

Quantitation Report (QT Reviewed)

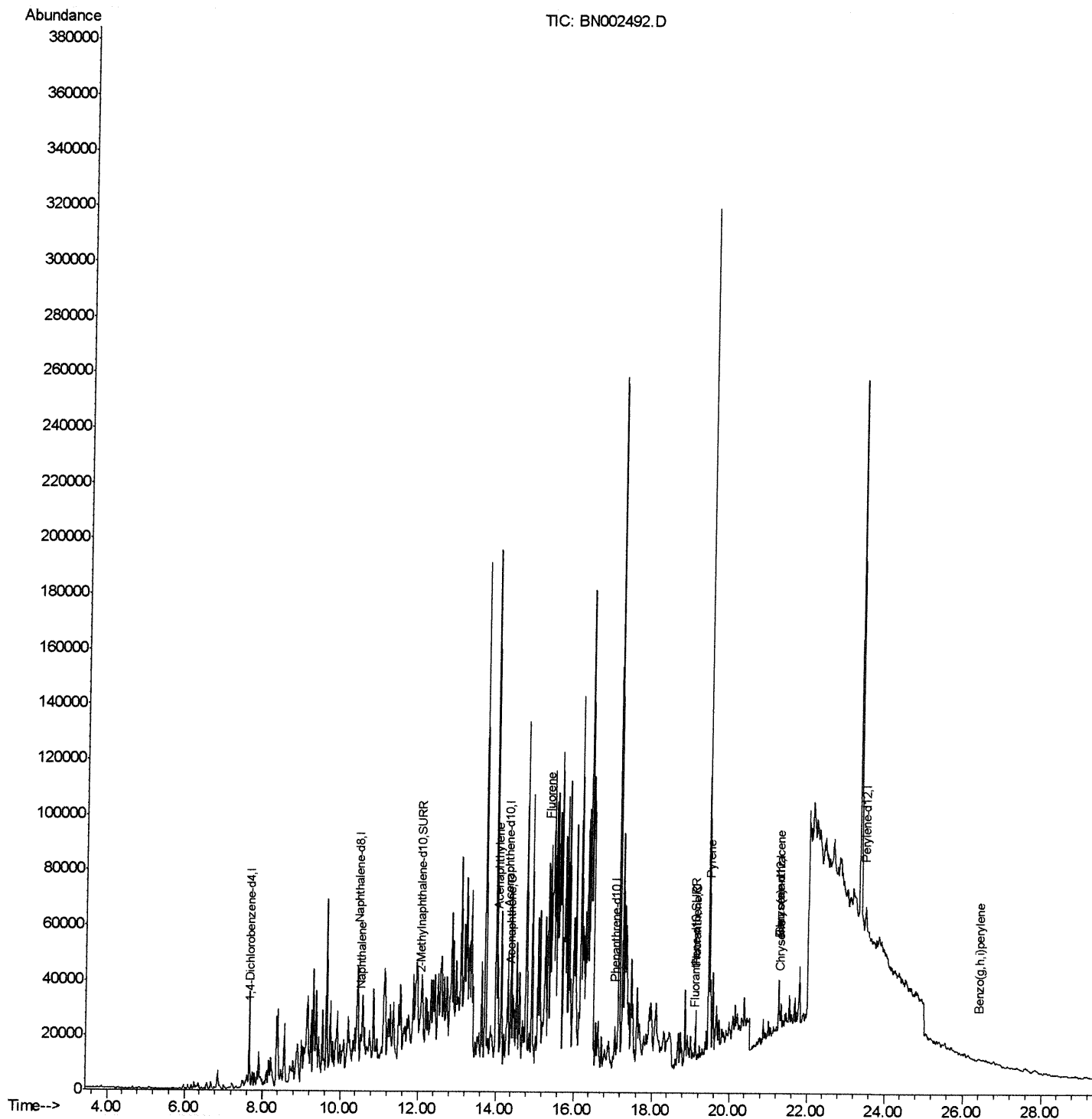
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
 Data File : BN002492.D
 Acq On : 24 Aug 2018 06:42
 Operator : JU/SJ
 Sample : J4424-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z61

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:38:21 PM

Quant Time: Aug 24 13:15:01 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 02:20:09 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

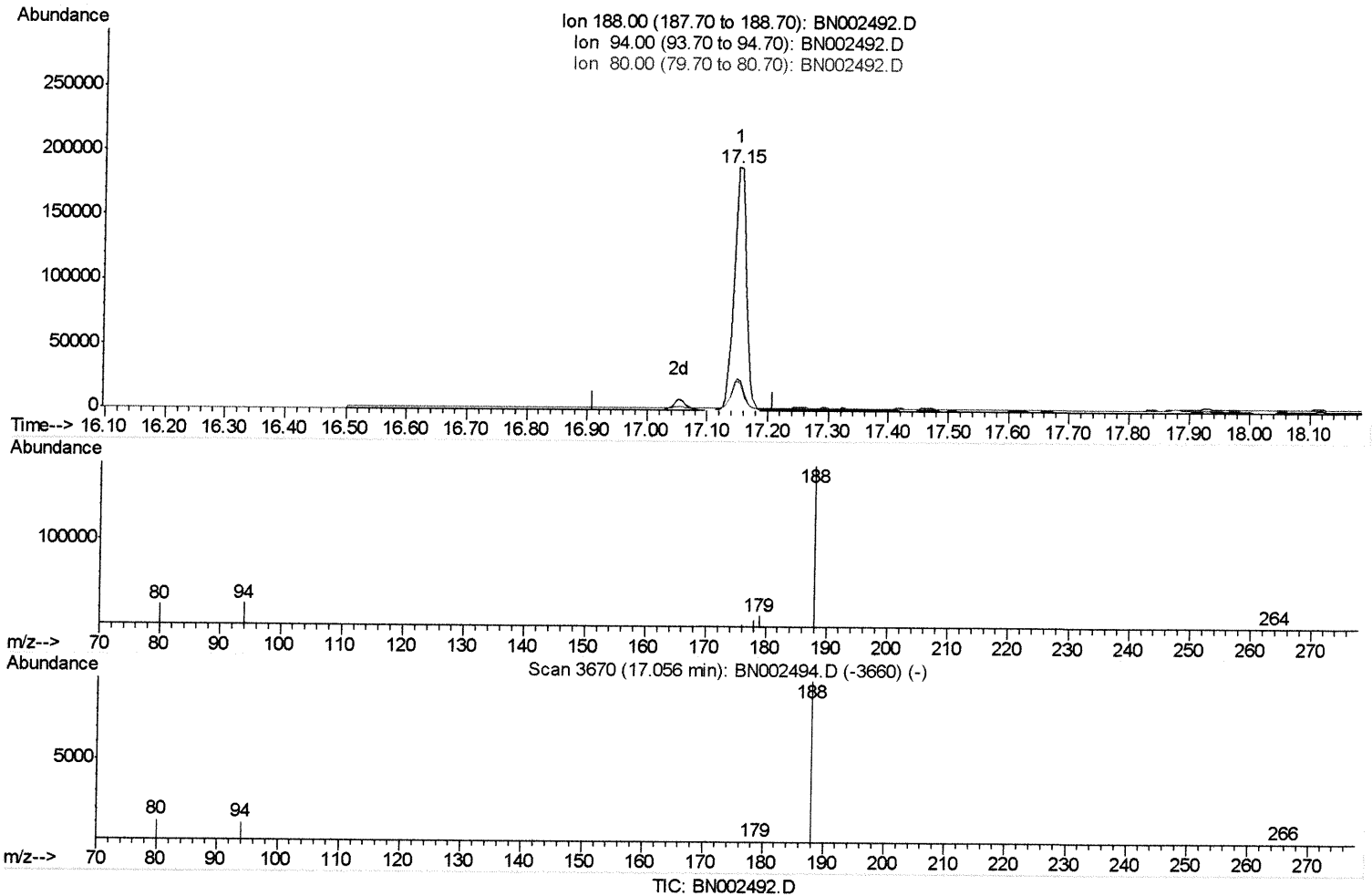
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
Data File : BN002492.D
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Manual Integrations
APPROVED

Sohil
8/24/2018 5:38:21 PM

Quant Time: Aug 24 13:04:53 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 02:20:09 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.149min (+0.089) 0.40ng/ul
response 268652

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.02
80.00	11.80	12.23
0.00	0.00	0.00

Quantitation Report (Qedit)

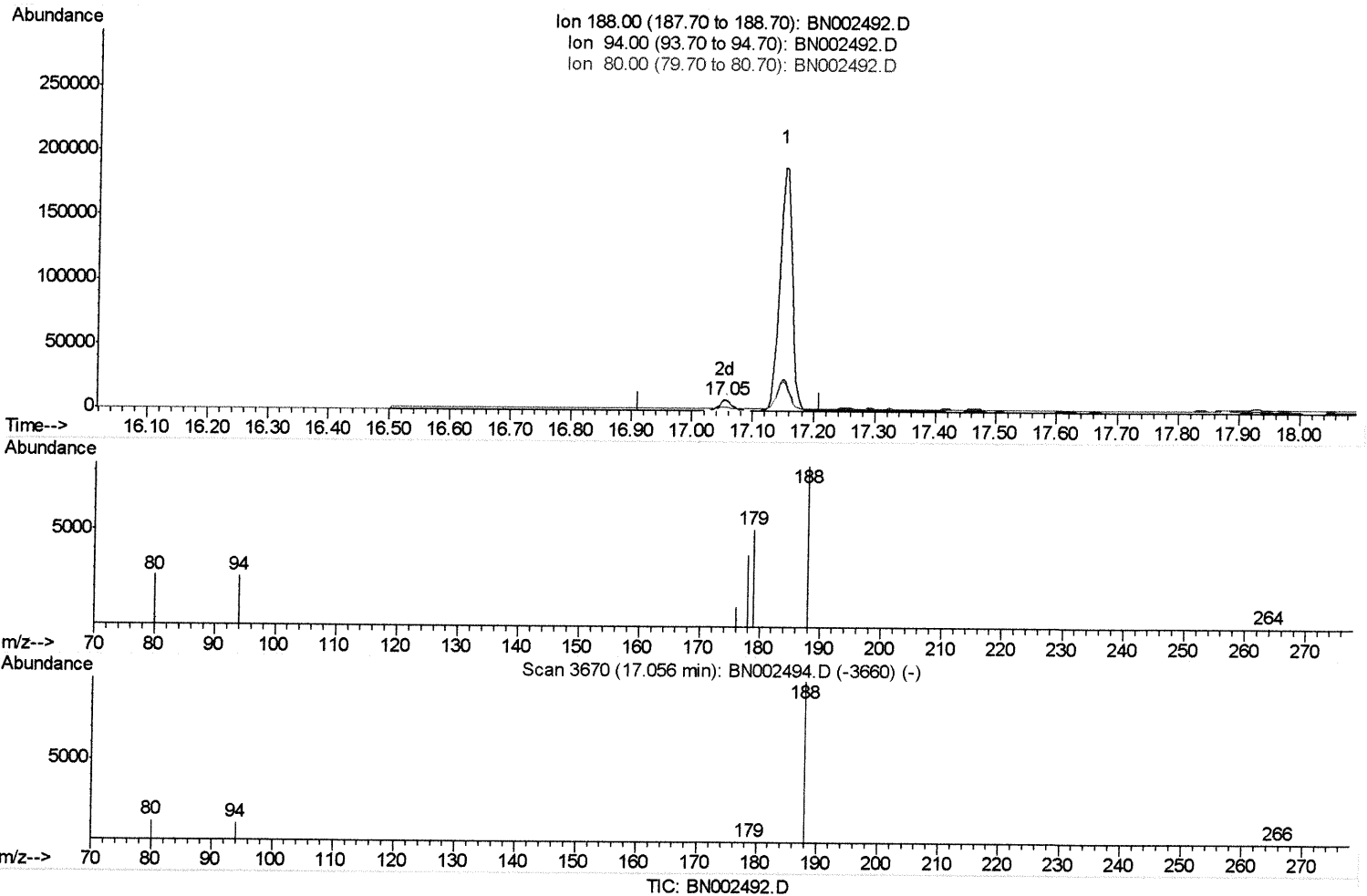
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
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(10) Phenanthrene-d10 (I)

