

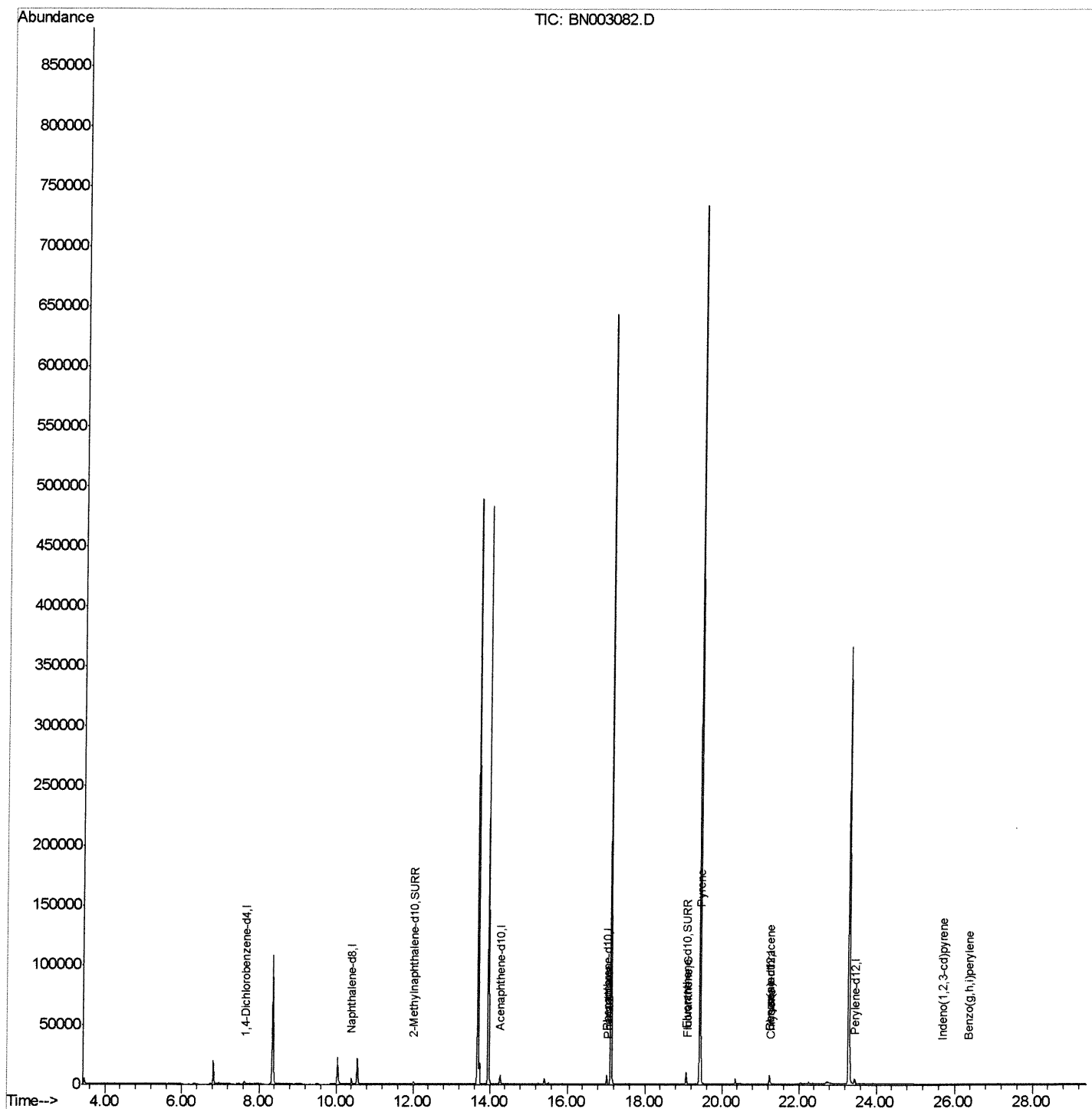
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003082.D
Acq On : 11 Oct 2018 01:47
Operator : MJ/SJ
Sample : J5230-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z15

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:34:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

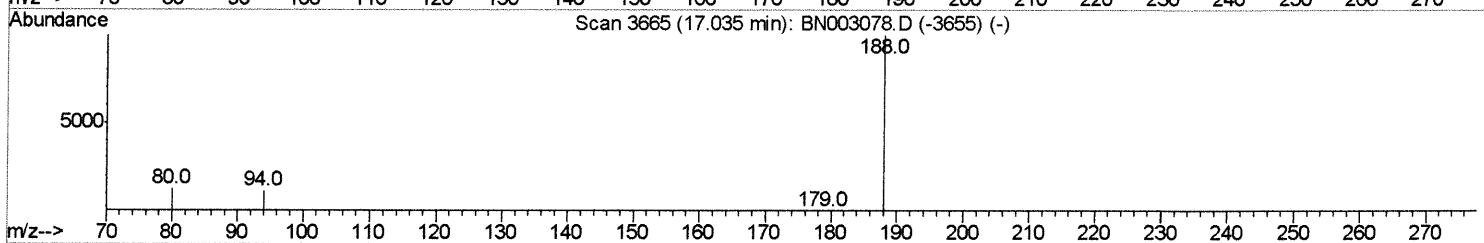
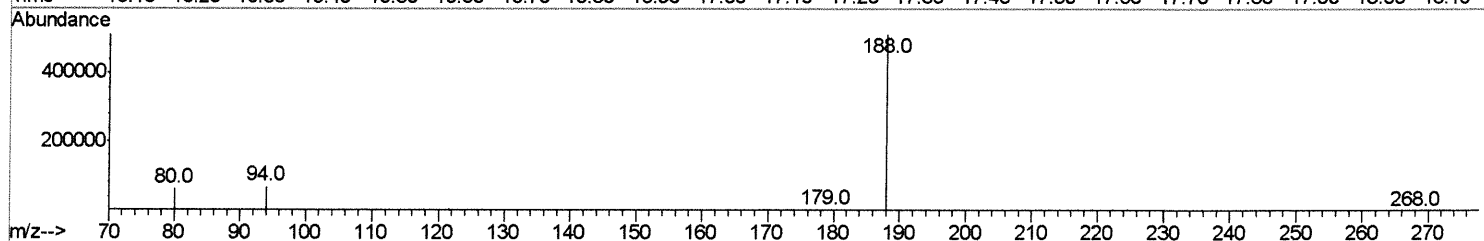
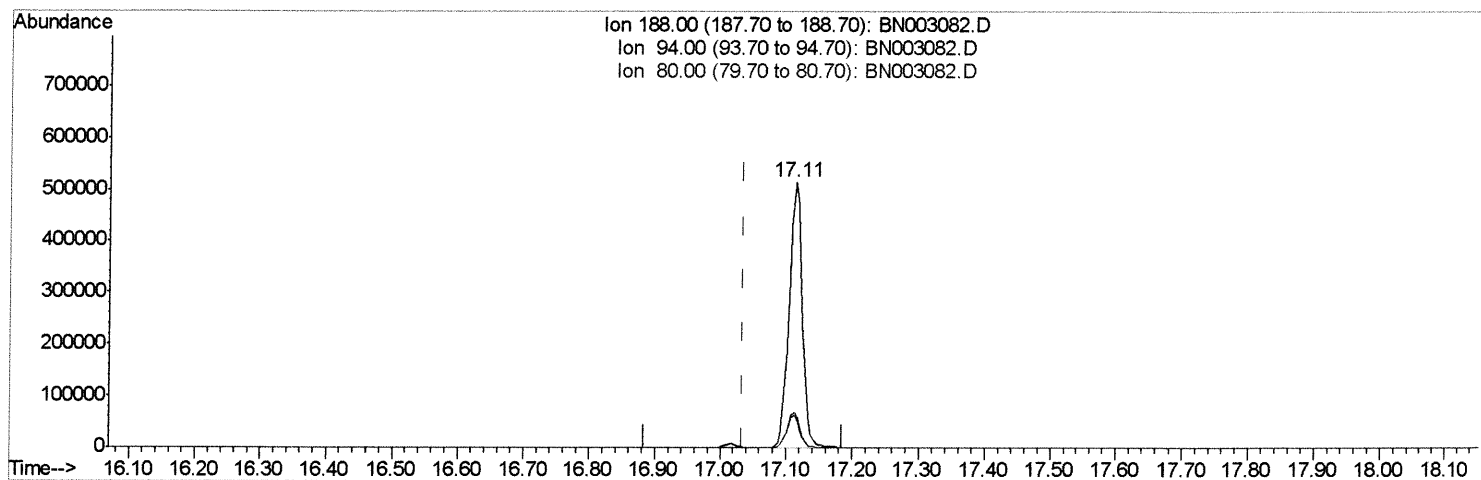
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003082.D
Acq On : 11 Oct 2018 01:47
Operator : MJ/SJ
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Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:13:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration



