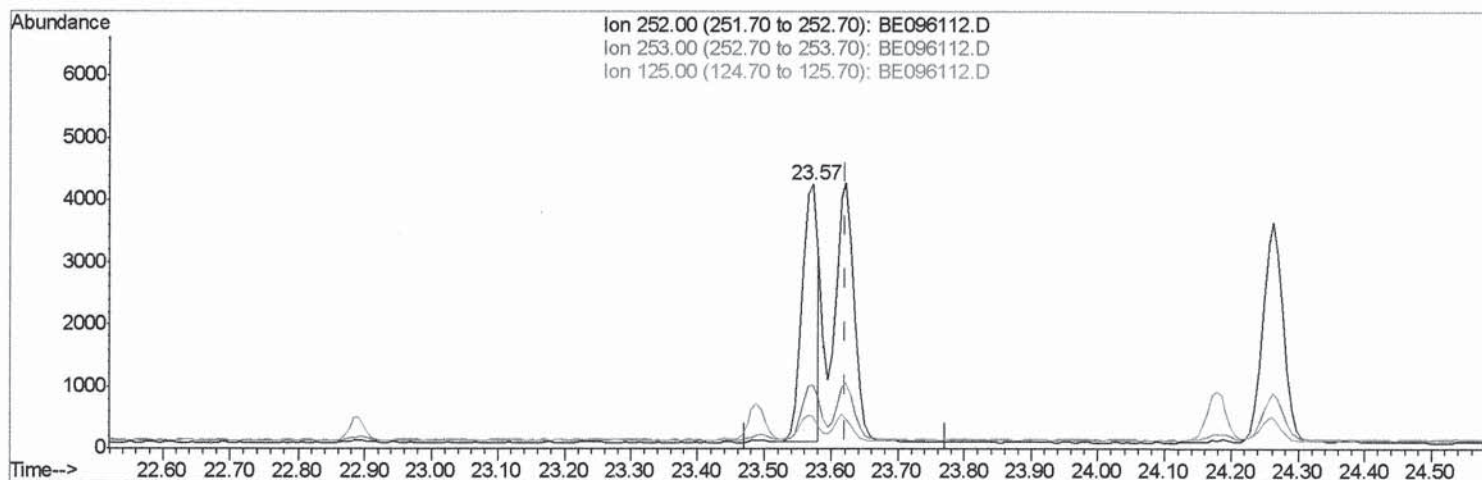
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
Data File : BE096112.D
Acq On : 24 Apr 2018 7:23
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.450

Manual Integrations
APPROVED

Sohil
4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
Response via : Initial Calibration



TIC: BE096112.D

(22) Benzo(k)fluoranthene

23.573min (-0.049) 0.32ng/ul

response 6842

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.39#
125.00	17.10	12.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

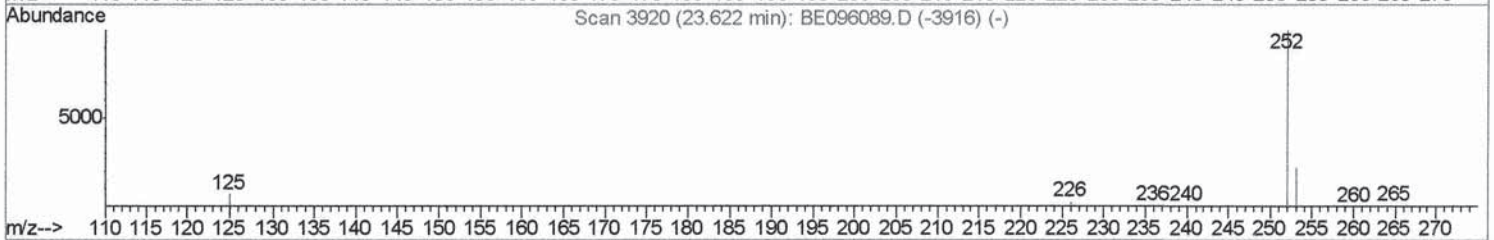
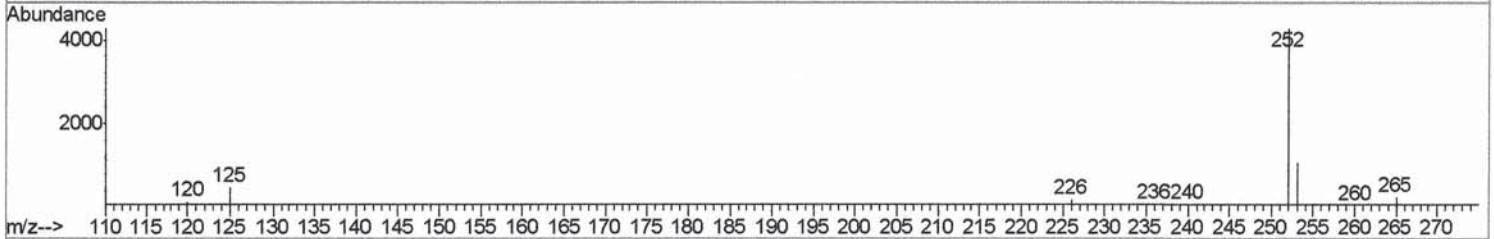
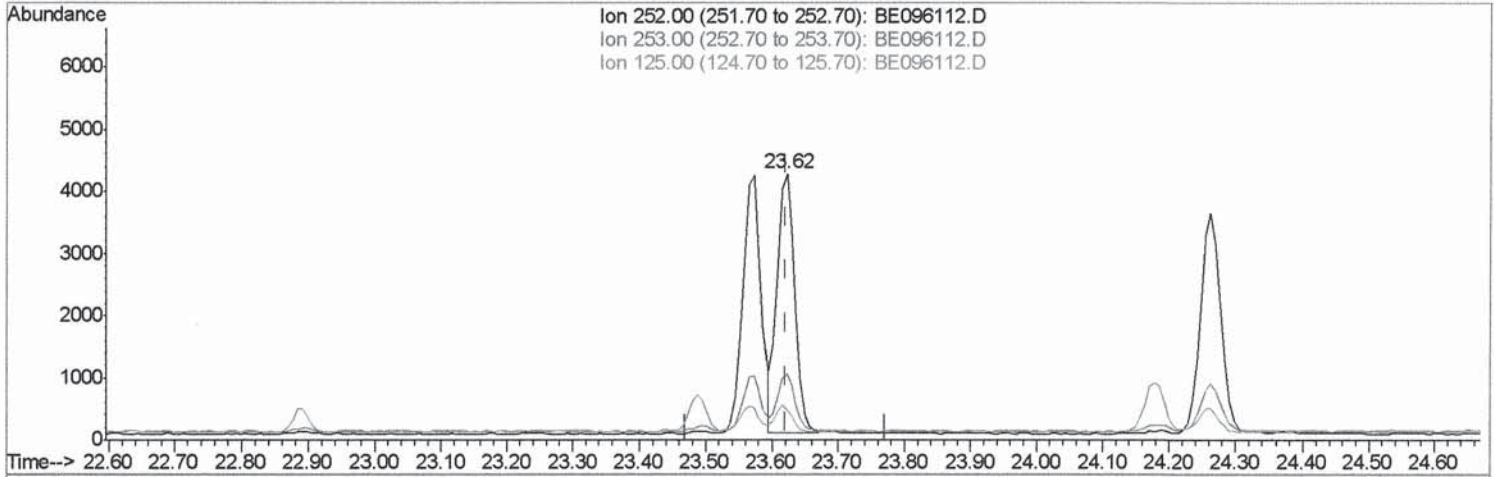
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

