

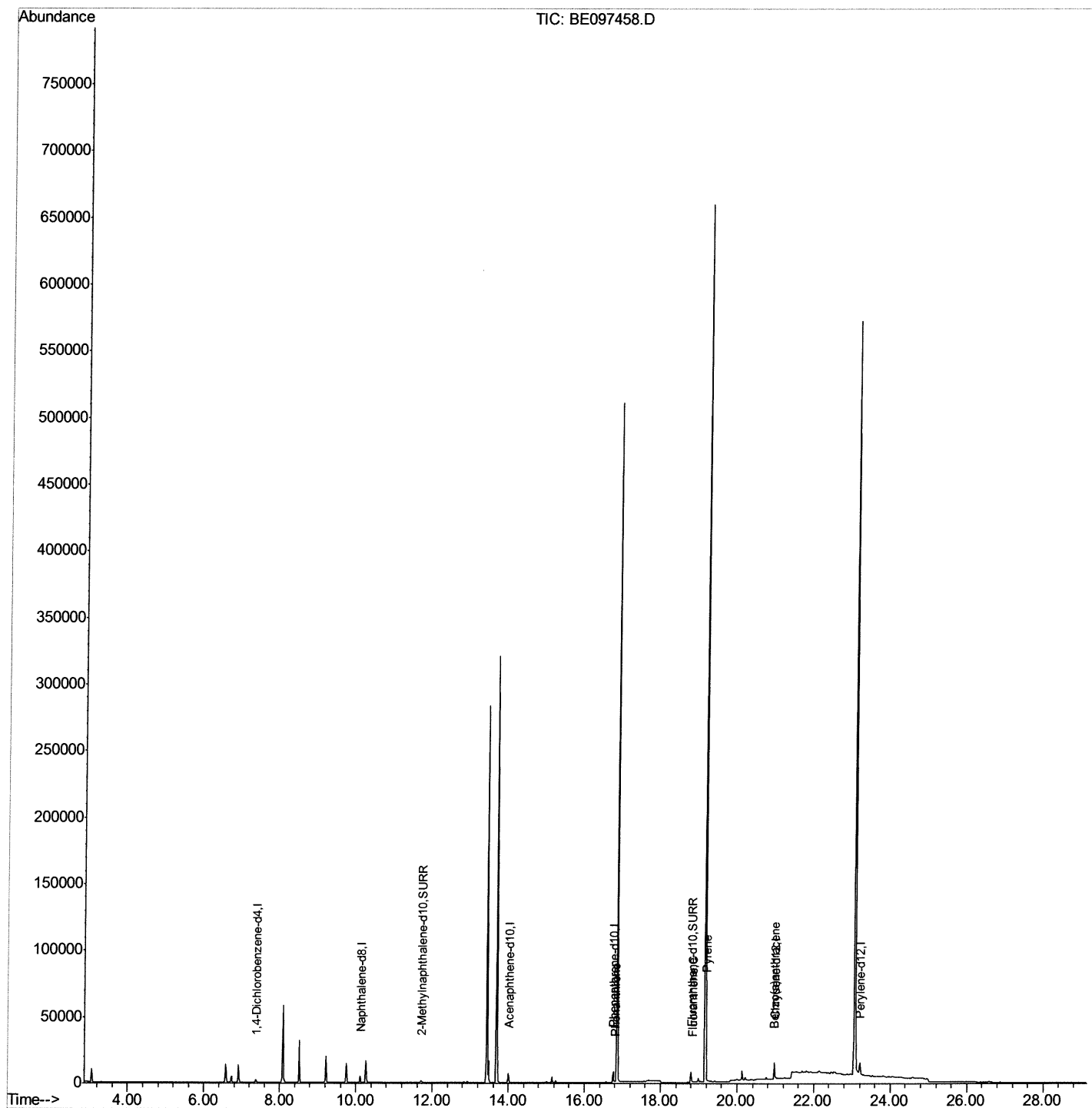
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097458.D
Acq On : 12 Sep 2018 19:39
Operator : SJ/JU
Sample : J4792-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z36

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:24:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

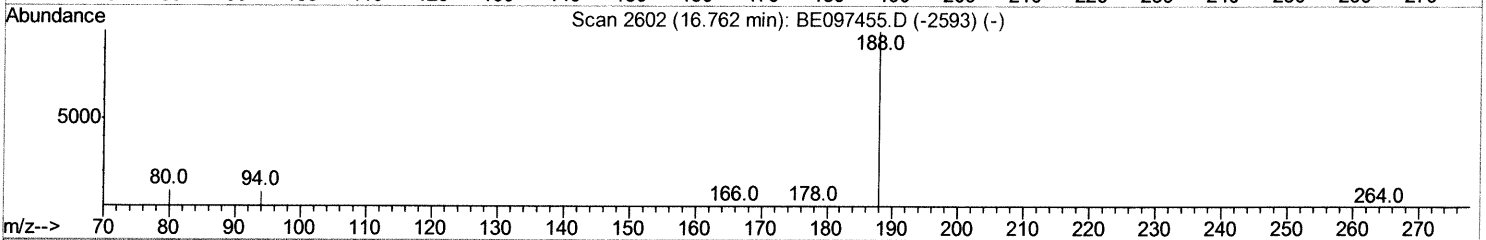
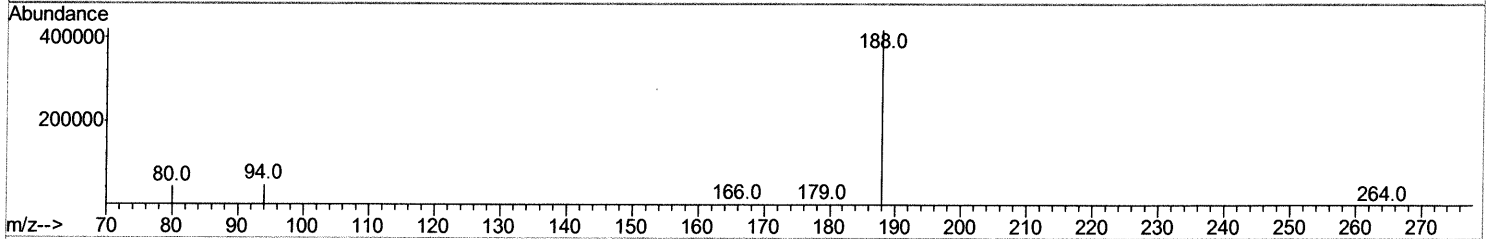
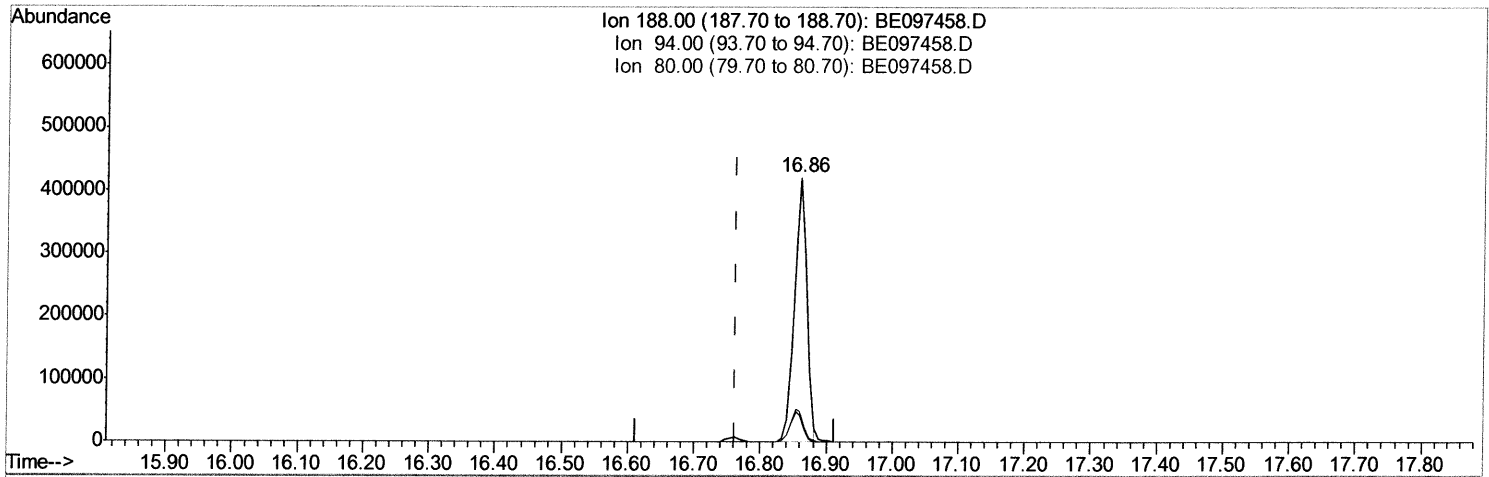
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
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Instrument :
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 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 01:53:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



TIC: BE097458.D

(10) Phenanthrene-d10 (I)

16.860min (+0.098) 0.40ng/ul

response 572196

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.16
80.00	11.80	10.02
0.00	0.00	0.00

Quantitation Report (Qedit)

