

Quantitation Report (QT Reviewed)

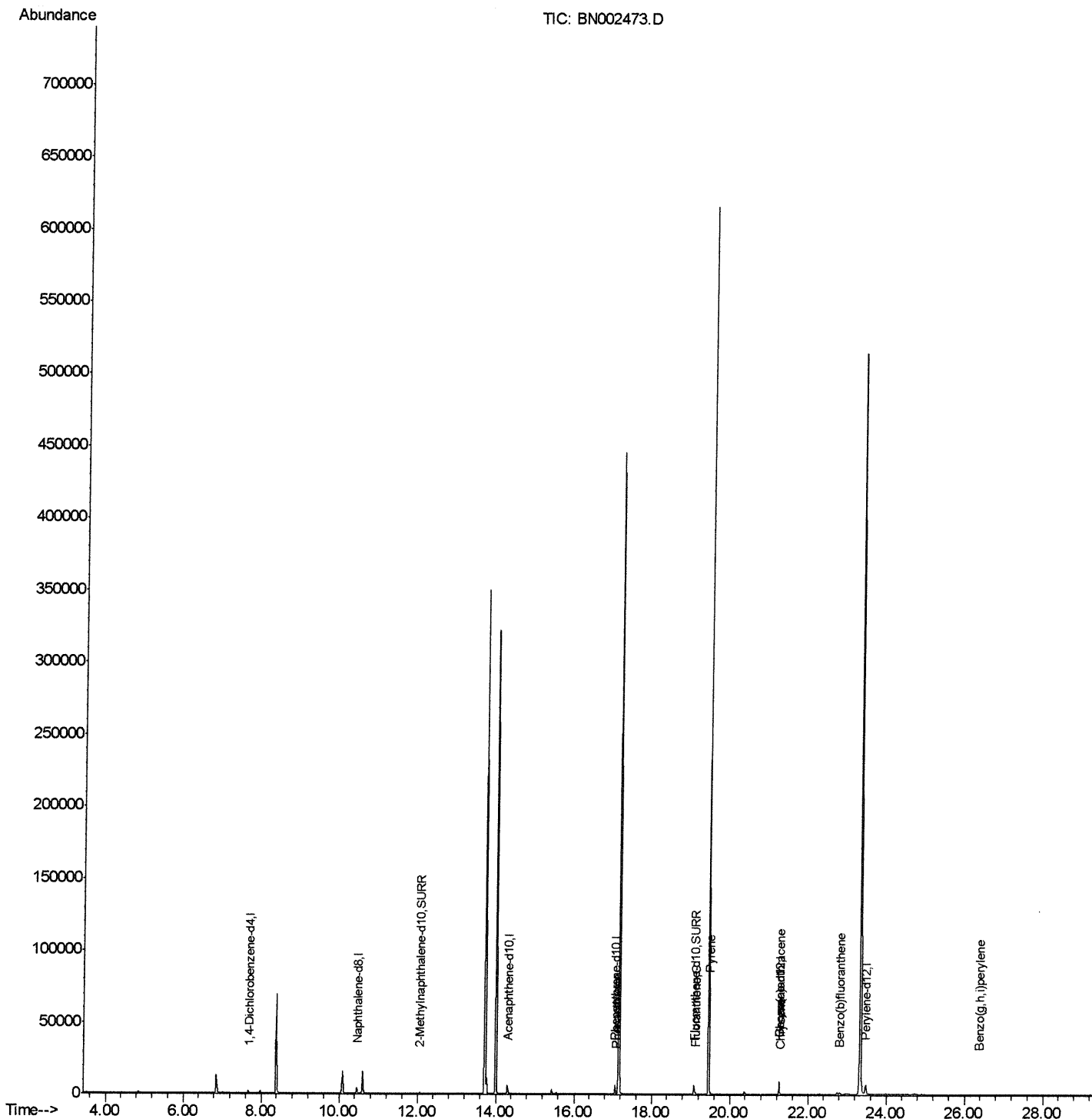
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:32:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

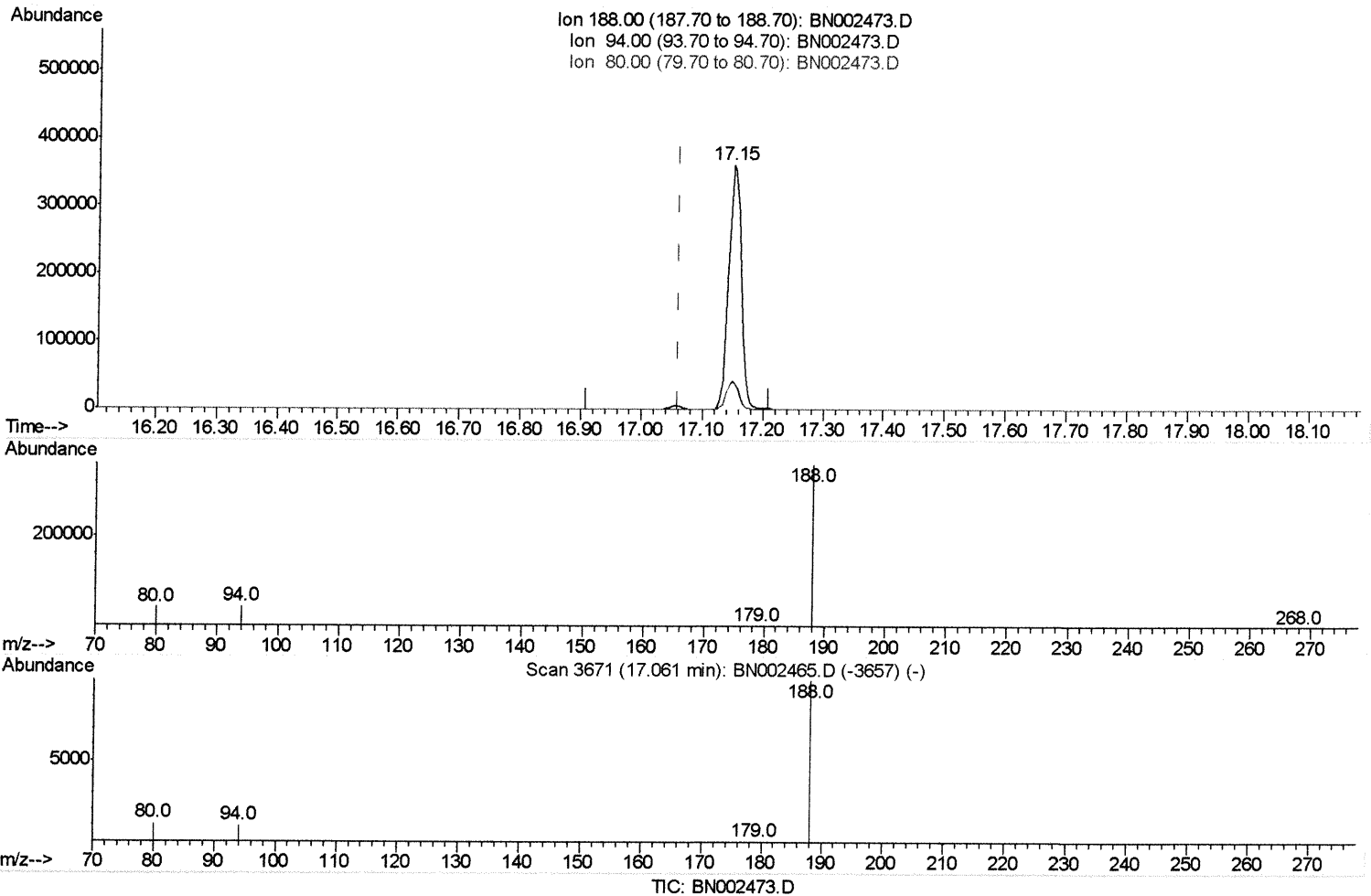
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 00:55:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.150min (+0.089) 0.40ng/ul

response 522142

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.00
80.00	11.80	11.44
0.00	0.00	0.00

Quantitation Report (Qedit)

