

Quantitation Report (QT Reviewed)

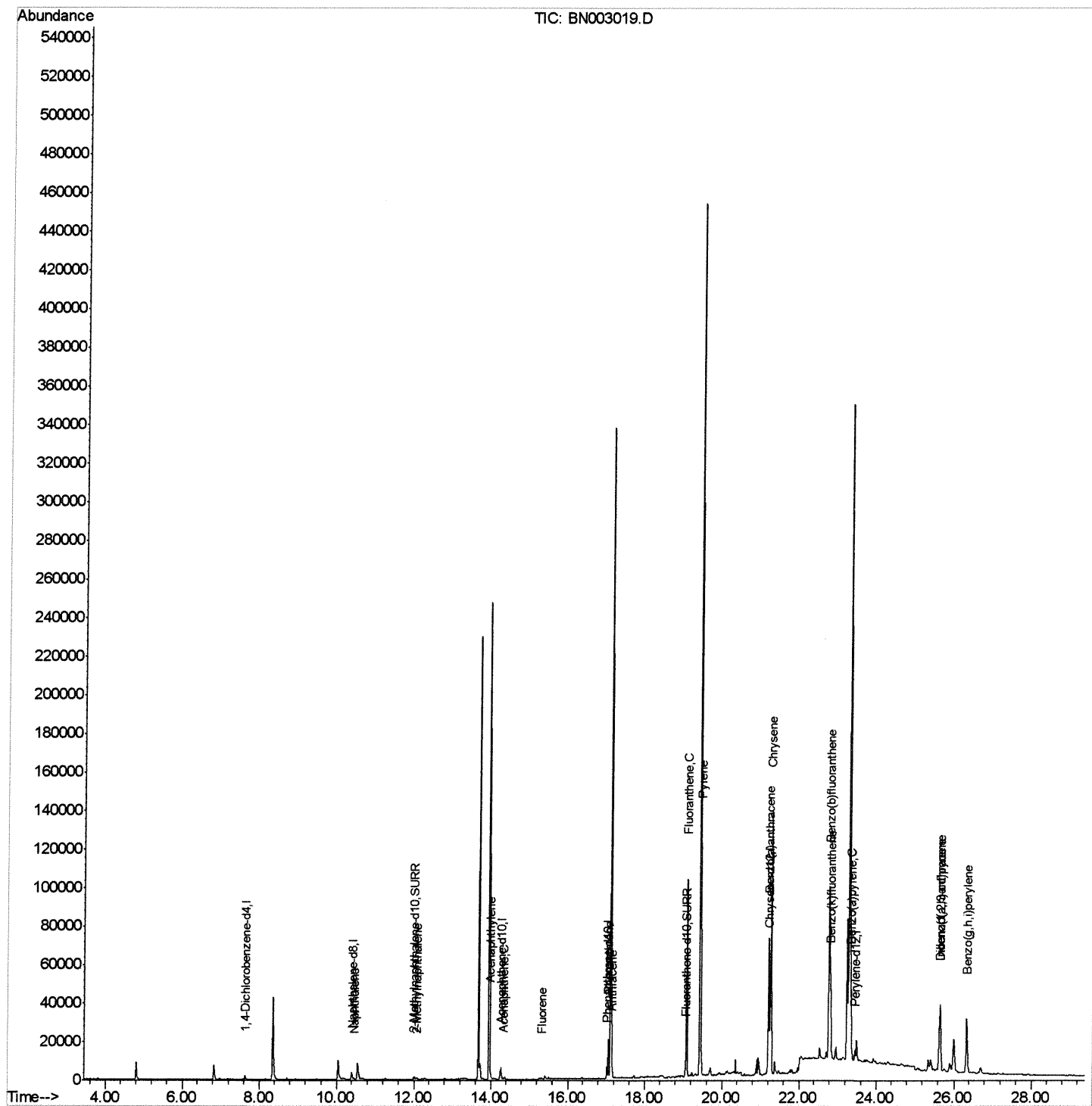
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 11:00:35 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

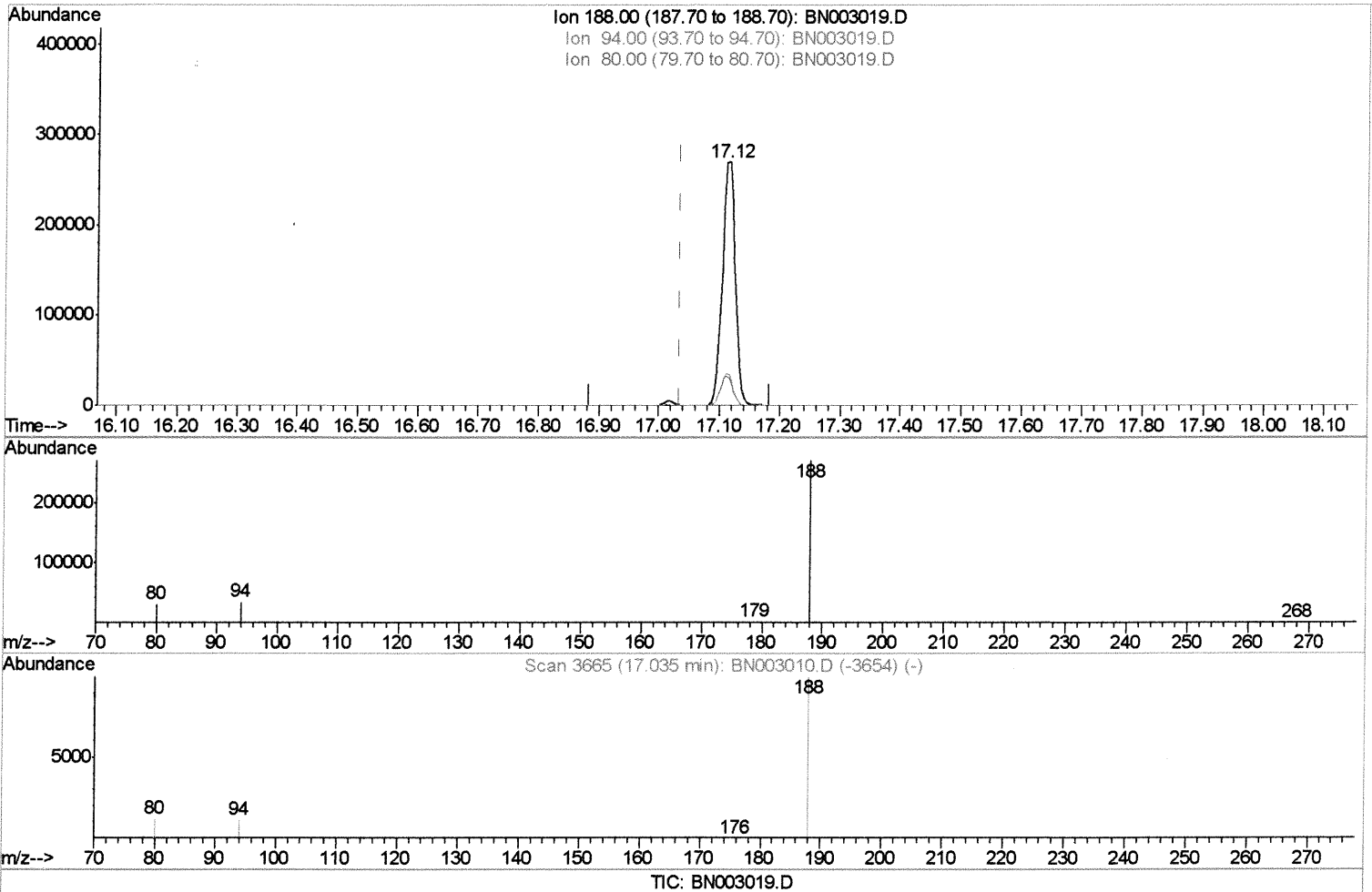
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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 Operator : MJ/SJ
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Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:52:48 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 : Tue Oct 09 08:56:18 2018
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(10) Phenanthrene-d10 (I)
 17.116min (+0.080) 0.40ng/ul
 response 400459

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.53
80.00	12.70	11.29
0.00	0.00	0.00

Quantitation Report (Qedit)

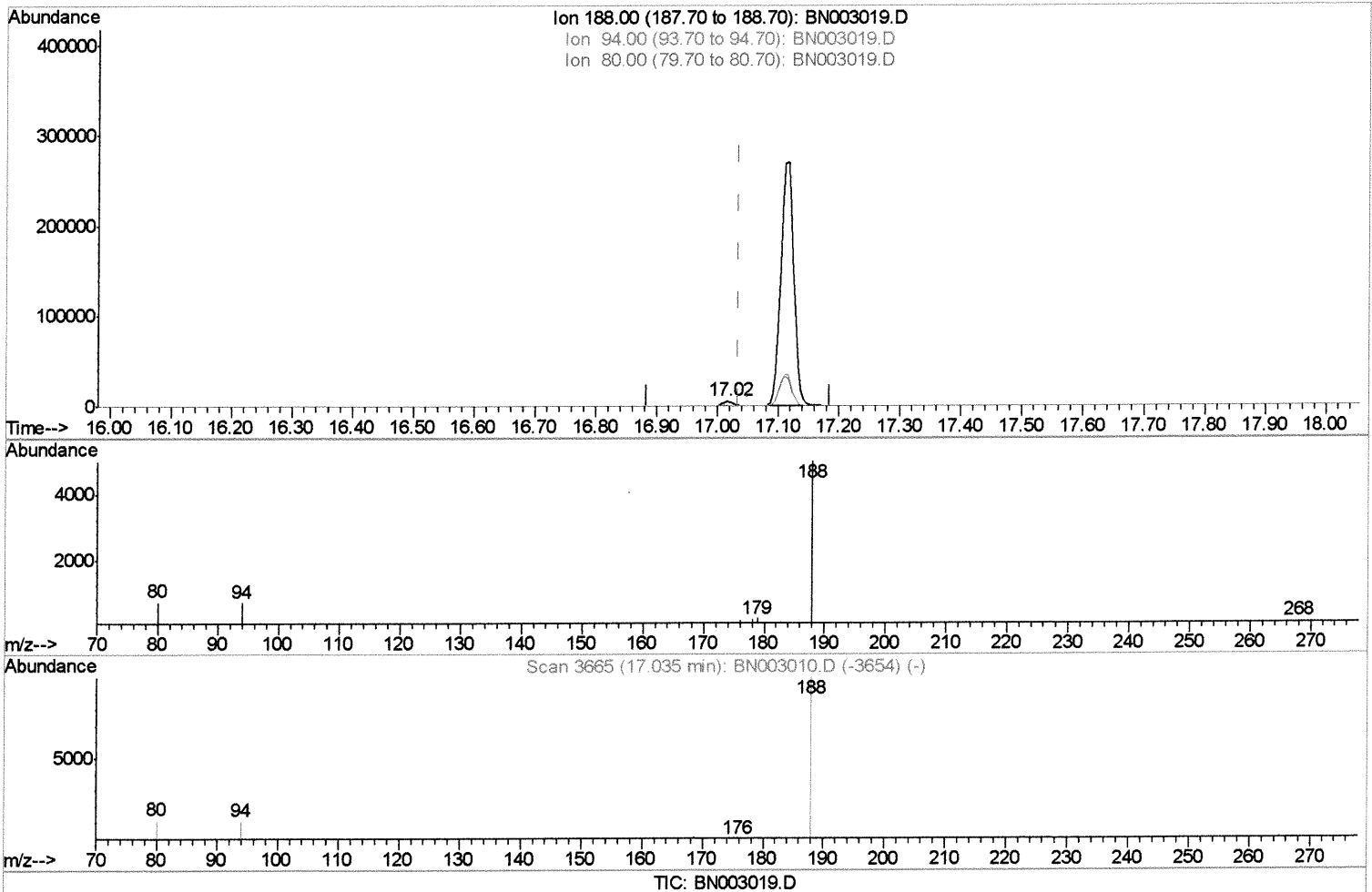
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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(10) Phenanthrene-d10 (I)