17.052min (-0.008) 0.40ng/ul m

SJ 8/27/18

response 11464

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	31.00#
80.00	11.80	31.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

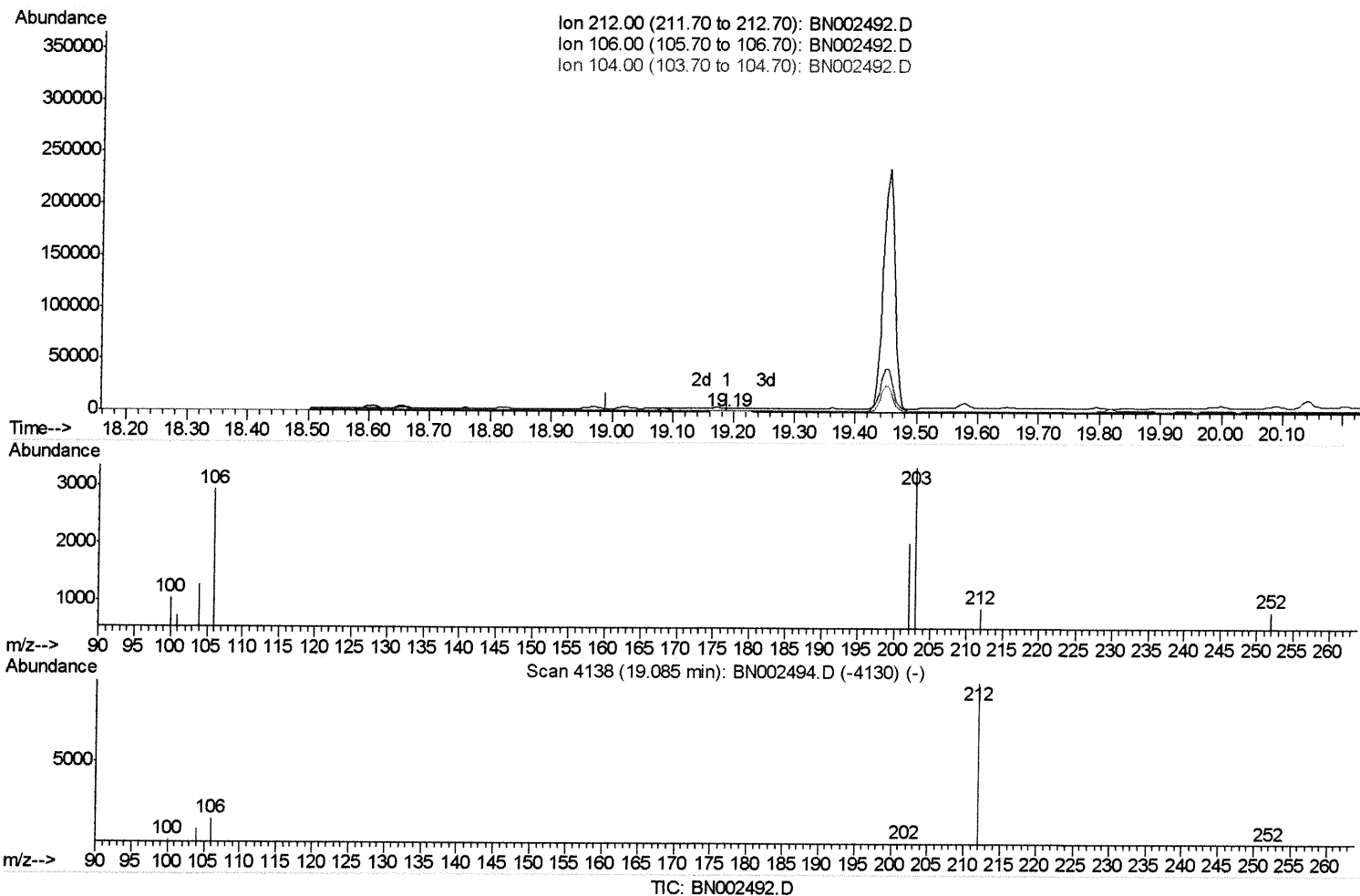
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(14) Fluoranthene-d10 (SURR)

19.188min (+0.098) 0.03ng/ul

response 880

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	188.64#
104.00	15.60	89.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

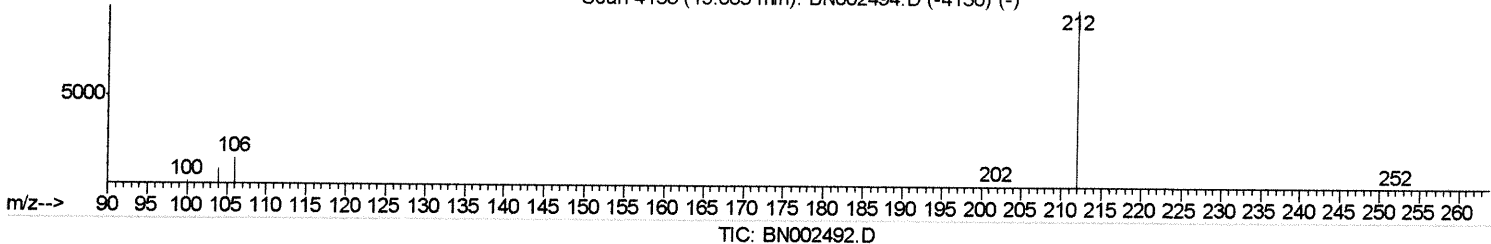
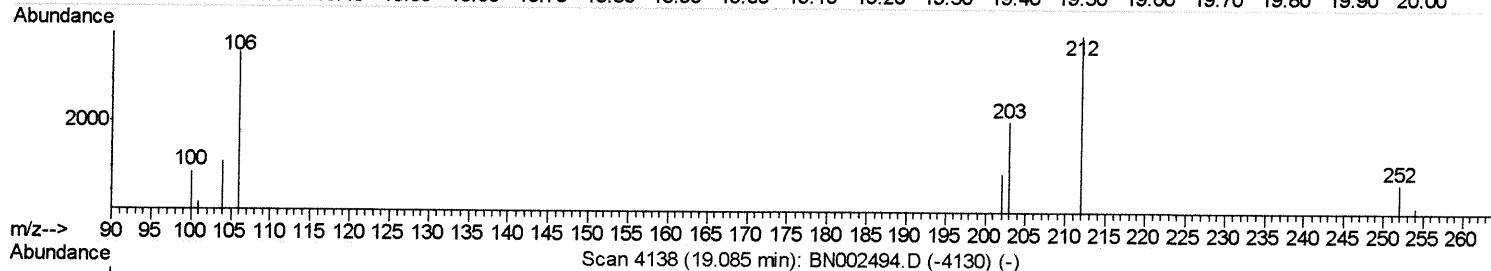
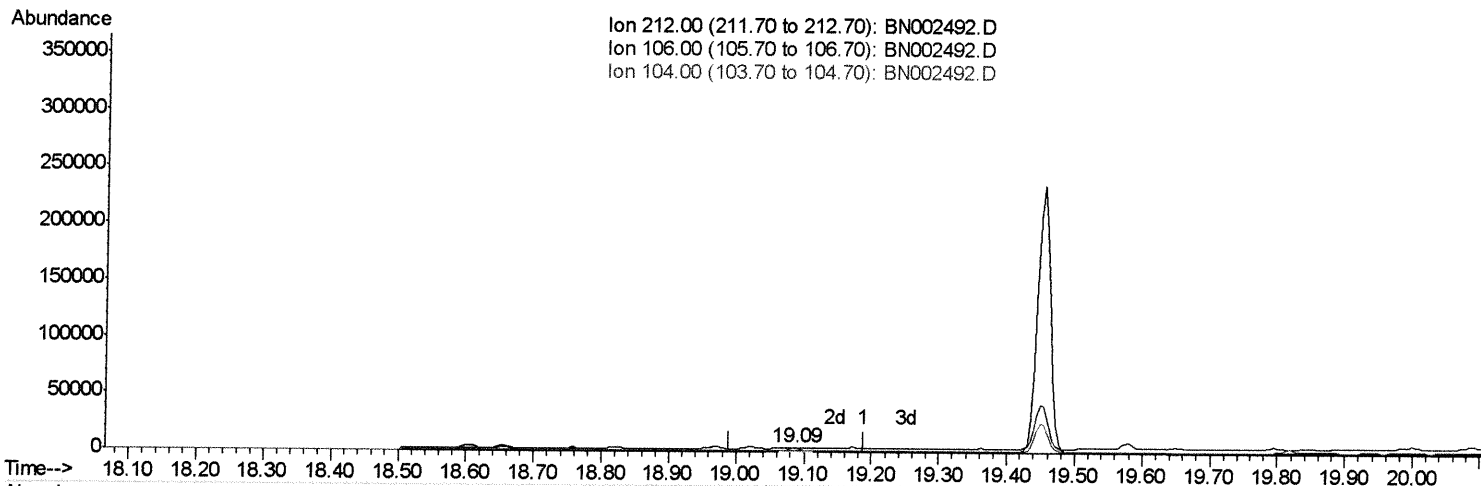
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(14) Fluoranthene-d10 (SURR)

19.086min (-0.005) 0.13ng/ul m

SJ 8/27/18

response 4371

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	37.98#
104.00	15.60	18.05
0.00	0.00	0.00

Quantitation Report (Qedit)