(22) Benzo(k)fluoranthene

23.622min (+0.000) 0.36ng/ul *SJ 4/24/18*

response 7804

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.19
125.00	17.10	11.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

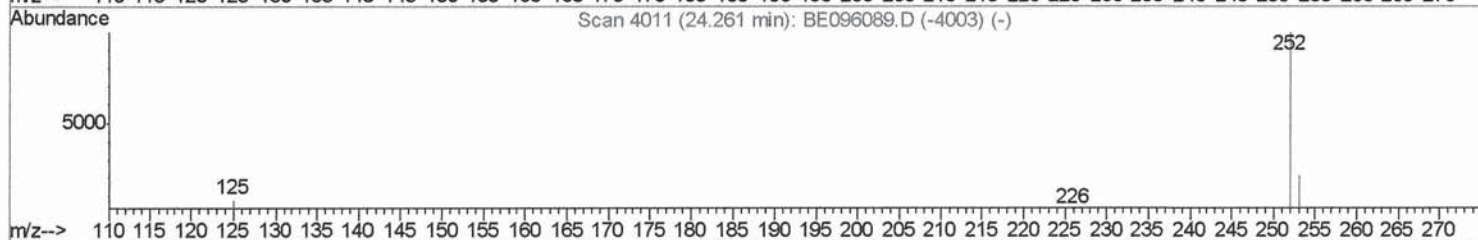
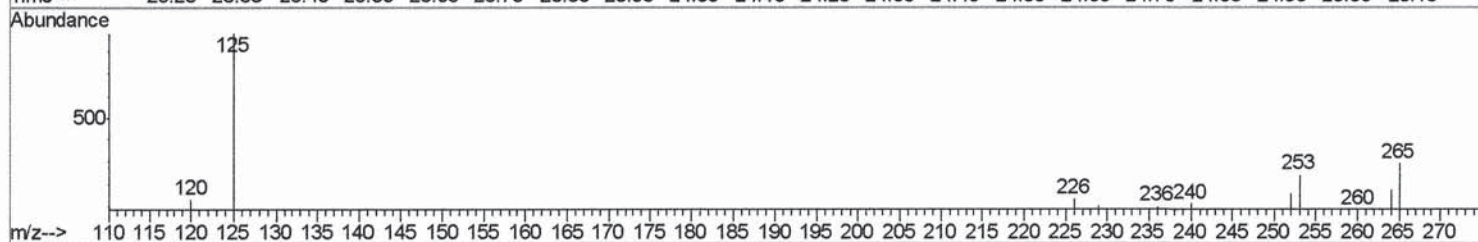
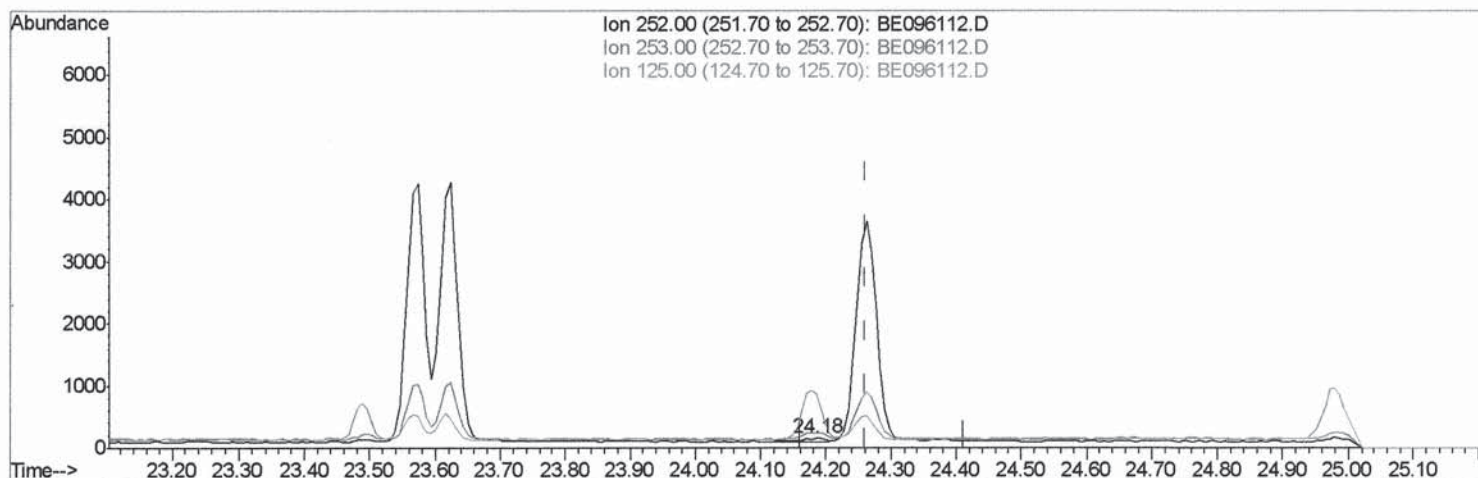
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