17.018min (-0.017) 0.40ng/ul m

response 7321

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.94
80.00	12.70	14.22
0.00	0.00	0.00

SJ 10/10/18

Quantitation Report (Qedit)

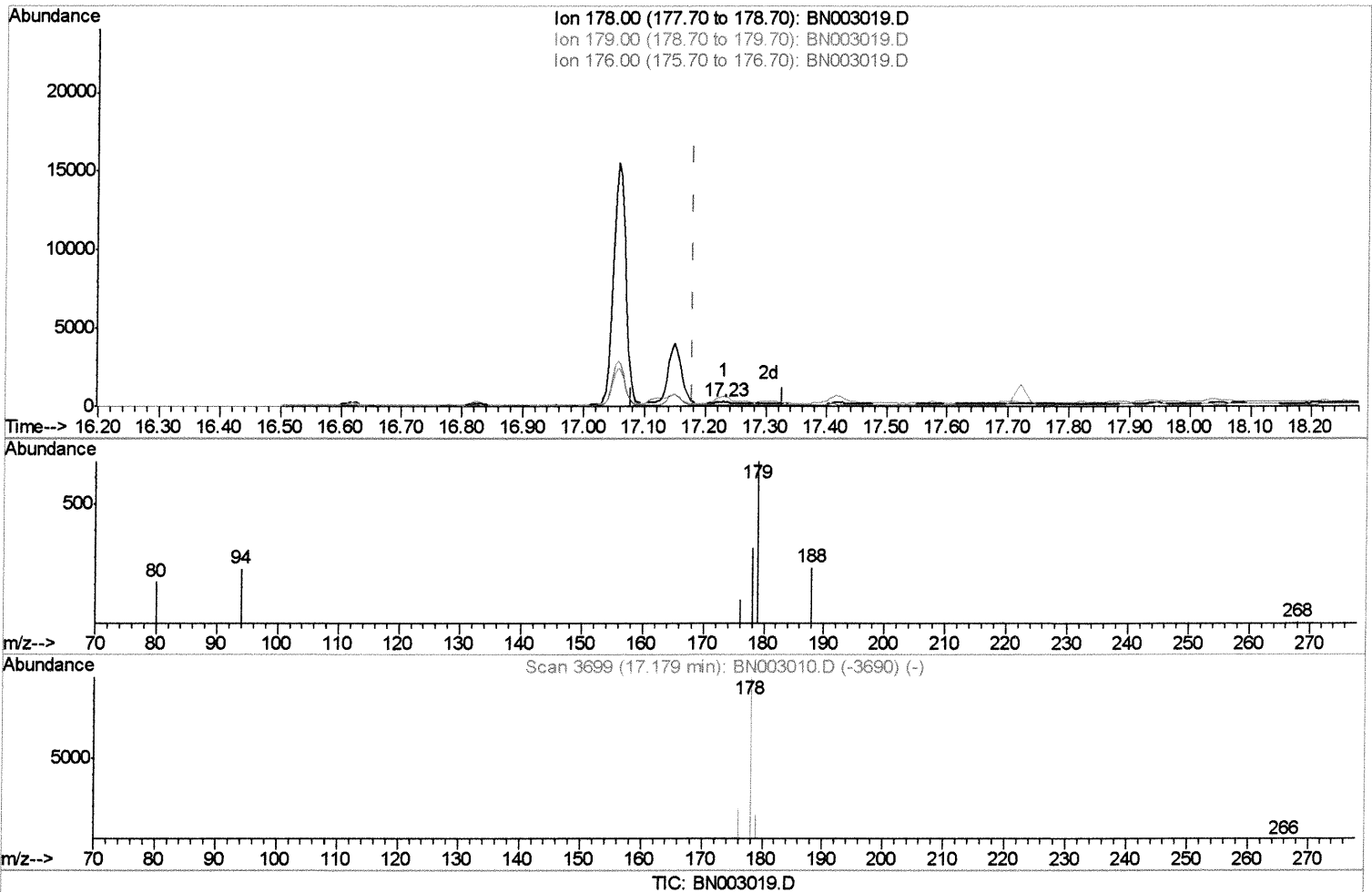
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(13) Anthracene
 17.230min (+0.051) 0.02ng/ul
 response 296

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	197.00#
176.00	19.10	42.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

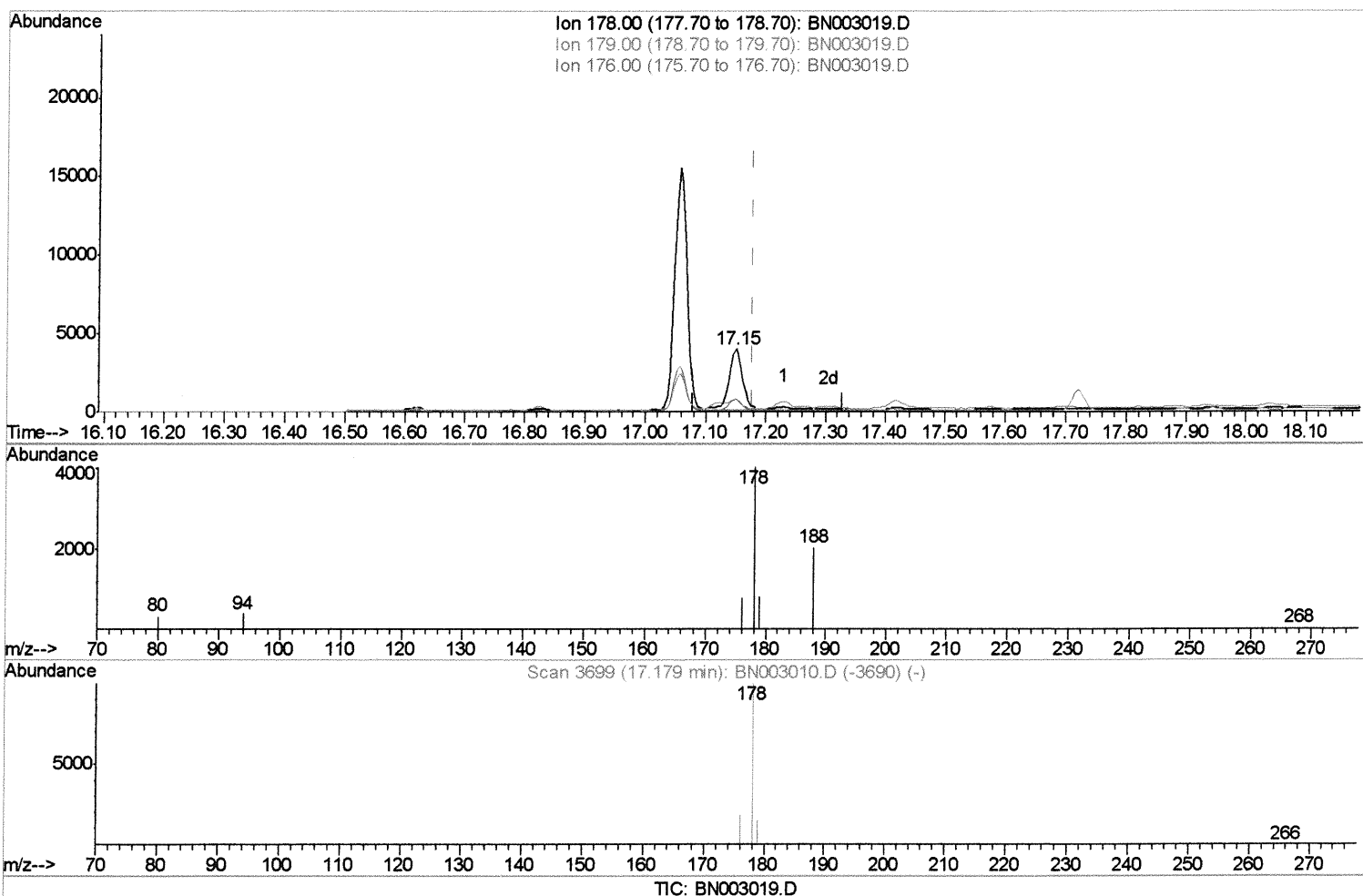
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(13) Anthracene

17.149min (-0.029) 0.32ng/ul m

response 6265

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	20.85#
176.00	19.10	20.38
0.00	0.00	0.00

SJ 10/10/18

Quantitation Report (Qedit)

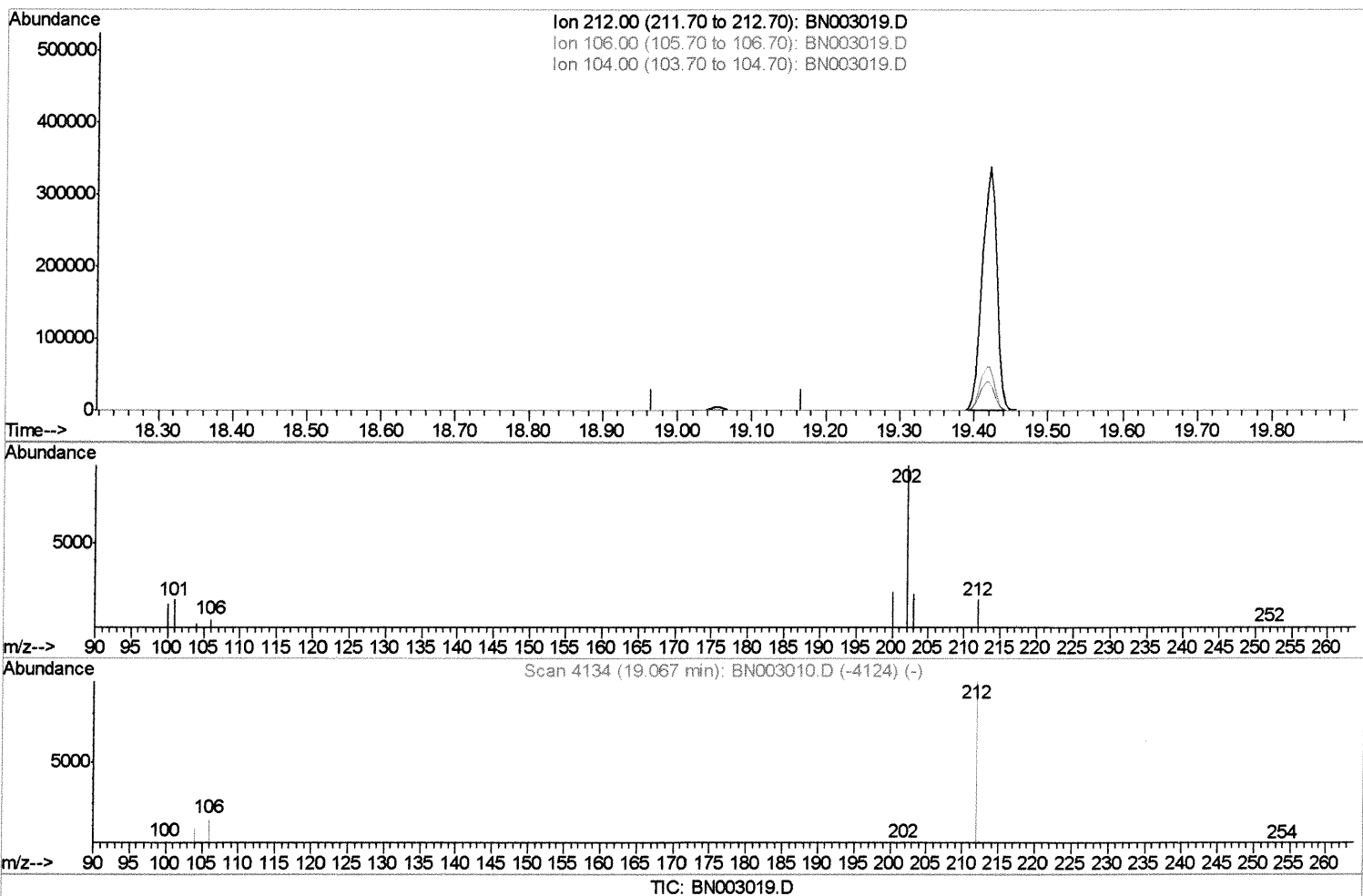
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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(14) Fluoranthene-d10 (SURR)