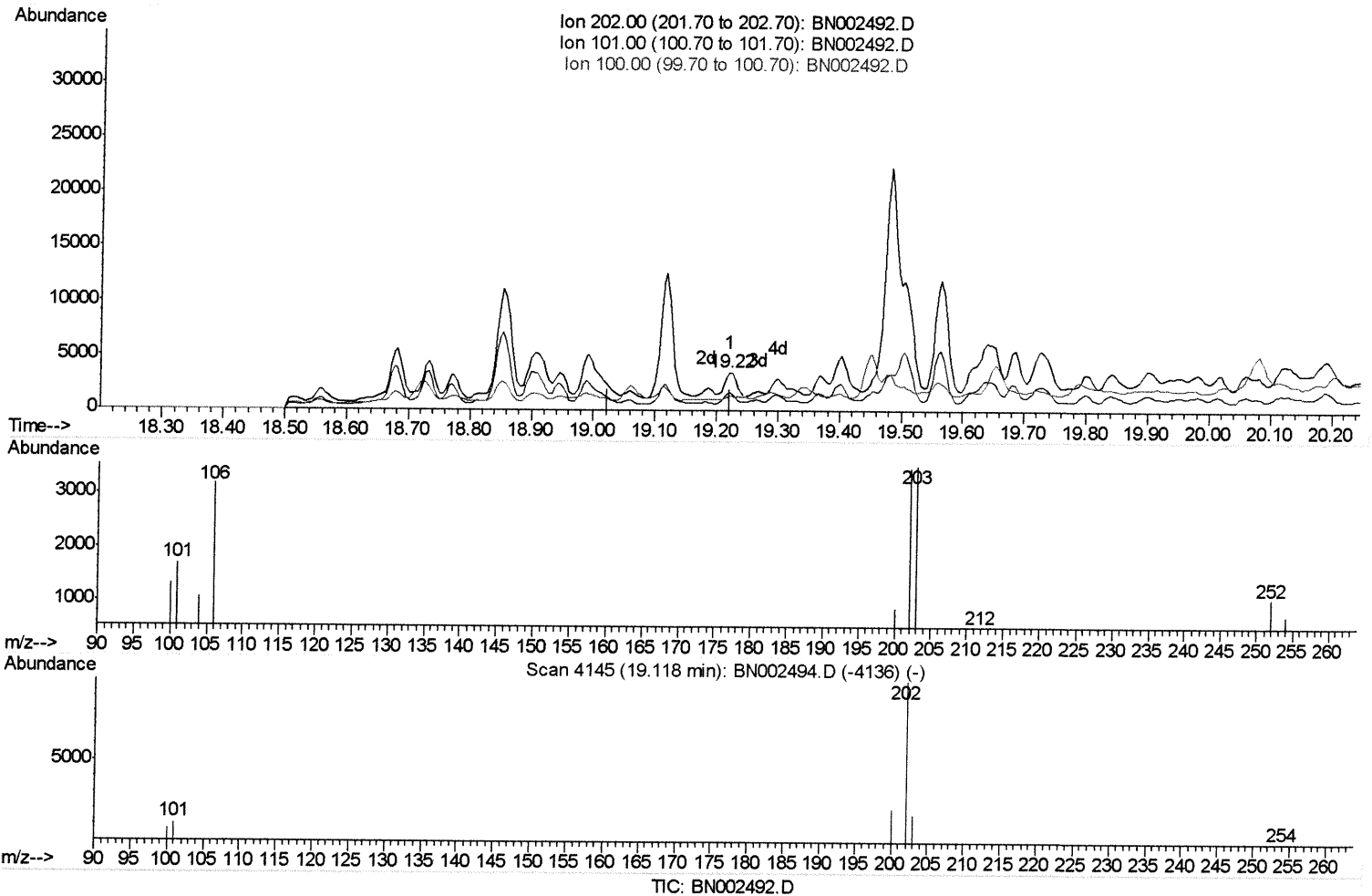
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
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(15) Fluoranthene (C)

19.220min (+0.098) 0.07ng/ul

response 2733

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	48.48#
100.00	10.00	37.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

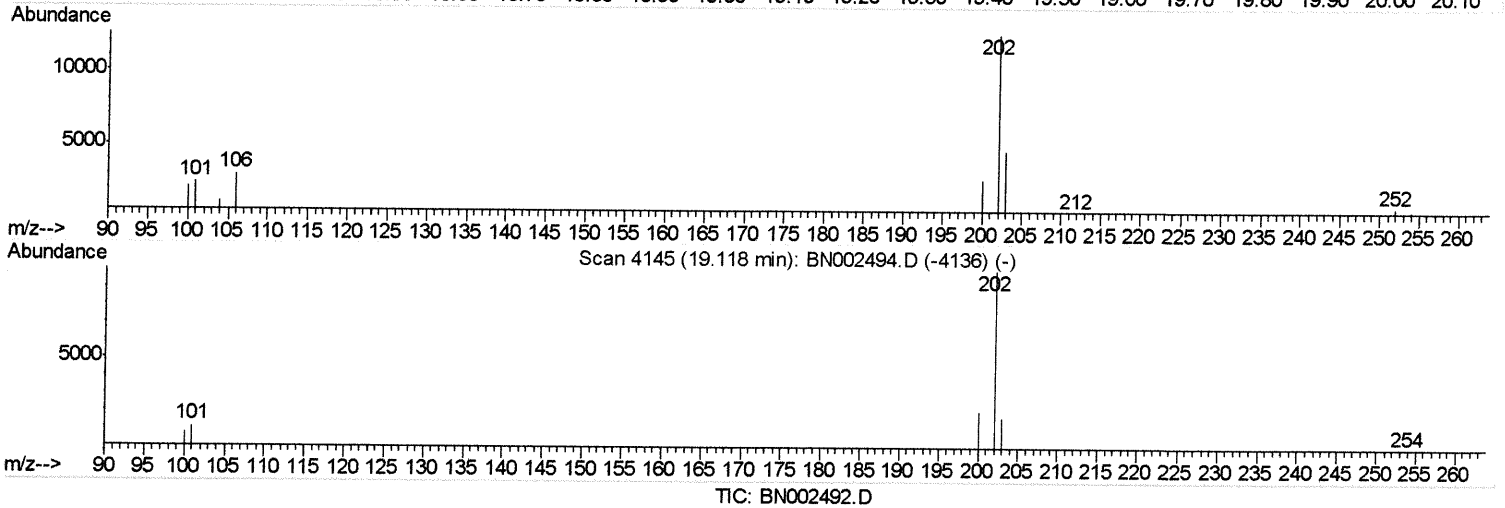
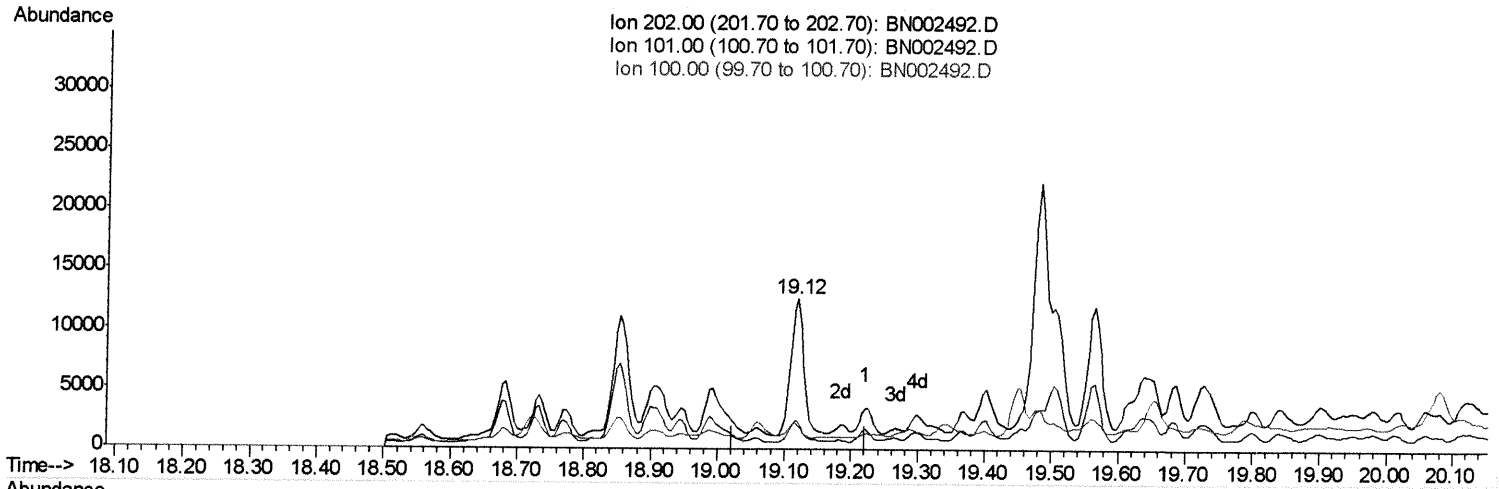
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Manual Integrations
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(15) Fluoranthene (C)

19.118min (-0.065) 0.40ng/ul m

SJ 8/27/18

response 16059

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	18.79
100.00	10.00	16.56
0.00	0.00	0.00

Quantitation Report (Qedit)