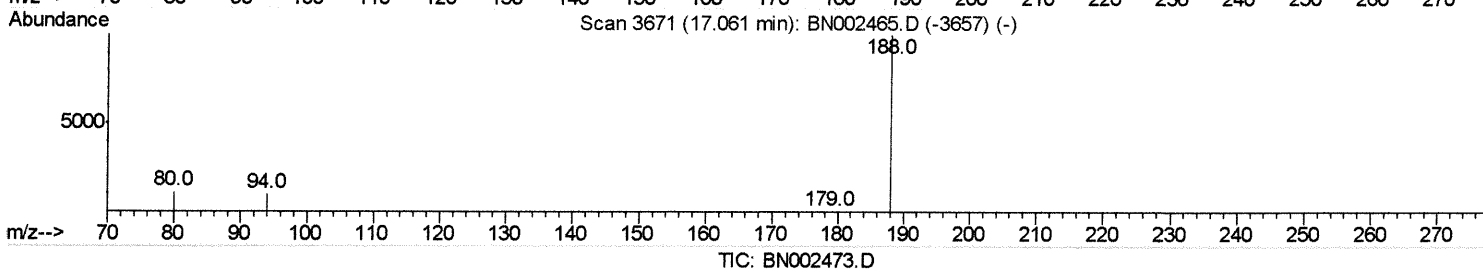
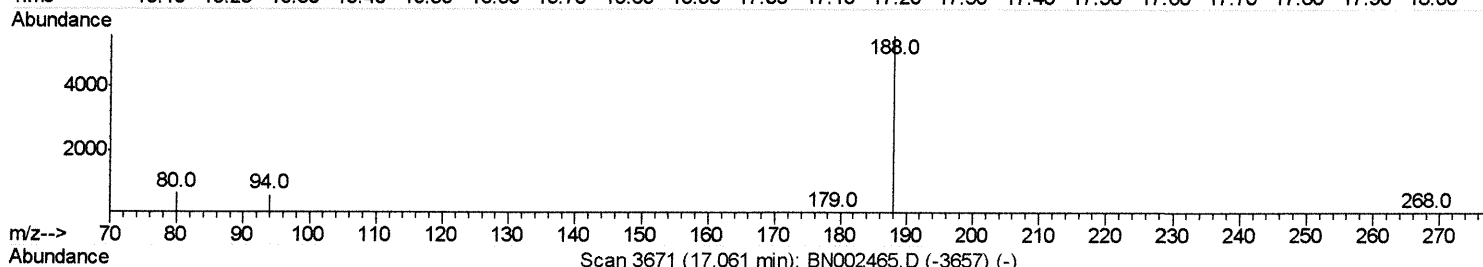
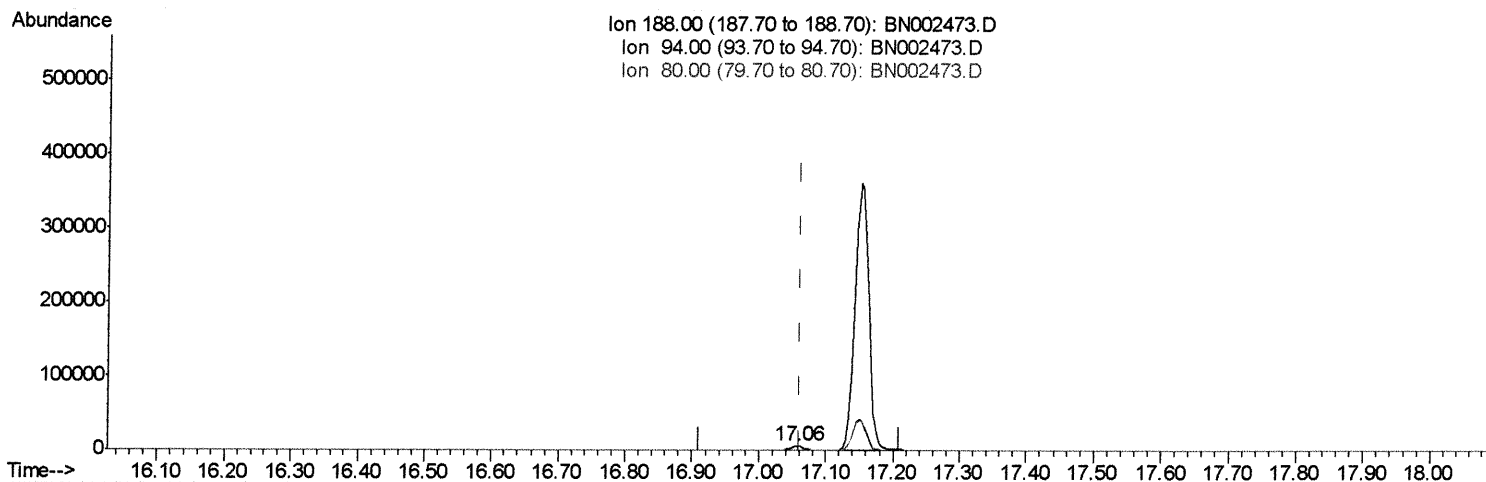
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 00:55:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.057min (-0.004) 0.40ng/ul m SJ 8/27/18

response 7964

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.57
80.00	11.80	11.64
0.00	0.00	0.00

Quantitation Report (Qedit)

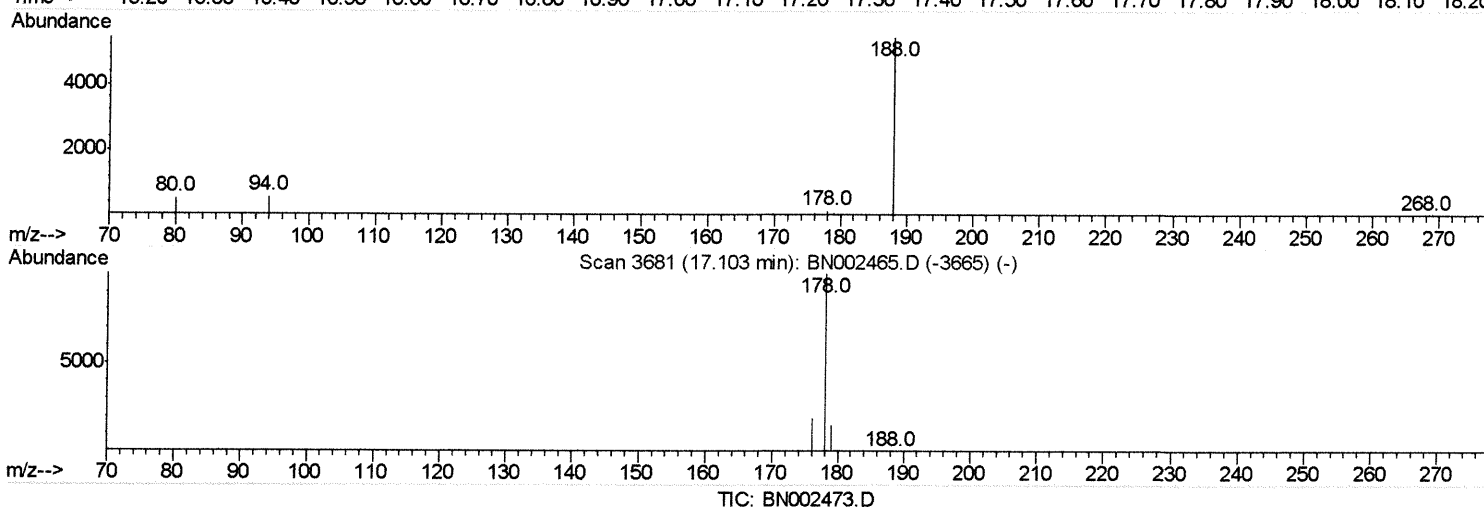
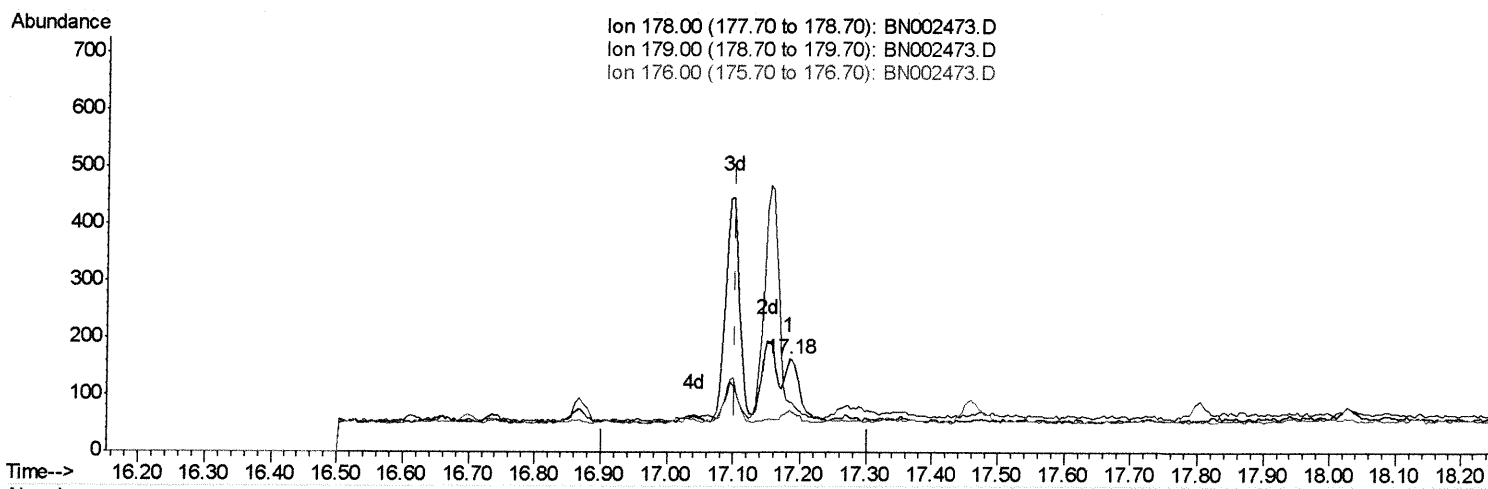
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.183min (+0.080) 0.01ng/ul

response 174

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	53.99#
176.00	17.00	46.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