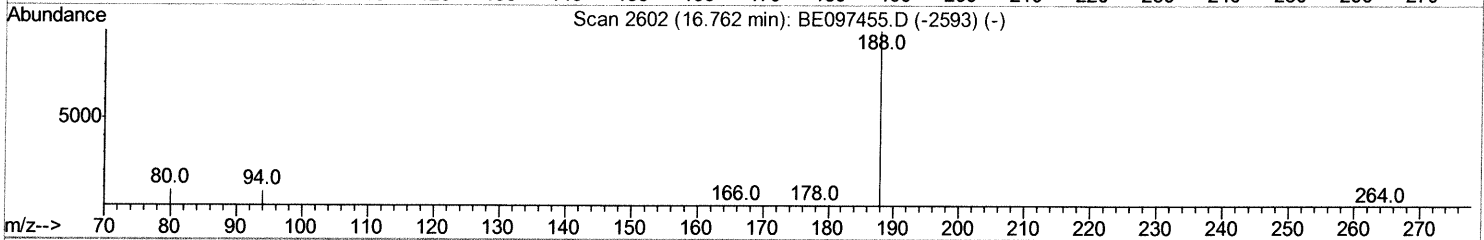
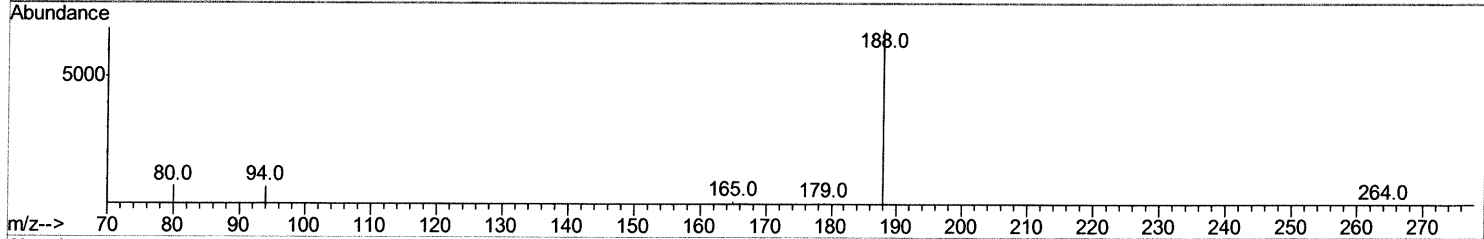
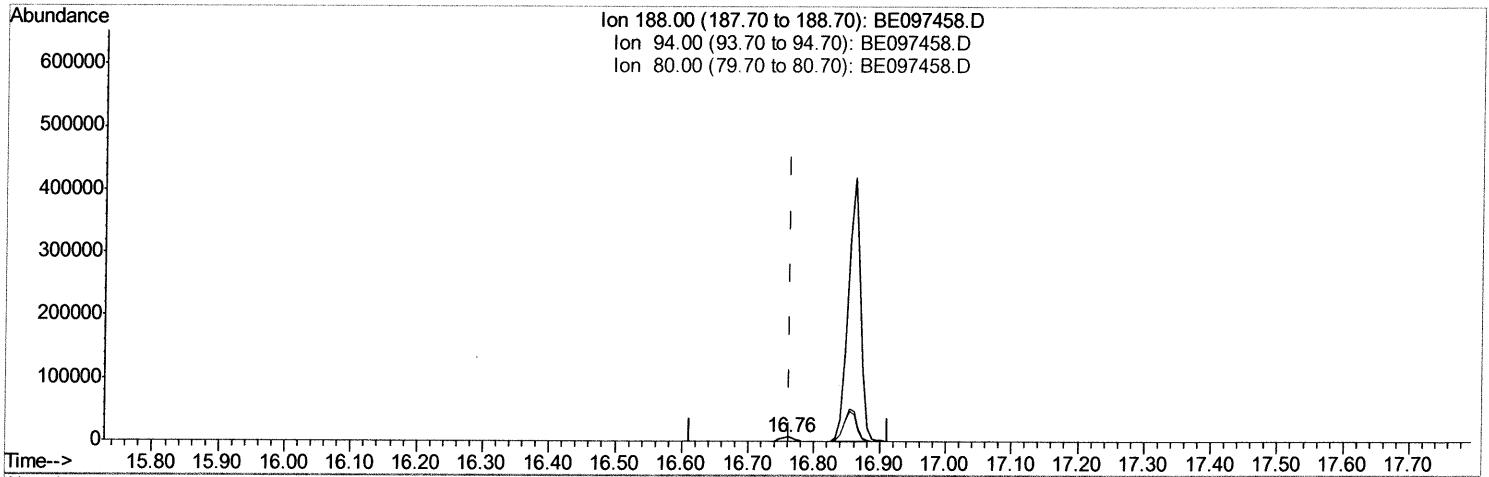
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



TIC: BE097458.D

(10) Phenanthrene-d10 (I)

16.761min (-0.000) 0.40ng/ul m

SJ 9/18/18

response 9768

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.44
80.00	11.80	10.81
0.00	0.00	0.00

Quantitation Report (Qedit)

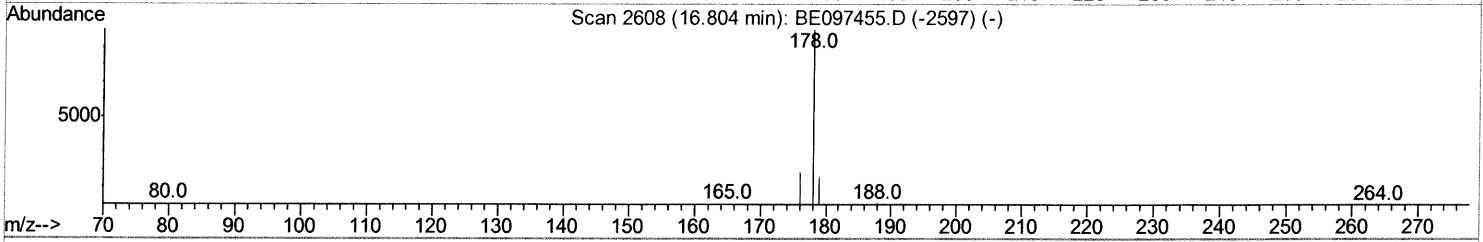
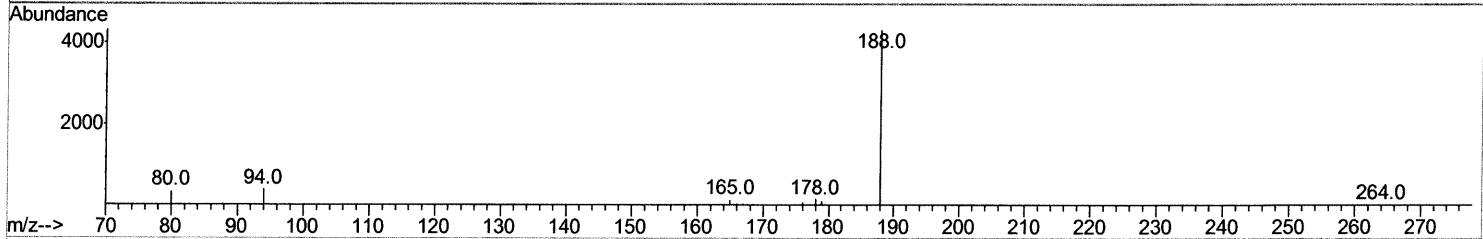
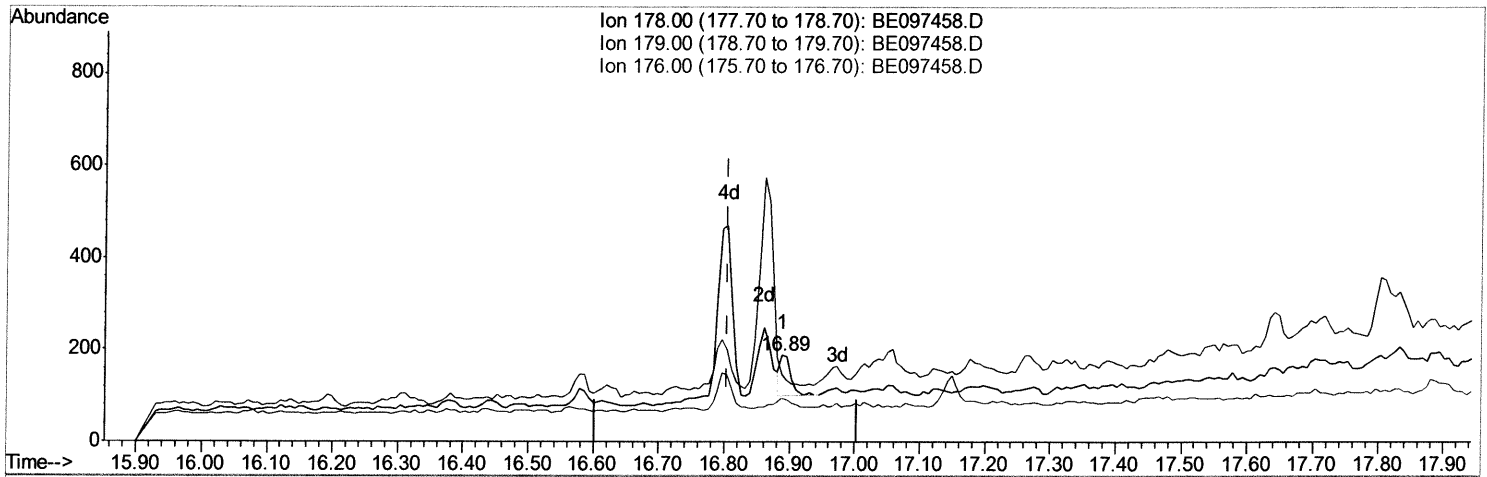
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:18:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