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)

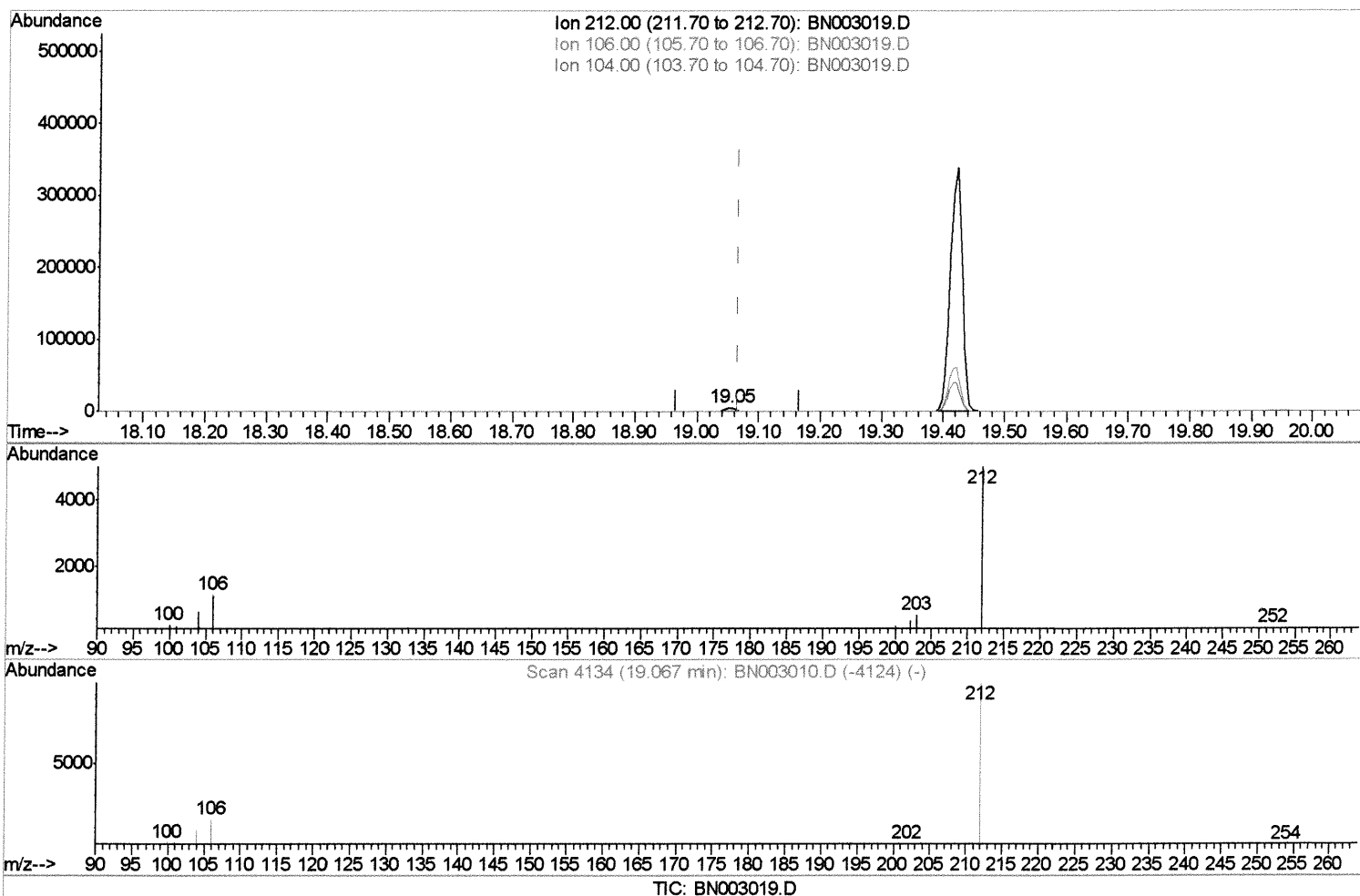
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
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(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.33ng/ul m

response 6896

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

5/10/10/18

Quantitation Report (Qedit)

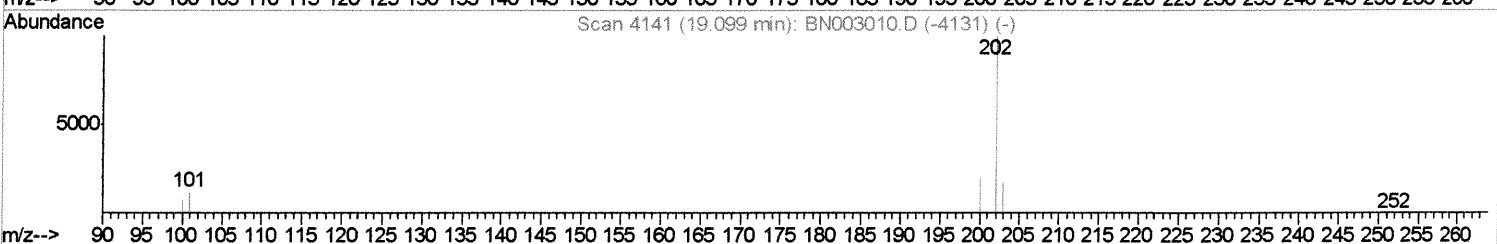
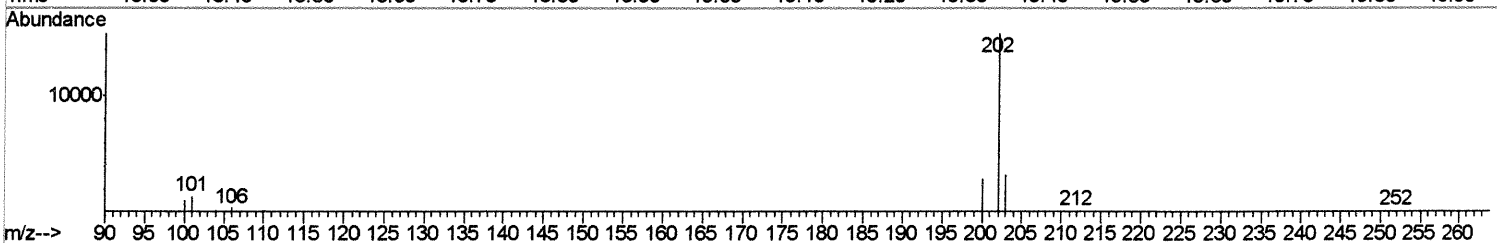
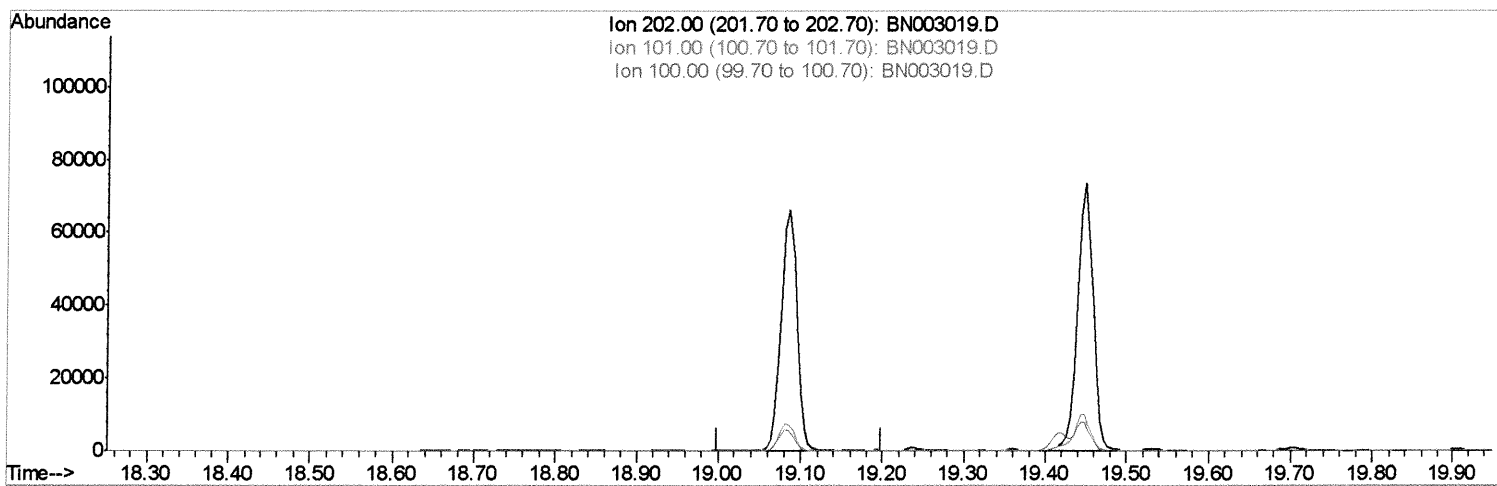
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(15) Fluoranthene (C)