(23) Benzo(a)pyrene (C)

24.184min (-0.077) 0.01ng/ul

response 123

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	155.19#
125.00	22.60	572.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

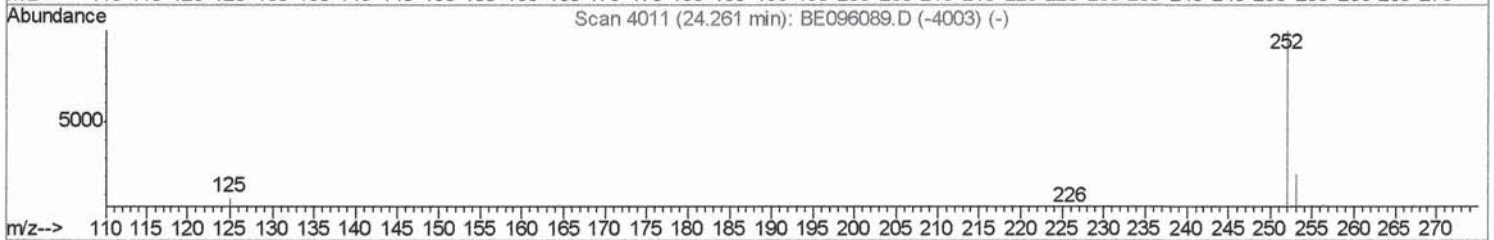
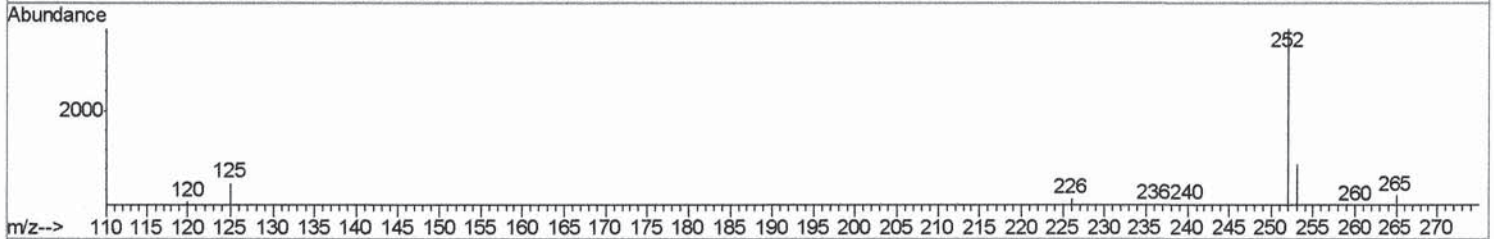
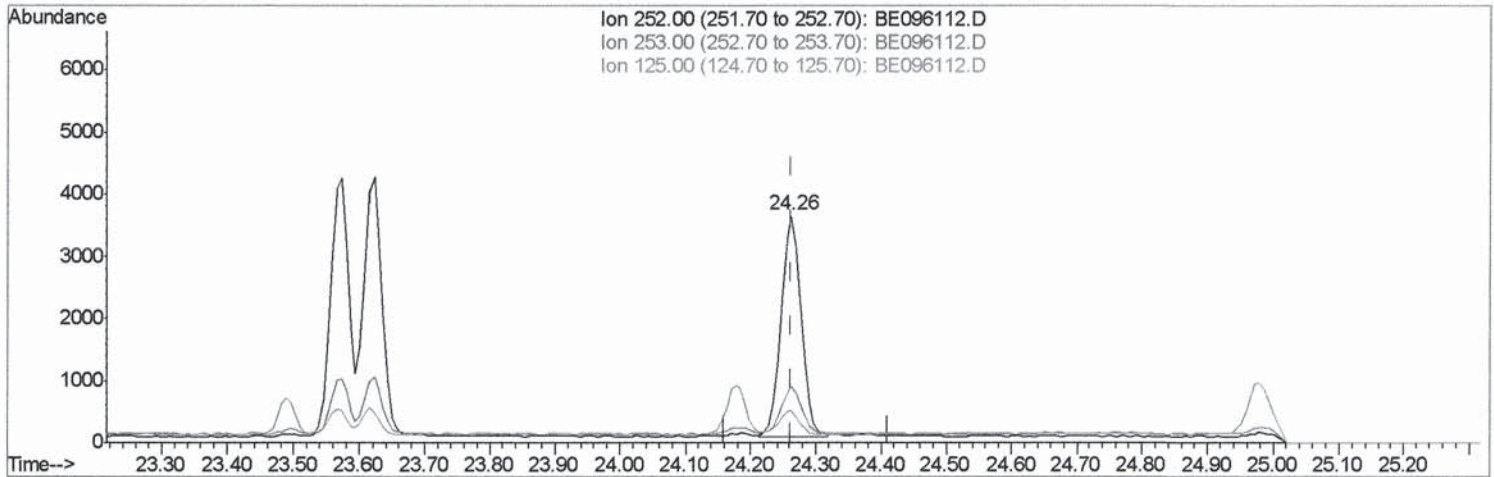
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

(23) Benzo(a)pyrene (C)

24.262min (+0.000) 0.36ng/ul m> SJ 4/24/18

response 7651

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.82#
125.00	22.60	14.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