TIC: BE097458.D

(12) Phenanthrene

16.888min (+0.084) 0.00ng/ul

response 103

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	78.61#
176.00	17.00	50.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

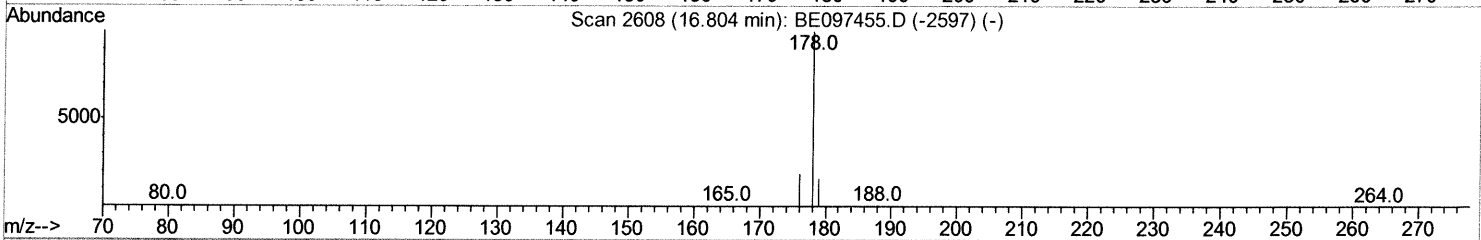
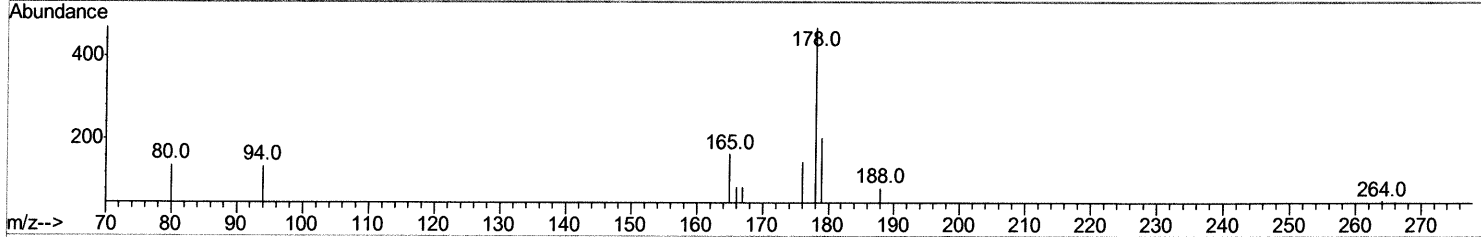
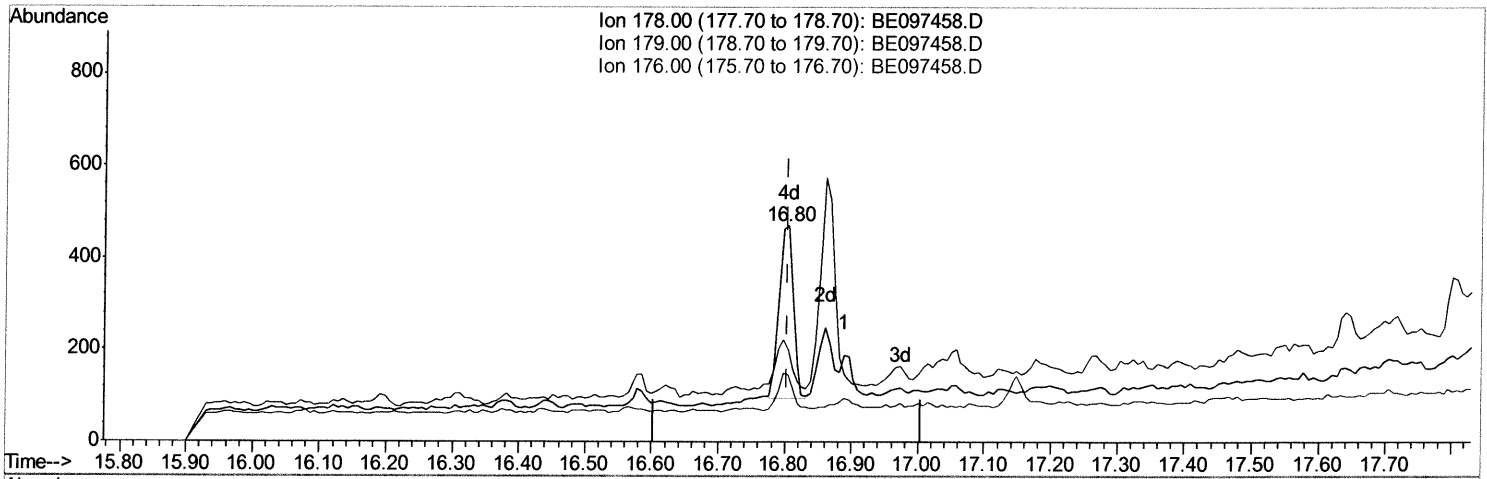
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:18:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



TIC: BE097458.D

(12) Phenanthrene

16.804min (-0.000) 0.02ng/ul m> SJ 9/18/18

response 554

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	43.07#
176.00	17.00	30.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

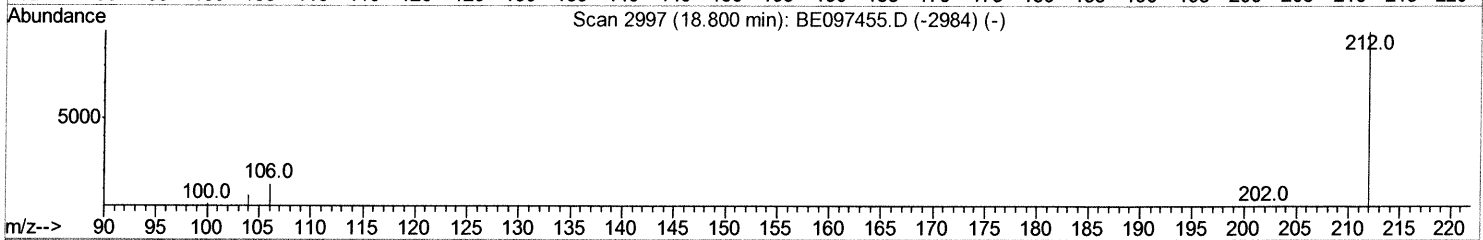
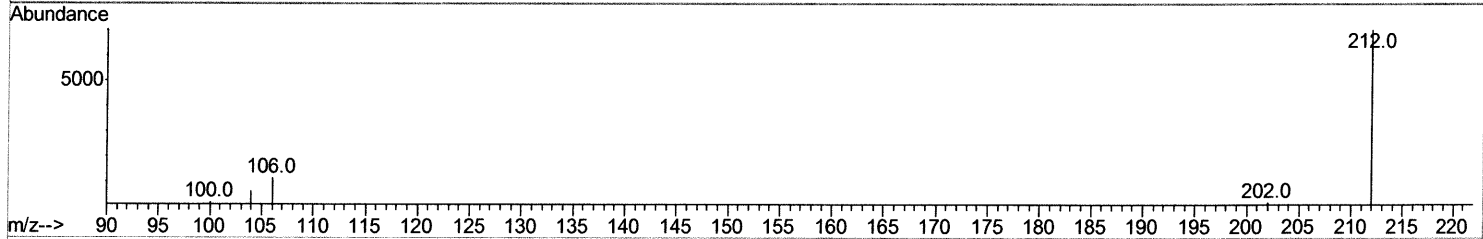
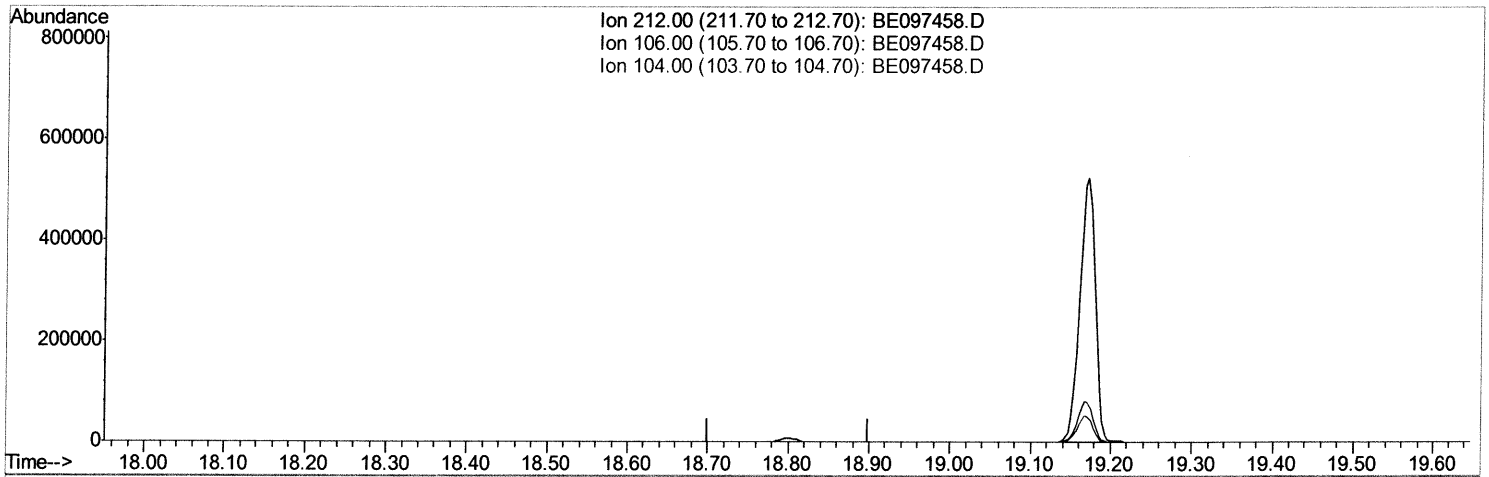
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:19:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.800min (-18.800) 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)