19.099min (-19.099) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

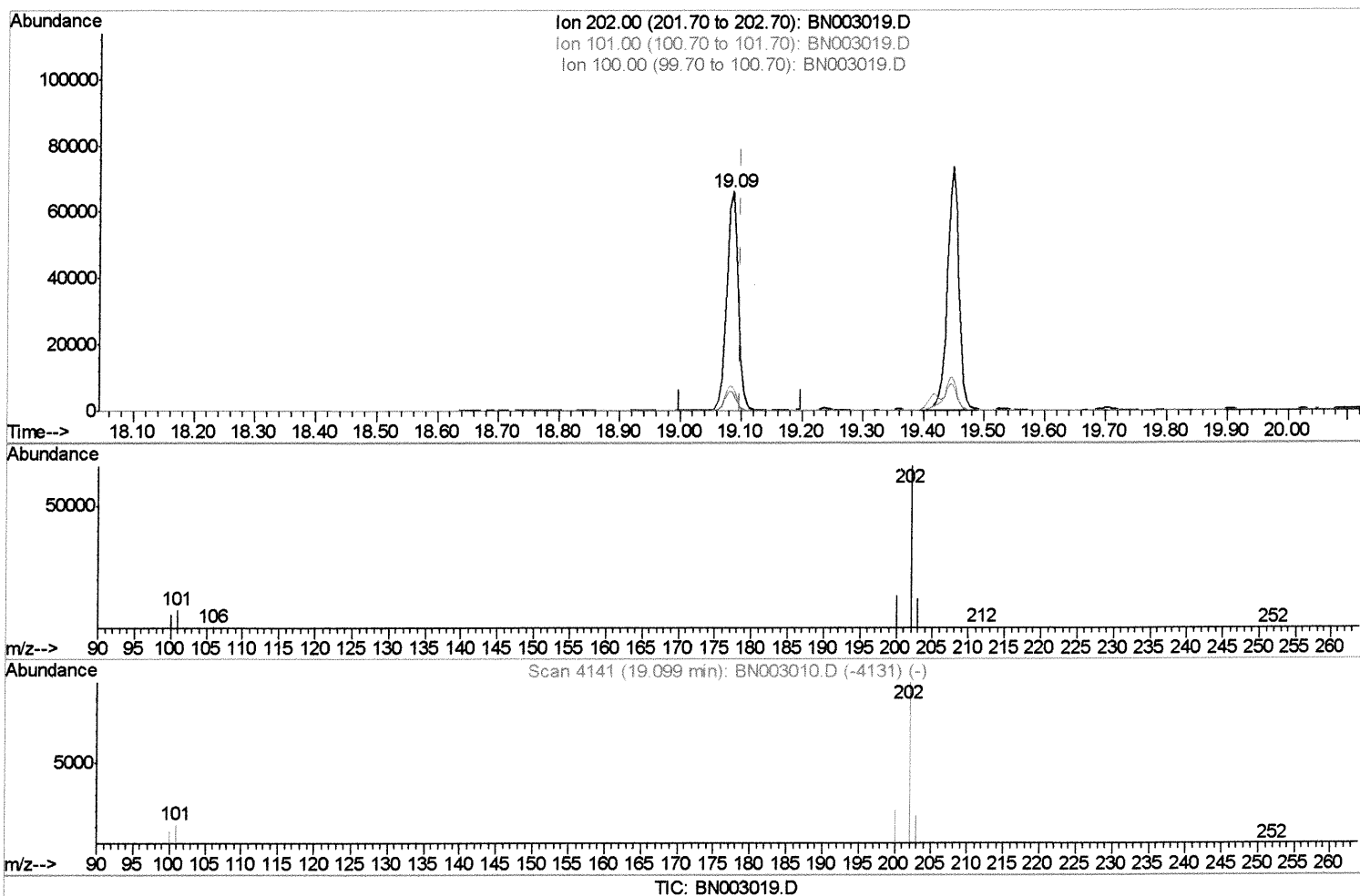
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(15) Fluoranthene (C)

19.085min (-0.014) 3.69ng/ul m

response 88419

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.36
100.00	9.10	8.50
0.00	0.00	0.00

SJ 10/10/18

Quantitation Report (Qedit)

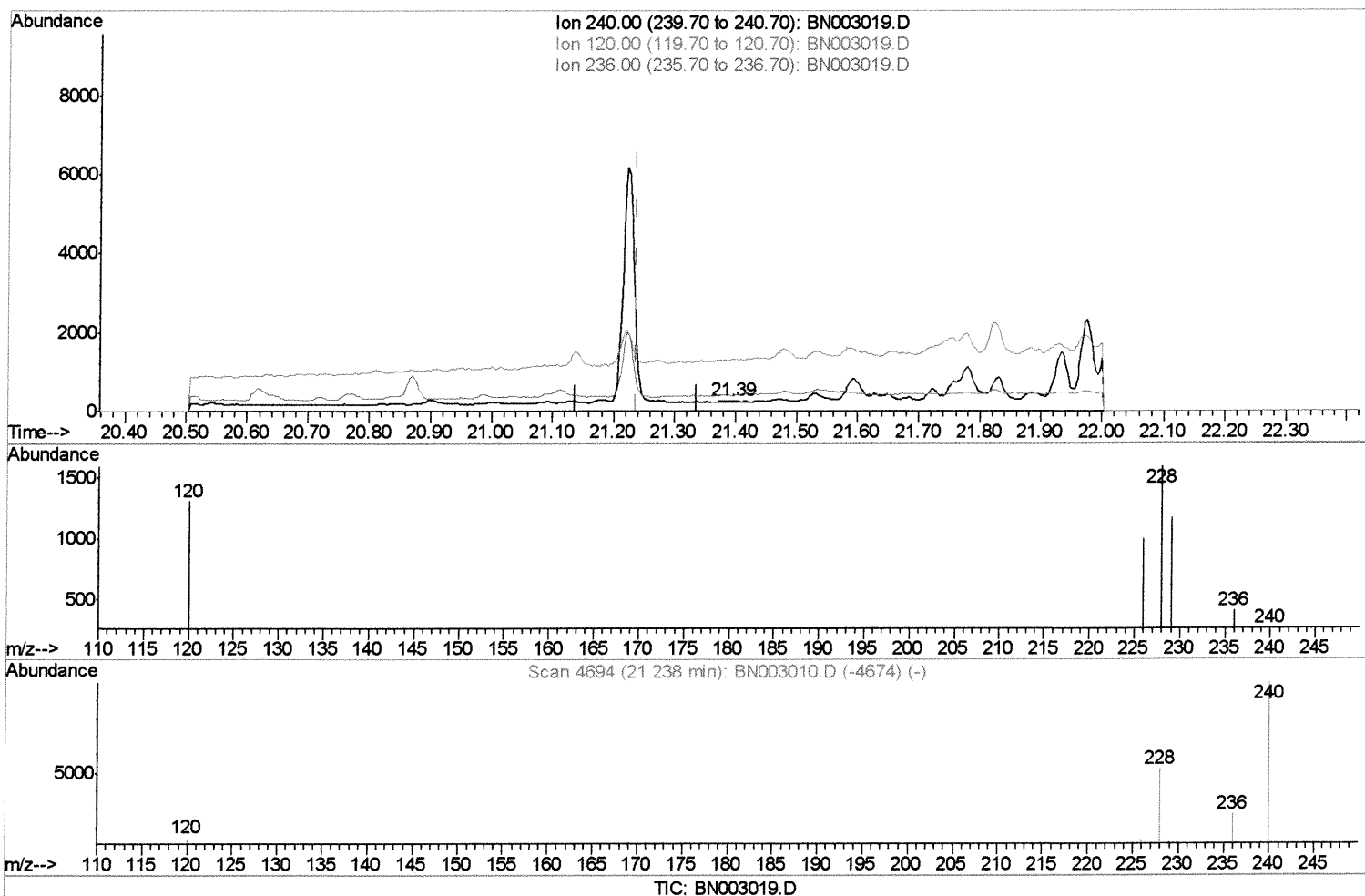
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(16) Chrysene-d12 (I)

21.393min (+0.155) 0.40ng/ul

response 73

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	499.62#
236.00	28.10	154.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

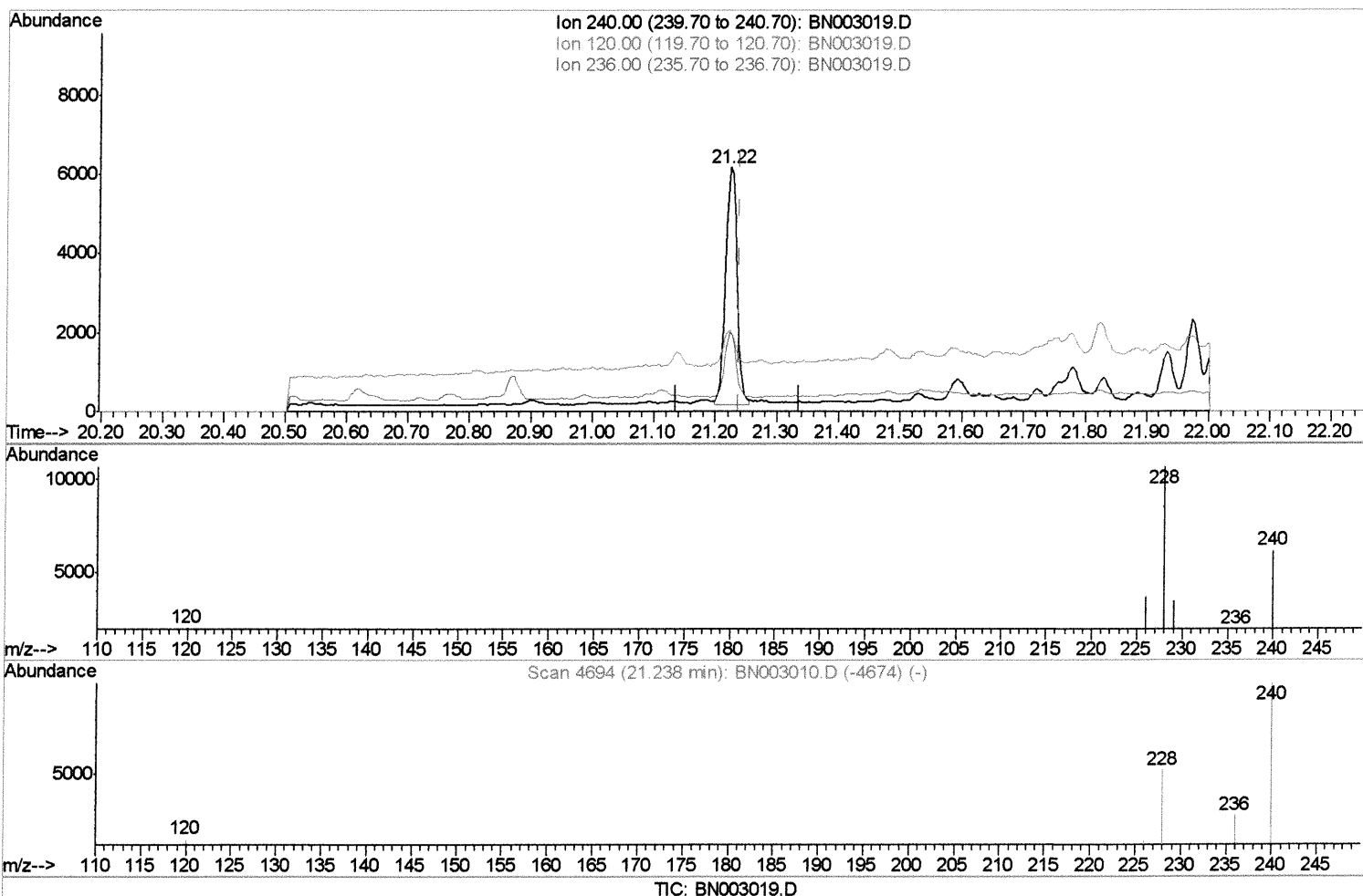
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(16) Chrysene-d12 (I)