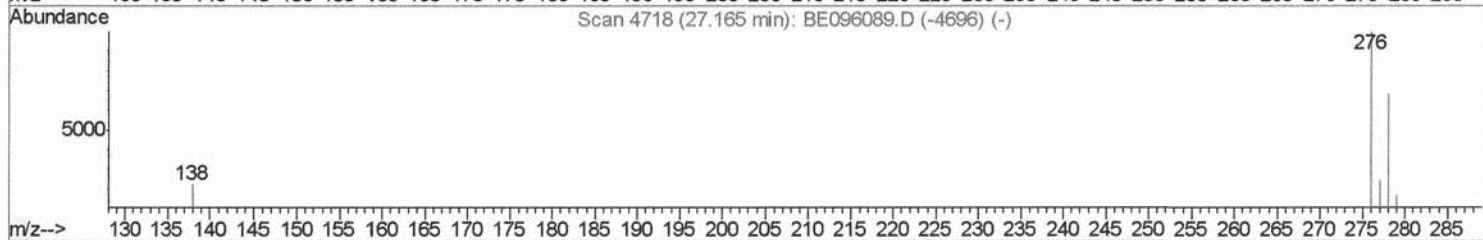
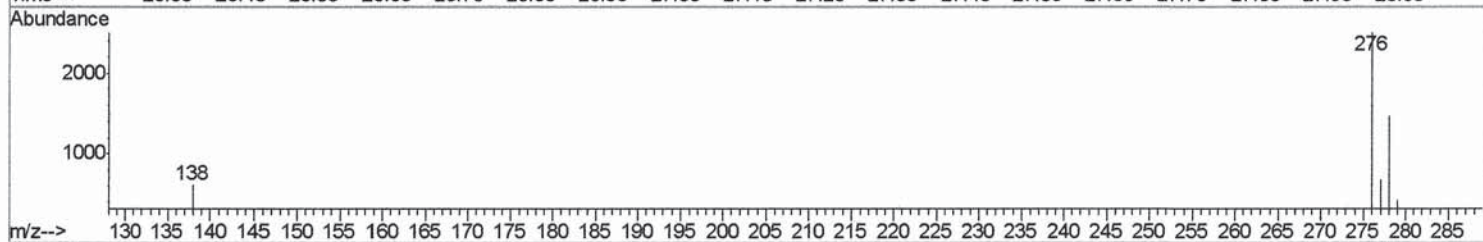
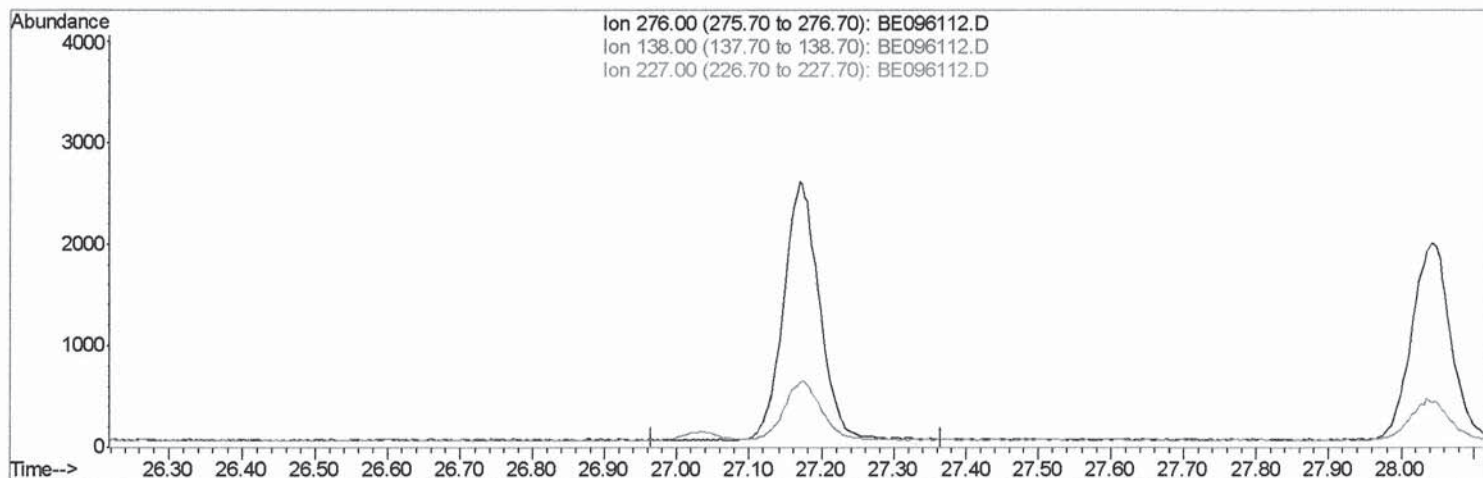
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
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 Response via : Initial Calibration



TIC: BE096112.D

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

27.165min (-27.165) 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)