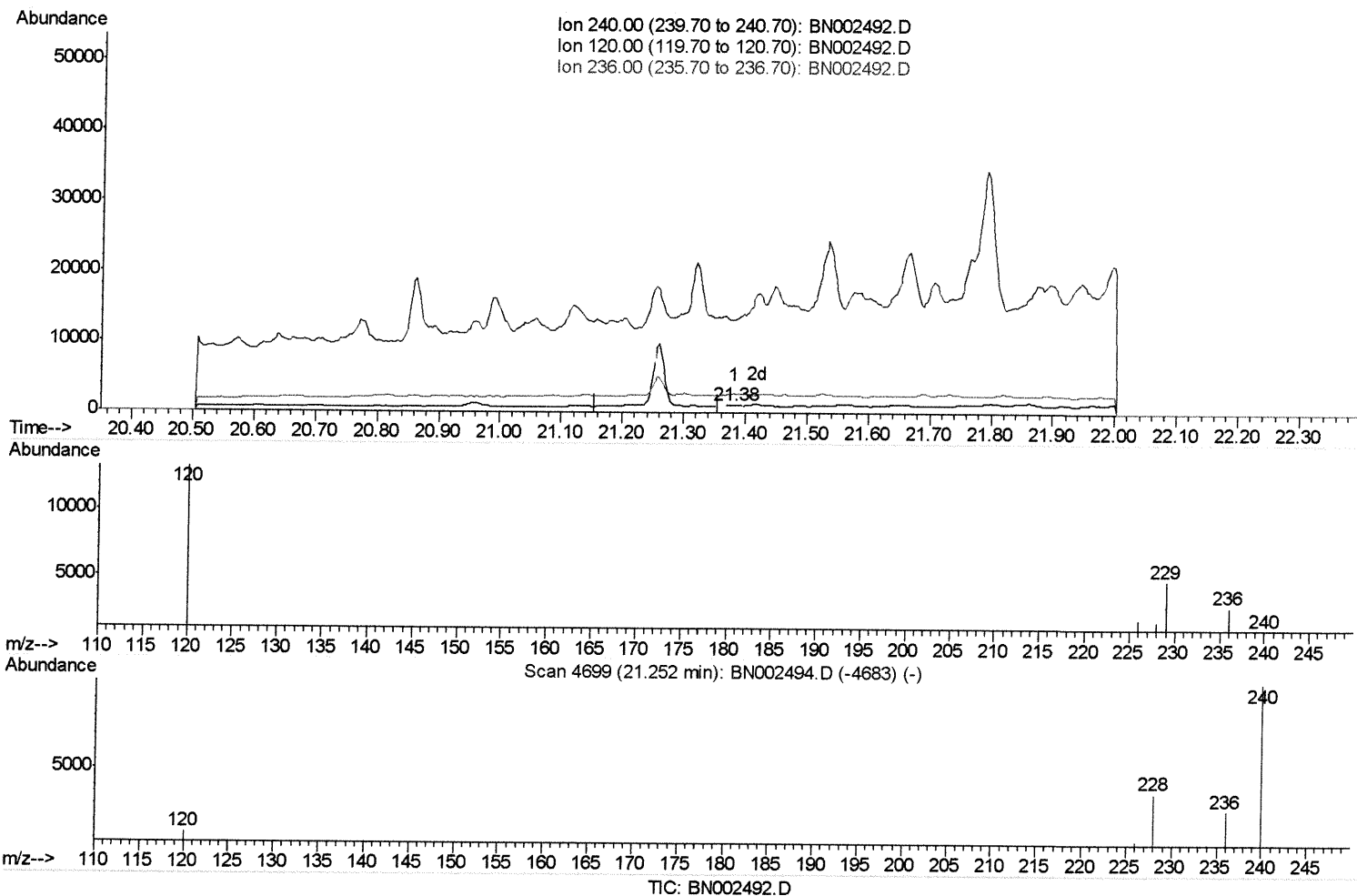
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
 Data File : BN002492.D
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Manual Integrations
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(16) Chrysene-d12 (I)

21.381min (+0.126) 0.40ng/ul

response 242

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	1241.48#
236.00	34.90	260.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

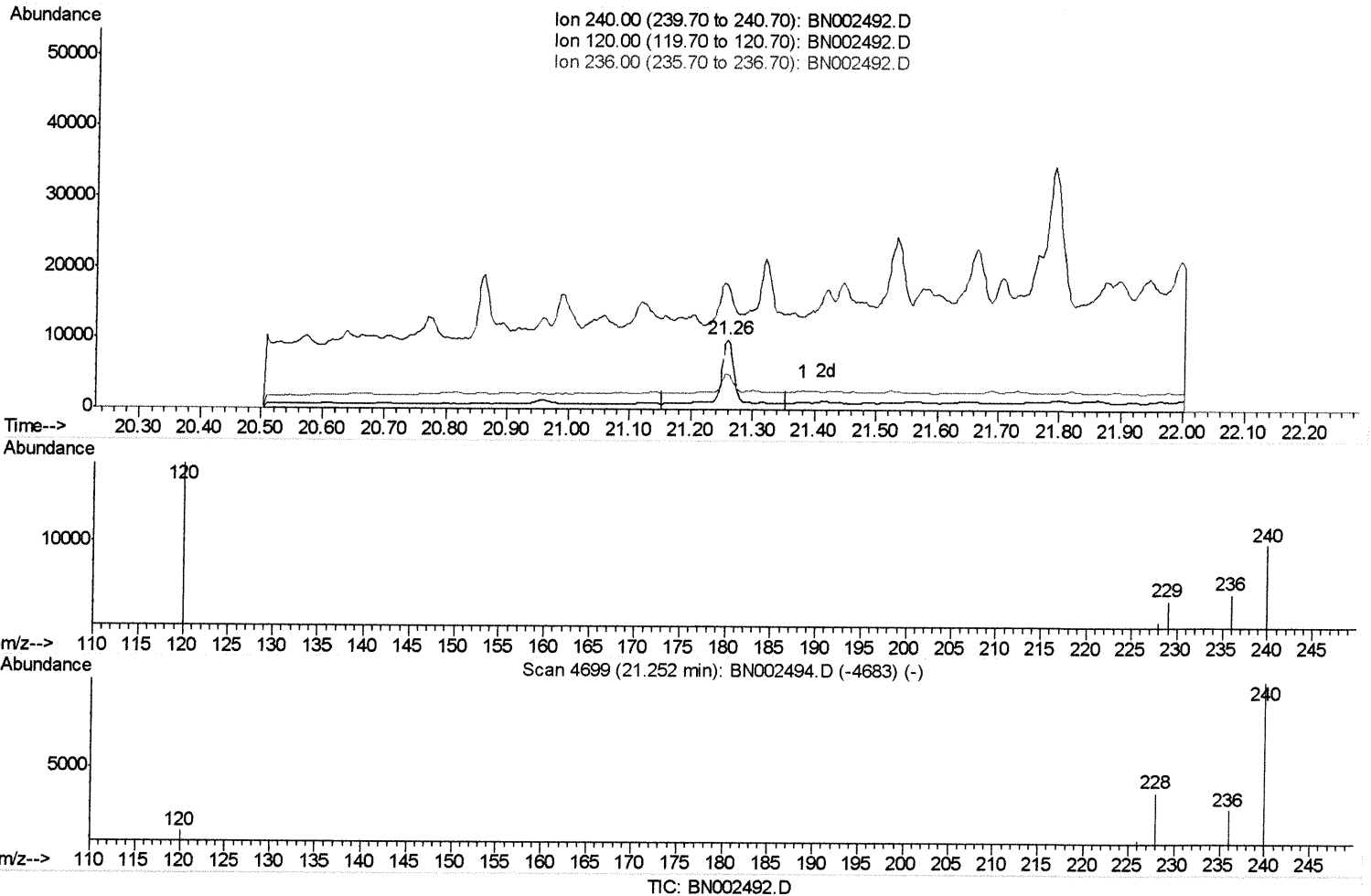
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Manual Integrations
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(16) Chrysene-d12 (I)

21.258min (+0.003) 0.40ng/ul m

SJ 8/27/18

response 11307

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	177.78#
236.00	34.90	51.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

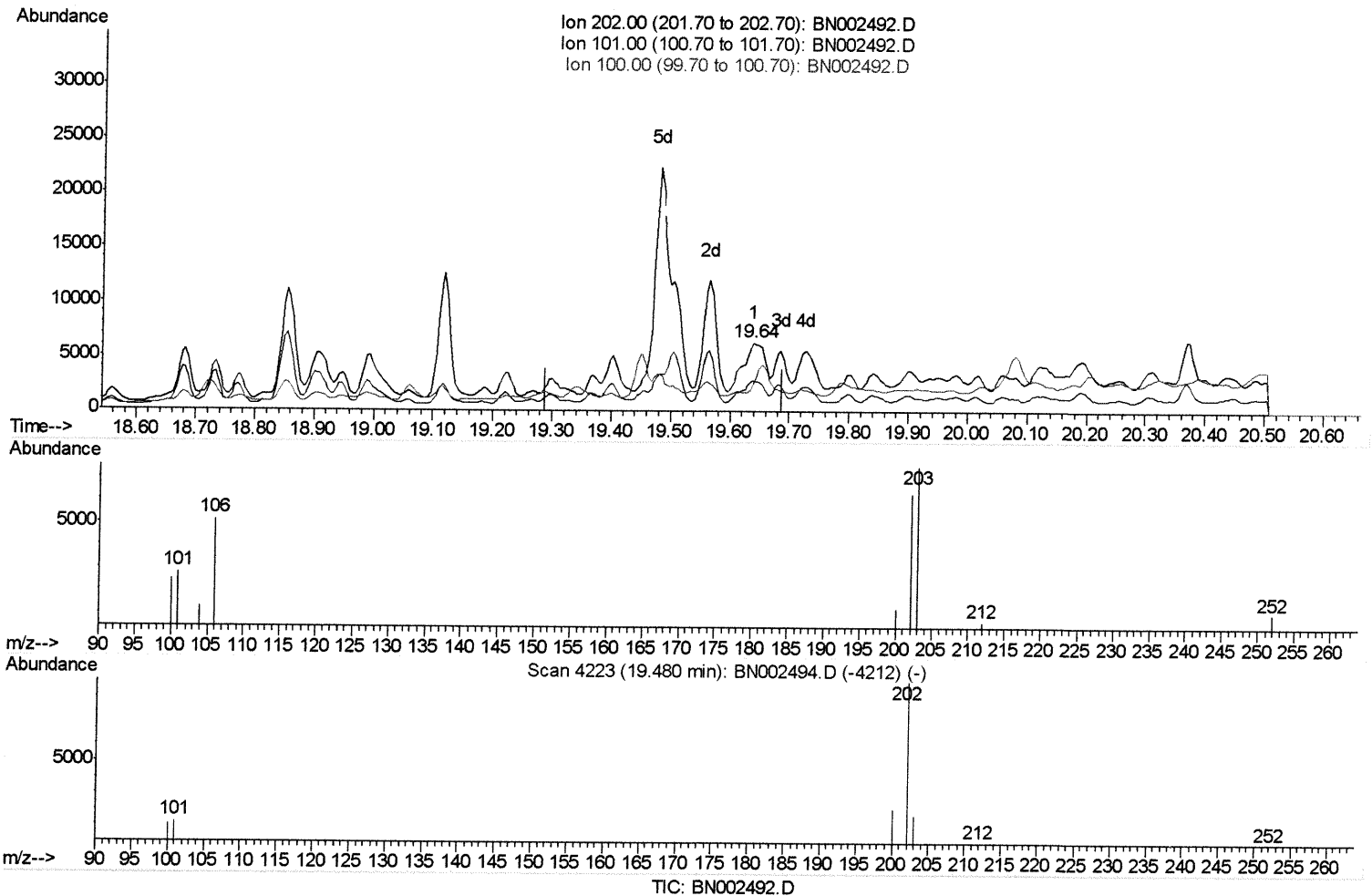
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(17) Pyrene

19.639min (+0.149) 0.29ng/ul

response 11260

Ion	Exp%	Act%
202.00	100	100
101.00	15.00	44.53#
100.00	10.00	39.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