21.223min (-0.014) 0.40ng/ul m

response 7684

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	33.71#
236.00	28.10	32.53
0.00	0.00	0.00

S J 10/10/18

Quantitation Report (Qedit)

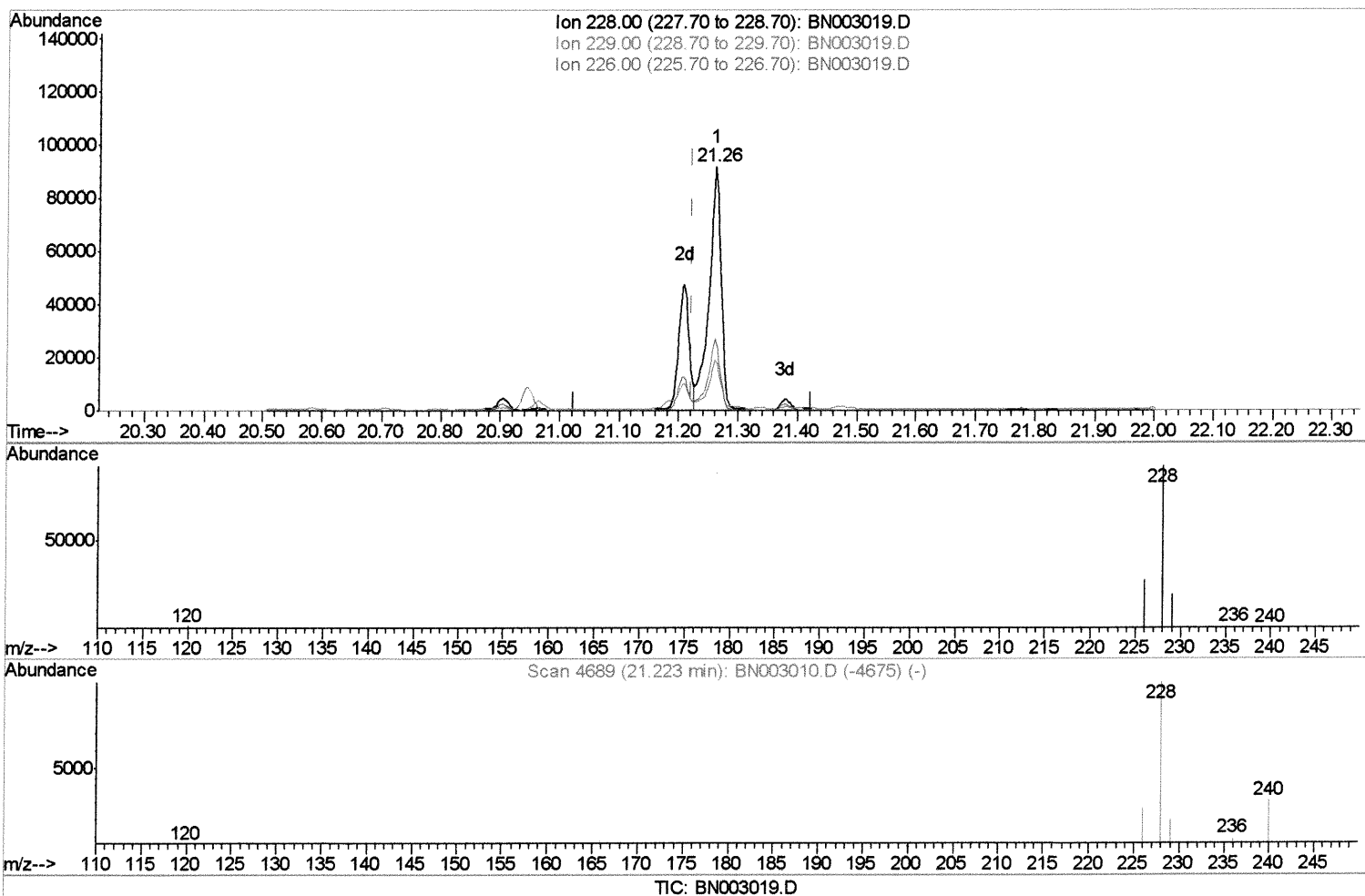
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 ALS Vial : 34 Sample Multiplier: 1

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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:57:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
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 QLast Update : Tue Oct 09 08:56:18 2018
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(18) Benzo(a)anthracene
 21.261min (+0.038) 5.22ng/ul
 response 129034

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.04
226.00	27.90	29.74
0.00	0.00	0.00

Quantitation Report (Qedit)

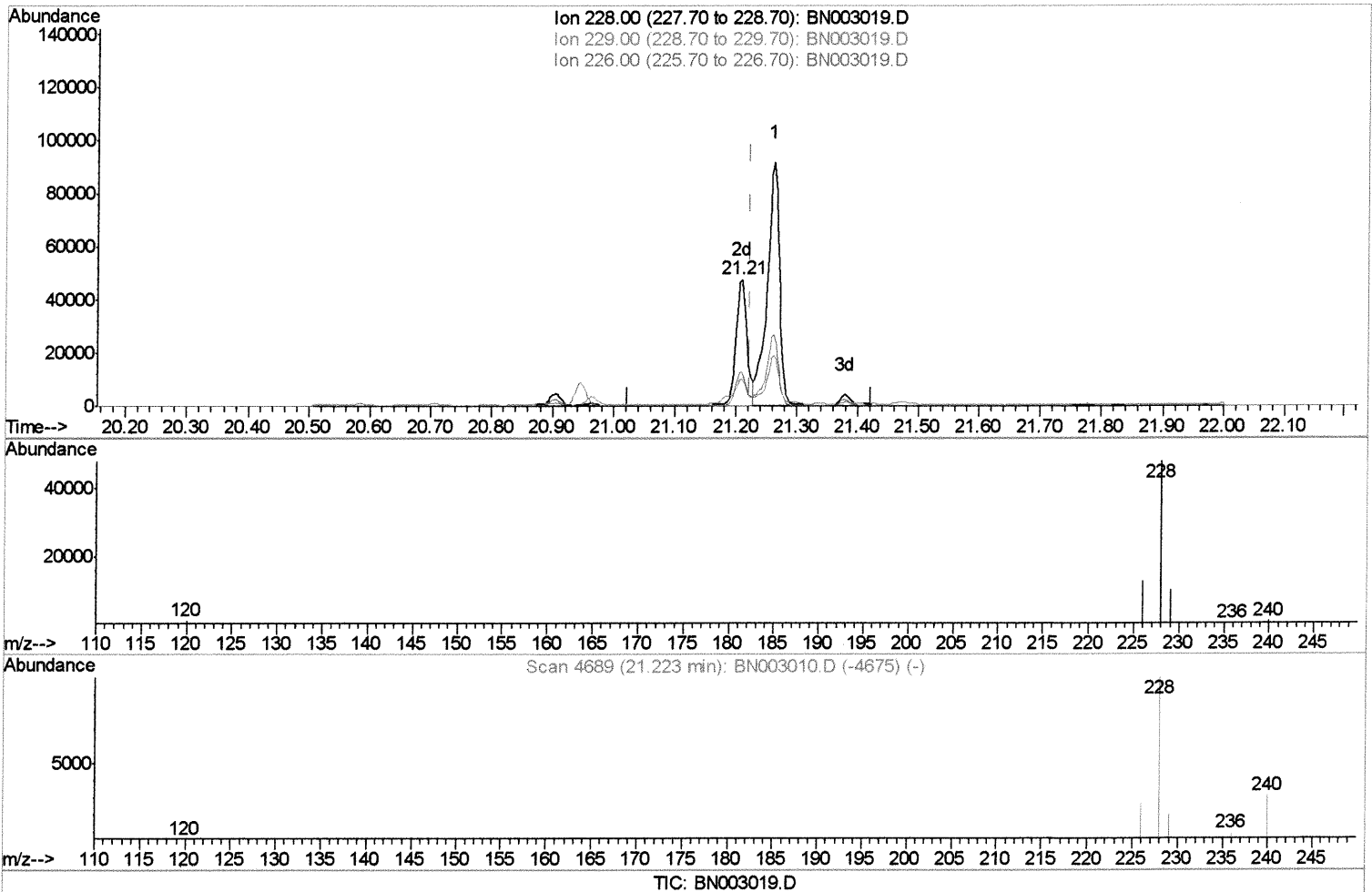
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Manual Integrations
 APPROVED

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(18) Benzo(a)anthracene

21.209min (-0.015) 2.45ng/ul m

SJ 10/10/18

response 60470

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.80
226.00	27.90	27.45
0.00	0.00	0.00

Quantitation Report (Qedit)

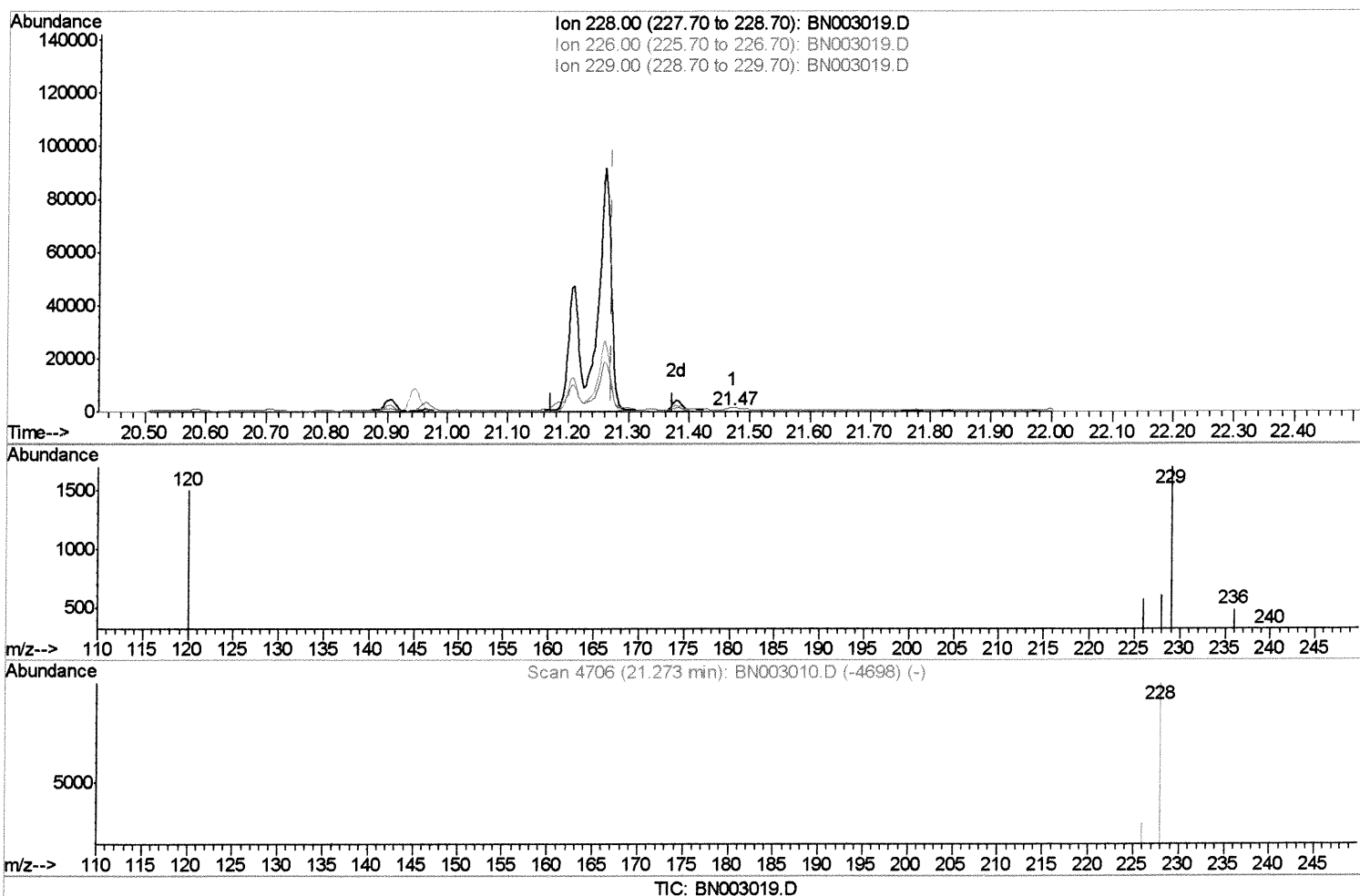
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Manual Integrations
 APPROVED