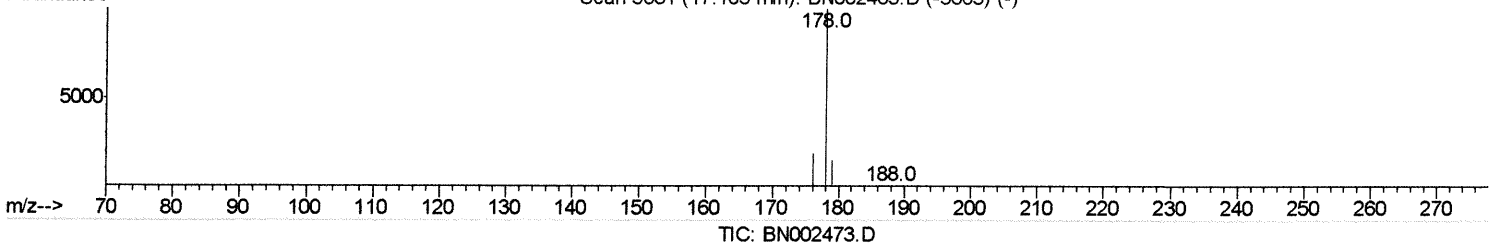
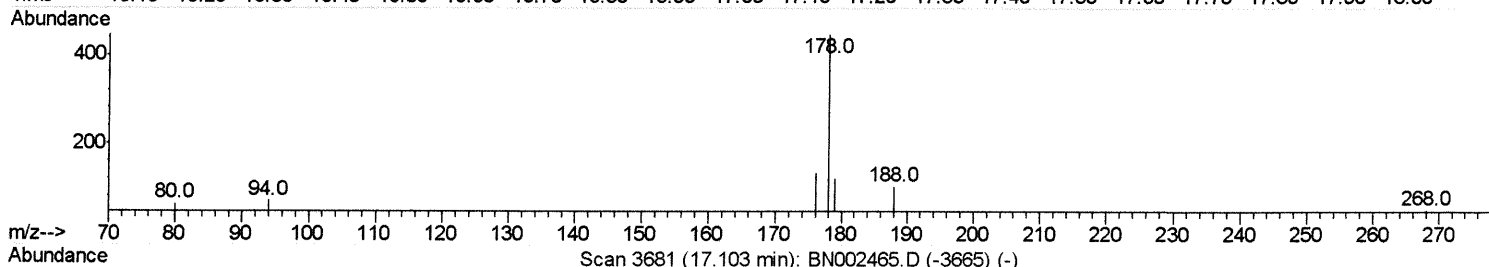
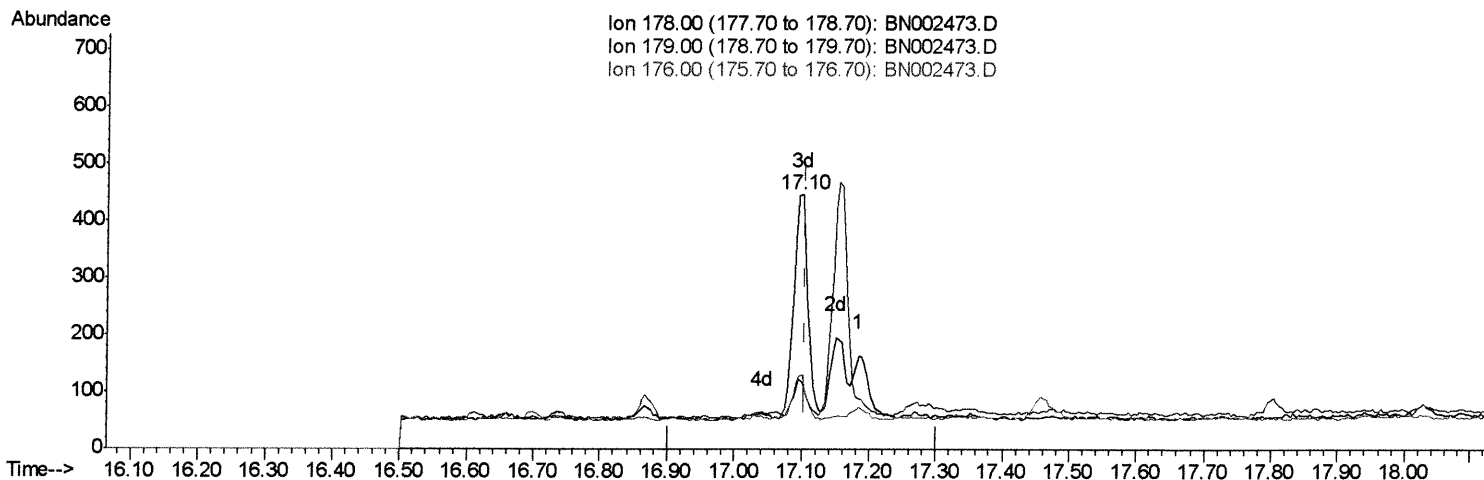
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.099min (-0.004) 0.02ng/ul m SJ 8/27/18

response 579

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	26.46
176.00	17.00	29.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

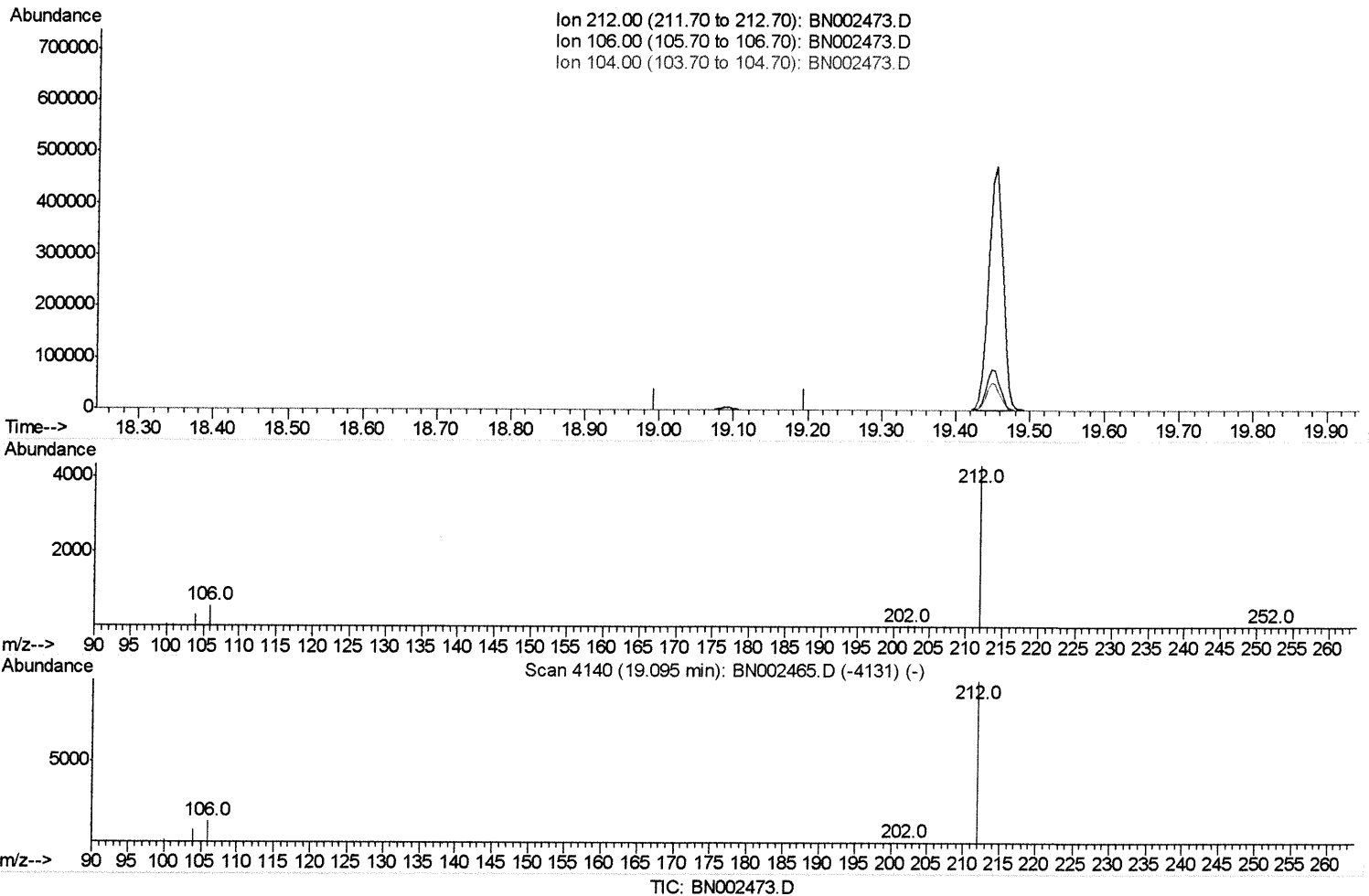
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.095min (-19.095) 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)