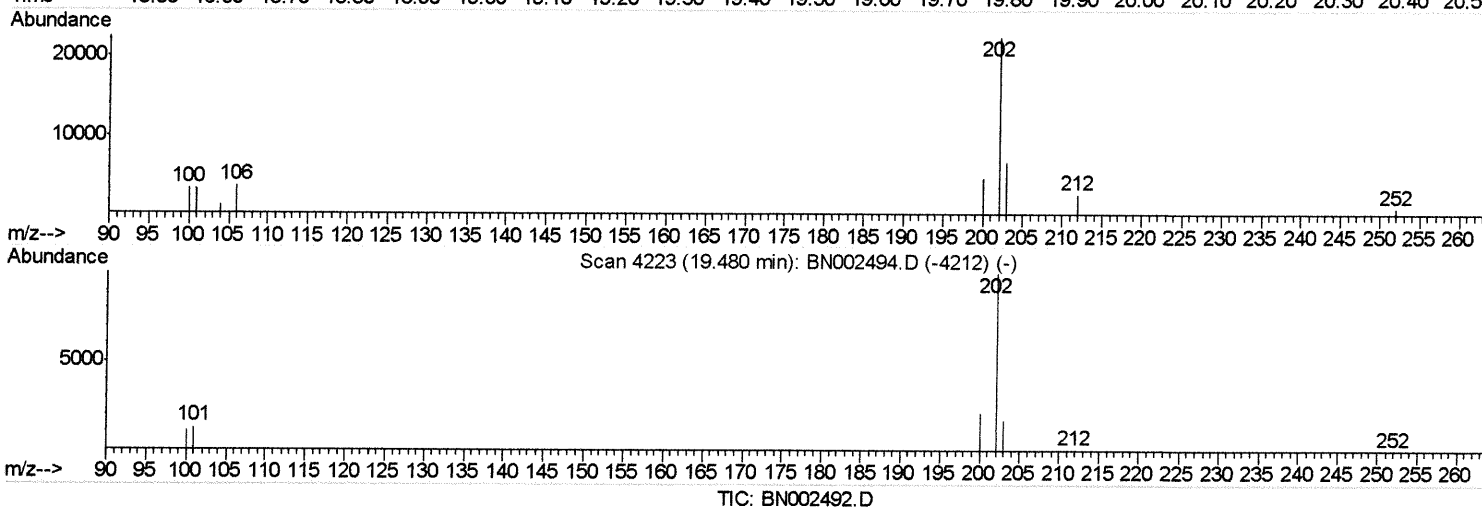
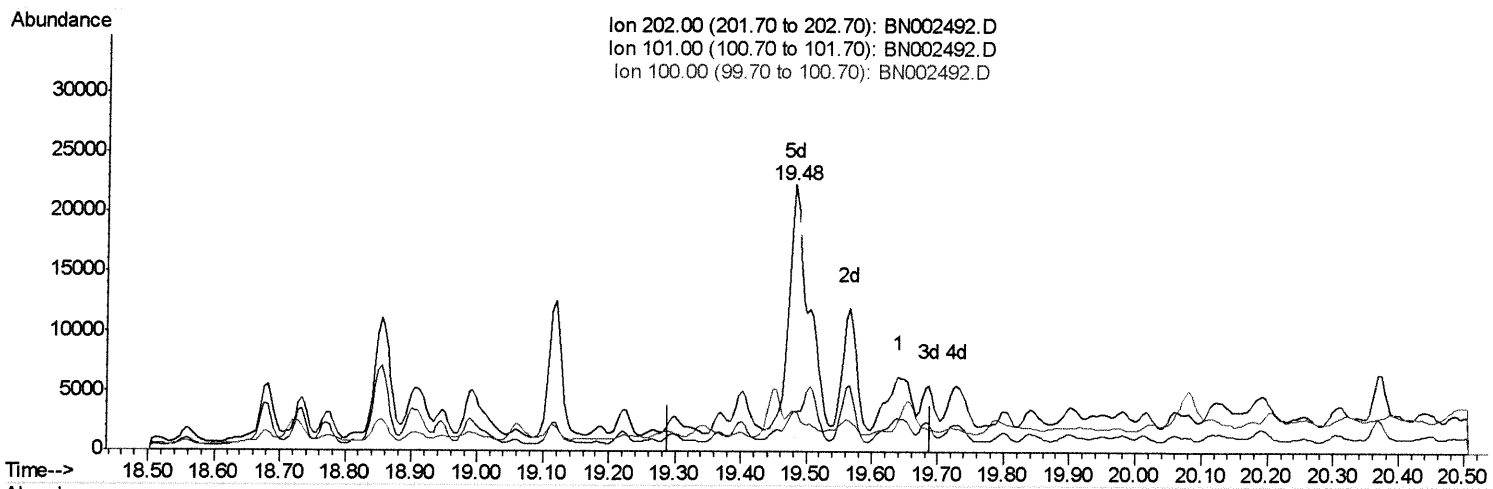
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Manual Integrations
 APPROVED

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(17) Pyrene

19.481min (-0.009) 1.10ng/ul m

SJ 8/27/18

response 42543

Ion	Exp%	Act%
202.00	100	100
101.00	15.00	15.28
100.00	10.00	15.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

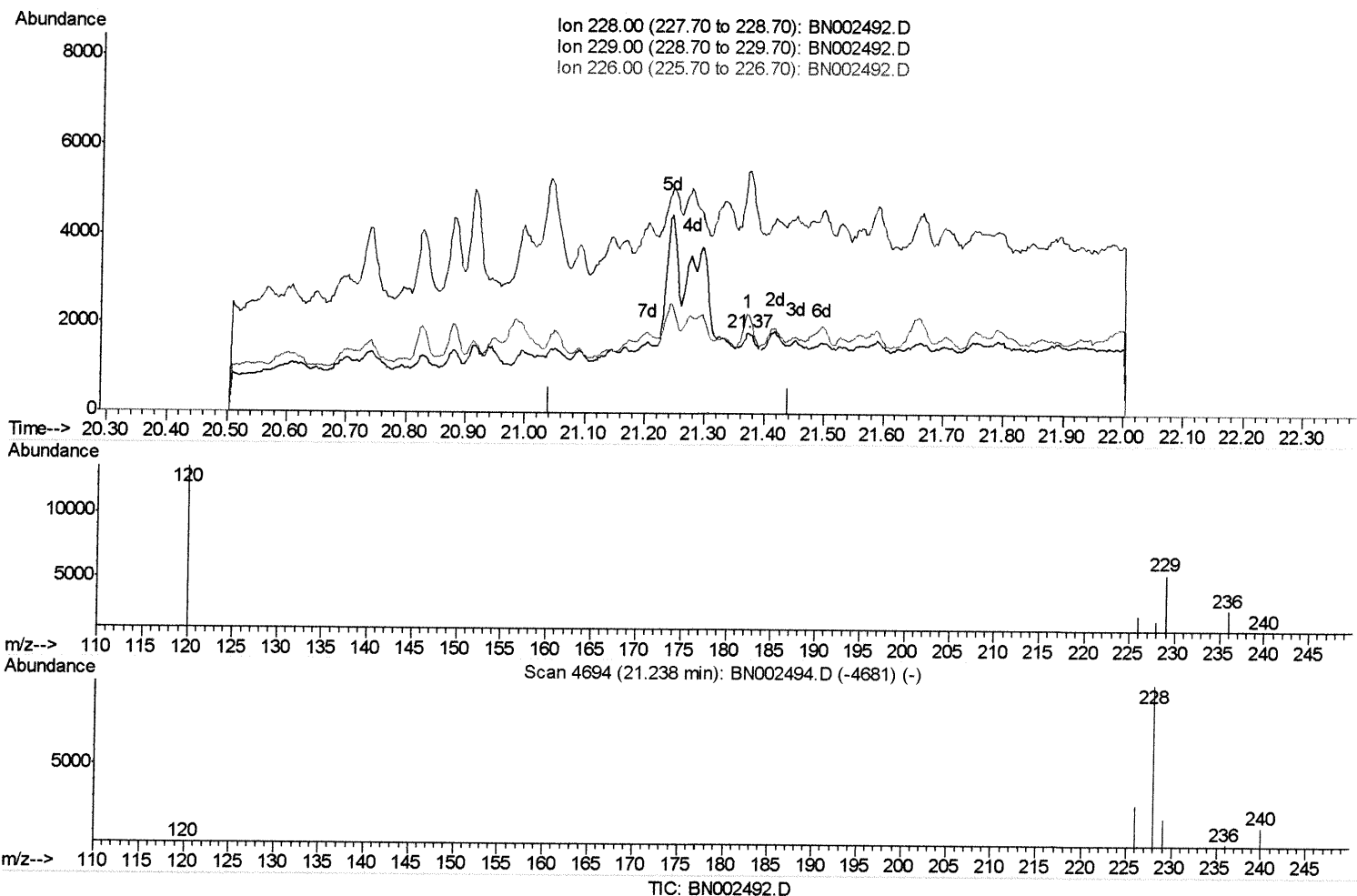
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
 Data File : BN002492.D
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 Operator : JU/SJ
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Instrument :
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Manual Integrations
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(18) Benzo(a)anthracene

21.369min (+0.129) 0.01ng/ul

response 434

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	298.13#
226.00	21.30	124.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