TIC: BN003082.D

(10) Phenanthrene-d10 (I)

17.111min (+0.076) 0.40ng/ul

response 725204

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.24
80.00	12.70	12.08
0.00	0.00	0.00

Quantitation Report (Qedit)

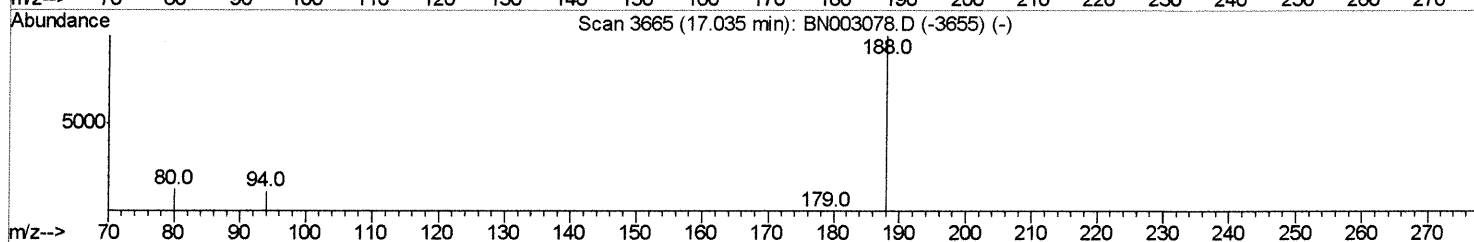
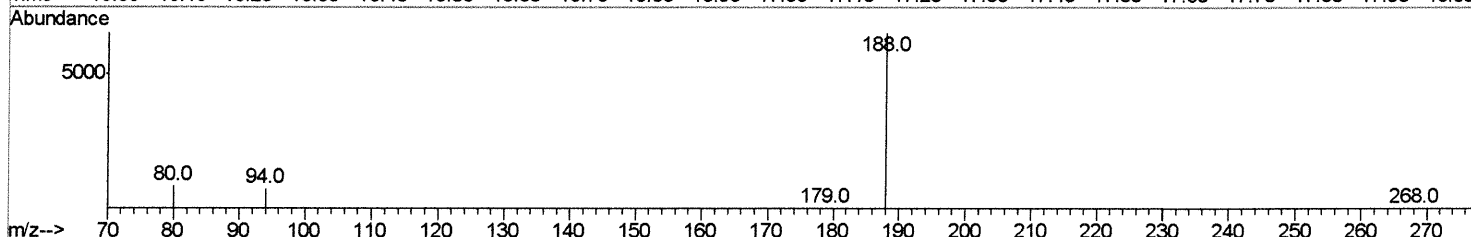
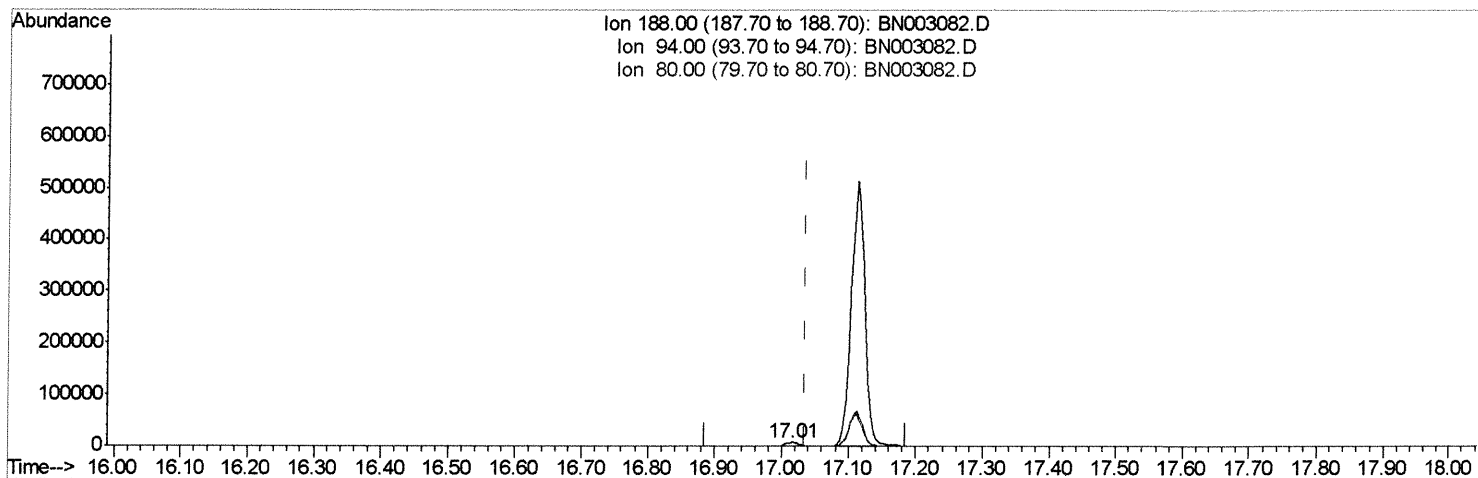
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
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Instrument :
 BNA_N
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Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:58 PM

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TIC: BN003082.D

(10) Phenanthrene-d10 (I)

17.014min (-0.021) 0.40ng/ul m

response 9215

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	11.95
80.00	12.70	13.45
0.00	0.00	0.00

Quantitation Report (Qedit)