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(19) Chrysene

21.471min (+0.199) 0.01ng/ul

response 370

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	94.21#
229.00	20.90	279.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

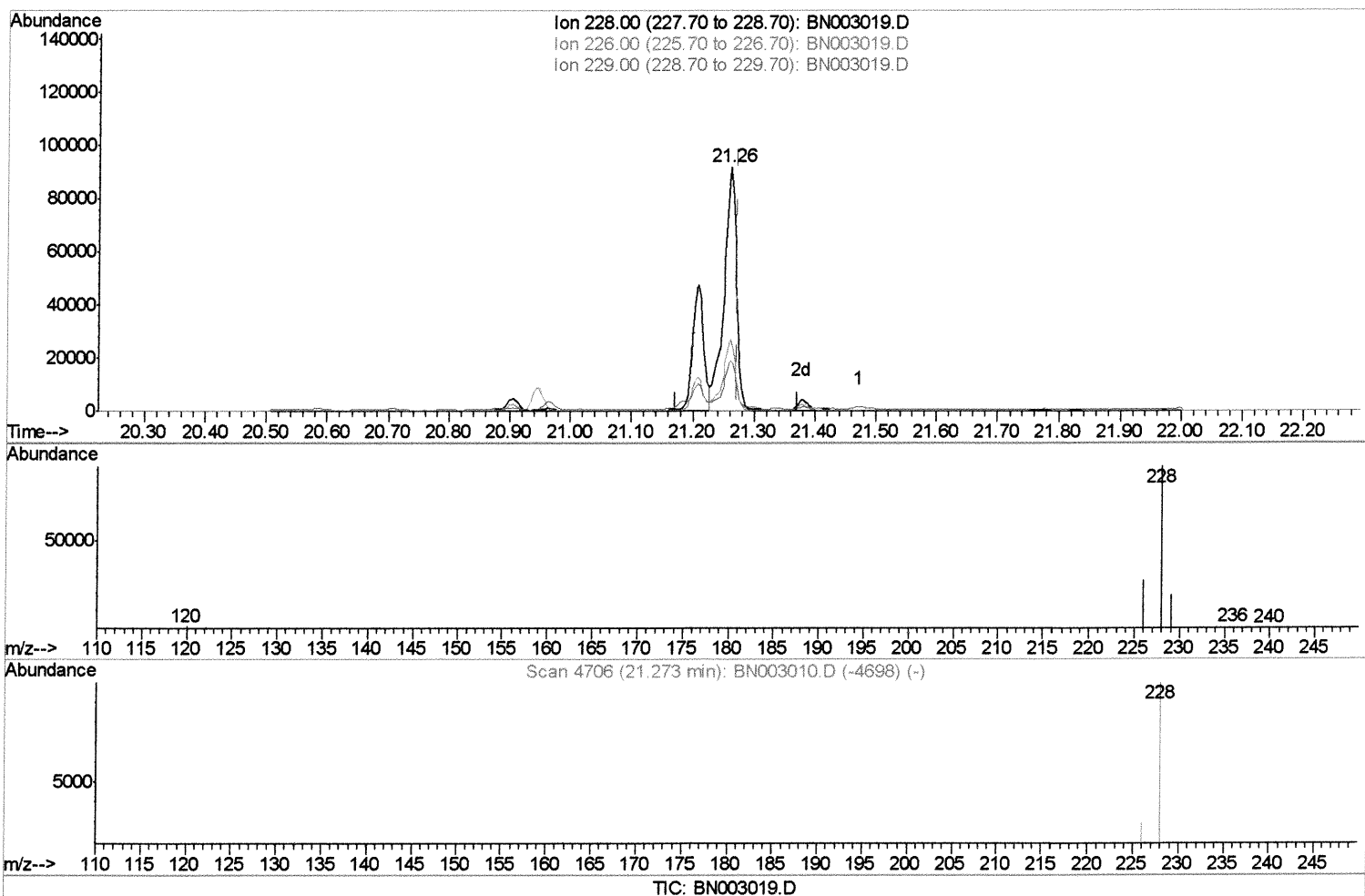
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(19) Chrysene

21.261min (-0.012) 5.20ng/ul m

SJ 10/10/18

response 130519

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	29.74
229.00	20.90	21.04
0.00	0.00	0.00

Quantitation Report (Qedit)

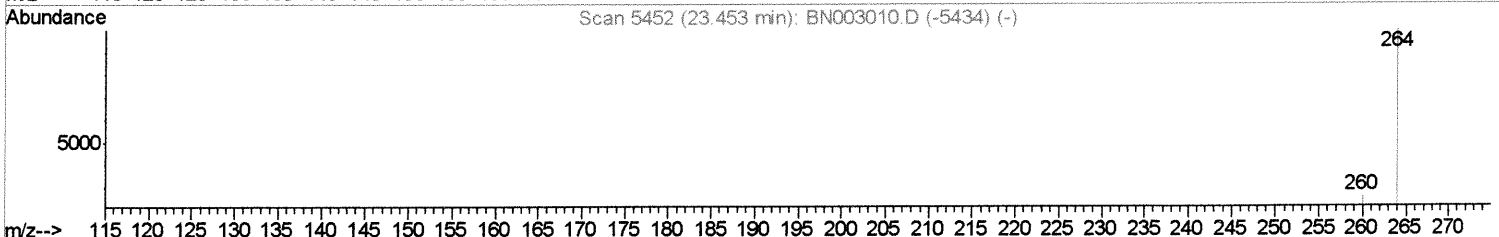
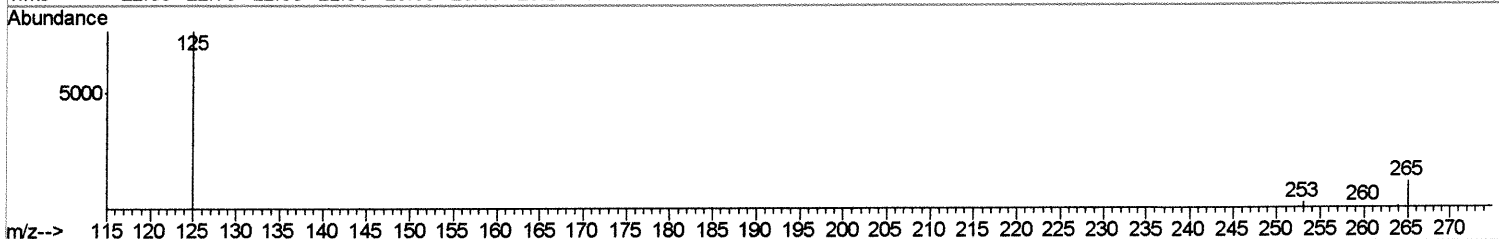
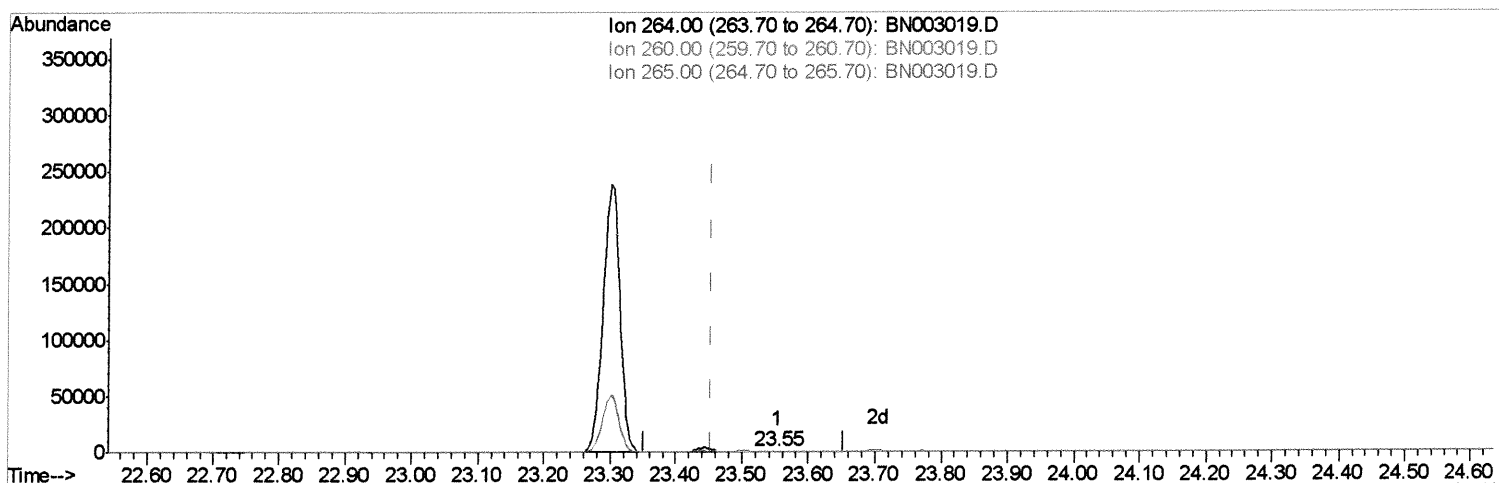
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TIC: BN003019.D

(20) Perylene-d12 (I)

23.553min (+0.099) 0.40ng/ul

response 400

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	90.76#
265.00	45.40	322.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