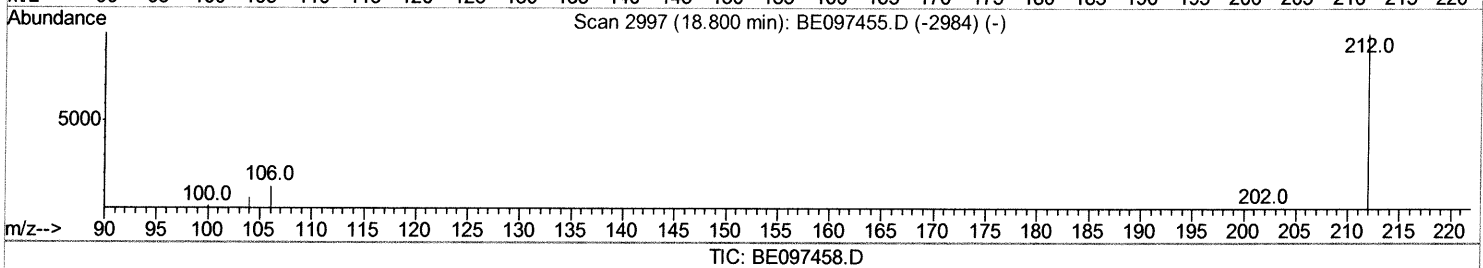
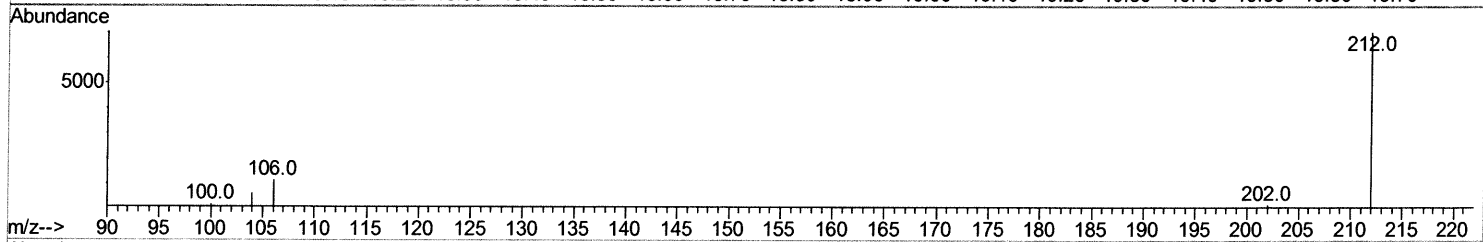
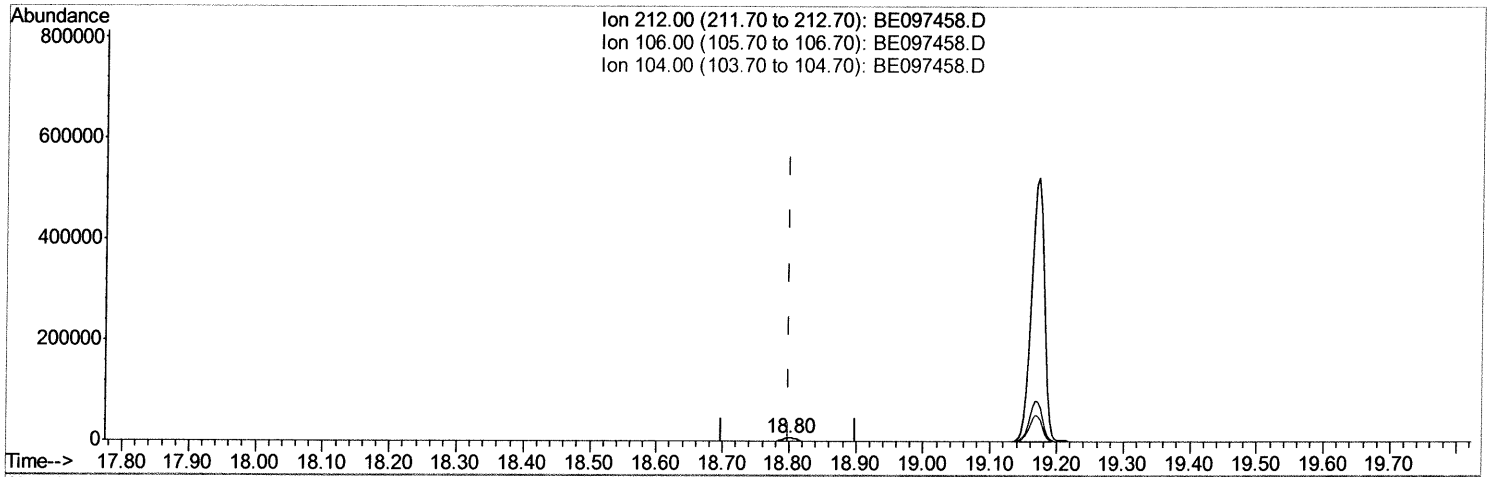
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:19:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.800min (+0.000) 0.29ng/ul m > SJ 9/18/18

response 9238

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)

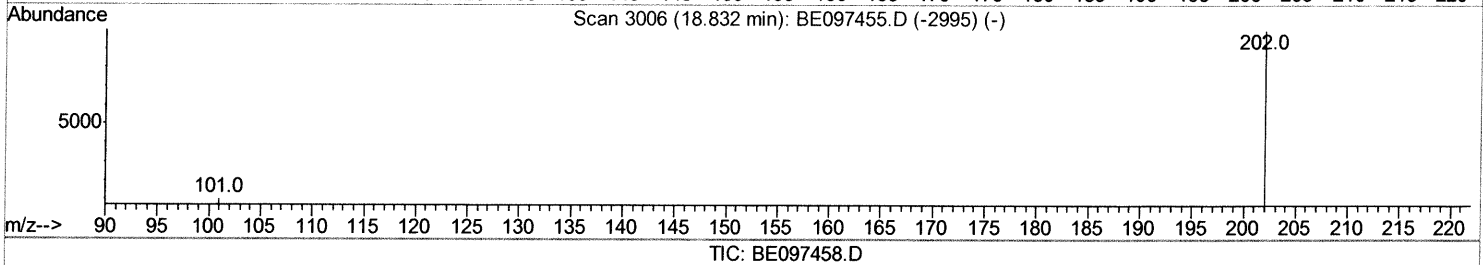
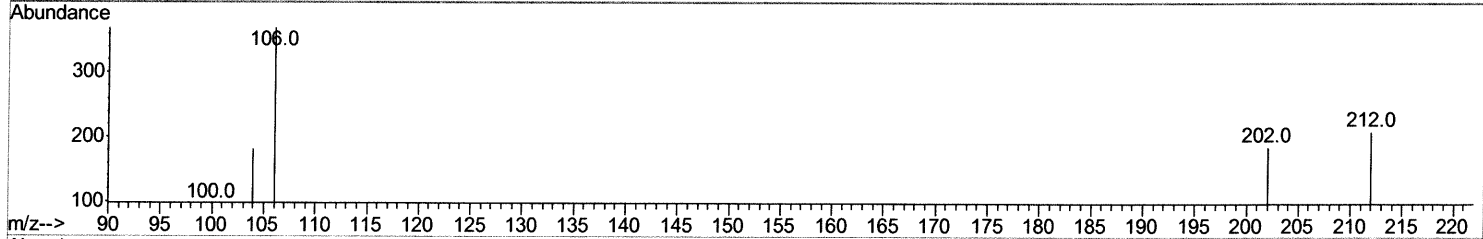
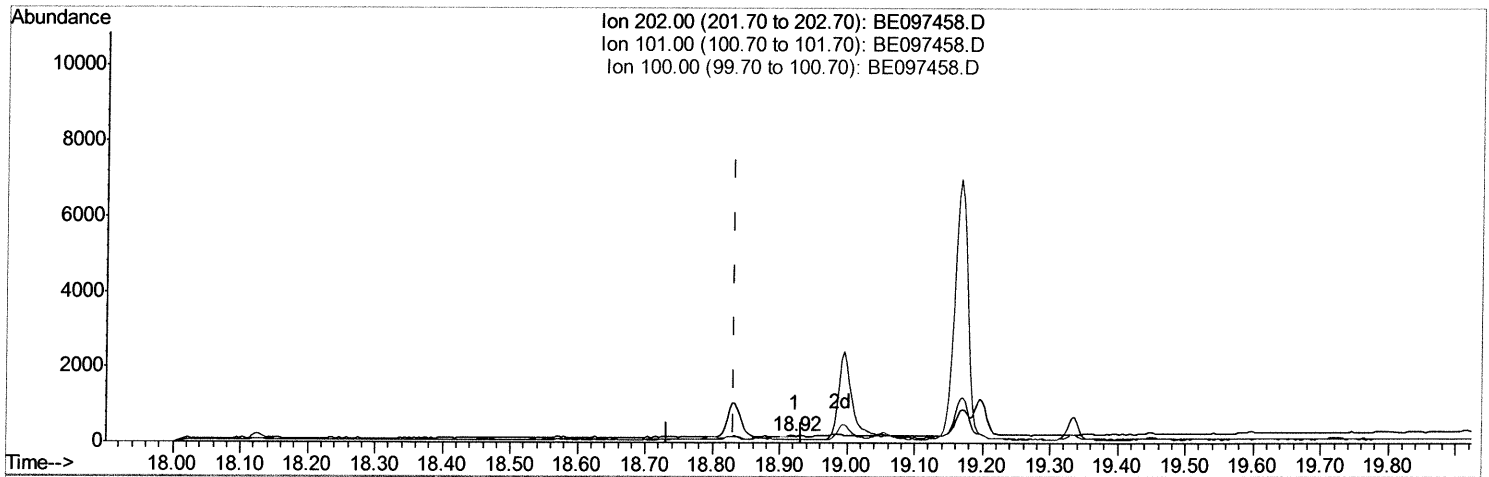
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:19:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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TIC: BE097458.D