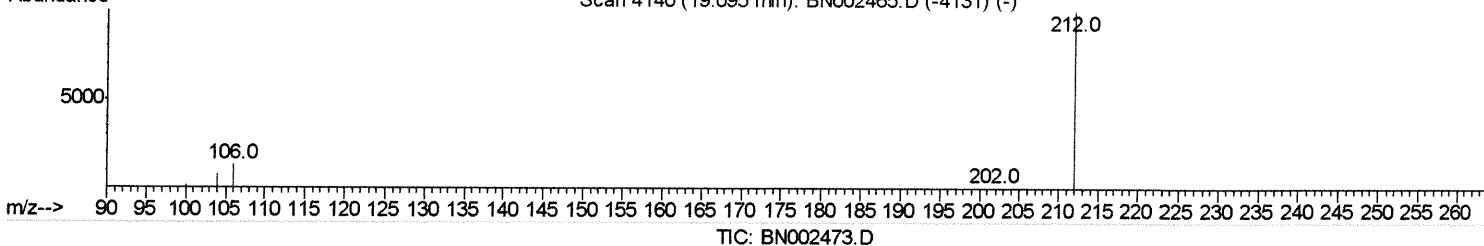
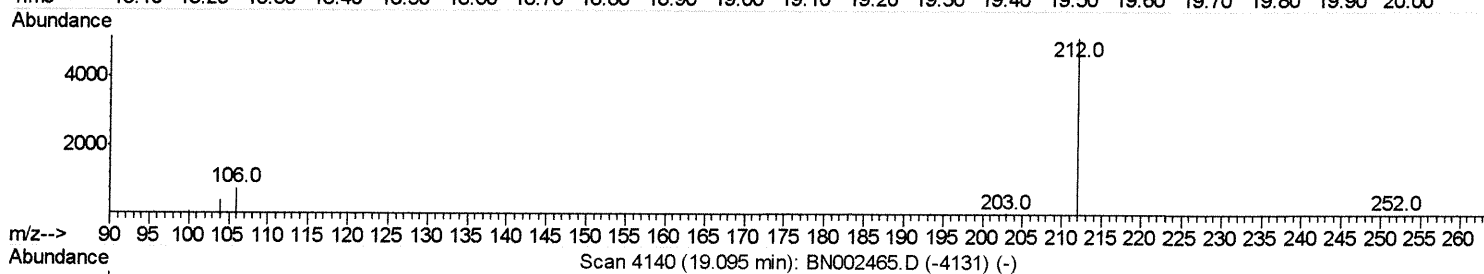
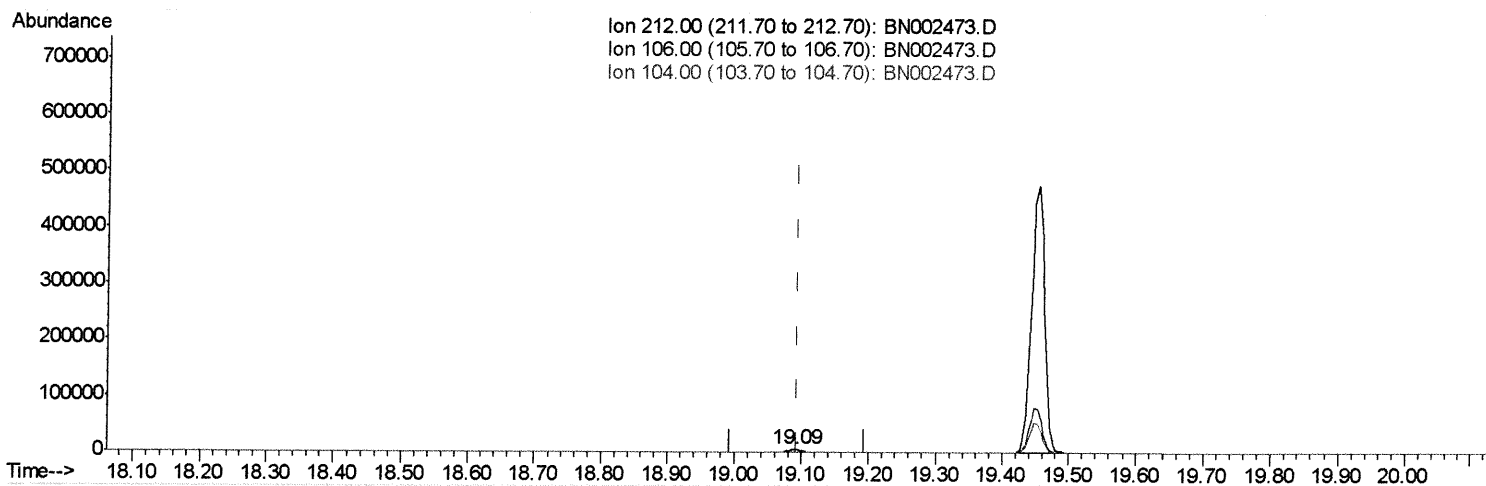
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.090min (-0.004) 0.30ng/ul m

SJ 8/27/18

response 7027

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)

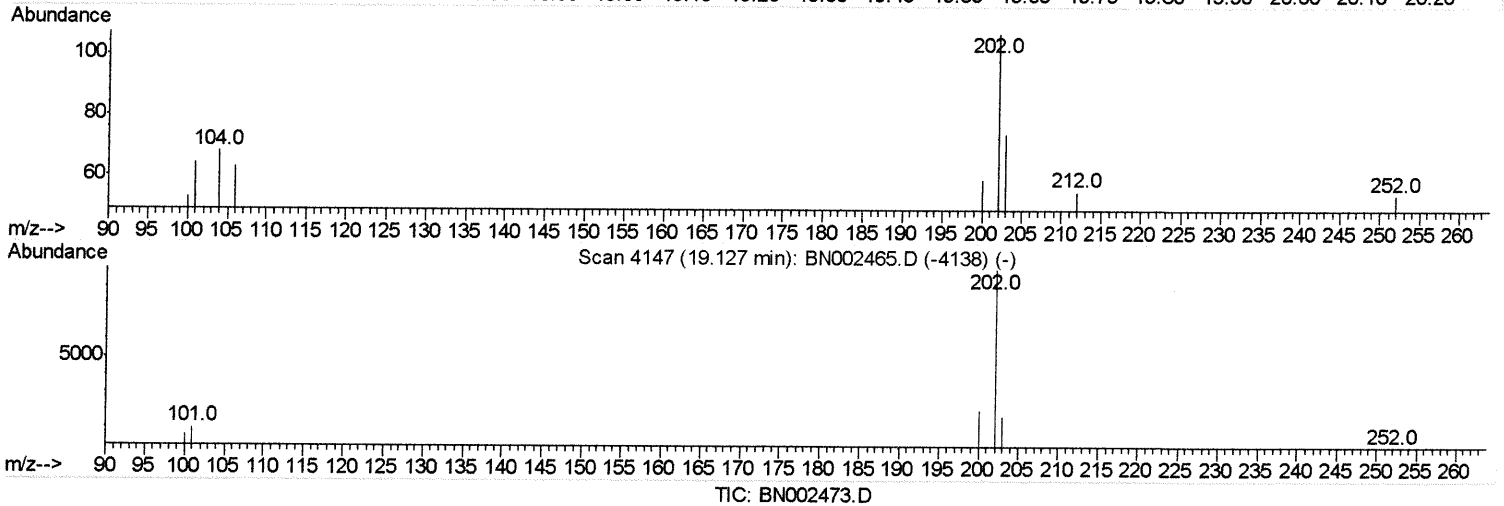
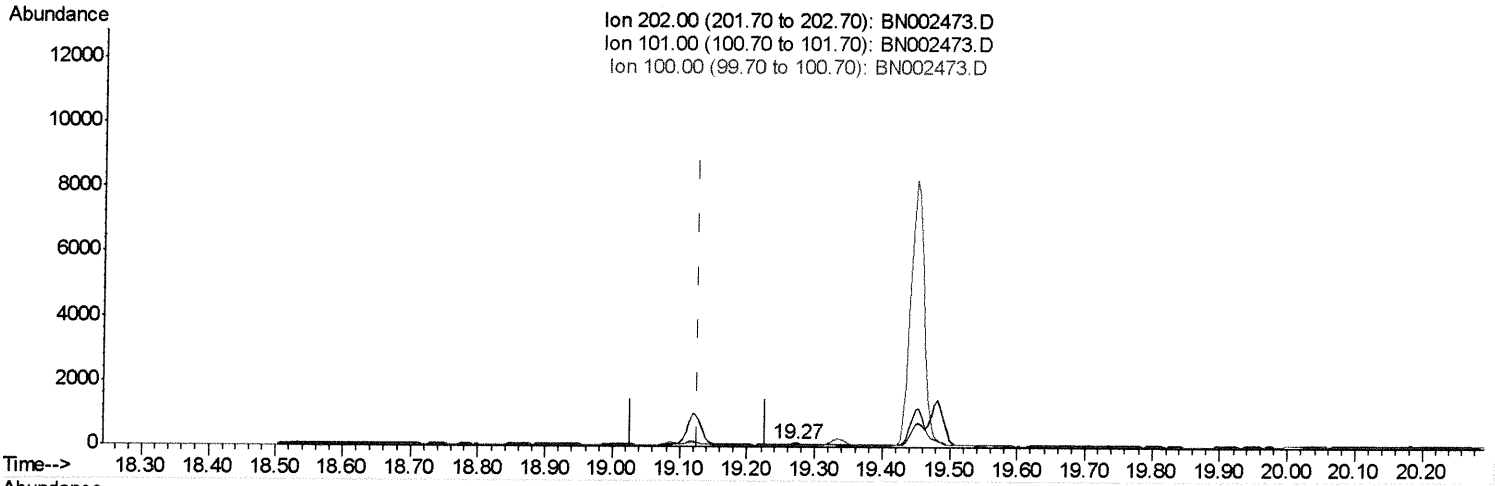
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.272min (+0.144) 0.00ng/ui