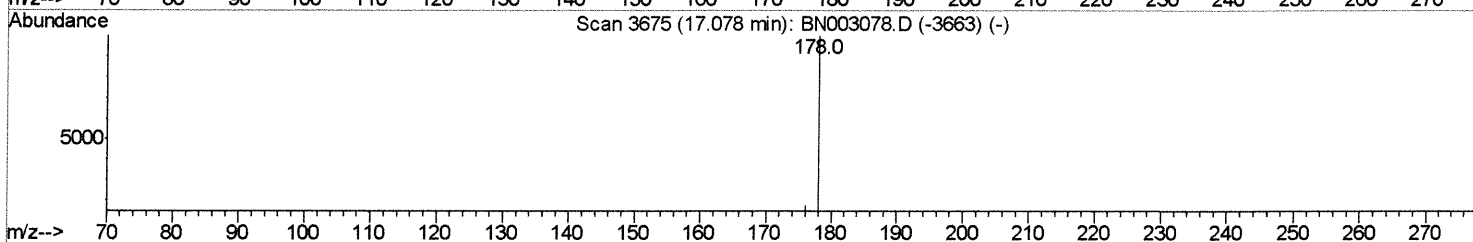
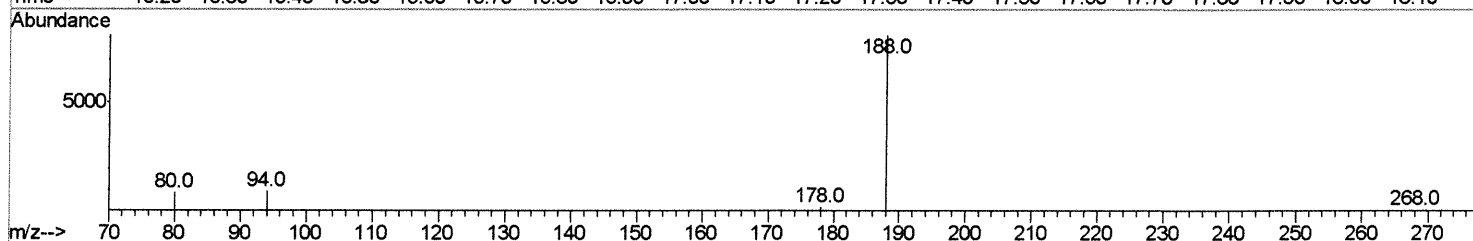
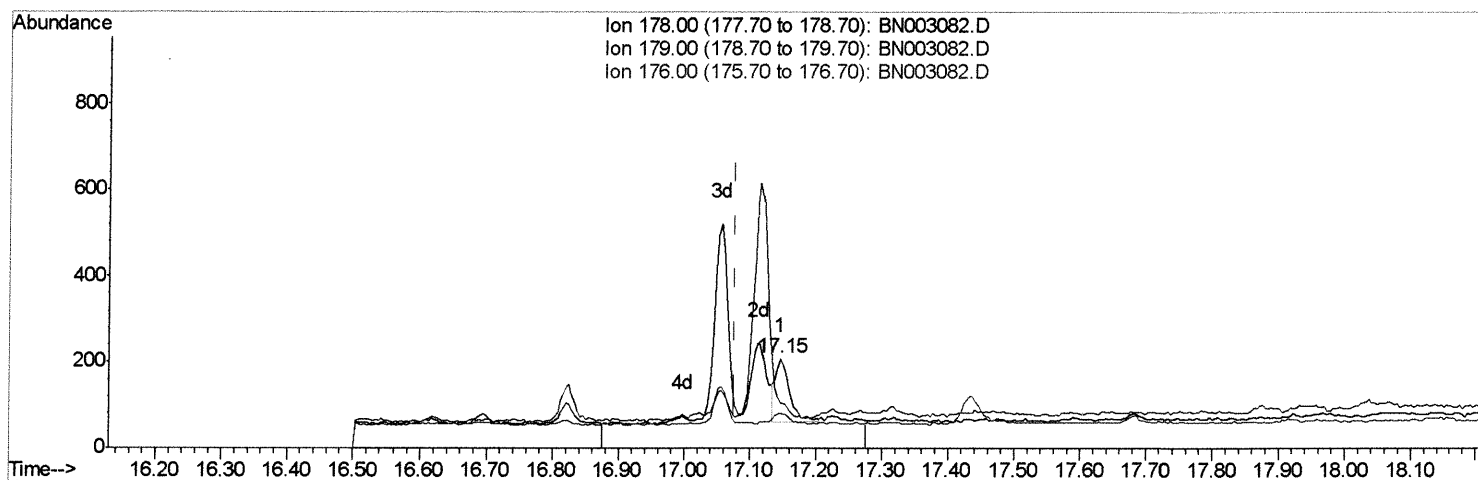
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003082.D
Acq On : 11 Oct 2018 01:47
Operator : MJ/SJ
Sample : J5230-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:32:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
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TIC: BN003082.D

(12) Phenanthrene

17.145min (+0.067) 0.01ng/ul

response 219

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	51.44#
176.00	19.30	38.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

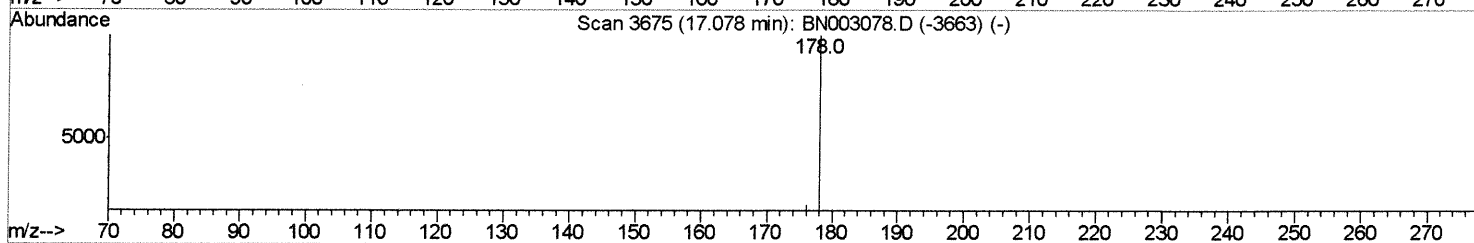
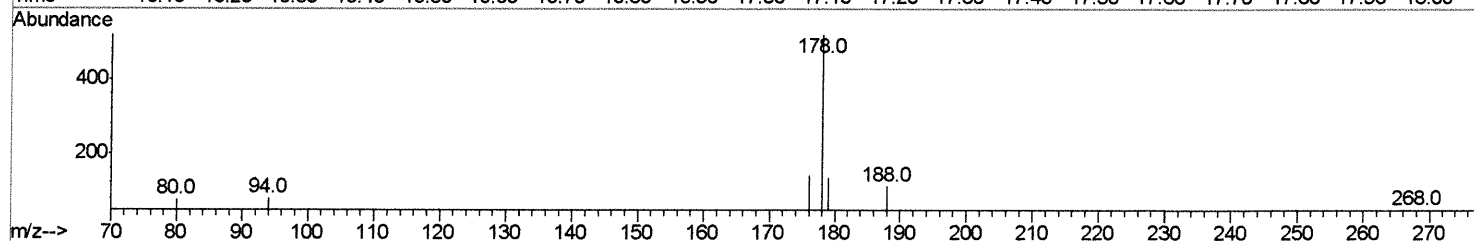
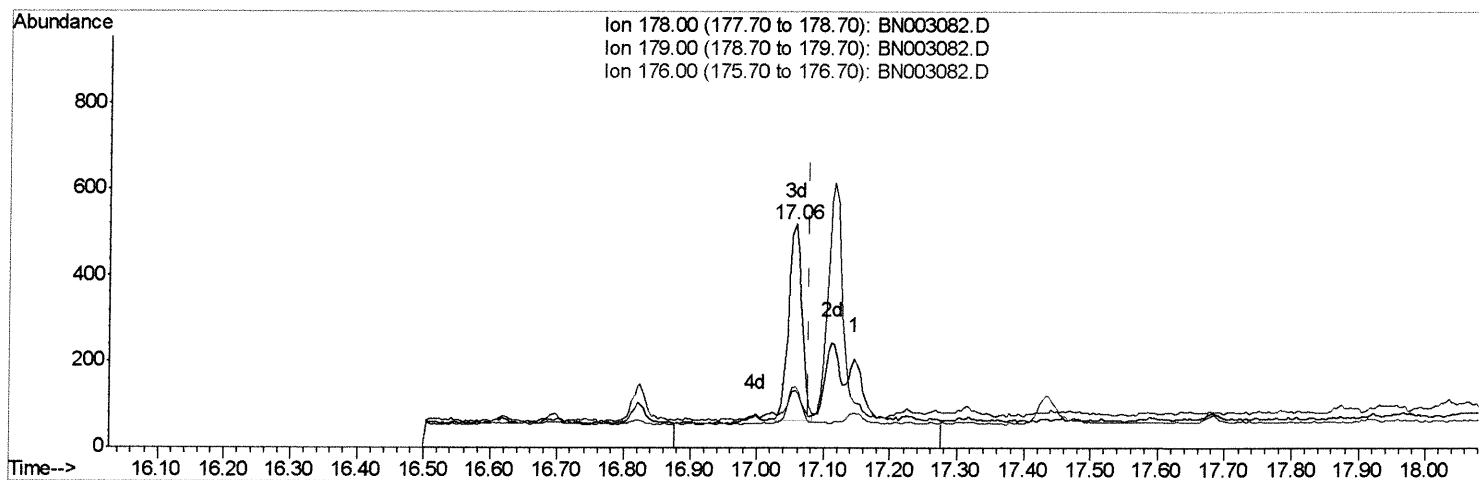
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003082.D
Acq On : 11 Oct 2018 01:47
Operator : MJ/SJ
Sample : J5230-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z15

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:32:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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Response via : Initial Calibration



TIC: BN003082.D

(12) Phenanthrene

17.056min (-0.021) 0.02ng/ul m

response 640

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	26.01#
176.00	19.30	27.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