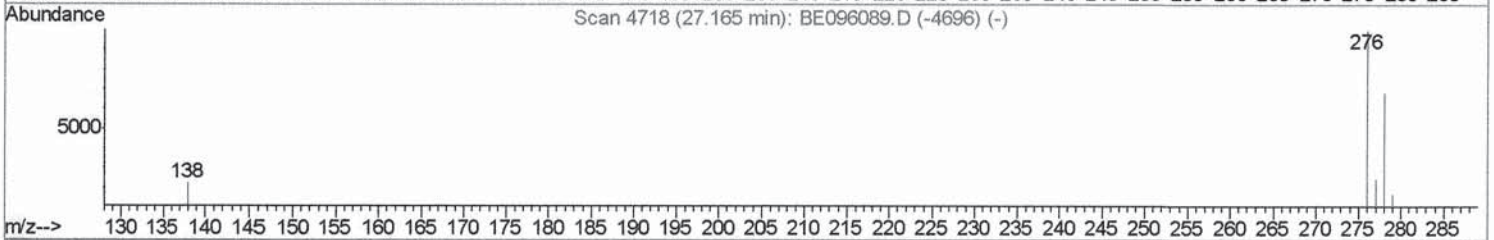
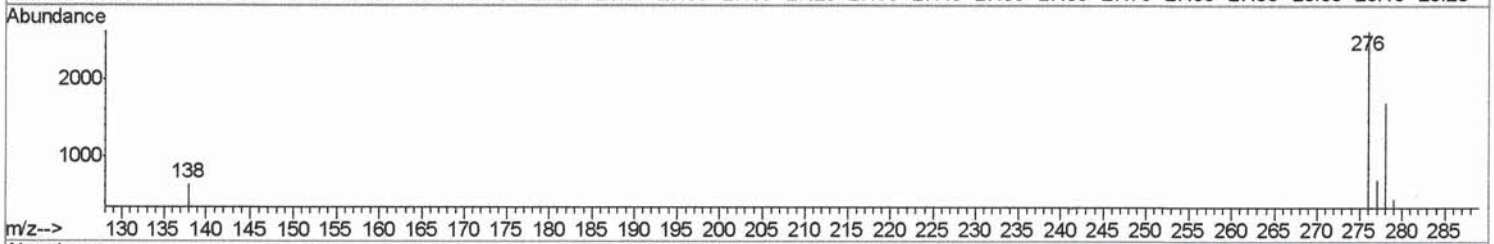
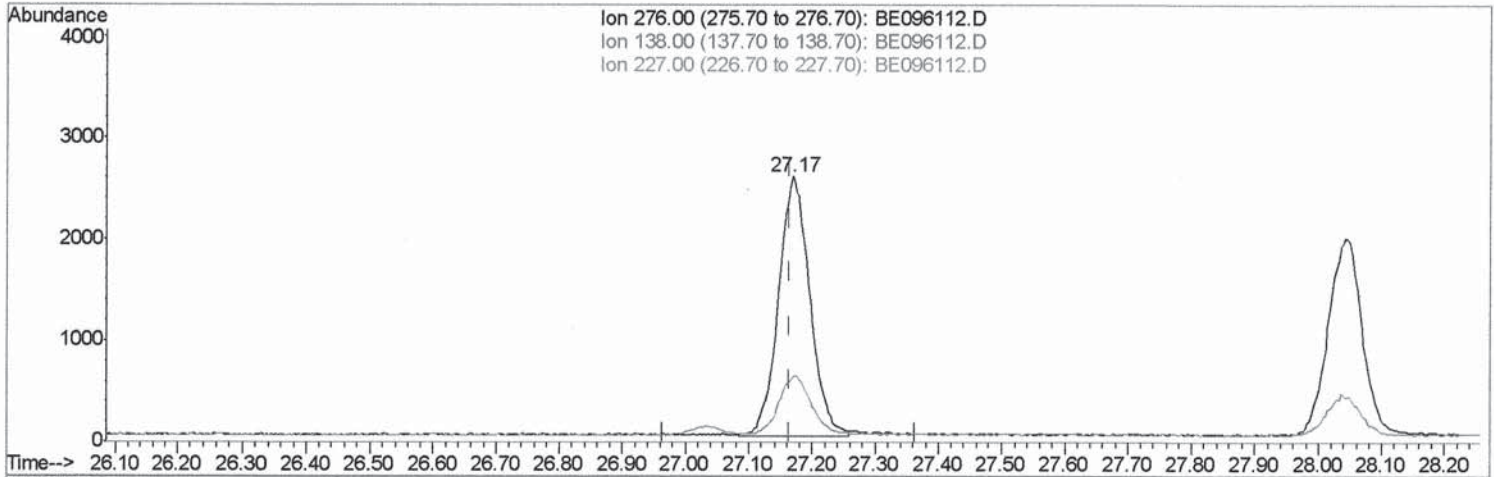
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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: BE096112.D

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

27.169min (+0.003) 0.38ng/ul m

S SJ 4/24/18

response 8818

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

Quantitation Report (Qedit)

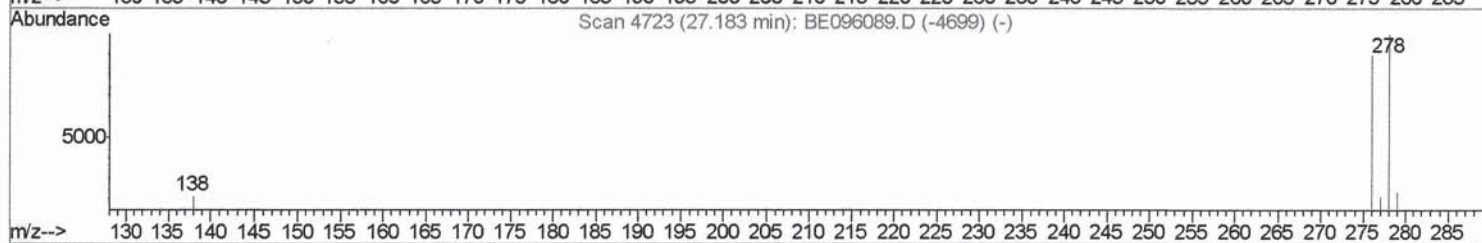
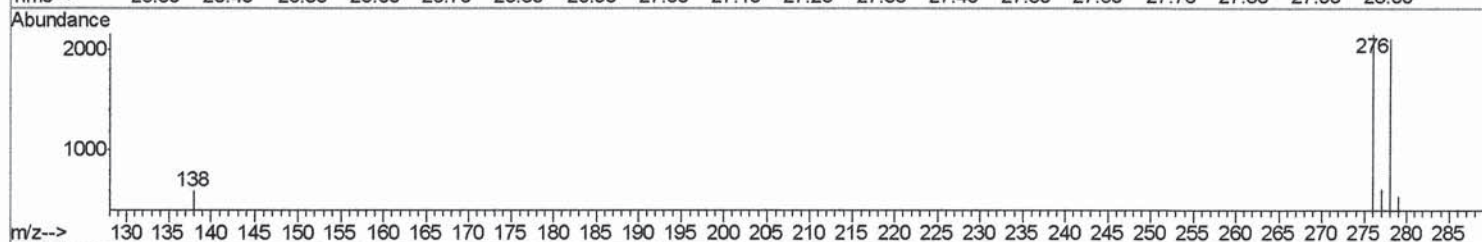
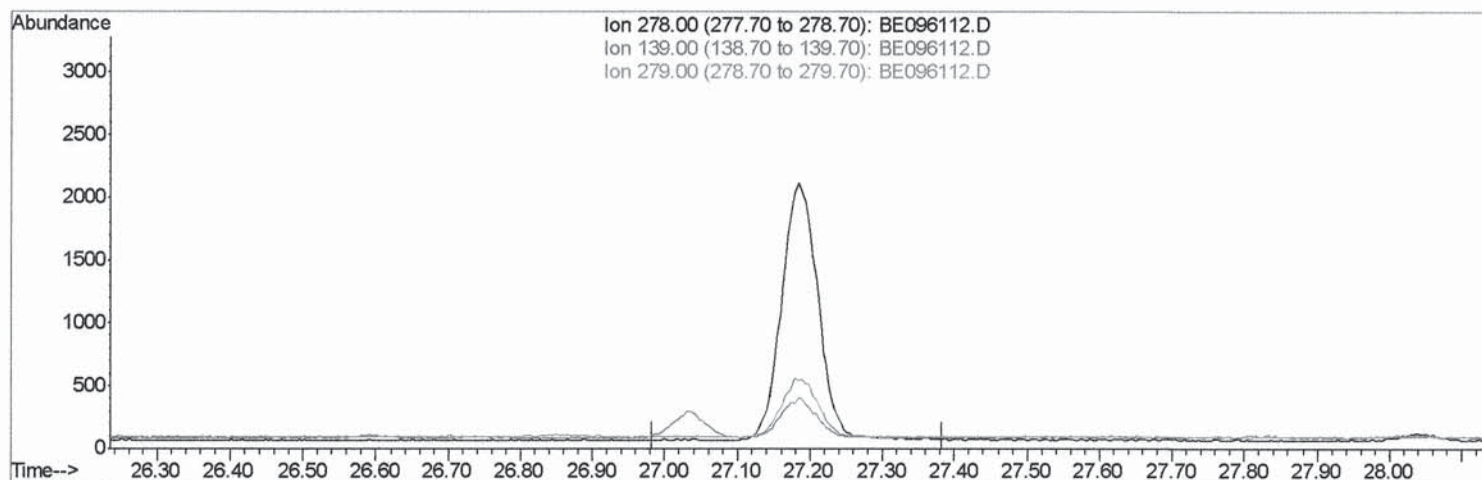
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