response 72

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	59.81#
100.00	10.00	49.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

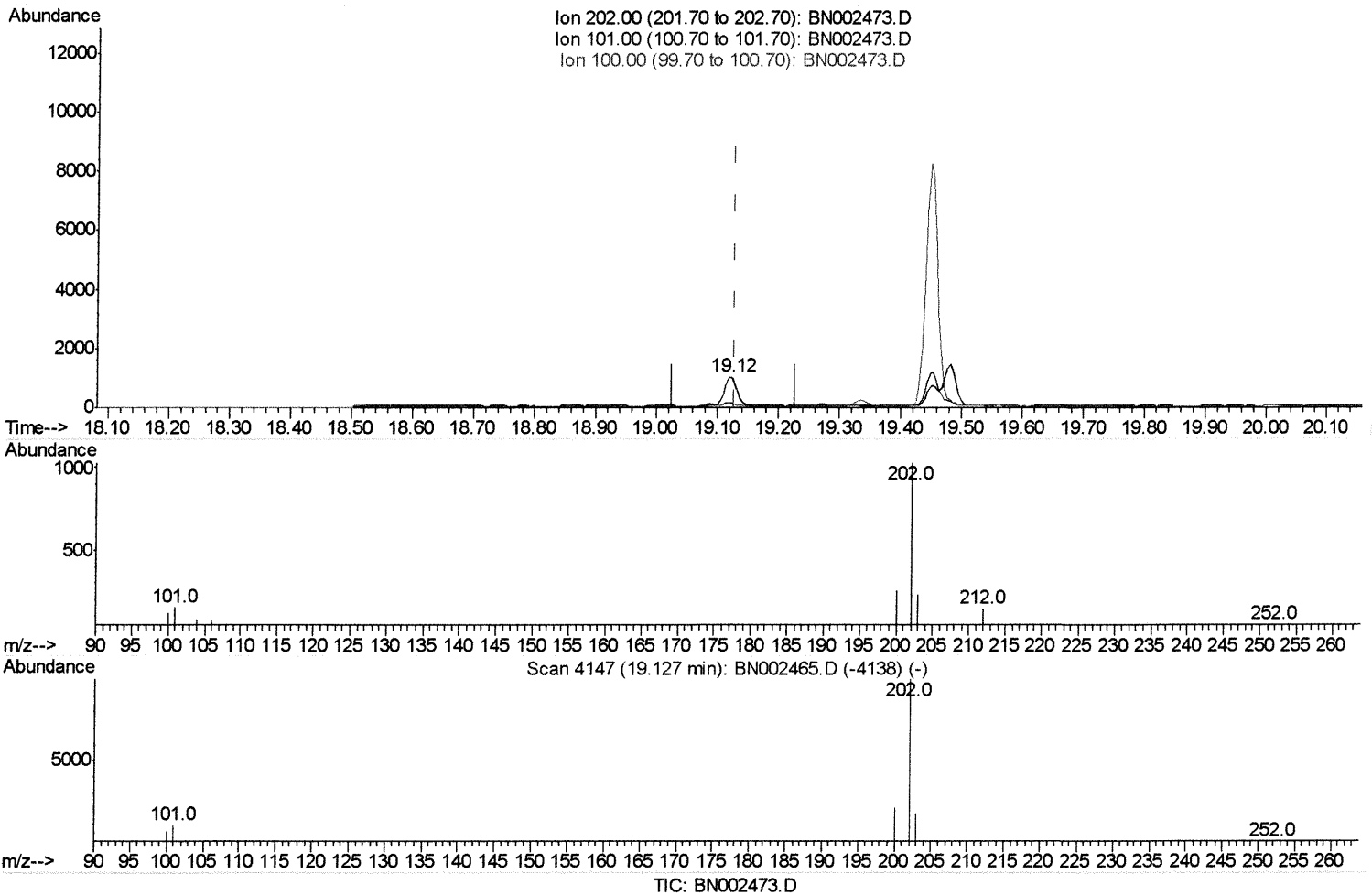
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.123min (-0.004) 0.05ng/ul m SJ 8/27/18

response 1439

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	15.00
100.00	10.00	12.07
0.00	0.00	0.00

Quantitation Report (Qedit)

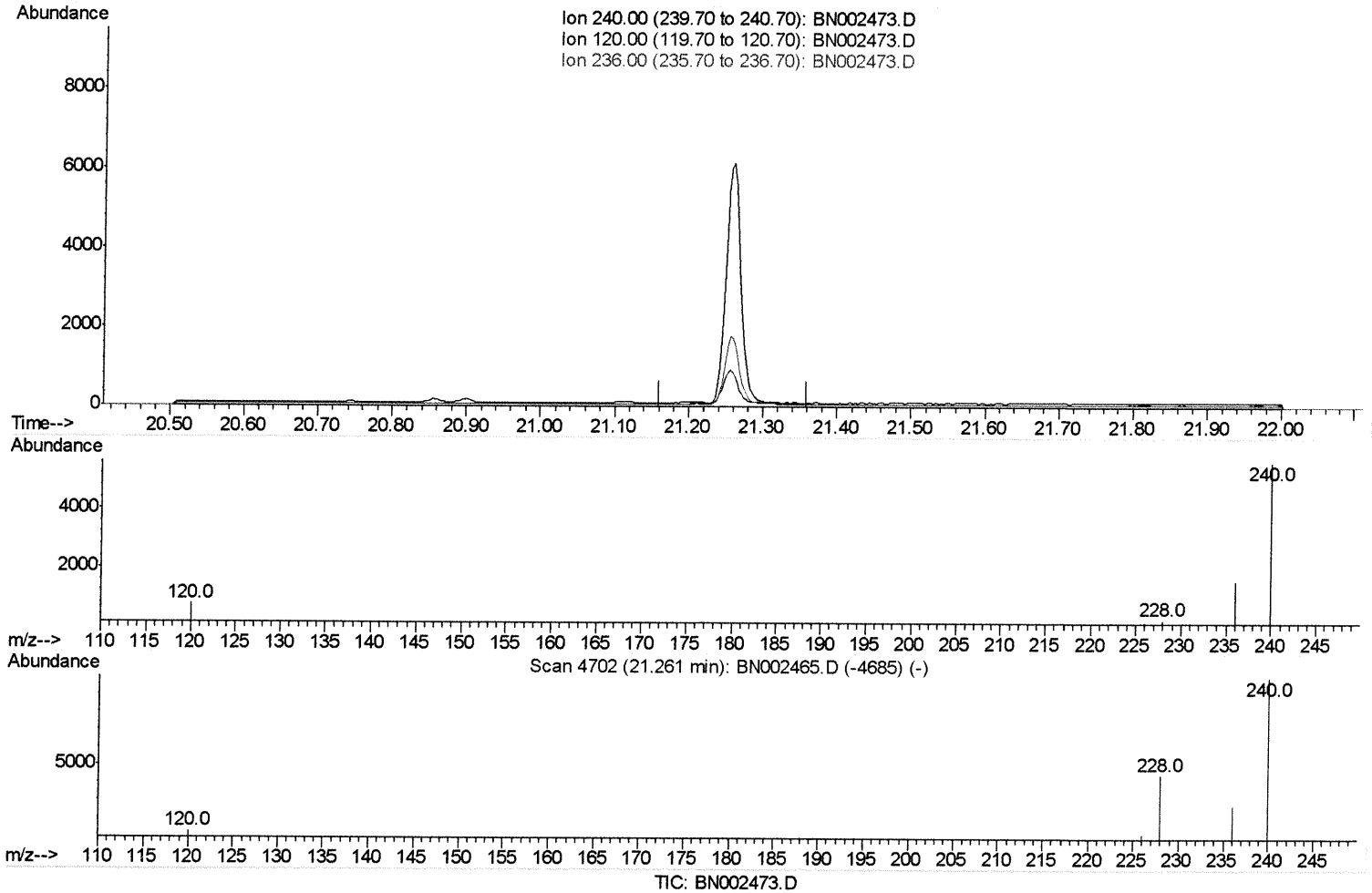
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.261min (-21.261) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