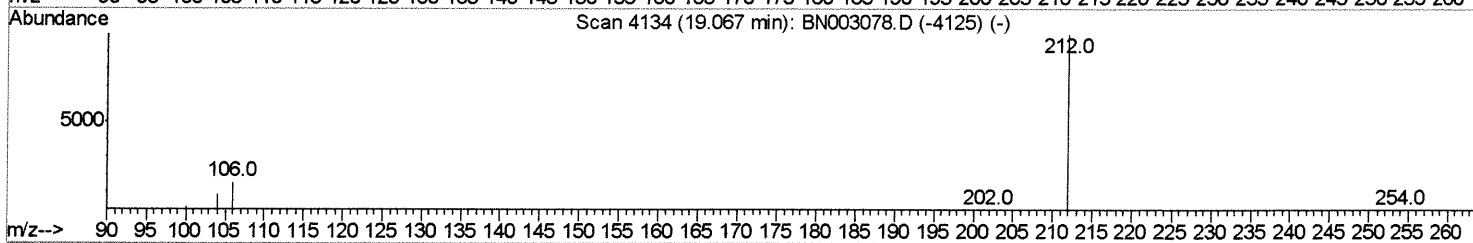
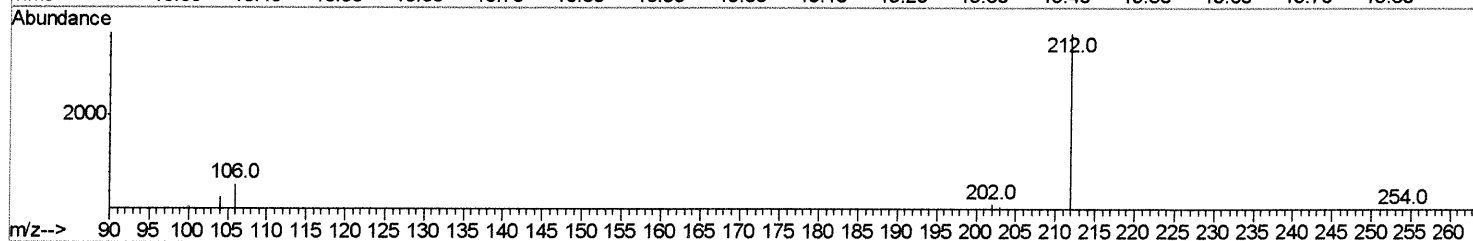
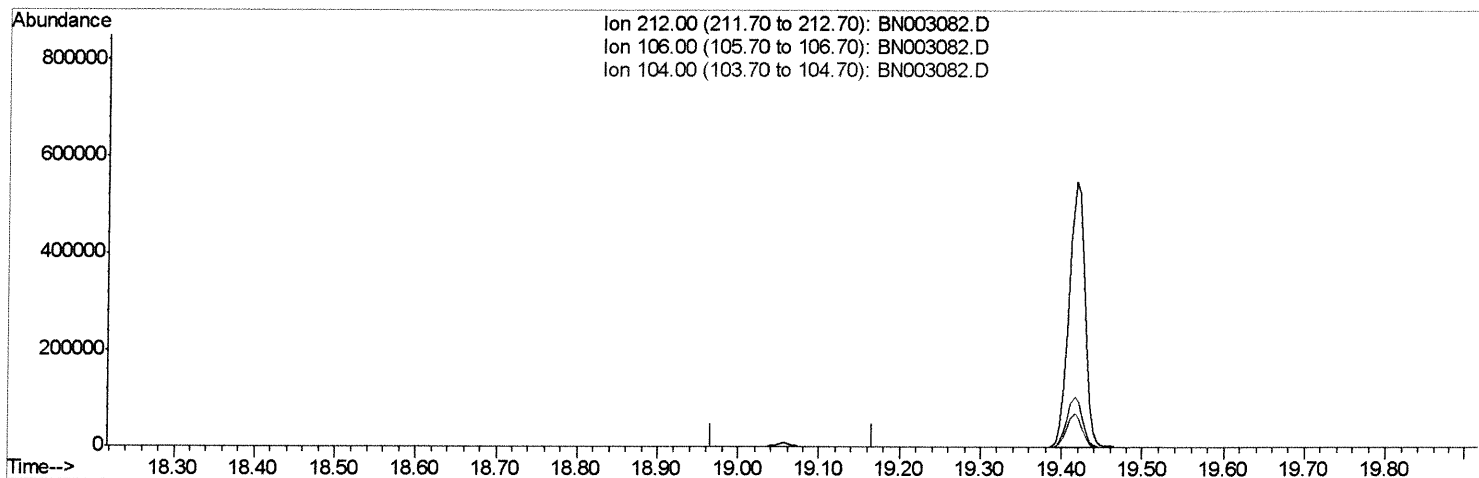
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003082.D
Acq On : 11 Oct 2018 01:47
Operator : MJ/SJ
Sample : J5230-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z15

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:32:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BN003082.D

(14) Fluoranthene-d10 (SURR)

19.067min (-19.067) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

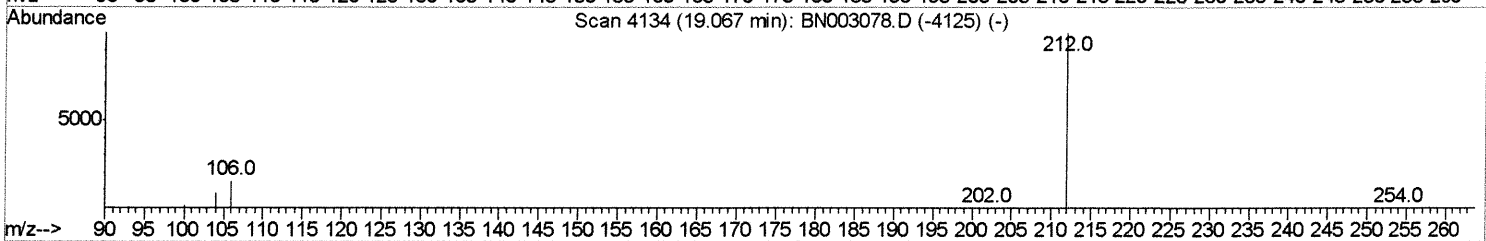
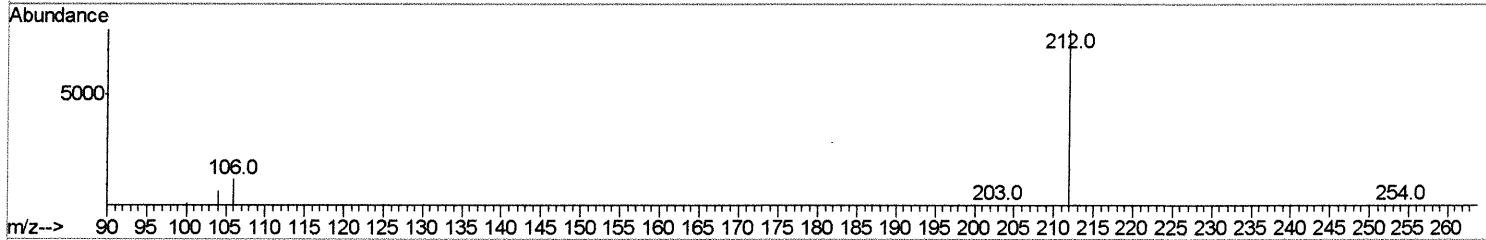
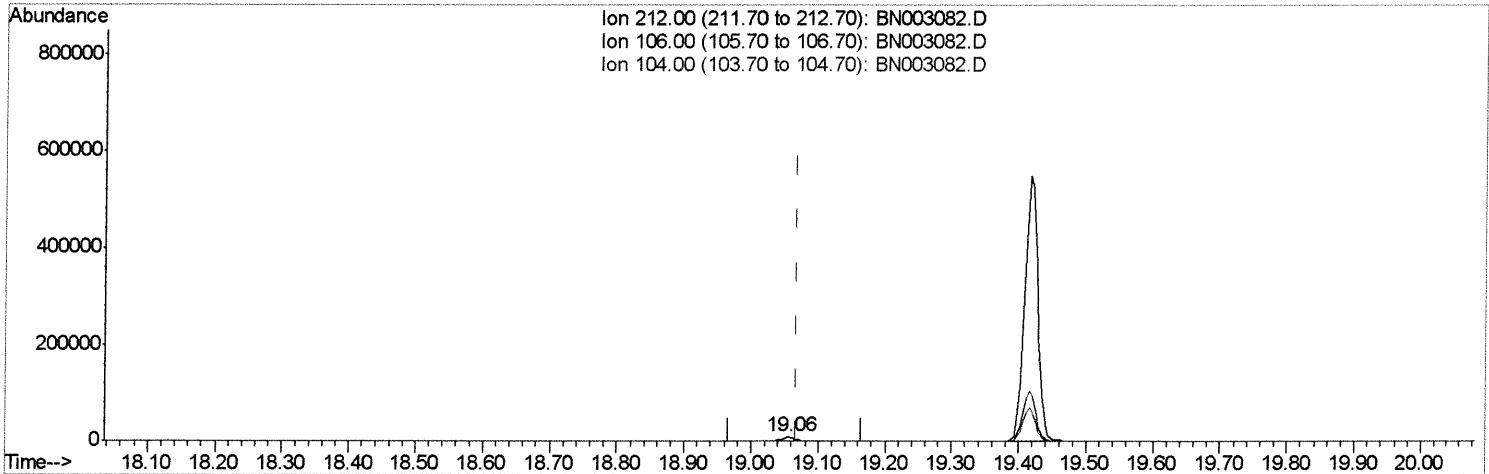
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003082.D
 Acq On : 11 Oct 2018 01:47
 Operator : MJ/SJ
 Sample : J5230-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z15