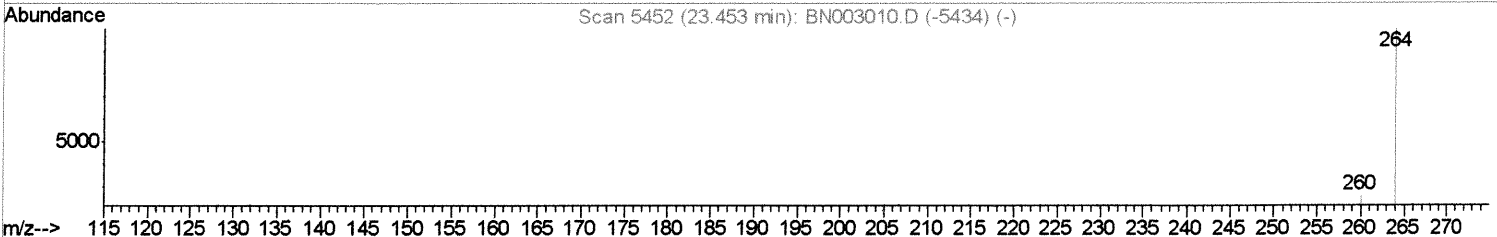
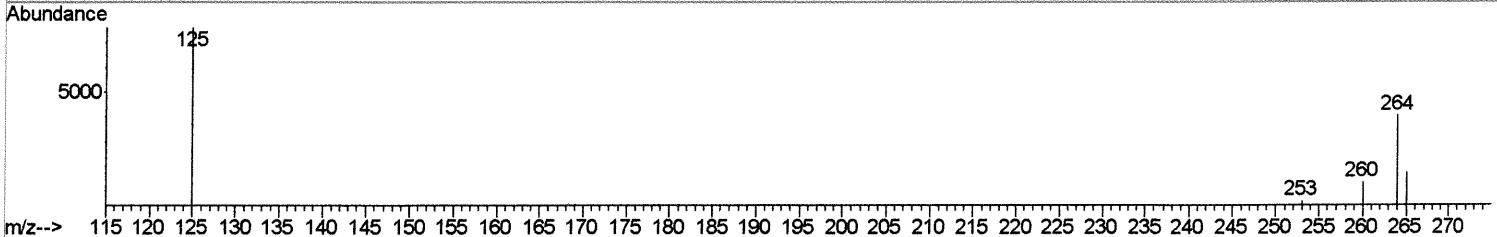
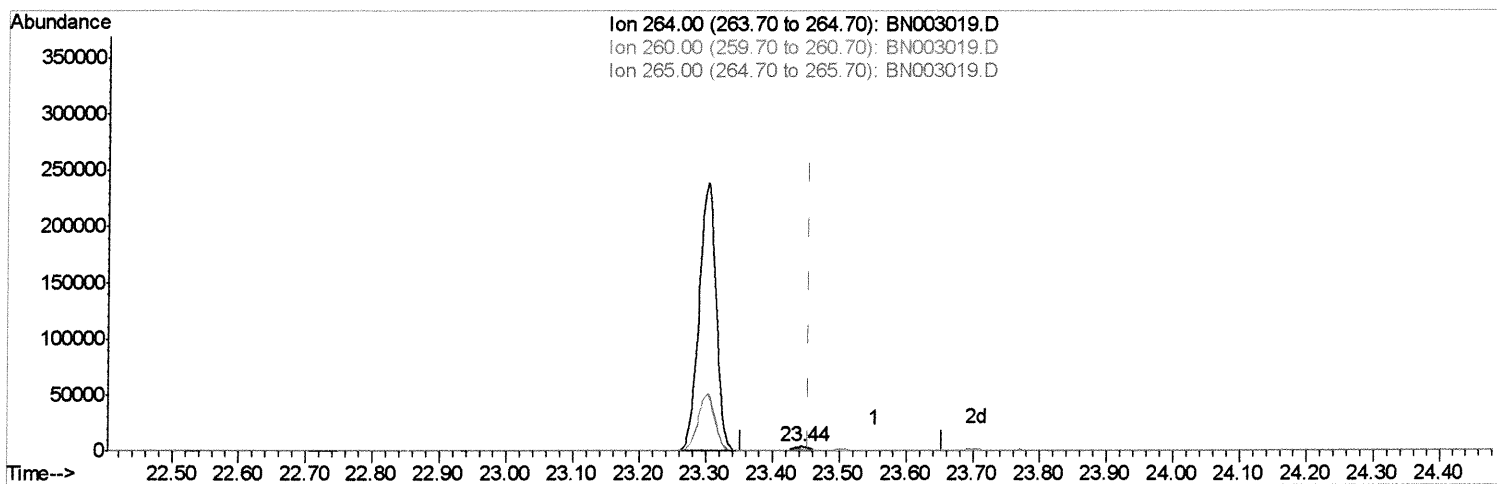
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TIC: BN003019.D

(20) Perylene-d12 (I)

23.444min (-0.009) 0.40ng/ul m

SJ 10/10/18

response 6977

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	33.03
265.00	45.40	42.84
0.00	0.00	0.00

Quantitation Report (Qedit)

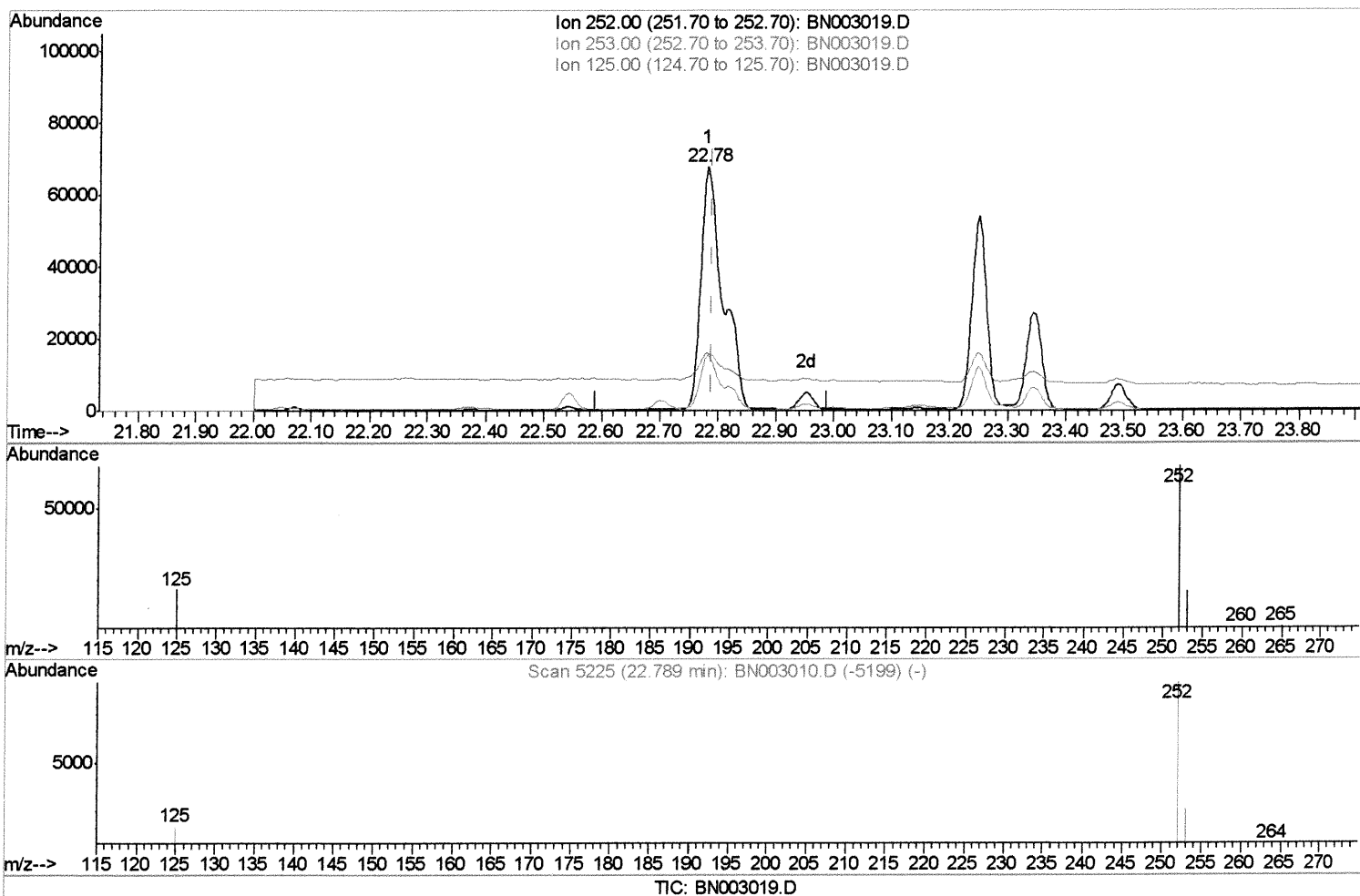
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(21) Benzo(b)fluoranthene
 22.781min (-0.009) 7.07ng/ul
 response 177706

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.84
125.00	17.10	24.14
0.00	0.00	0.00

Quantitation Report (Qedit)

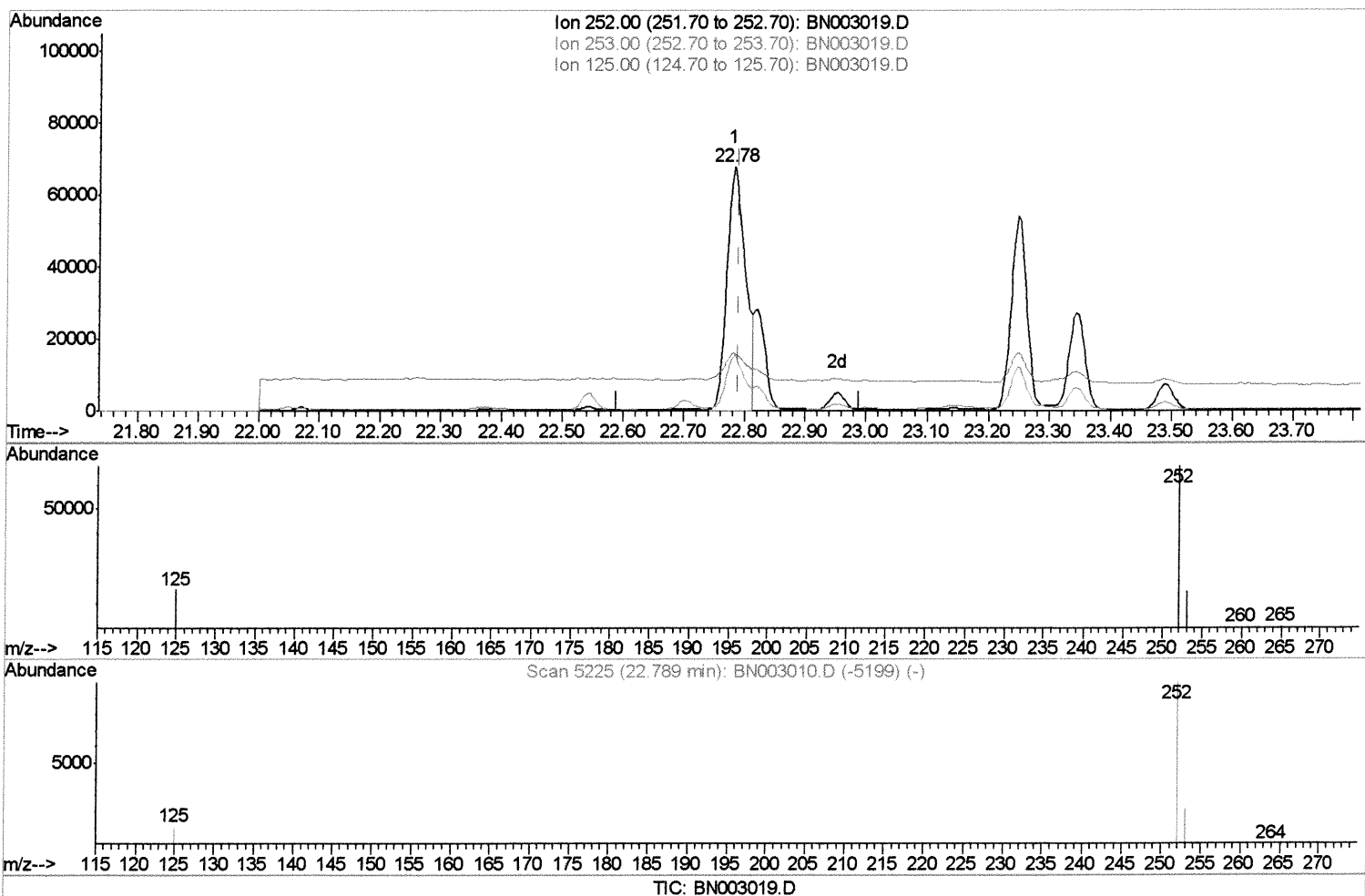
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.781min (-0.009) 5.77ng/ul m