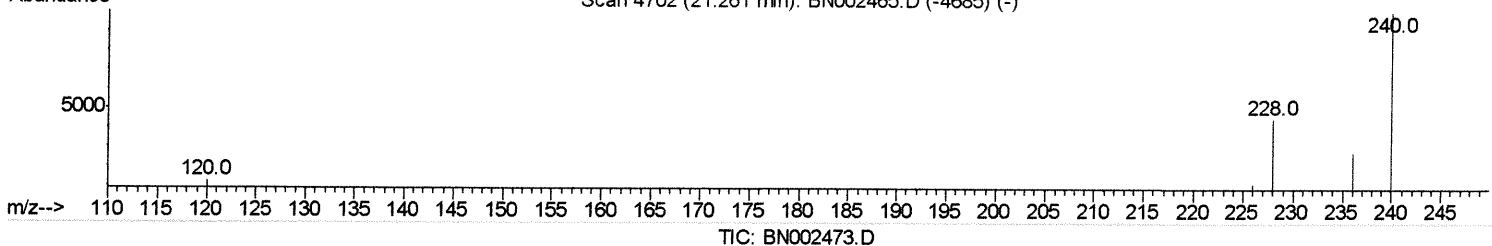
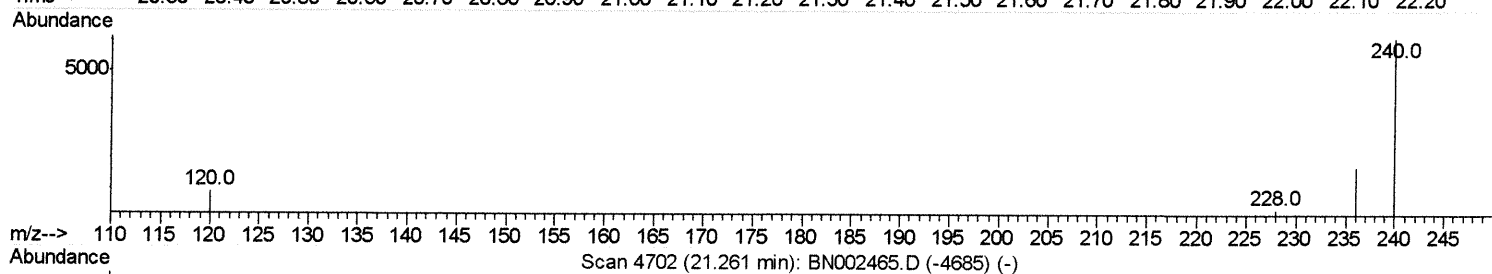
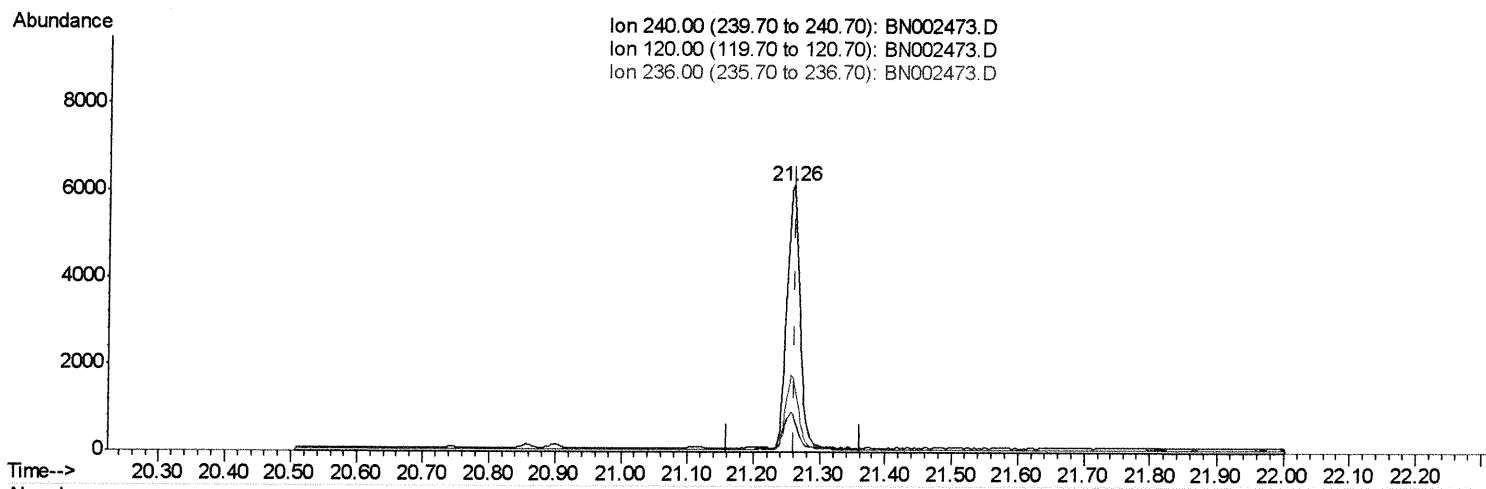
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.258min (-0.003) 0.40ng/ul m *SJ 8/27/18*

response 8389

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.05#
236.00	34.90	28.32
0.00	0.00	0.00

Quantitation Report (Qedit)

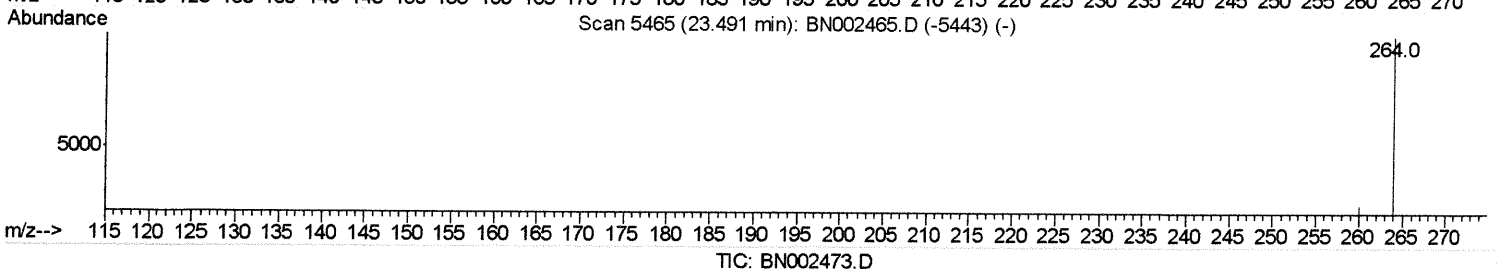
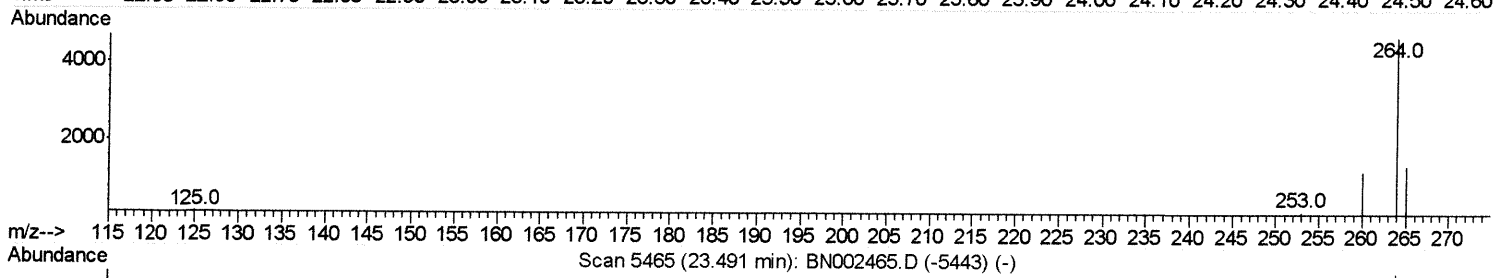
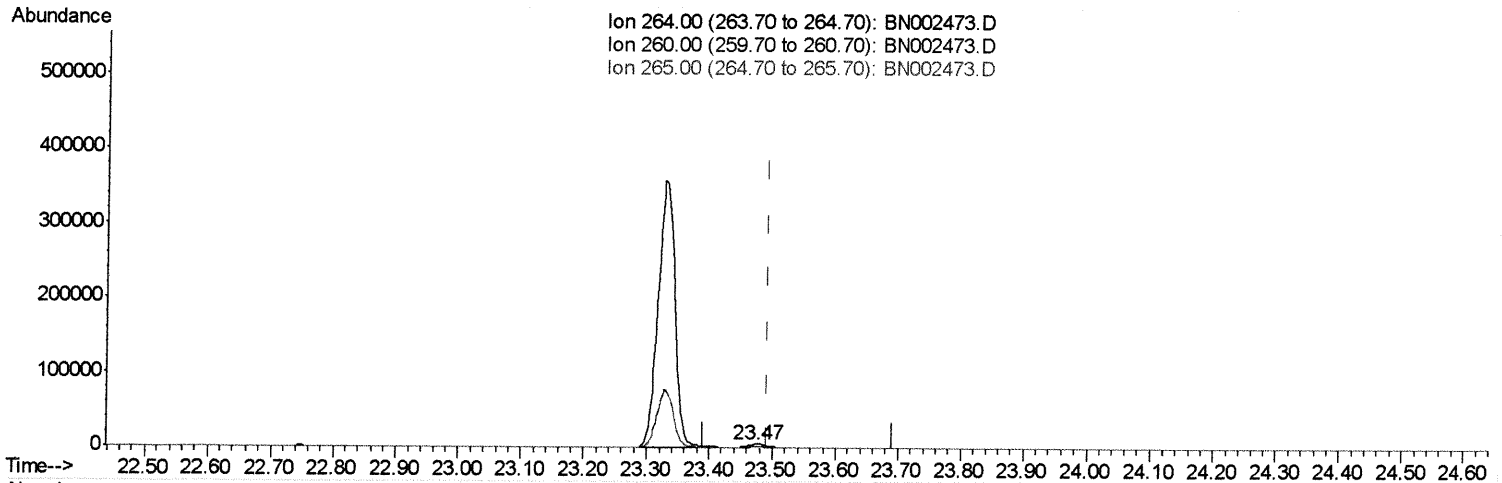
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:28:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.474min (-0.017) 0.40ng/ul