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:32:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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 Response via : Initial Calibration



TIC: BN003082.D

(14) Fluoranthene-d10 (SURR)

19.058min (-0.009) 0.41ng/ul m

response 10772

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

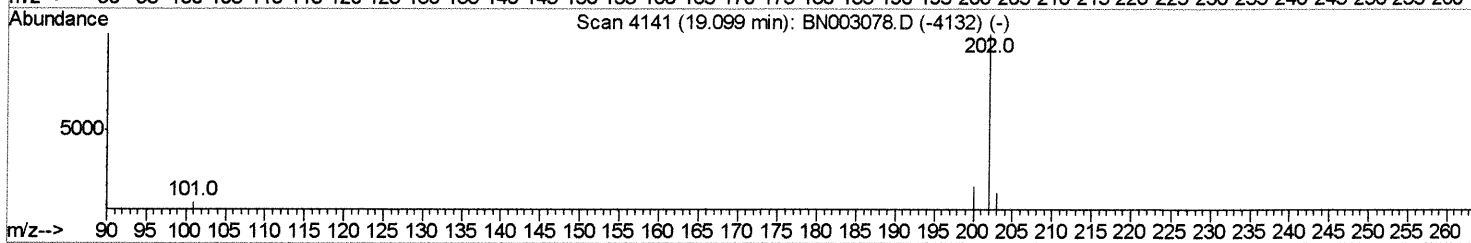
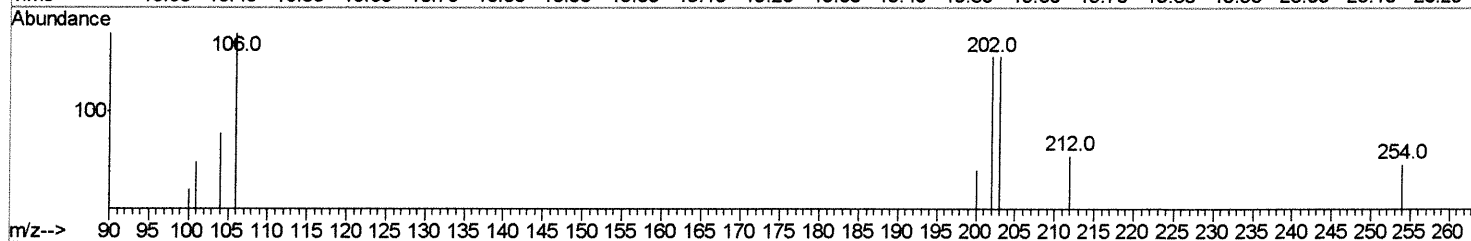
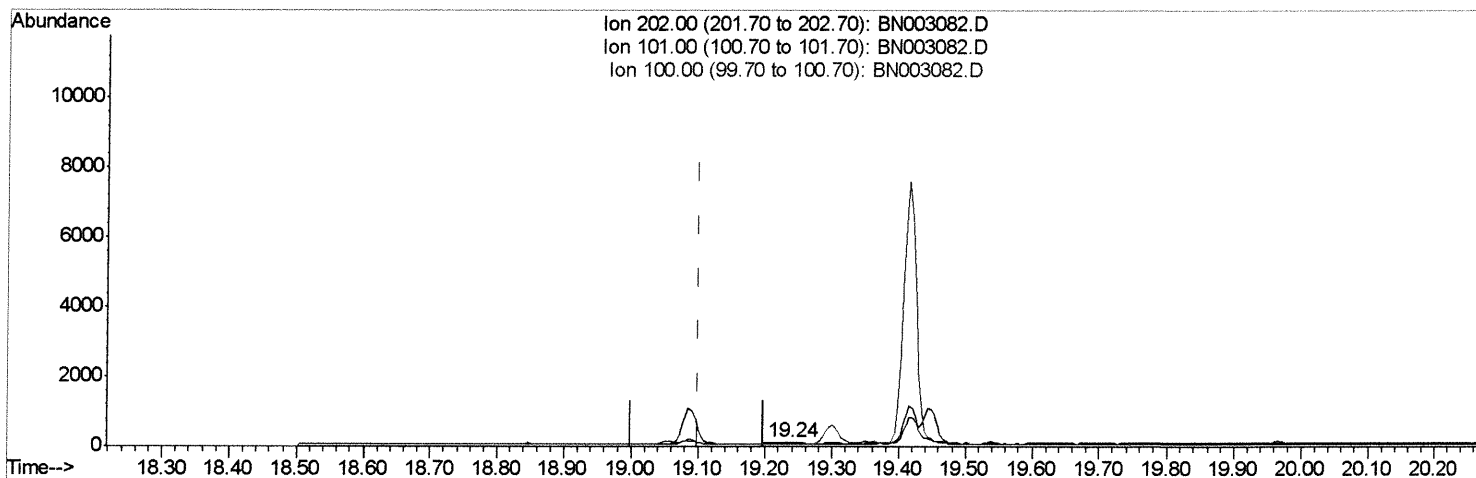
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003082.D
Acq On : 11 Oct 2018 01:47
Operator : MJ/SJ
Sample : J5230-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z15

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:33:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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TIC: BN003082.D

(15) Fluoranthene (C)

19.239min (+0.139) 0.00ng/ul

response 67

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	68.33#
100.00	9.10	60.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