(15) Fluoranthene (C)

18.921min (+0.090) 0.00ng/ul

response 17

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	52.69#
100.00	19.50	52.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

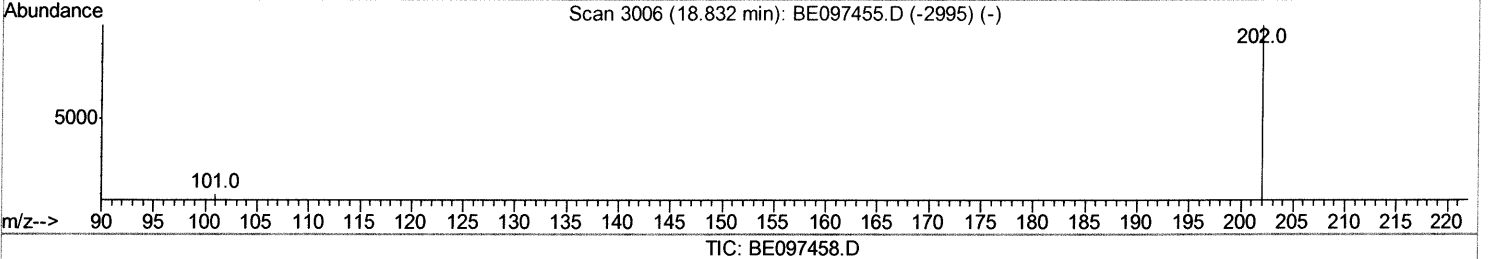
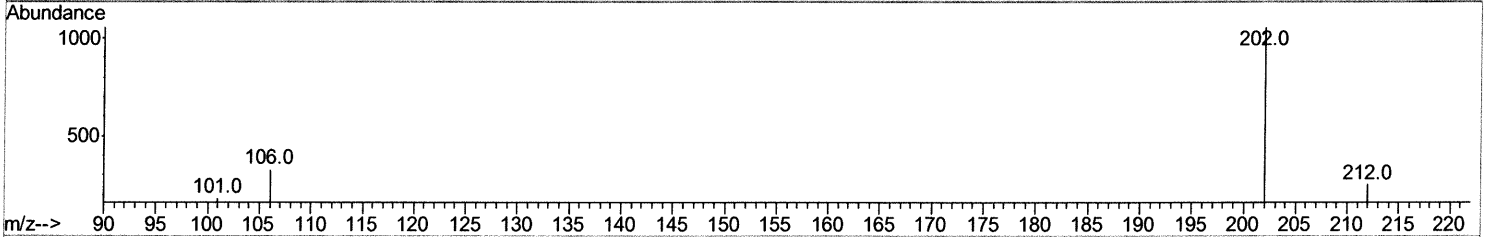
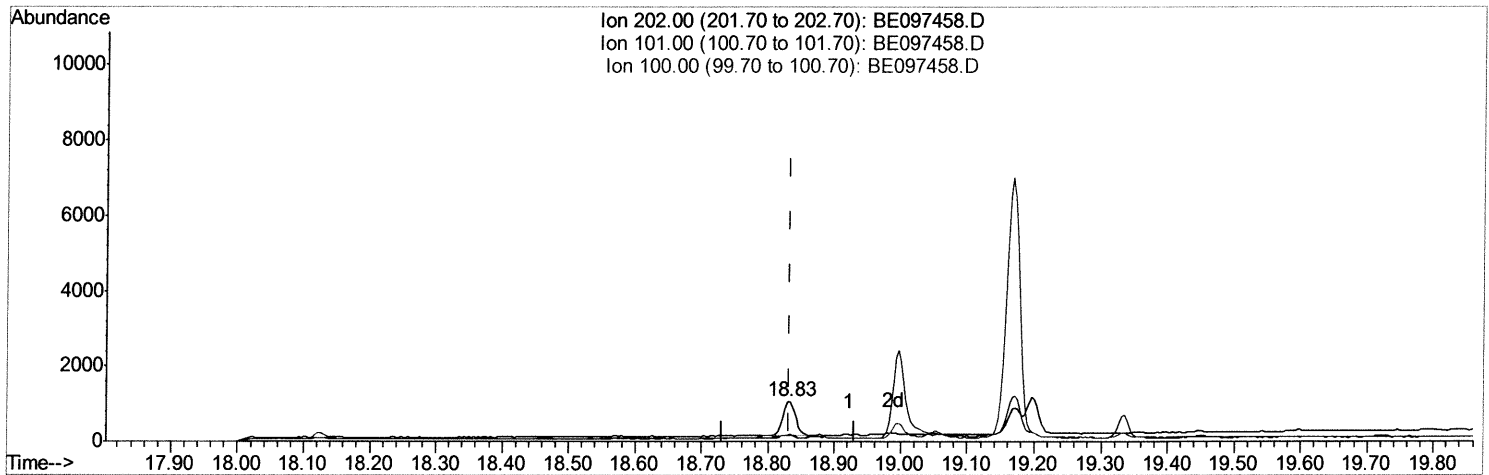
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:19:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

18.832min (+0.000) 0.04ng/ul m> 50 9/18/18

response 1234

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.16
100.00	19.50	15.55
0.00	0.00	0.00

Quantitation Report (Qedit)

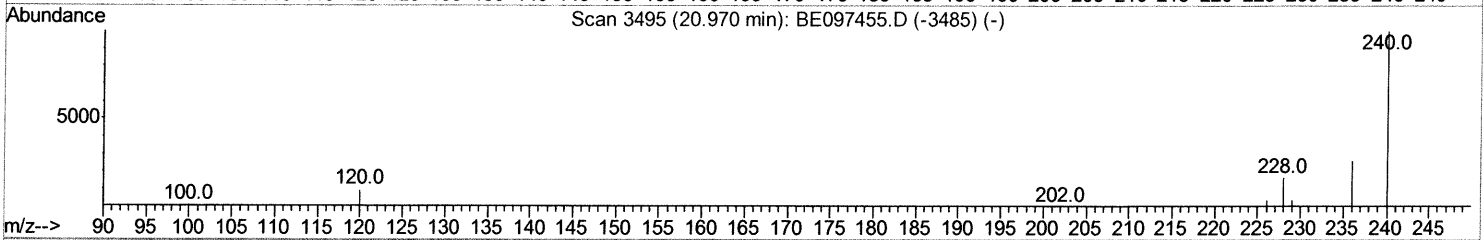
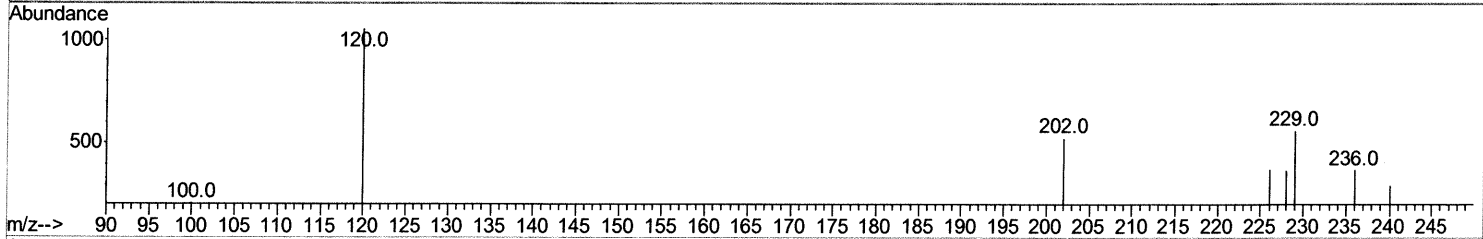
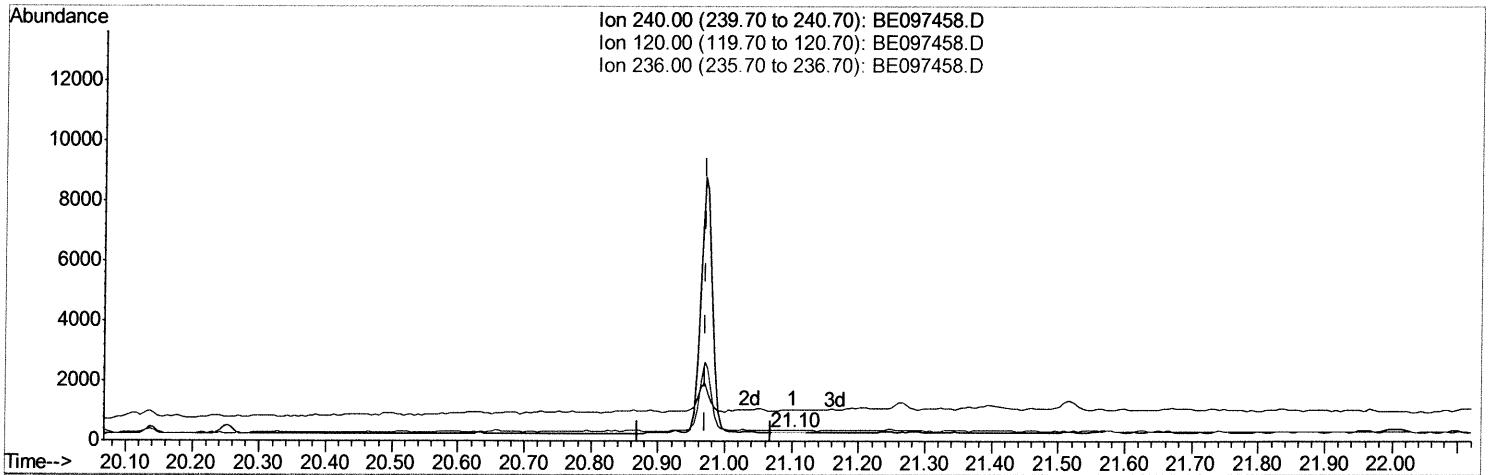
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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TIC: BE097458.D