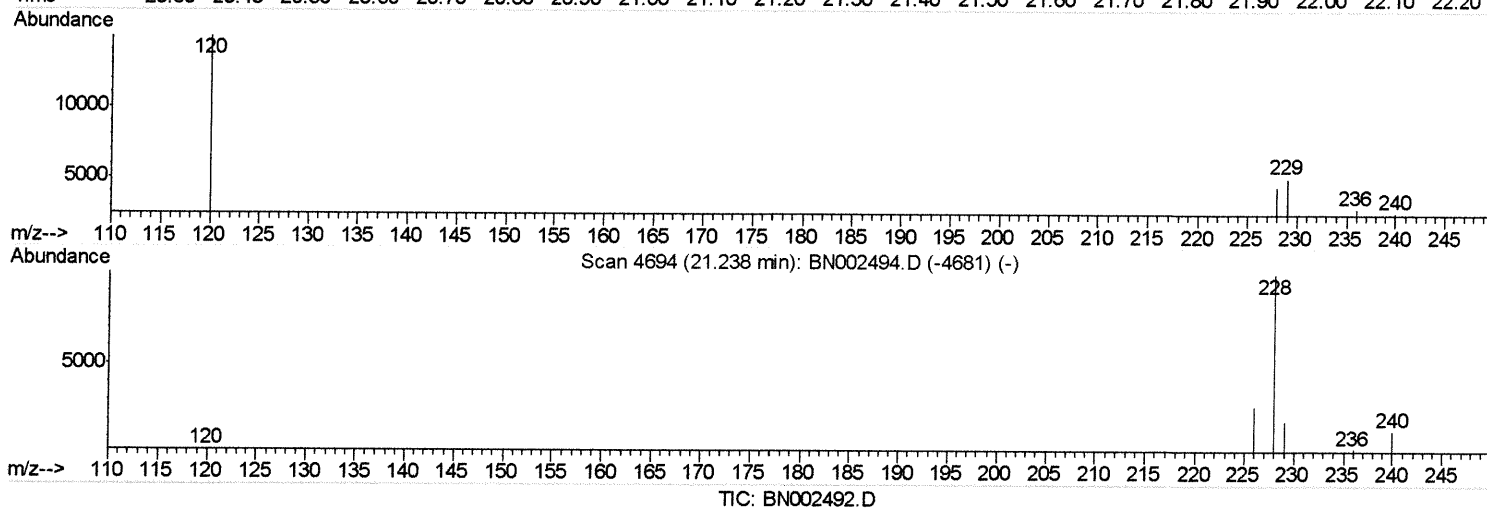
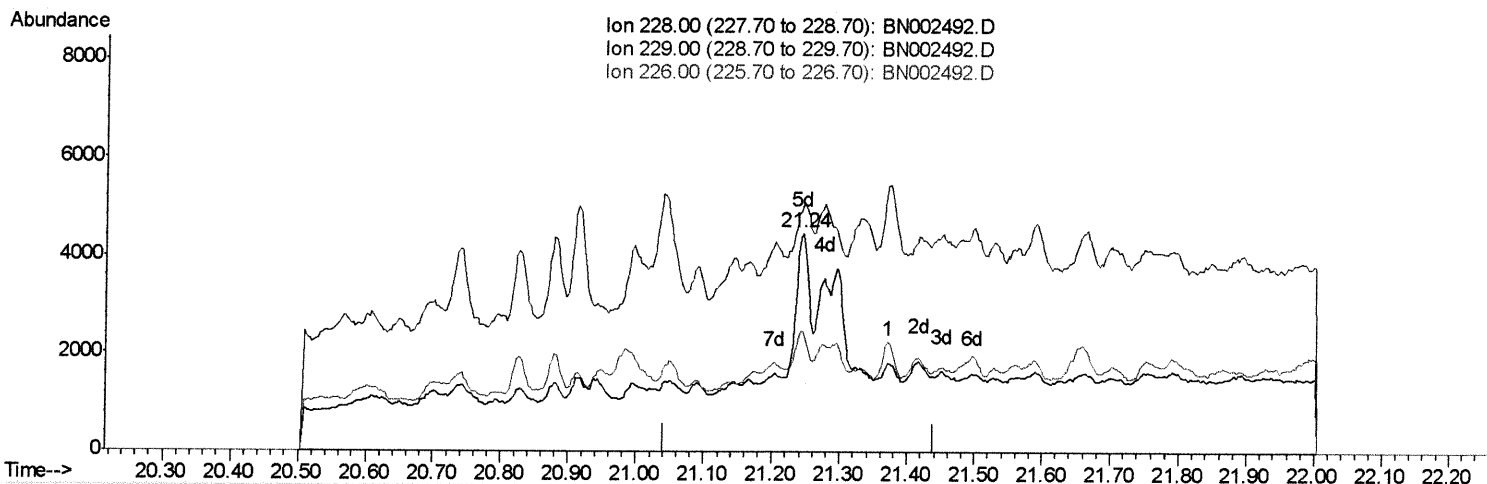
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
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Instrument :
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Manual Integrations
 APPROVED

Sohil
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(18) Benzo(a)anthracene

21.244min (+0.003) 0.12ng/ul m

SJ 8/27/18

response 4016

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	112.98#
226.00	21.30	54.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

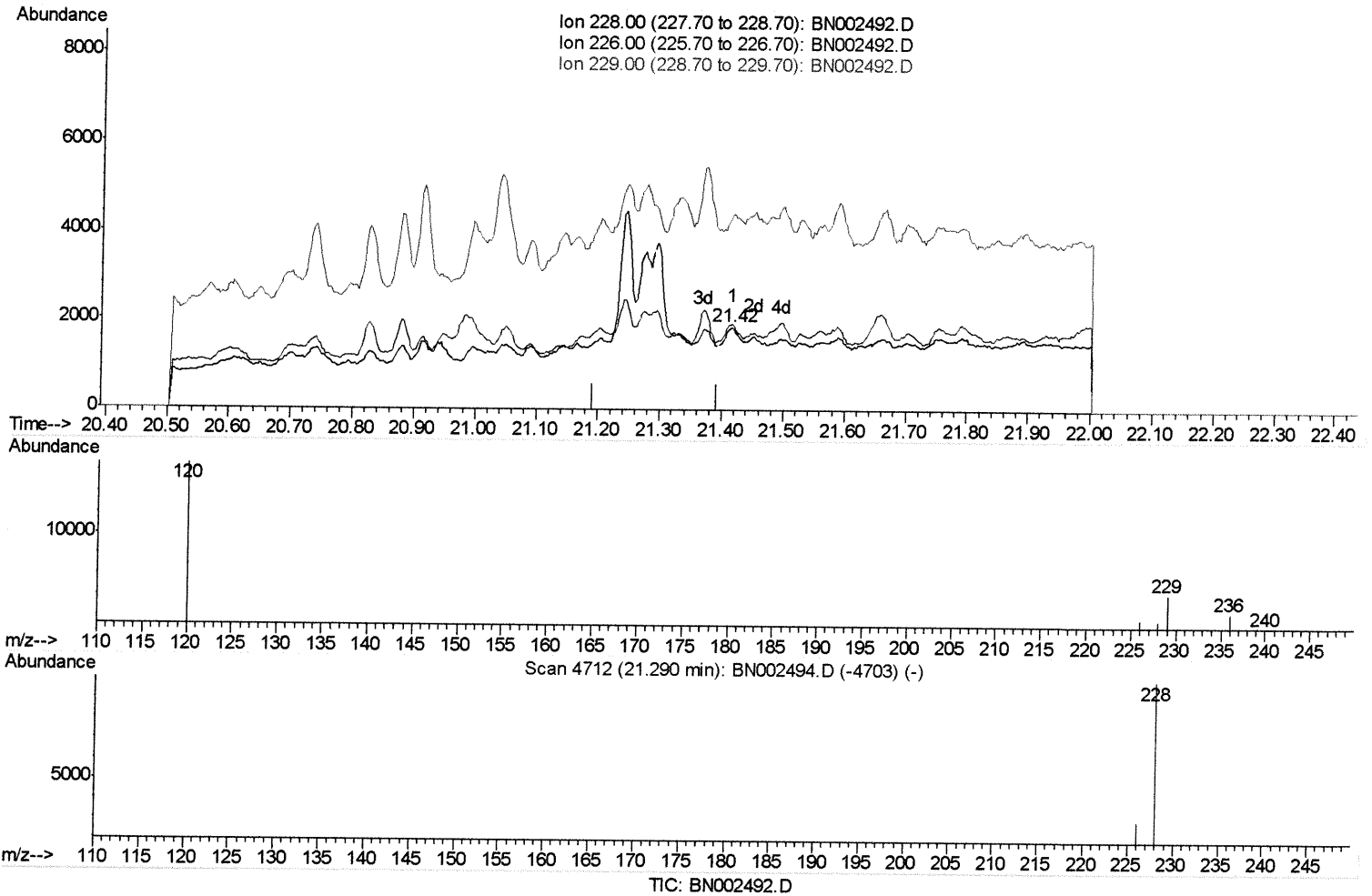
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(19) Chrysene

21.416min (+0.123) 0.02ng/ul

response 593

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	103.91#
229.00	22.10	236.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

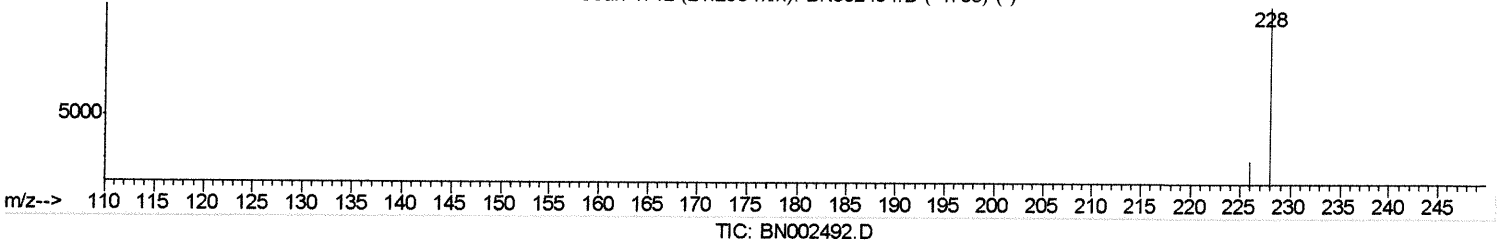
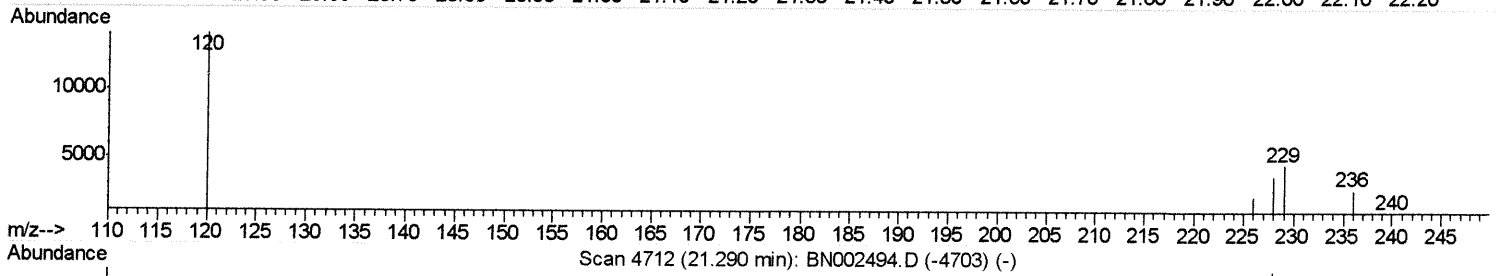
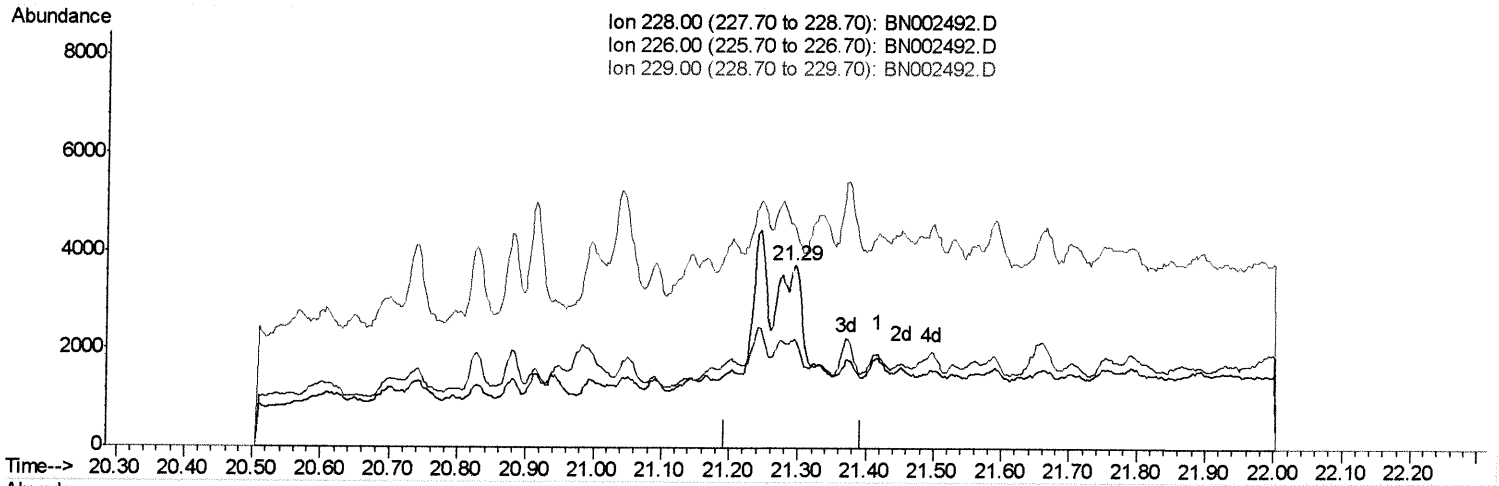
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(19) Chrysene