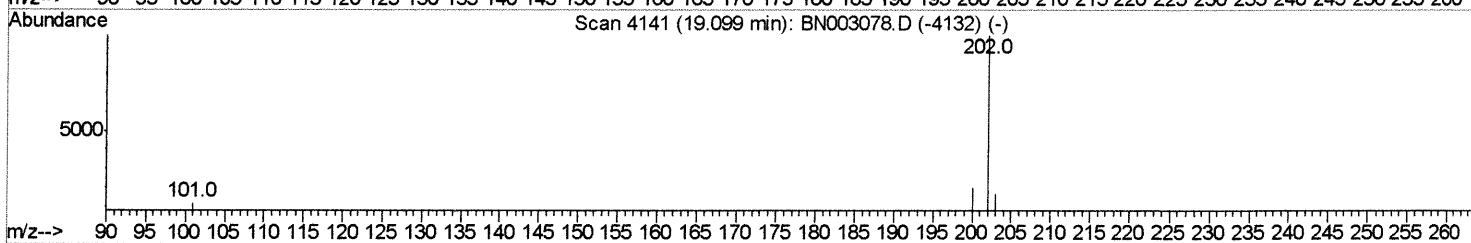
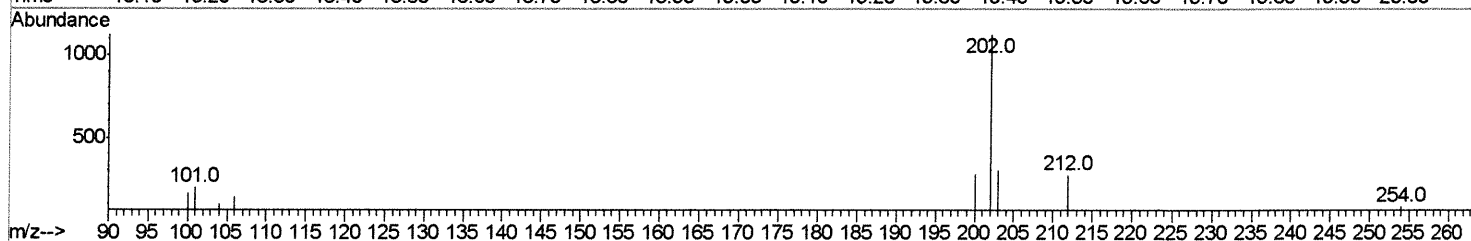
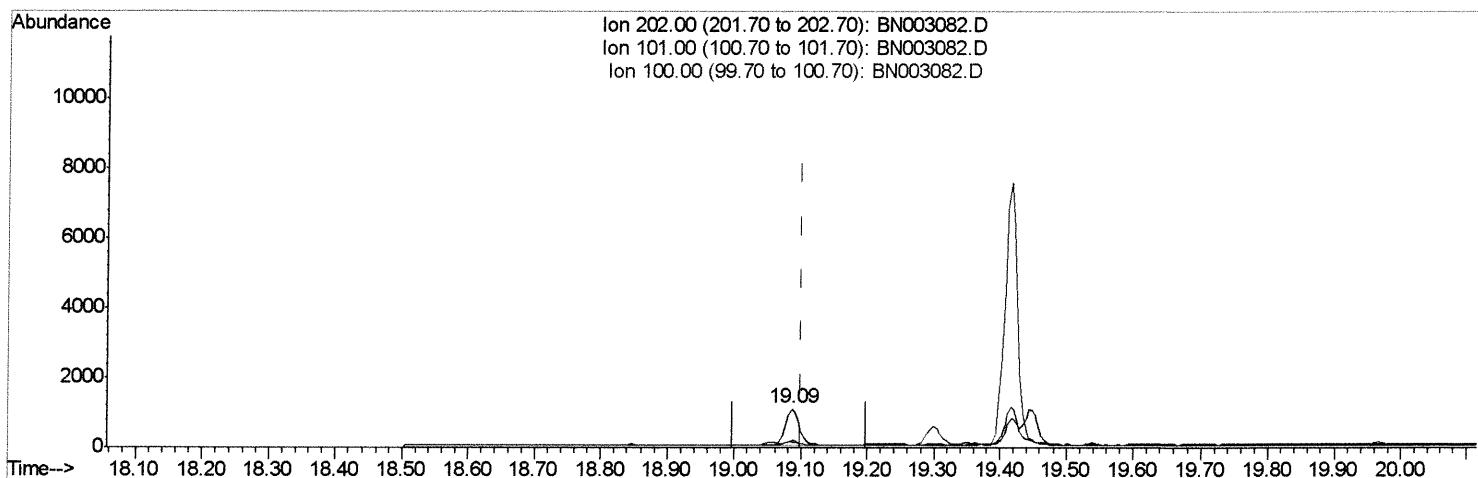
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003082.D
 Acq On : 11 Oct 2018 01:47
 Operator : MJ/SJ
 Sample : J5230-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z15

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:33:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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 QLast Update : Thu Oct 11 08:10:30 2018
 Response via : Initial Calibration



TIC: BN003082.D

(15) Fluoranthene (C)

19.085min (-0.014) 0.05ng/ul *sg 10/12/18*

response 1490

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	17.74
100.00	9.10	14.53
0.00	0.00	0.00

Quantitation Report (Qedit)

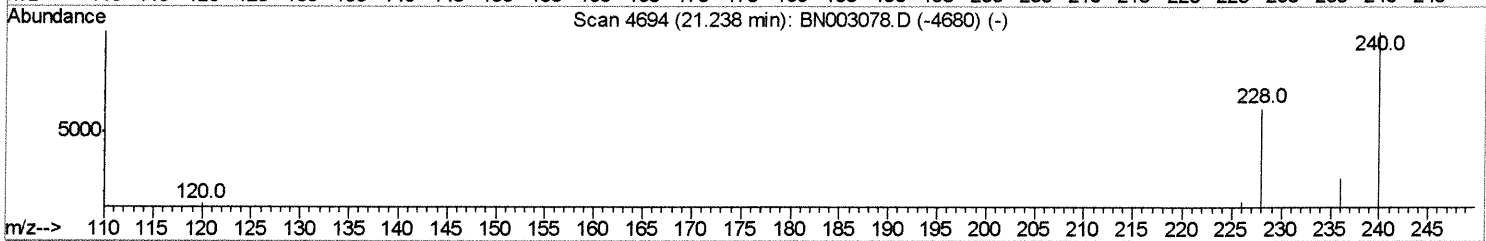
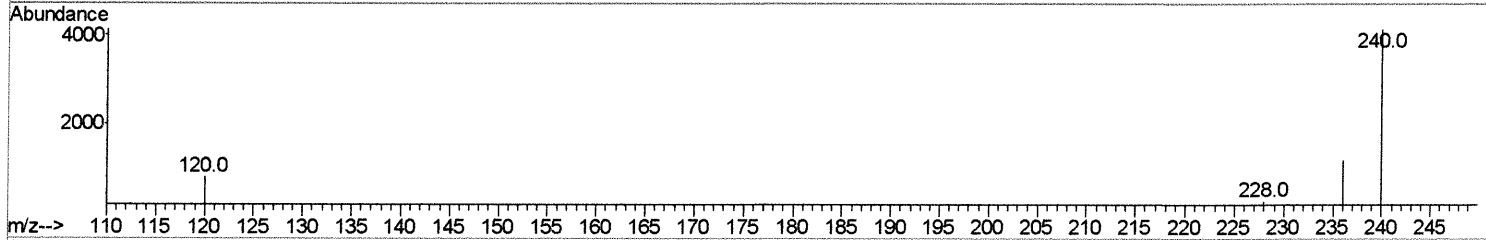
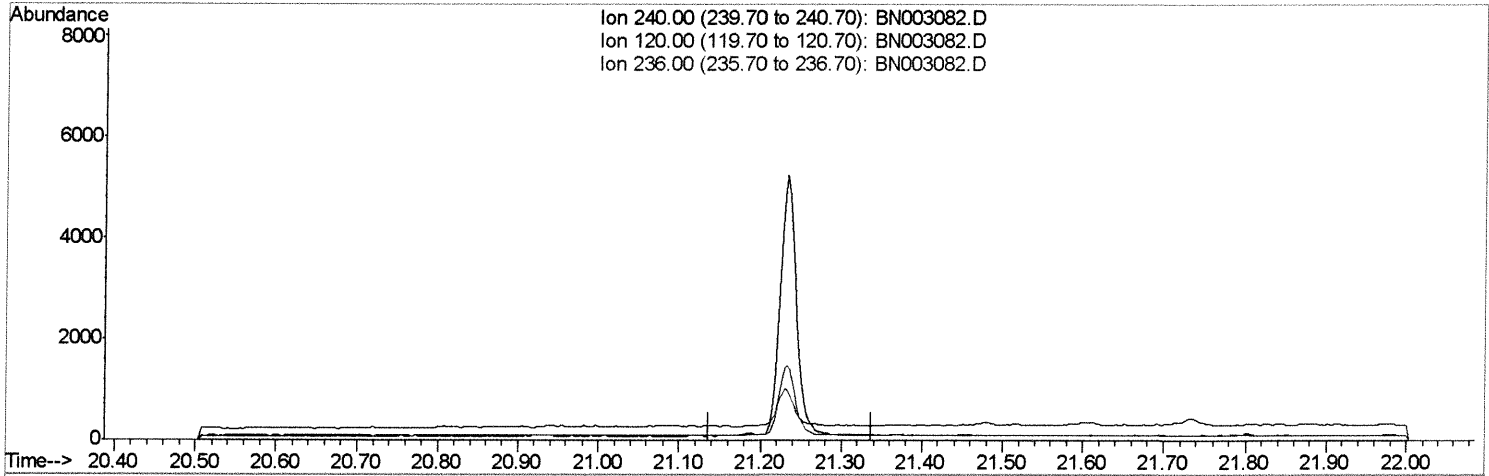
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
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 Operator : MJ/SJ
 Sample : J5230-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:33:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.238min (-21.238) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.40	0.00#
236.00	28.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