(16) Chrysene-d12 (I)

21.101min (+0.131) 0.40ng/ul

response 35

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	354.21#
236.00	34.90	125.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

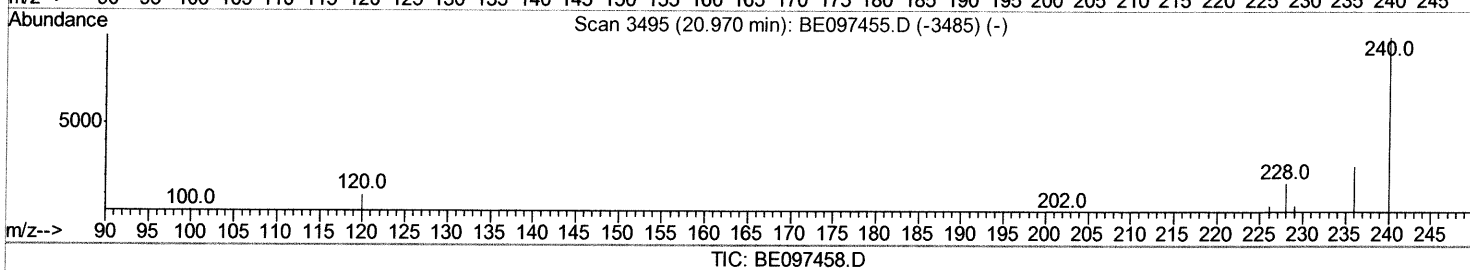
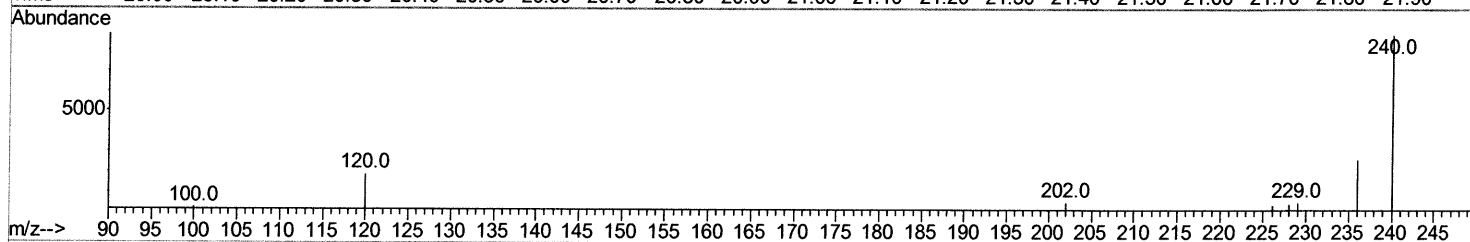
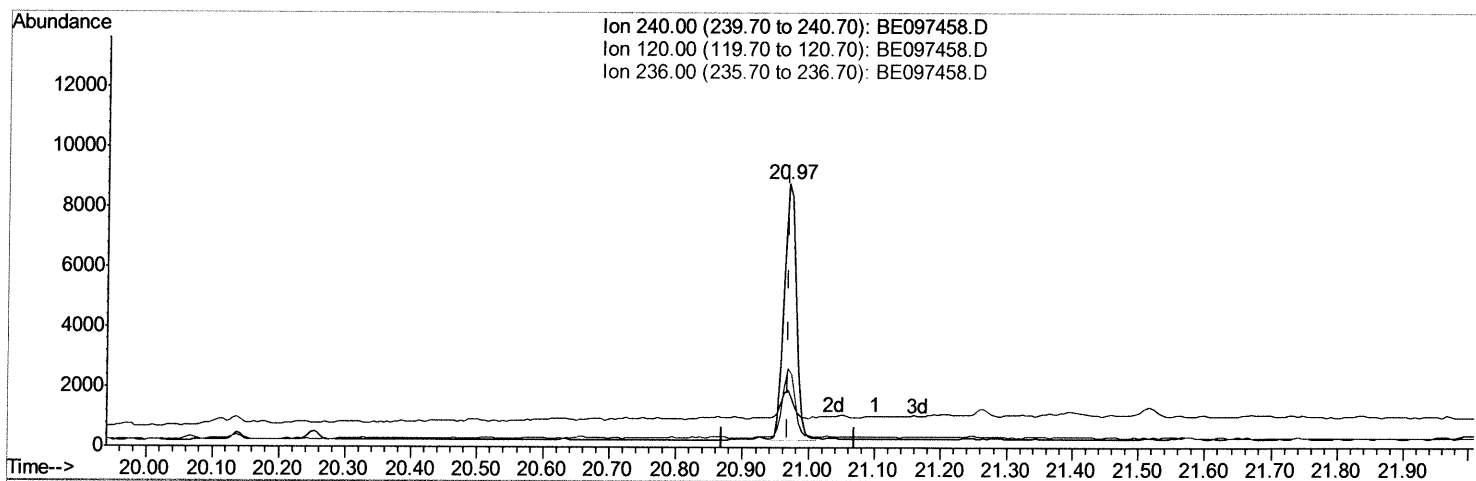
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097458.D
Acq On : 12 Sep 2018 19:39
Operator : SJ/JU
Sample : J4792-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z36

Manual Integrations
APPROVED

Sohil
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.968min (-0.001) 0.40ng/ul m > SJ 9/18/18

response 10976

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	21.80
236.00	34.90	30.12
0.00	0.00	0.00

Quantitation Report (Qedit)