response 10184

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.03
265.00	103.50	29.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

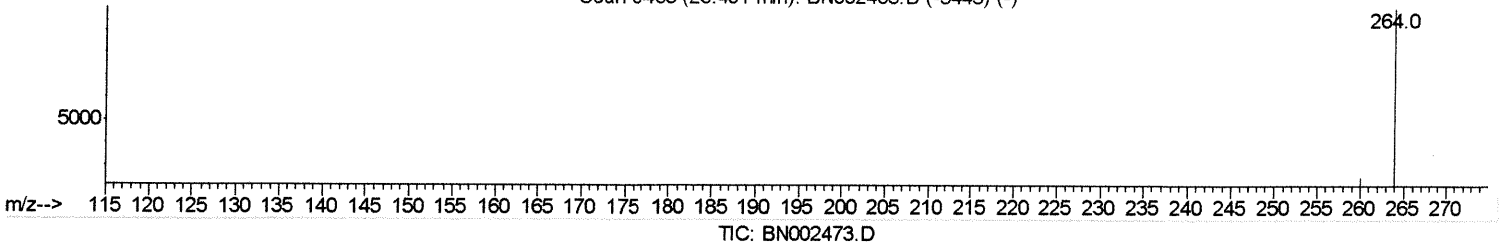
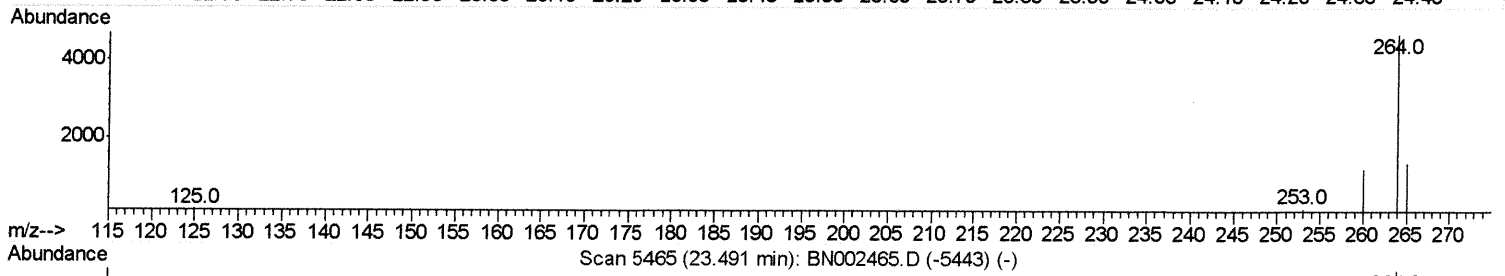
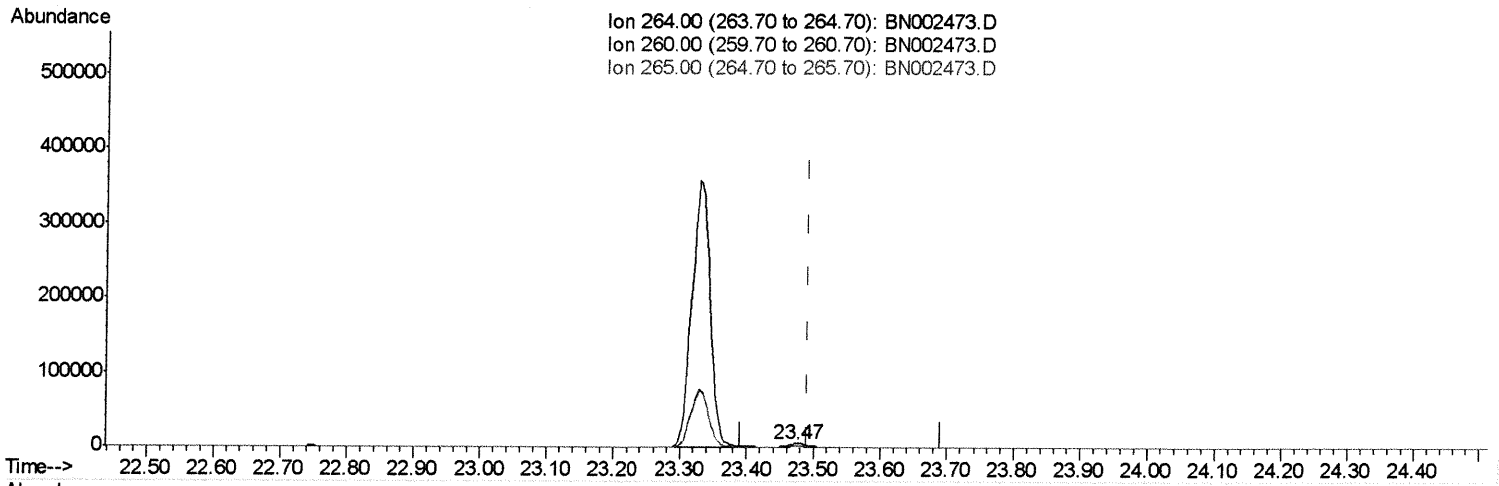
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:28:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.474min (-0.017) 0.40ng/ul m

SJ 8/27/18

response 7794

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.03
265.00	103.50	29.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