21.293min (+0.000) 0.07ng/ul m

SJ 8/27/18

response 2667

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	59.67#
229.00	22.10	120.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

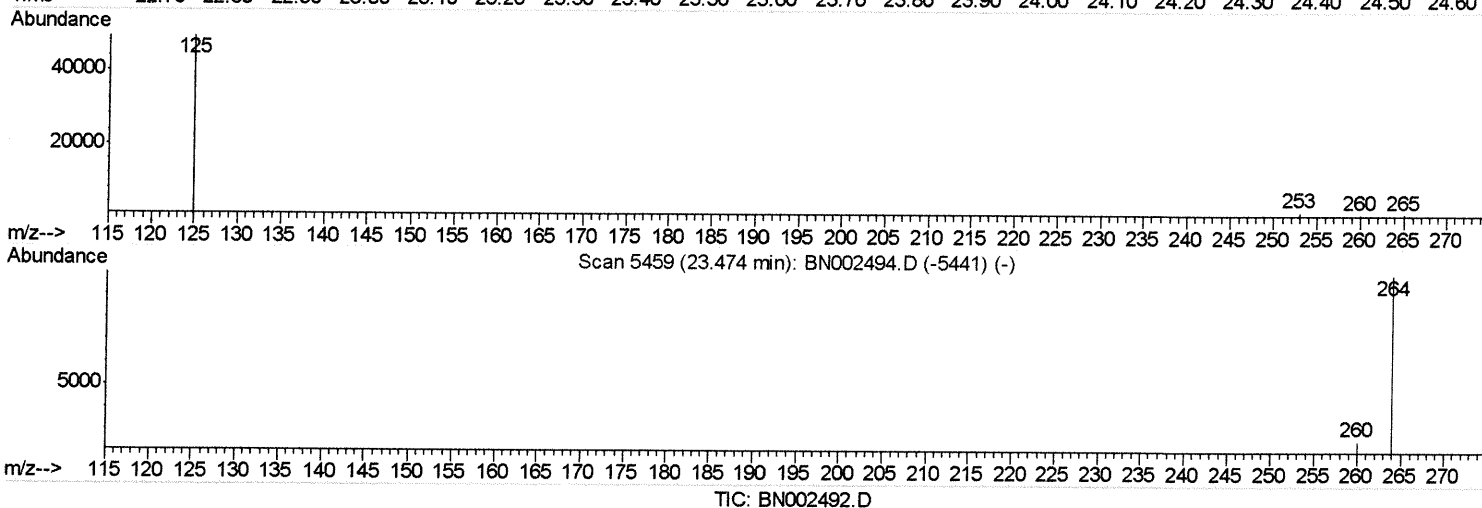
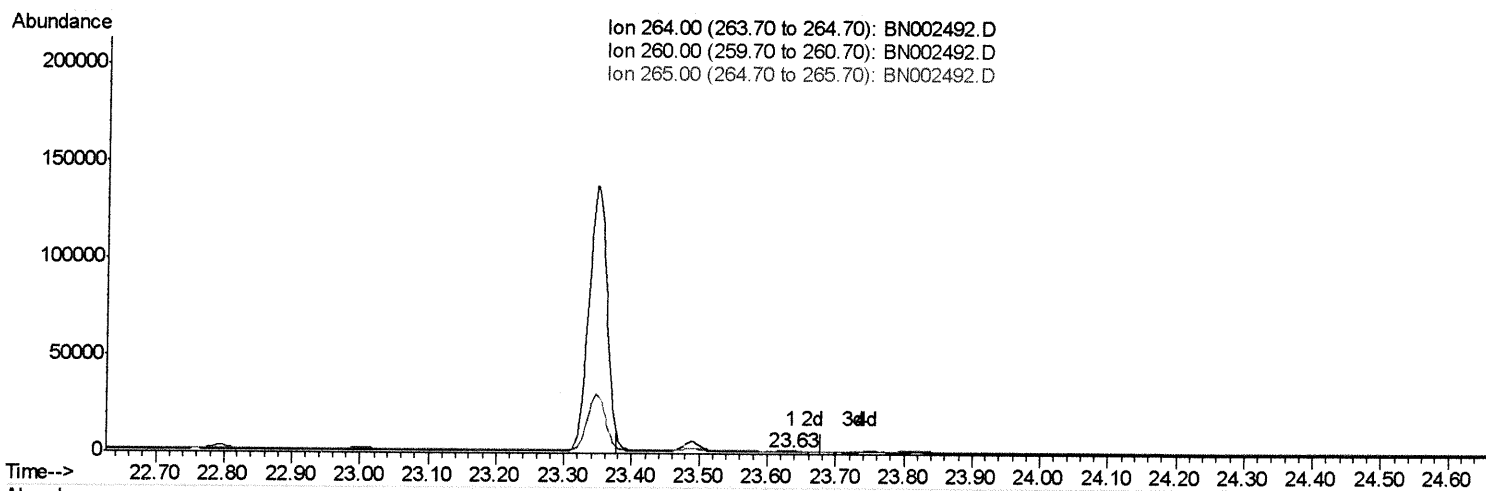
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(20) Perylene-d12 (I)

23.635min (+0.155) 0.40ng/ul

response 64

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	133.14#
265.00	103.50	159.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

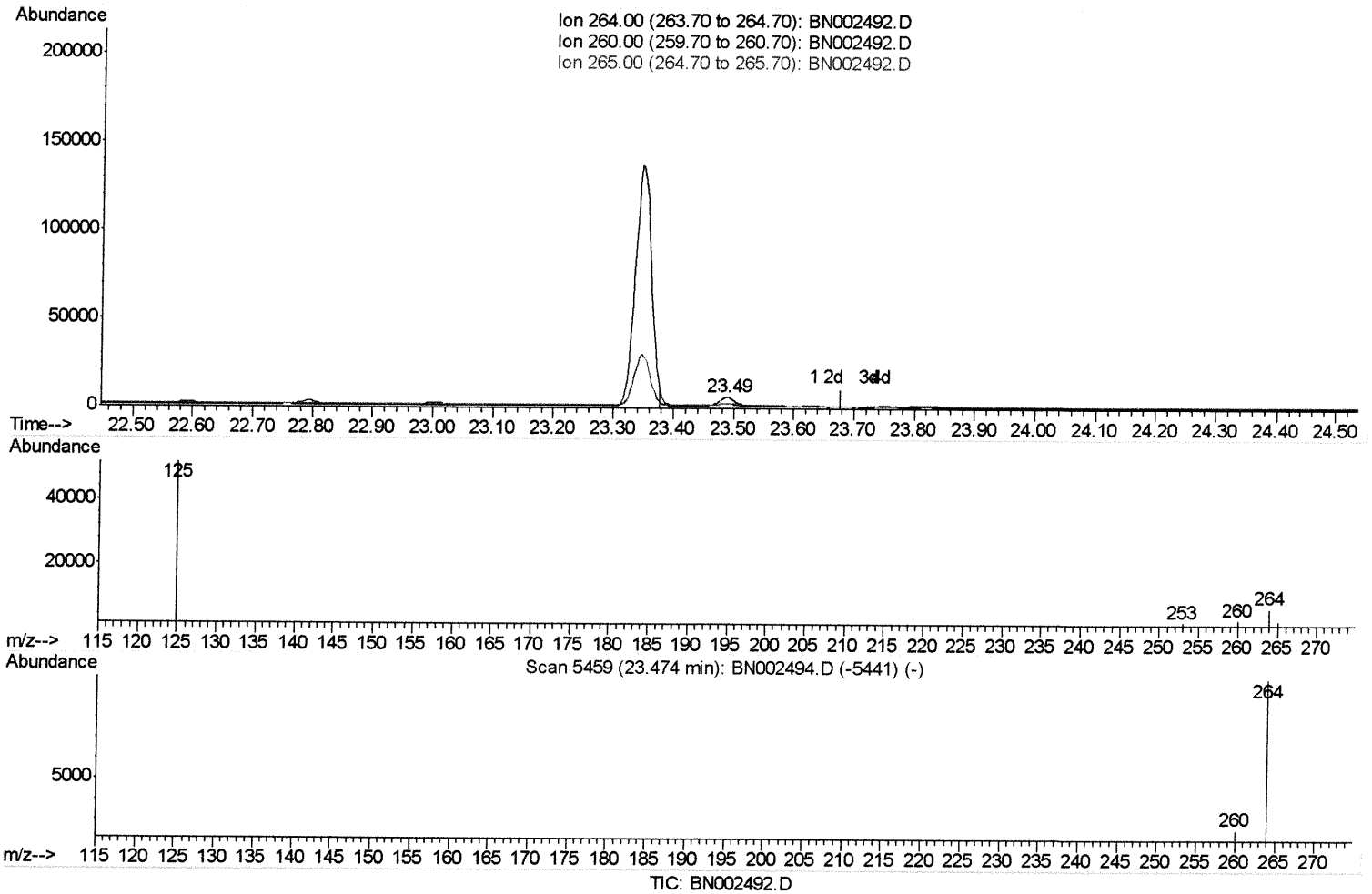
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(20) Perylene-d12 (I)