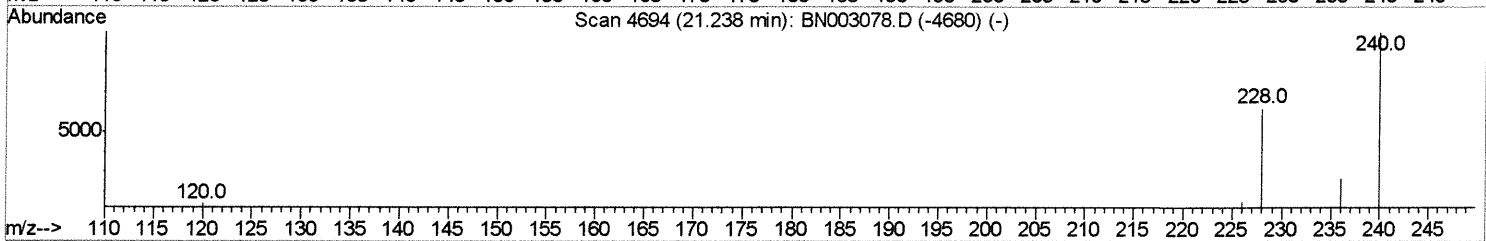
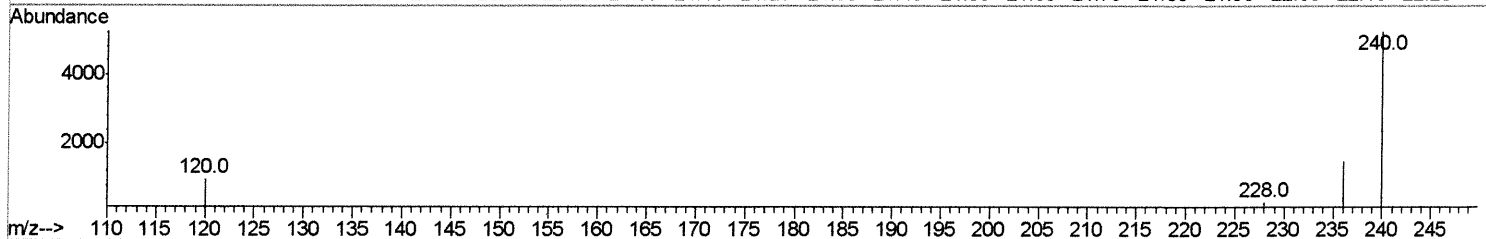
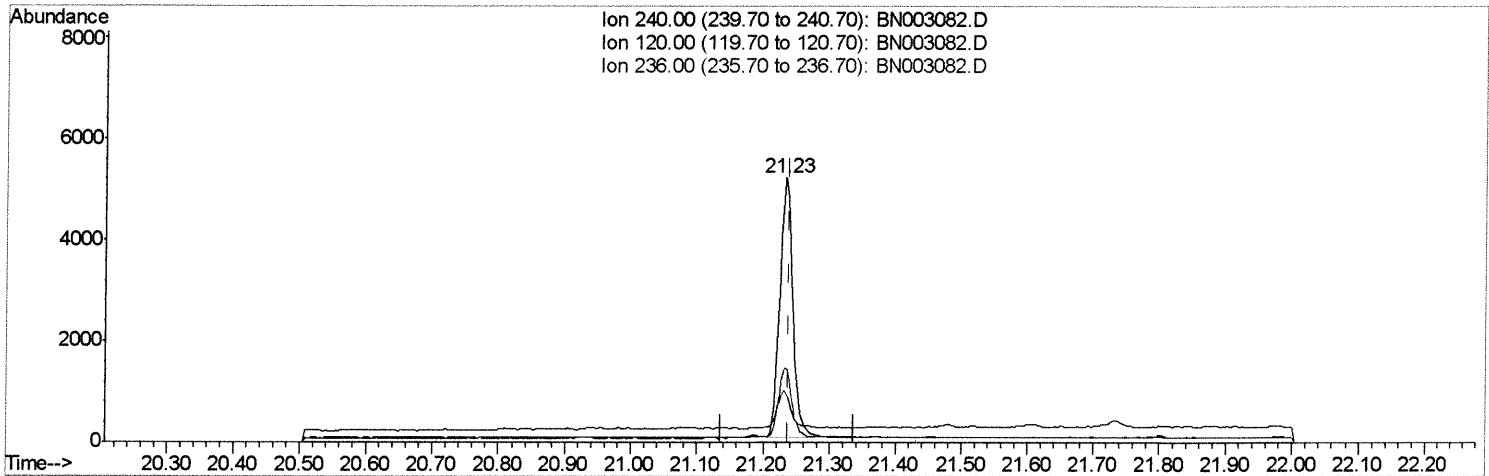
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:33:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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 QLast Update : Thu Oct 11 08:10:30 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.232min (-0.006) 0.40ng/ul m

response 7036

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	18.91
236.00	28.10	28.30
0.00	0.00	0.00

Quantitation Report (Qedit)

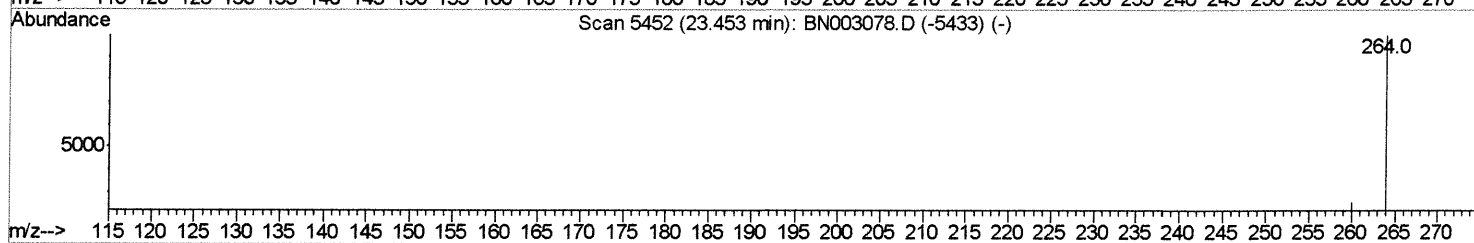
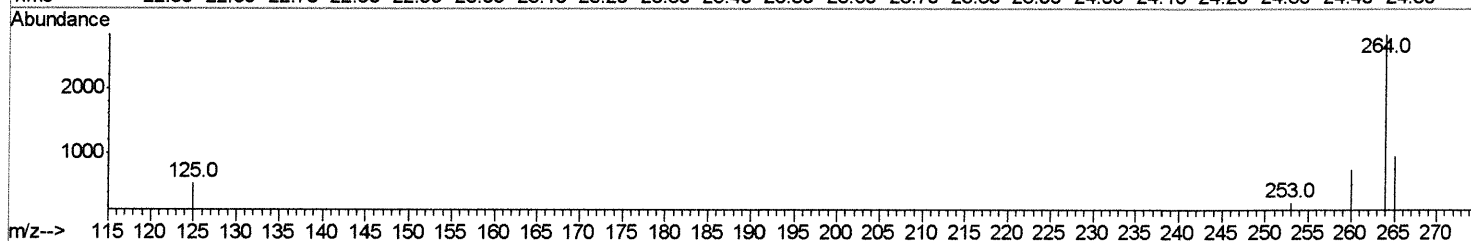
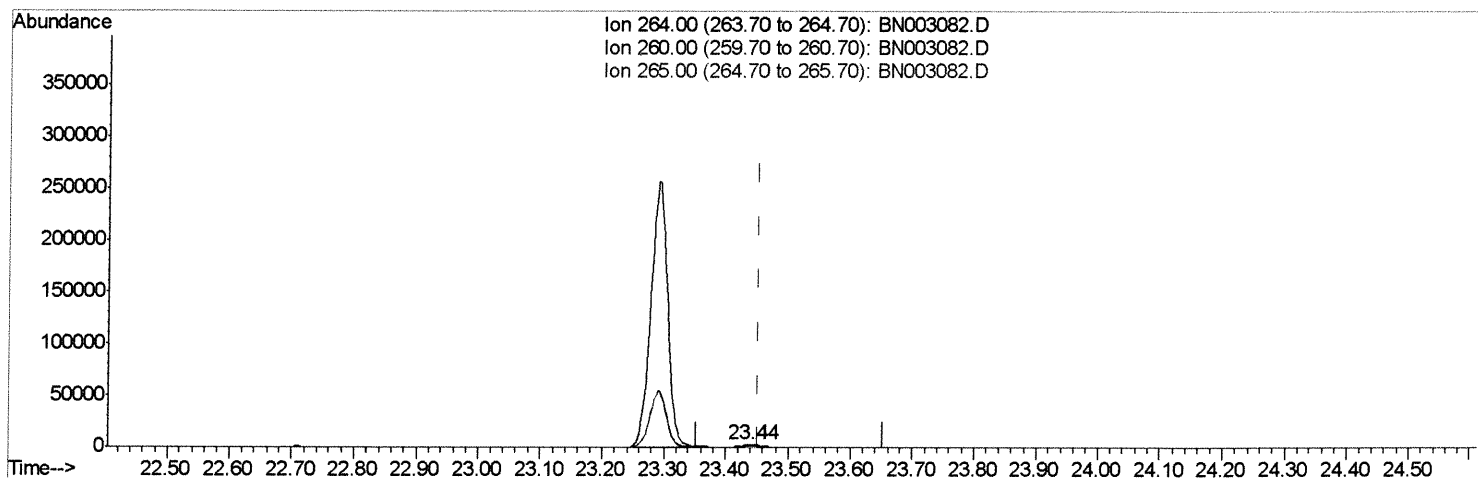
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003082.D
 Acq On : 11 Oct 2018 01:47
 Operator : MJ/SJ
 Sample : J5230-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z15