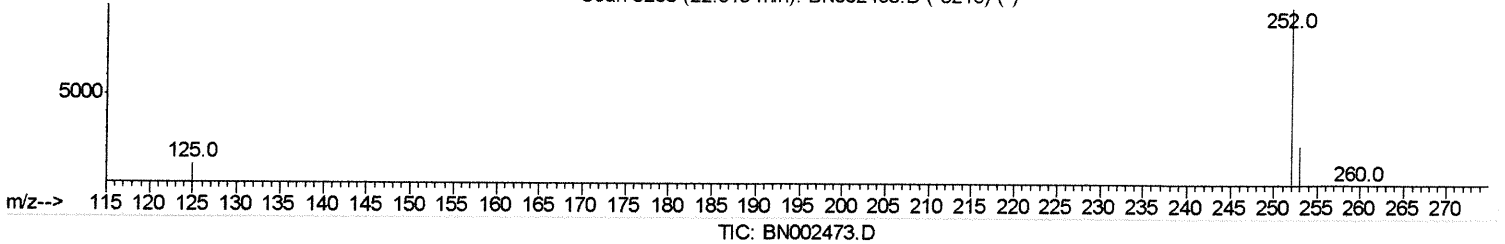
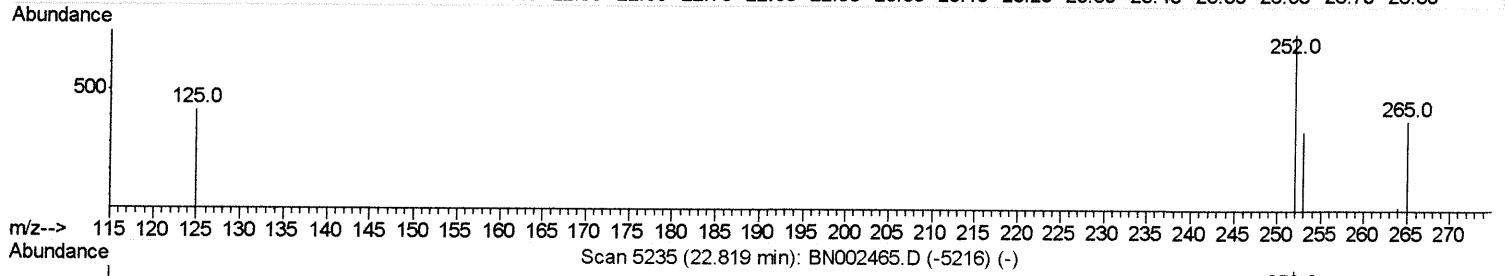
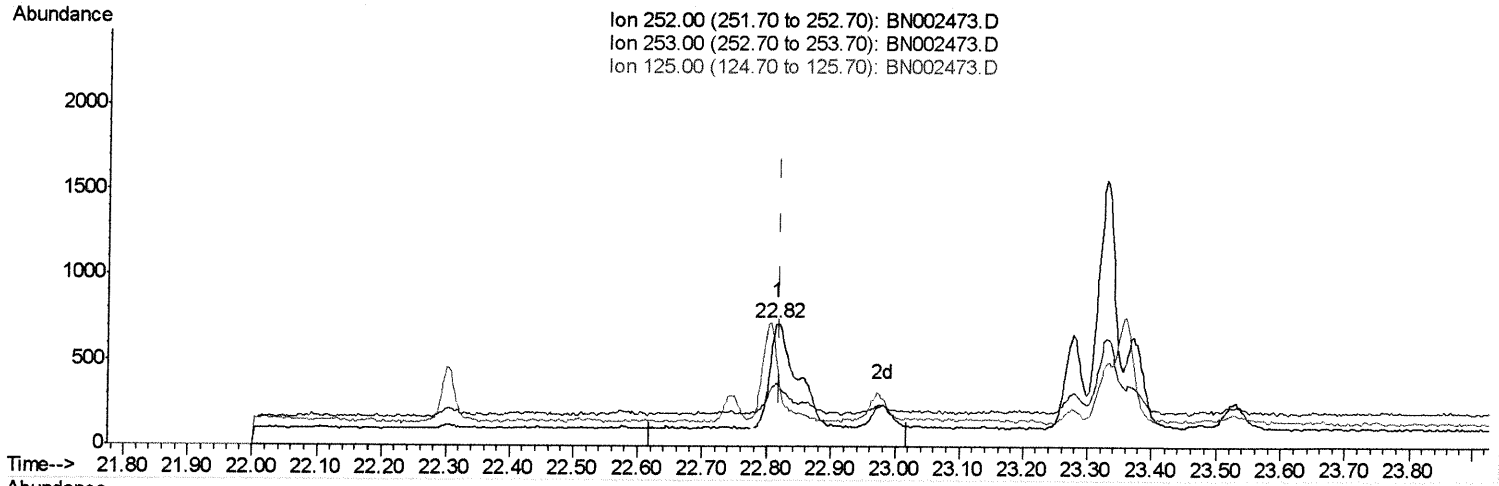
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:28:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.816min (-0.003) 0.07ng/ui
 response 1853

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	49.03
125.00	17.50	59.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

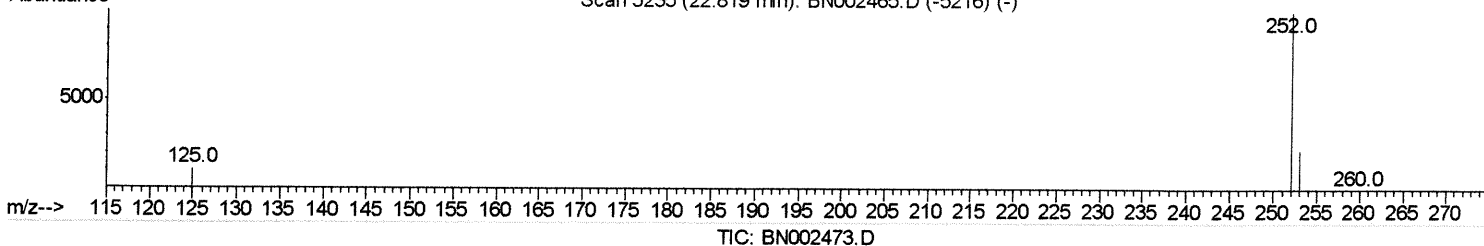
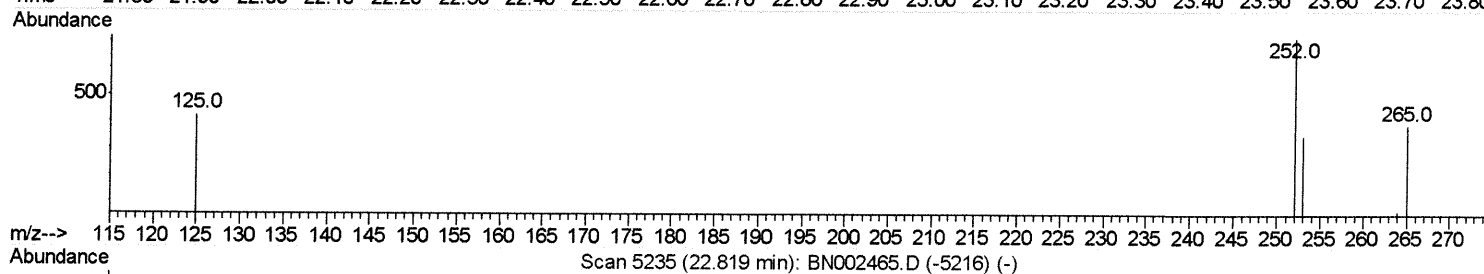
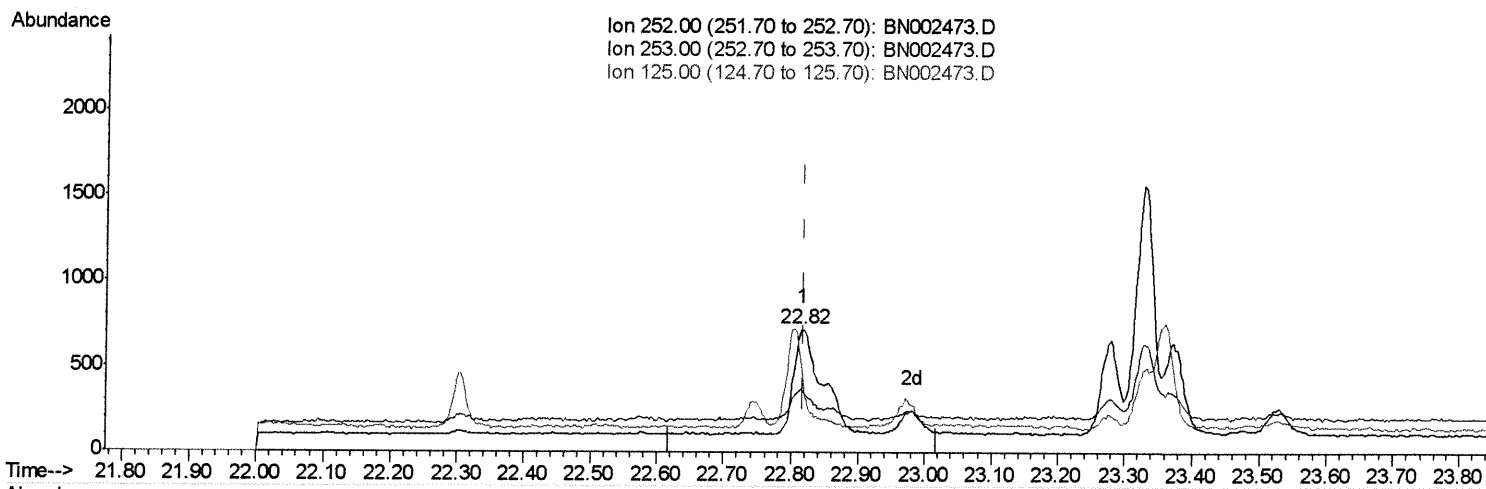
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:28:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.816min (-0.003) 0.04ng/ul m SJ 8/27/18

response 1299

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	49.03
125.00	17.50	59.17#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002473.D
 Acq On : 23 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4421-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:45 PM

Quant Time: Aug 24 01:32:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1359	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	5771	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	3365	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	7964m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	8389m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10184	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	2358	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7027m	0.30	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.10	178	579m	0.025	ng/ul	
15) Fluoranthene	19.12	202	1439m	0.052	ng/ul	
17) Pvrene	19.48	202	1937	0.068	ng/ul#	91
18) Benzo(a)anthracene	21.25	228	709	0.028	ng/ul#	80
19) Chrysene	21.30	228	991	0.035	ng/ul#	89
21) Benzo(b)fluoranthene	22.82	252	1299m	0.036	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	869	0.028	ng/ul#	80

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