(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)

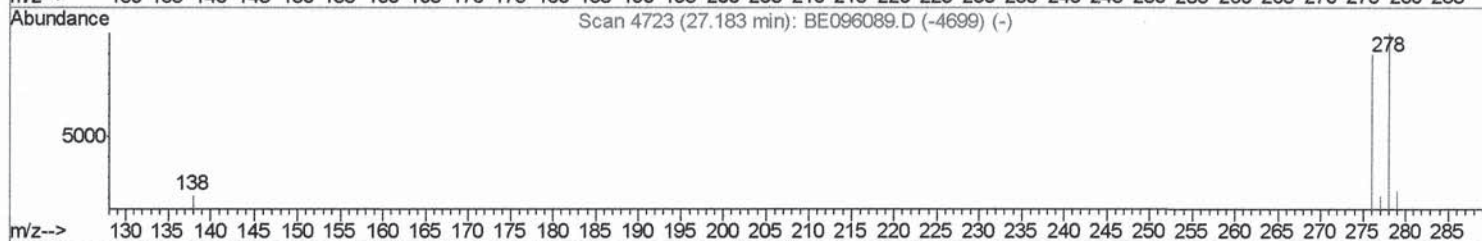
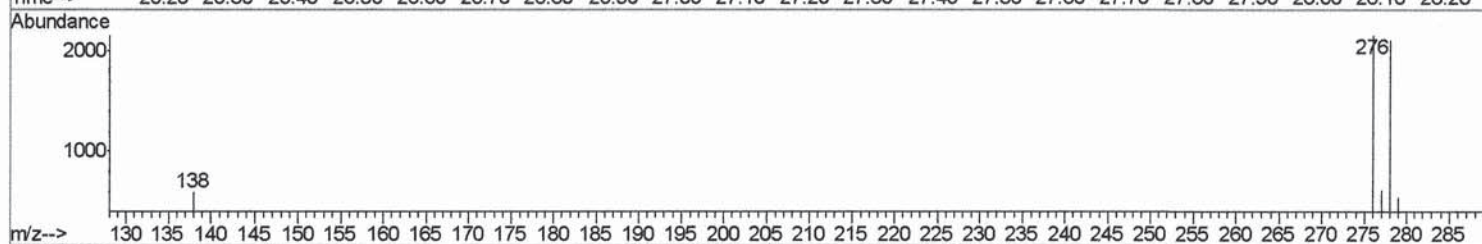
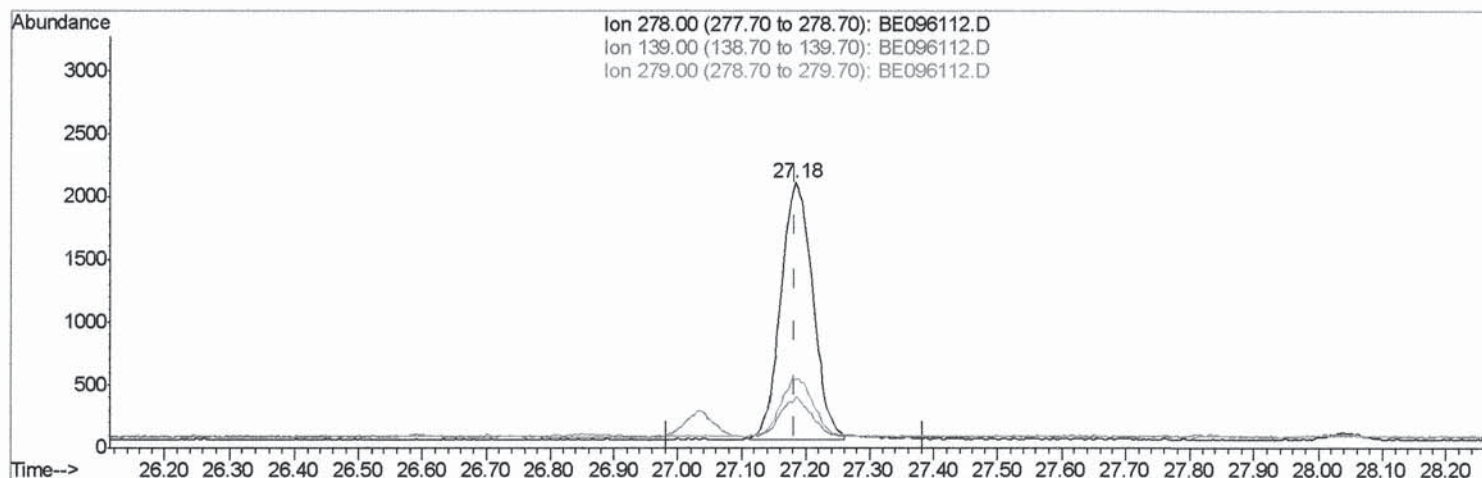
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.183min (-0.000) 0.38ng/ul m > SJ