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:58 PM

Quant Time: Oct 11 08:34:07 2018
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TIC: BN003082.D

(20) Perylene-d12 (I)

23.441min (-0.012) 0.40ng/ul

response 6149

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.07
265.00	45.40	33.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

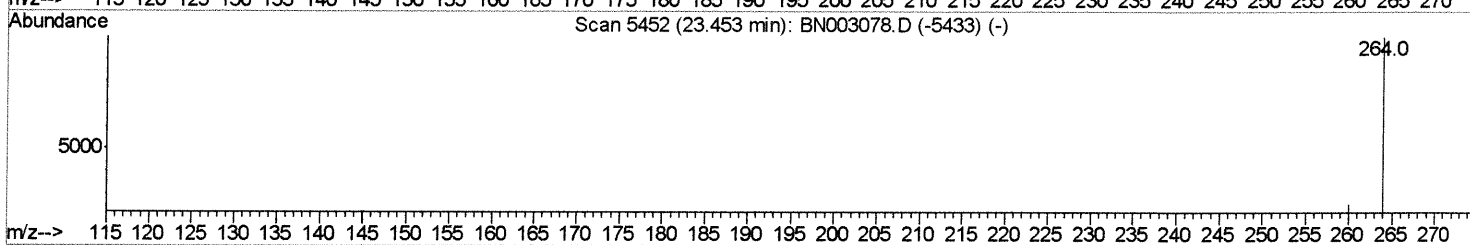
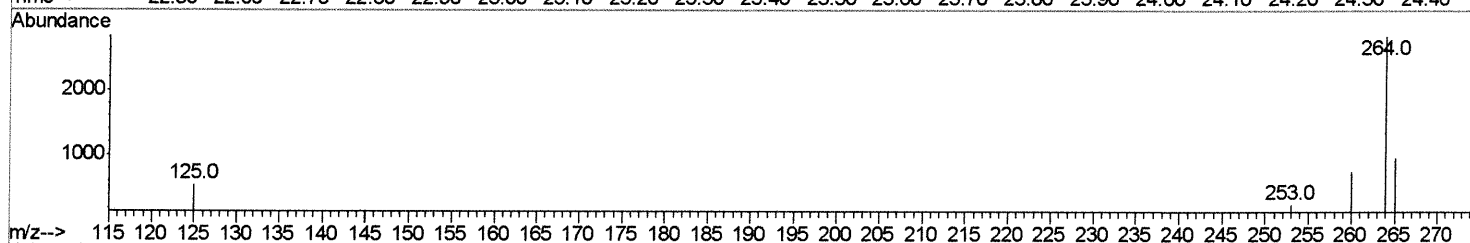
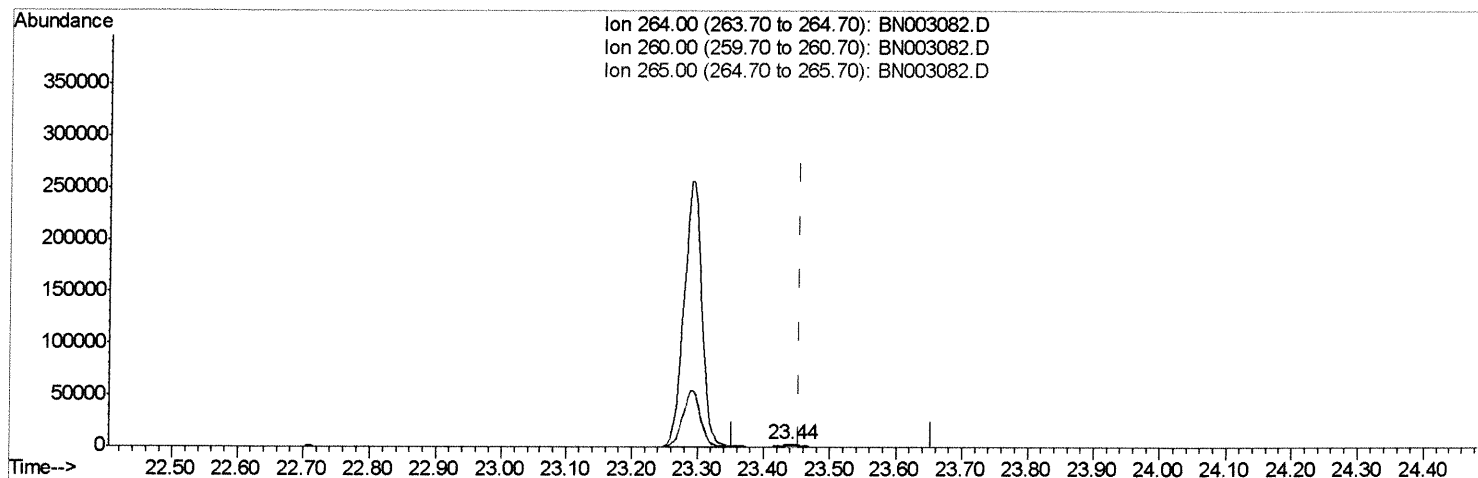
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Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 11 08:34:07 2018
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Response via : Initial Calibration



TIC: BN003082.D

(20) Perylene-d12 (I)

23.441min (-0.012) 0.40ng/ul m

response 4955

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.07
265.00	45.40	33.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1701	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7177	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4262	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	9215m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	7036m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4955m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	4683	0.42	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	10772m	0.41	ng/ul	> 0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.06	178	640m	0.025	ng/ul	77
15) Fluoranthene	19.09	202	1490m	0.049	ng/ul	56
17) Pyrene	19.44	202	1469	0.054	ng/ul#	63
18) Benzo(a)anthracene	21.22	228	672	0.030	ng/ul#	97
19) Chrysene	21.27	228	728	0.032	ng/ul#	21
24) Indeno(1,2,3-cd)pyrene	25.69	276	427	0.023	ng/ul#	
26) Benzo(a,h,i)perylene	26.36	276	434	0.028	ng/ul#	

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