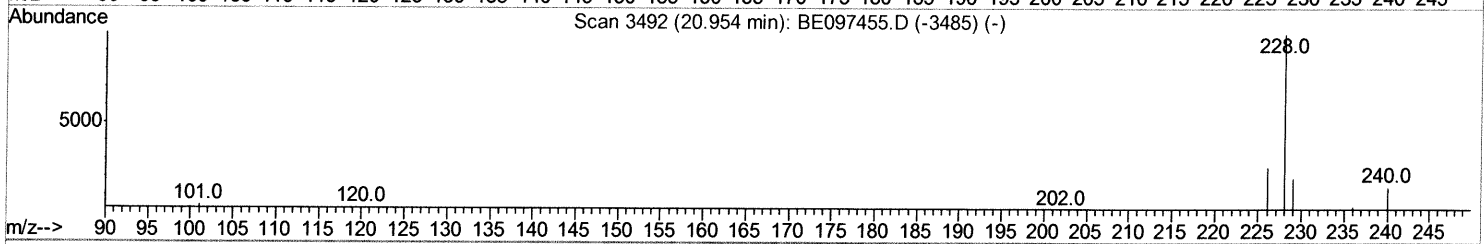
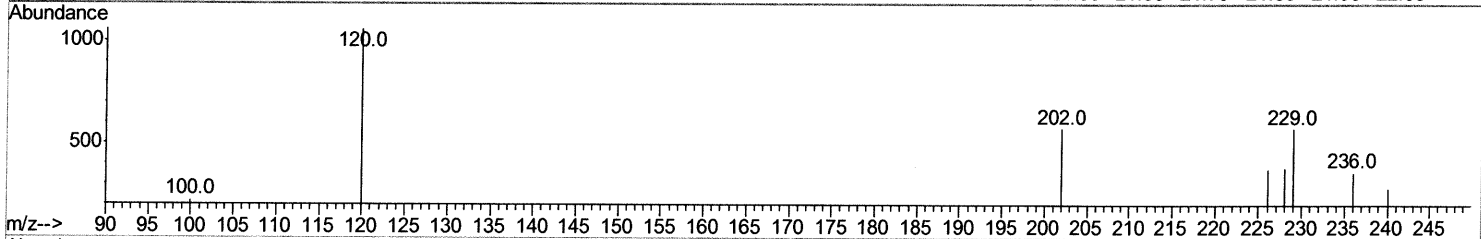
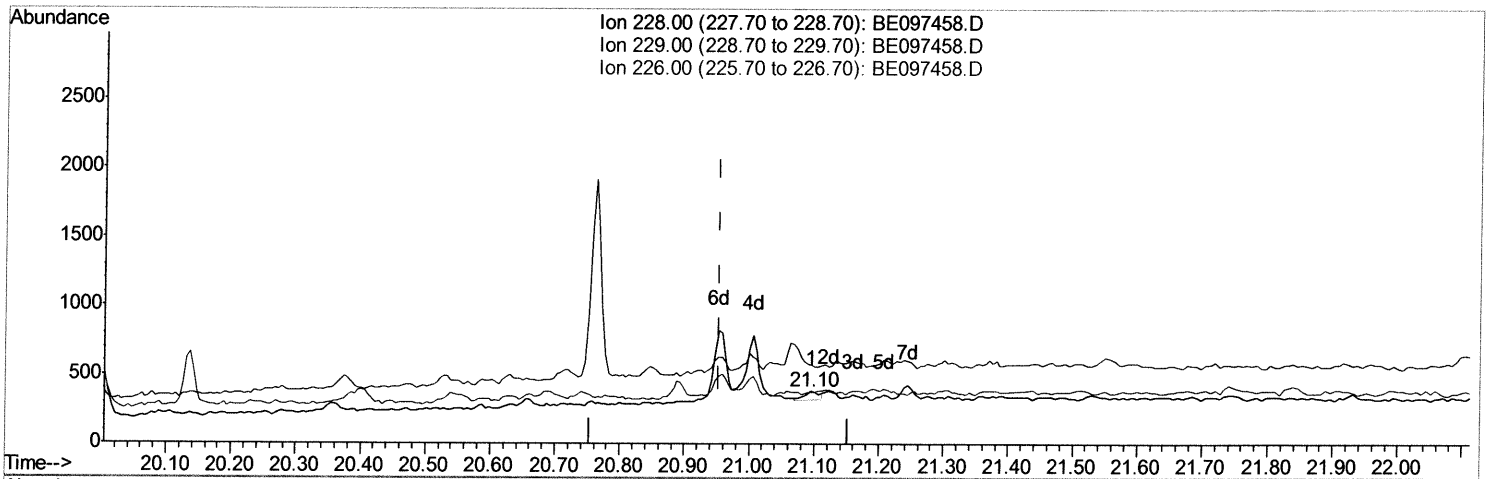
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:20:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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TIC: BE097458.D

(18) Benzo(a)anthracene

21.096min (+0.142) 0.00ng/ul

response 101

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	150.39#
226.00	21.30	98.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

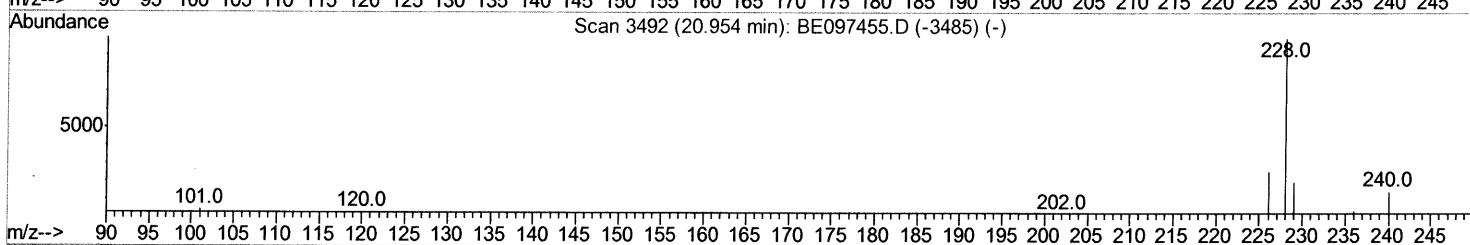
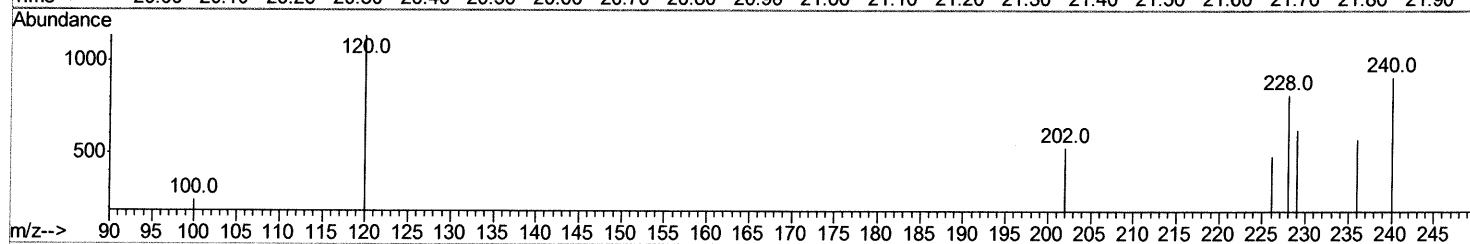
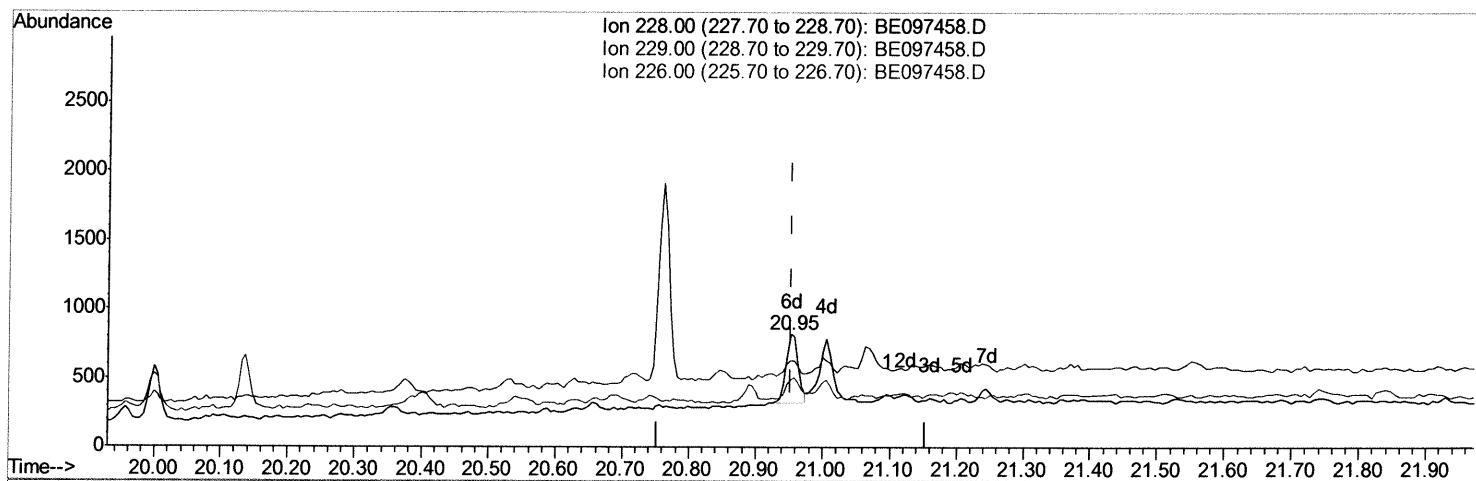
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097458.D
Acq On : 12 Sep 2018 19:39
Operator : SJ/JU
Sample : J4792-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3Z36

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:20:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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Response via : Initial Calibration



TIC: BE097458.D

(18) Benzo(a)anthracene

20.953min (-0.001) 0.02ng/ul m > SJ 9/18/18

response 628

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	77.14#
226.00	21.30	59.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