4/24/18

response 7126

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.18
279.00	32.40	25.99
0.00	0.00	0.00

Quantitation Report (Qedit)

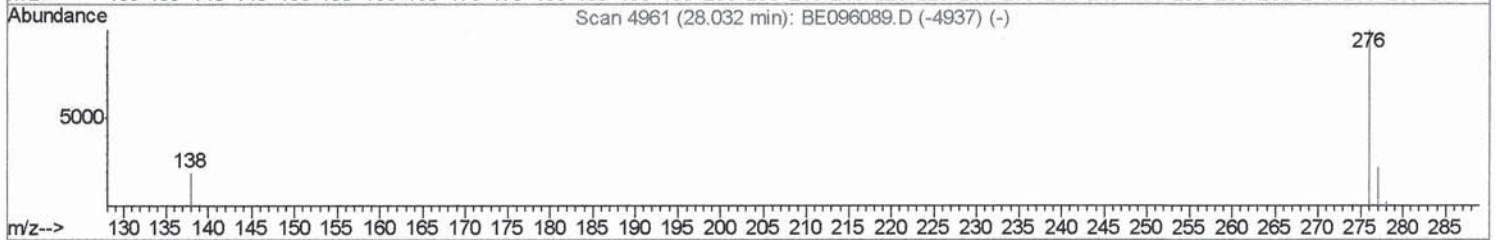
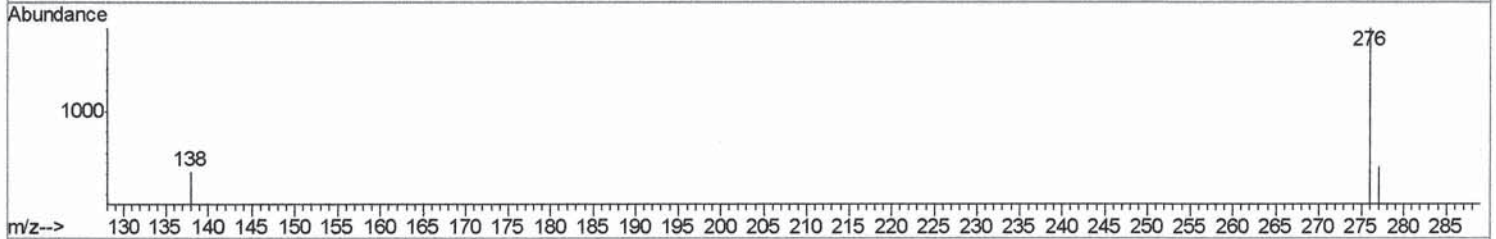
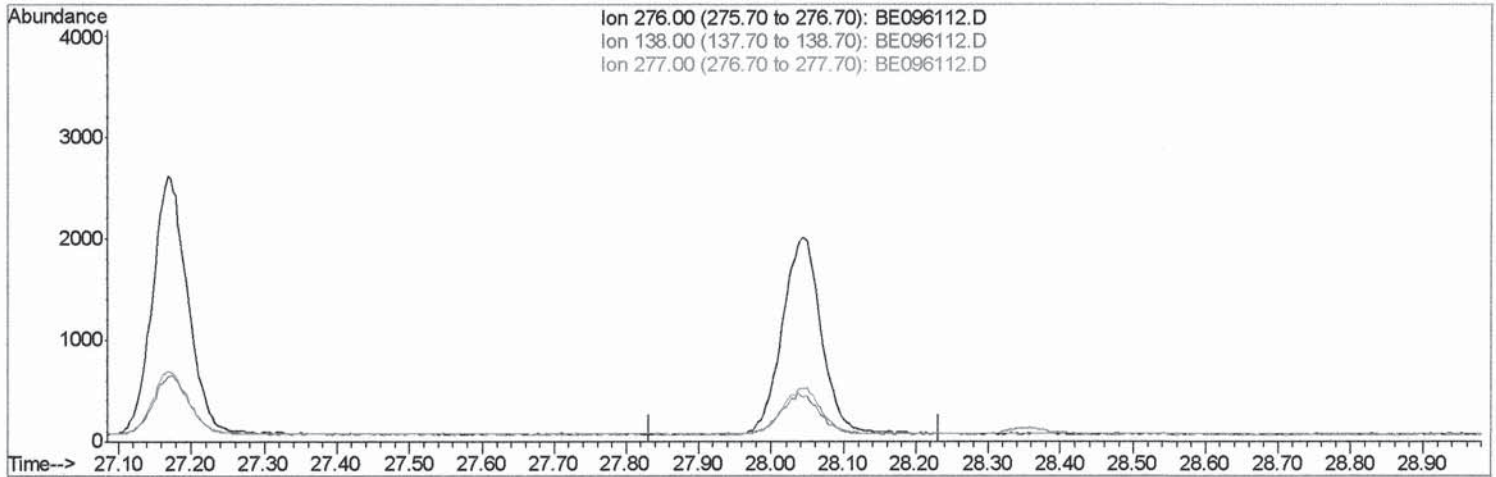
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



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

28.032min (-28.032) 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)