23.488min (+0.009) 0.40ng/ul m

SJ 8/27/18

response 10293

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	42.89#
265.00	103.50	41.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

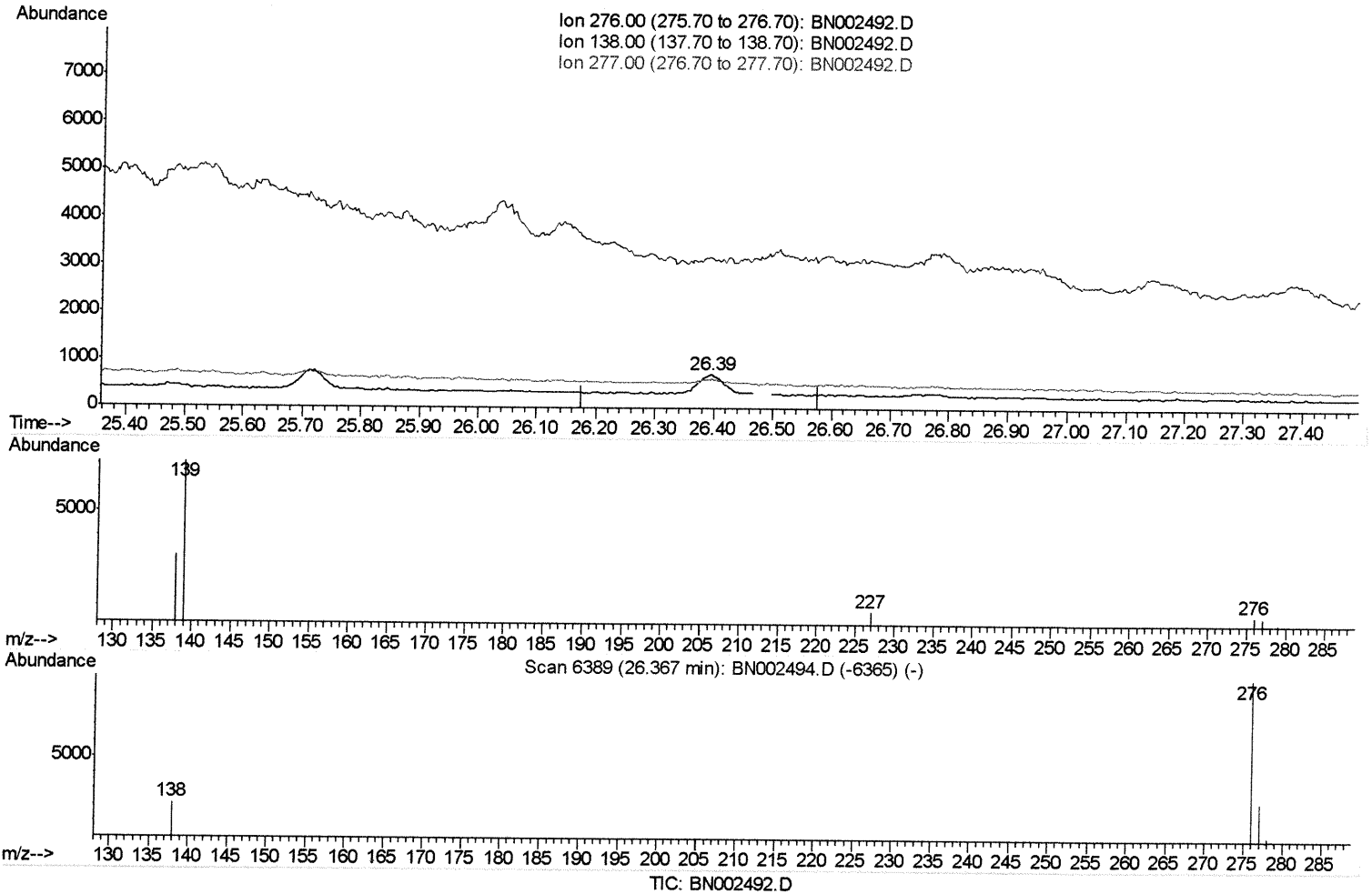
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Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:38:21 PM

Quant Time: Aug 24 13:12:59 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 02:20:09 2018
 Response via : Initial Calibration



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

26.394min (+0.017) 0.04ng/ul

response 1276

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	443.48#
277.00	25.60	87.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

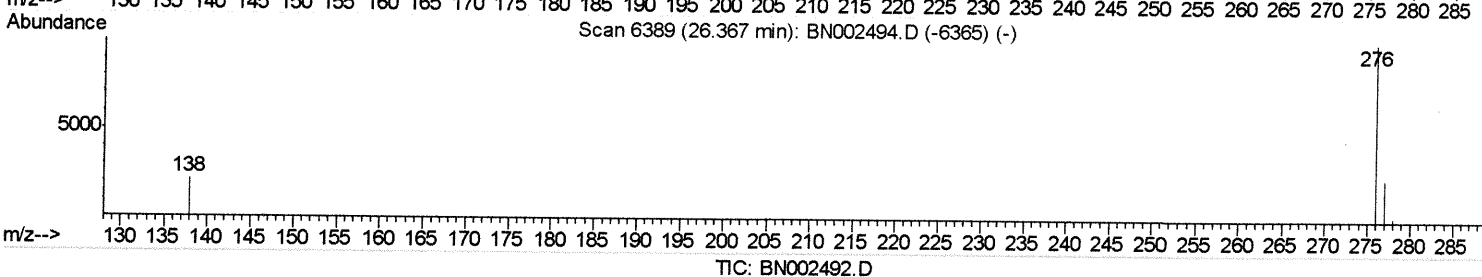
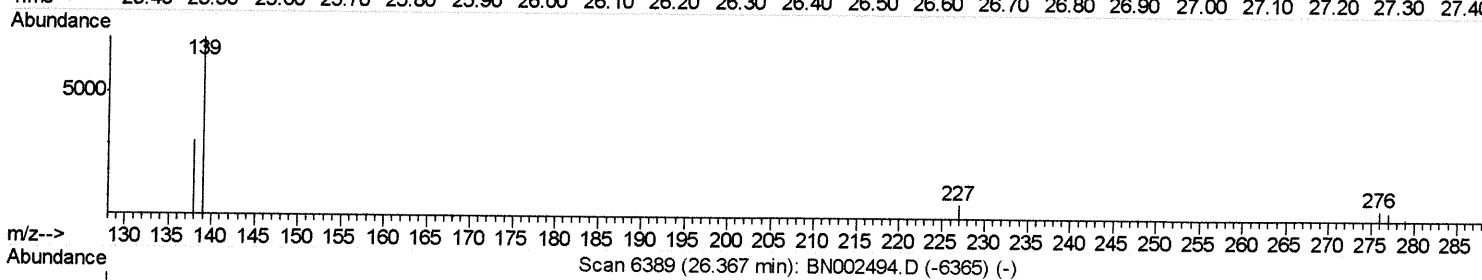
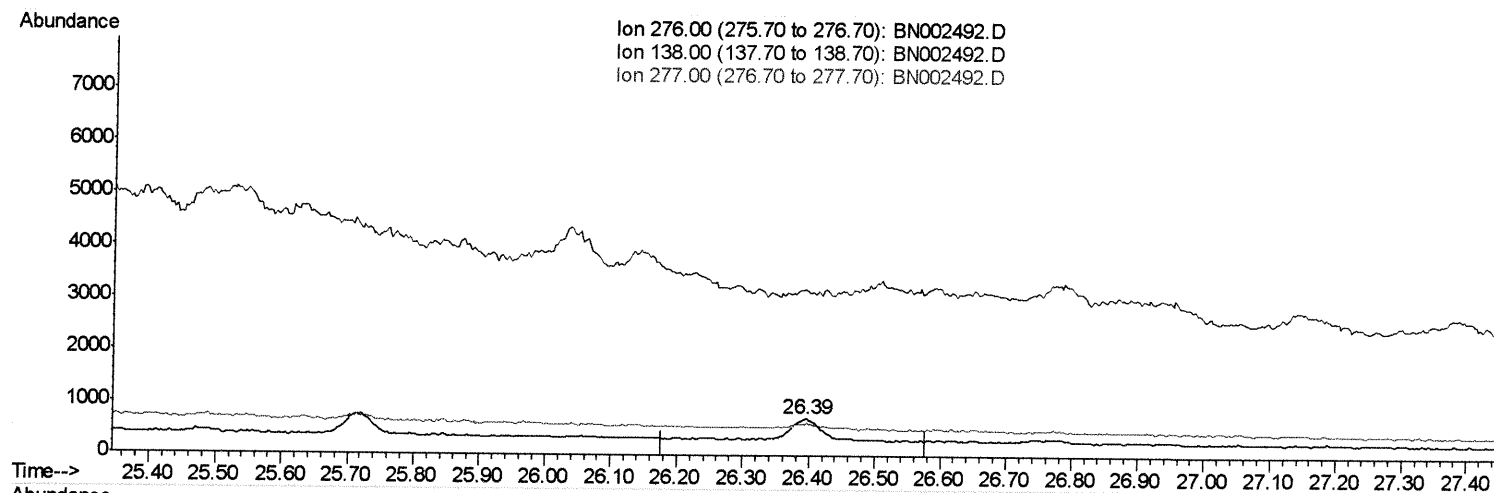
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
 Data File : BN002492.D
 Acq On : 24 Aug 2018 06:42
 Operator : JU/SJ
 Sample : J4424-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z61

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:38:21 PM

Quant Time: Aug 24 13:12:59 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 02:20:09 2018
 Response via : Initial Calibration



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

26.394min (+0.017) 0.04ng/ul m

SJ 8/27/18

response 1268

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	443.48#
277.00	25.60	87.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
Data File : BN002492.D
Acq On : 24 Aug 2018 06:42
Operator : JU/SJ
Sample : J4424-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z61

Manual Integrations
APPROVED

Sohil
8/24/2018 5:38:21 PM

Quant Time: Aug 24 13:15:01 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 02:20:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2123	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	10881	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	7645	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	11464m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11307m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	10293m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.03	152	2780	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.09	212	4371m	0.13	ng/ul	0.00

Target Compounds

					Qvalue
3) Naphthalene	10.51	128	3683	0.131	ng/ul# 1
7) Acenaphthylene	14.04	152	24019	0.671	ng/ul# 1
8) Acenaphthene	14.37	153	4674	0.171	ng/ul# 81
9) Fluorene	15.36	166	25041	0.800	ng/ul# 63
15) Fluoranthene	19.12	202	16059m	0.403	ng/ul
17) Pyrene	19.48	202	42543m	1.103	ng/ul
18) Benzo(a)anthracene	21.24	228	4016m	0.119	ng/ul
19) Chrysene	21.29	228	2667m	0.070	ng/ul
26) Benzo(g,h,i)perylene	26.39	276	1268m	0.041	ng/ul

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