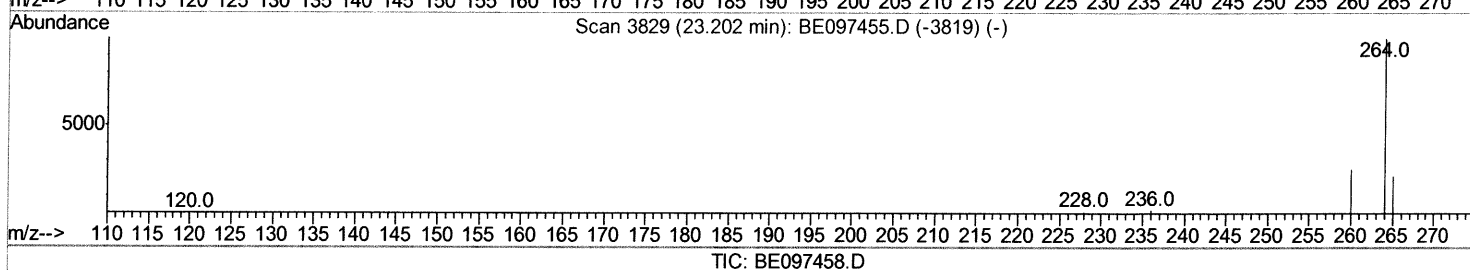
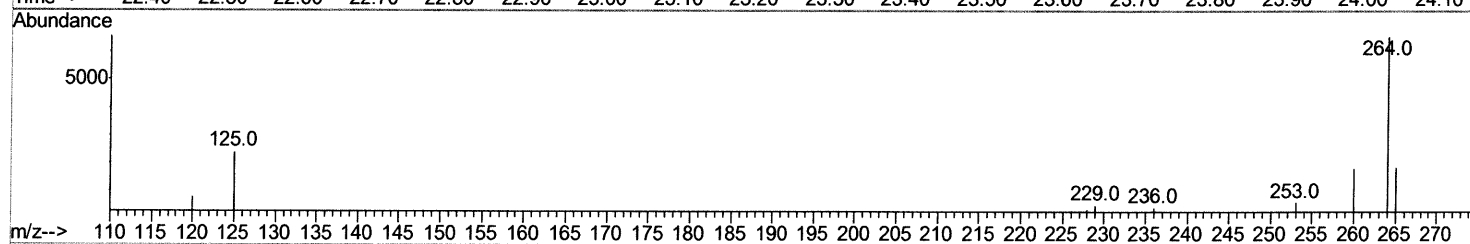
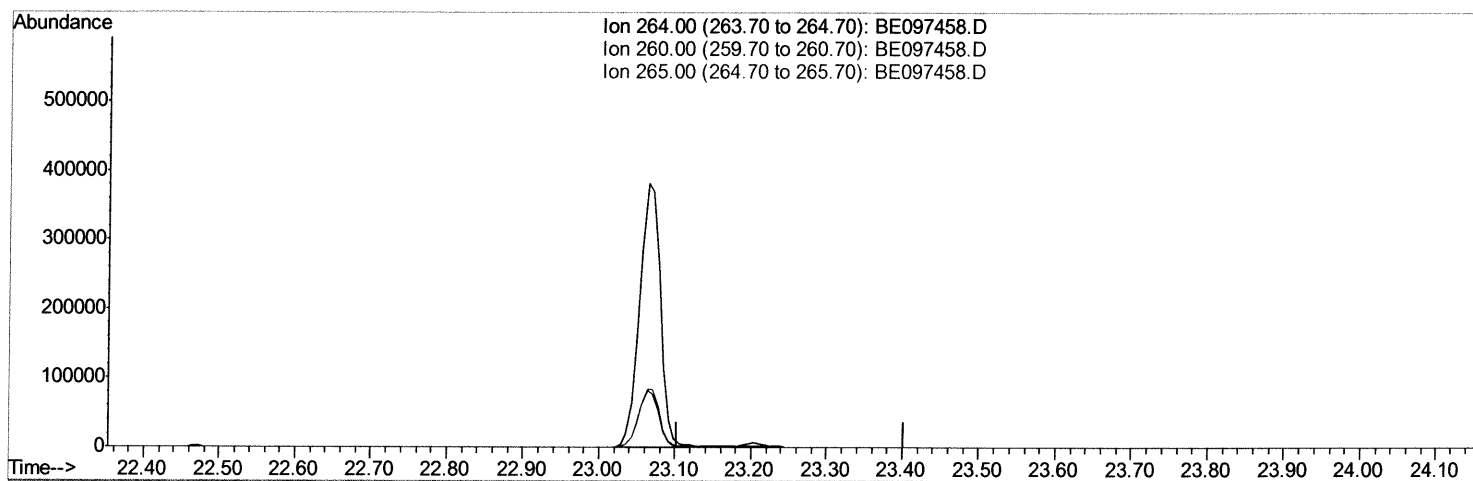
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097458.D
Acq On : 12 Sep 2018 19:39
Operator : SJ/JU
Sample : J4792-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3Z36

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:20:39 2018
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(20) Perylene-d12 (I)

23.202min (-23.202) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

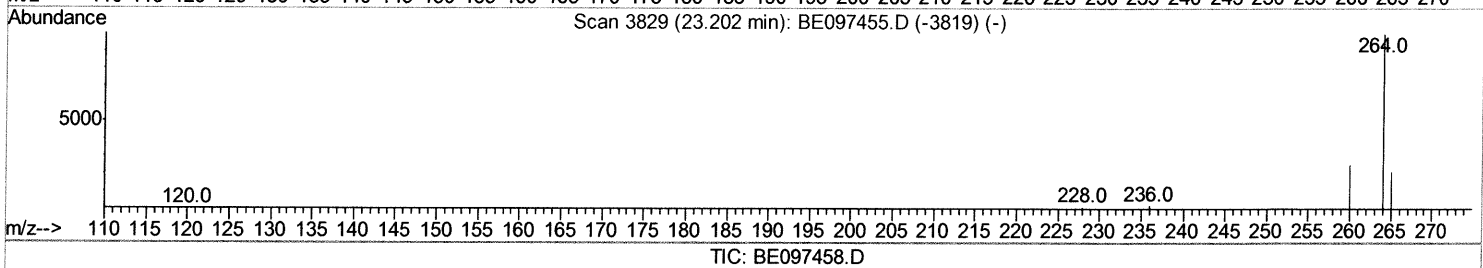
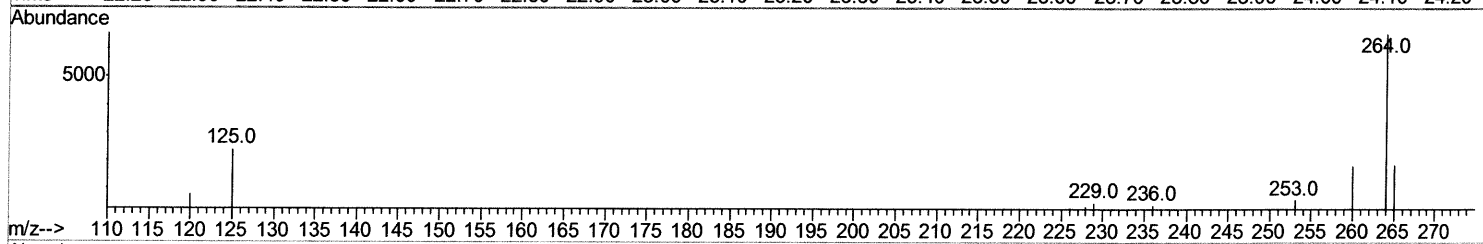
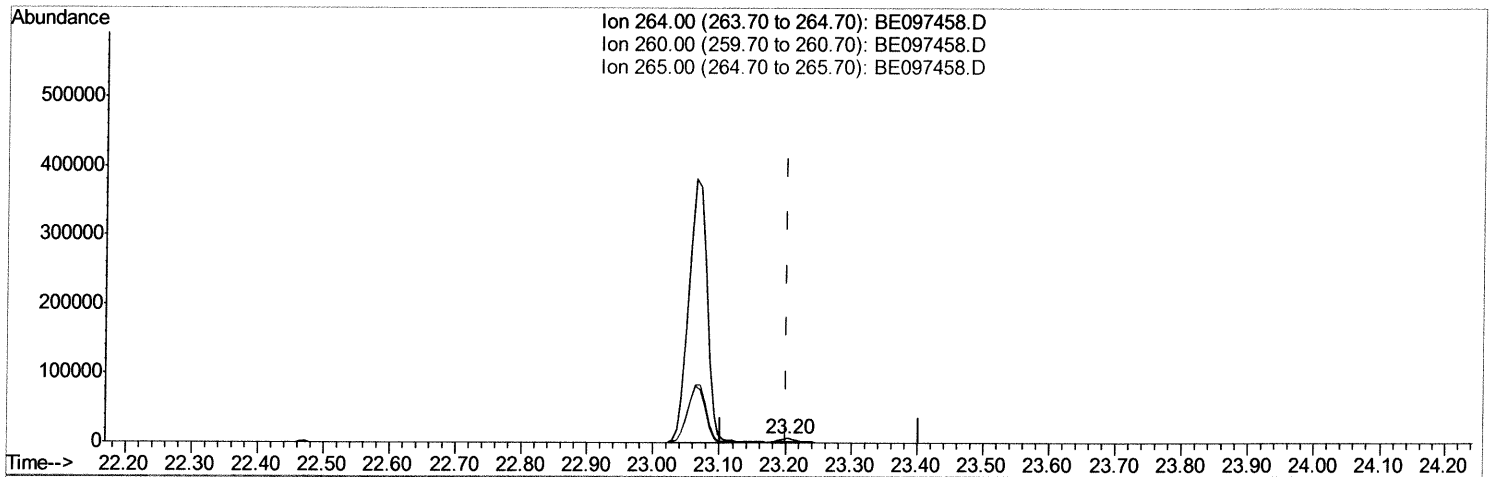
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097458.D
 Acq On : 12 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4792-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Z36

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:23 PM

Quant Time: Sep 13 02:20:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.204min (+0.001) 0.40ng/ul m) SJ 9/18/18

response 10796

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.51
265.00	103.50	28.28#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

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 9/13/2018 5:42:23 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5398	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3943	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9768m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10976m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10796m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	2485	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9238m	0.29	ng/ul	0.00
Target Compounds						
12) Phenanthrene	16.80	178	554m	0.022	ng/ul	Ovalue
15) Fluoranthene	18.83	202	1234m	0.038	ng/ul	
17) Pyrene	19.20	202	1269	0.043	ng/ul	
18) Benzo(a)anthracene	20.95	228	628m	0.022	ng/ul	

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