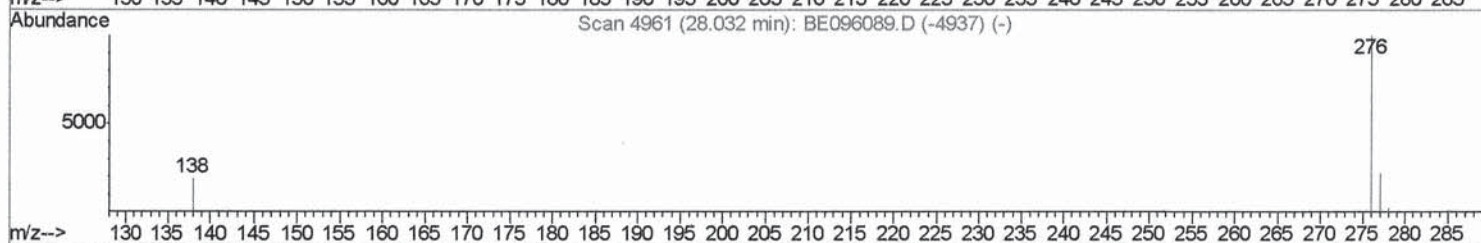
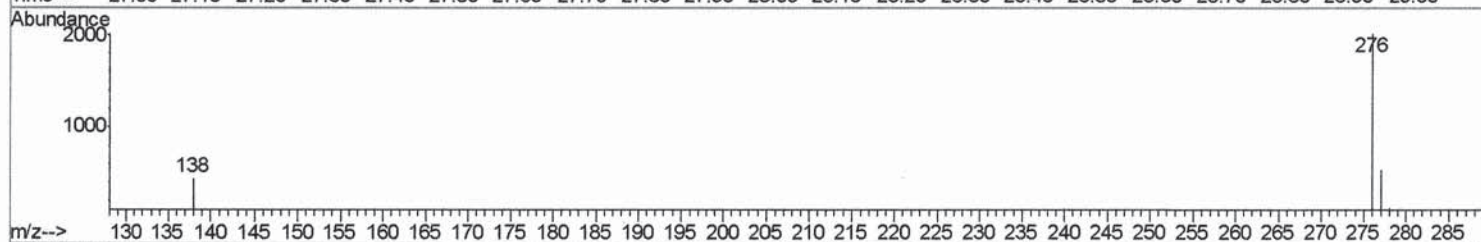
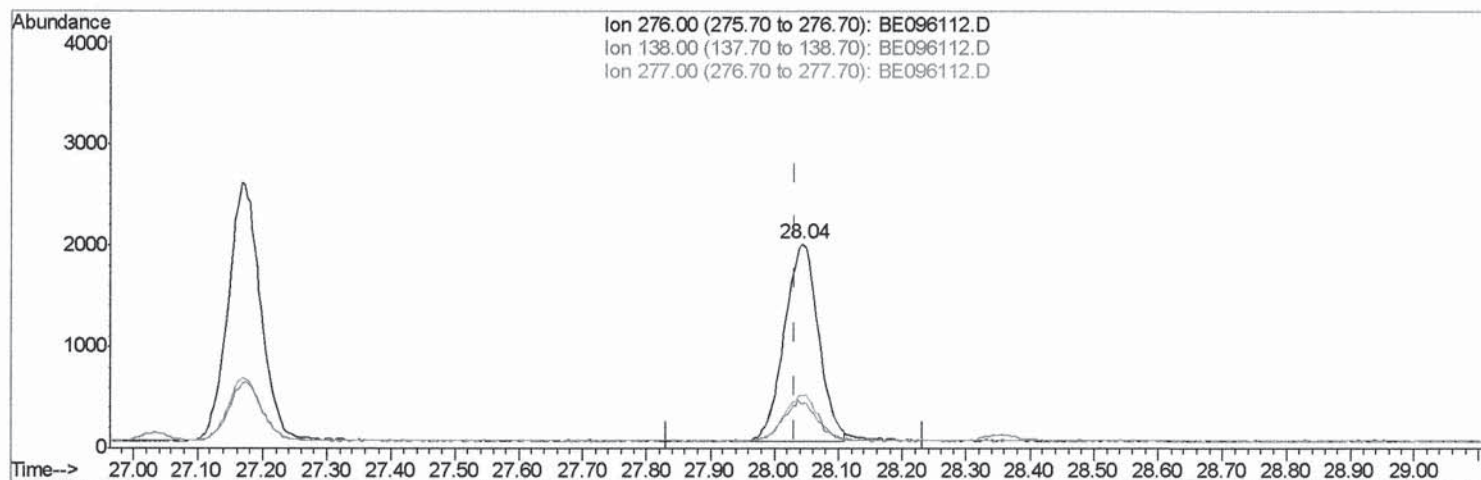
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:27:58 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 06:59:54 2018
 Response via : Initial Calibration



TIC: BE096112.D

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

28.042min (+0.011) 0.37ng/ul m>

SJ 4/24/18

response 7221

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	22.02
277.00	25.60	26.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.450

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:34 PM

Quant Time: Apr 24 17:30:48 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 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2017	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3122	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6846	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8134	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6714m	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.76	152	3920	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	9563	0.34	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	11.25	128	5868	0.370	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	3989	0.371	ng/ul	99
7) Acenaphthylene	14.70	152	6035	0.373	ng/ul	96
8) Acenaphthene	15.03	153	4313	0.371	ng/ul	93
9) Fluorene	15.99	166	4643	0.354	ng/ul	90
11) Pentachlorophenol	17.34	266	307	0.212	ng/ul	93
12) Phenanthrene	17.72	178	7428	0.368	ng/ul#	89
13) Anthracene	17.80	178	7446	0.371	ng/ul#	90
15) Fluoranthene	19.68	202	9365	0.341	ng/ul	84
17) Pyrene	20.04	202	9562	0.346	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	10432	0.317	ng/ul#	84
19) Chrysene	21.80	228	8167	0.345	ng/ul	95
21) Benzo(b)fluoranthene	23.57	252	8052m	0.371	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	7804m	0.361	ng/ul	
23) Benzo(a)pyrene	24.26	252	7651m	0.365	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.17	276	8818m	0.378	ng/ul	
25) Dibenzo(a,h)anthracene	27.18	278	7126m	0.380	ng/ul	
26) Benzo(g,h,i)perylene	28.04	276	7221m	0.371	ng/ul	

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