SJ 10/10/18

response 144997

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.84
125.00	17.10	24.14
0.00	0.00	0.00

Quantitation Report (Qedit)

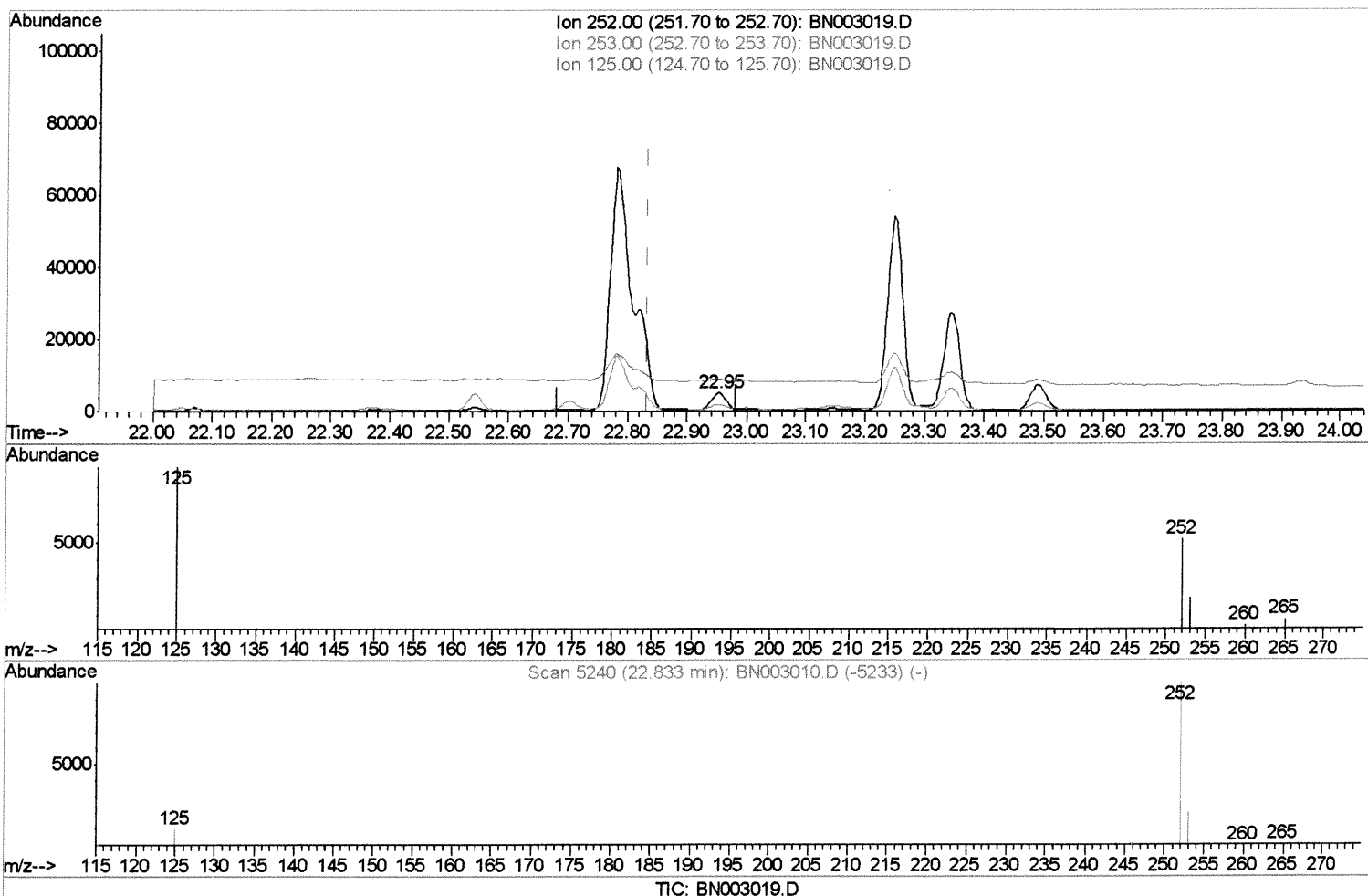
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.953min (+0.120) 0.33ng/ul
 response 8471

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.71#
125.00	17.60	175.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

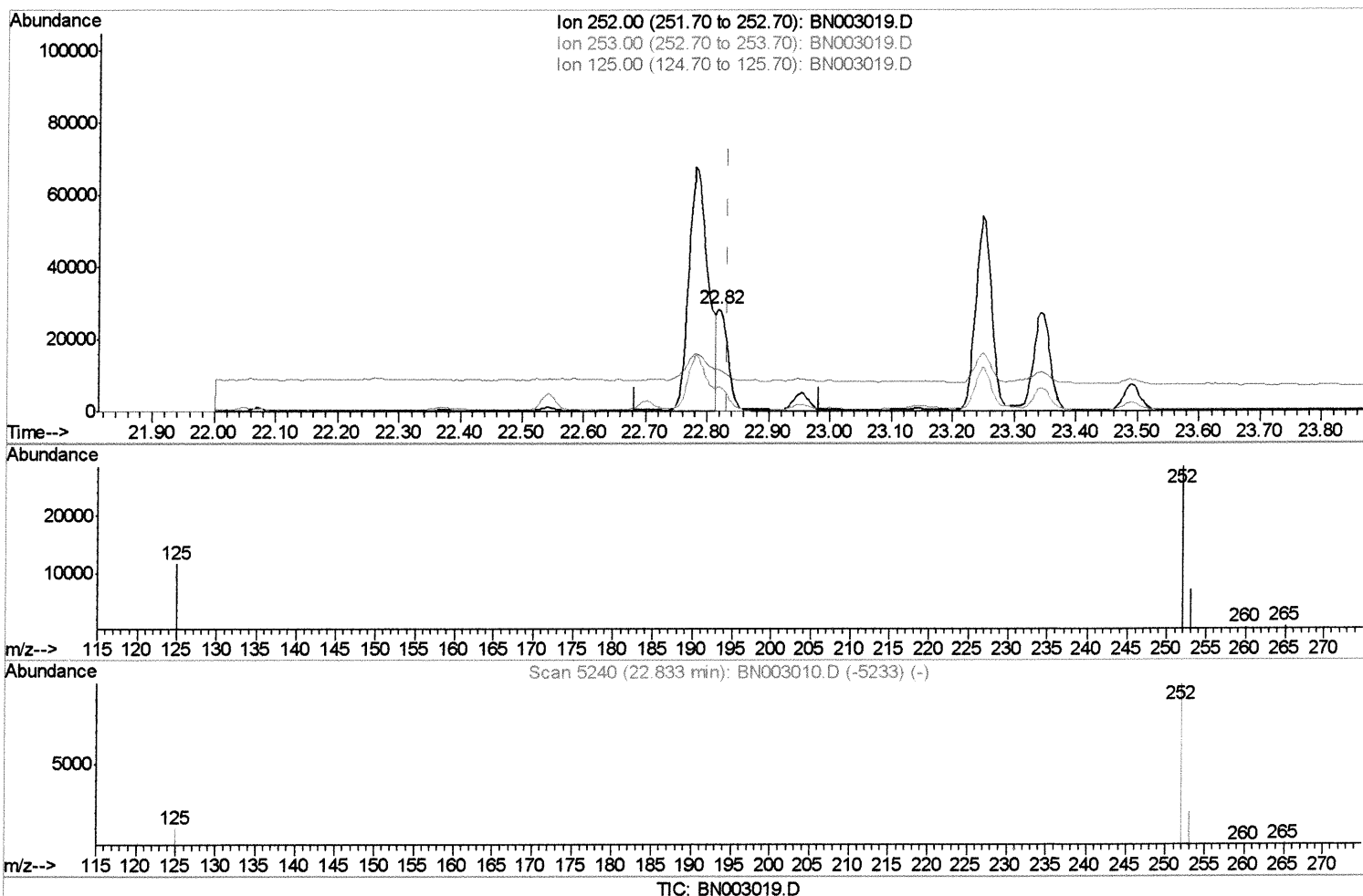
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.819min (-0.015) 1.39ng/ul m

SJ 10/10/18

response 36185

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.54
125.00	17.60	40.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

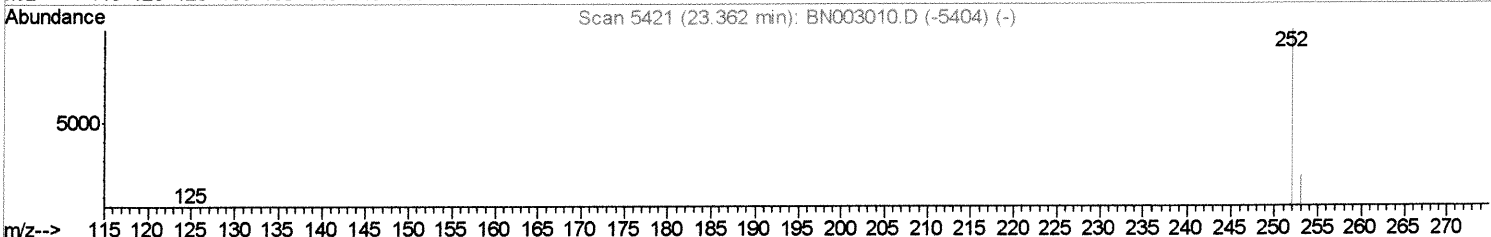
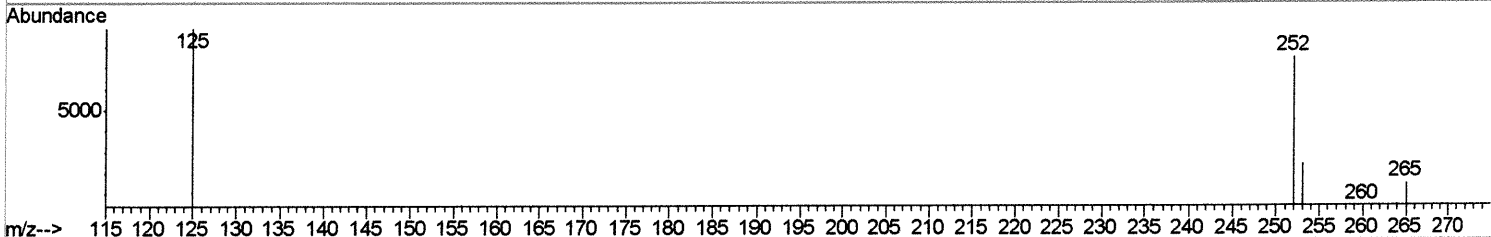
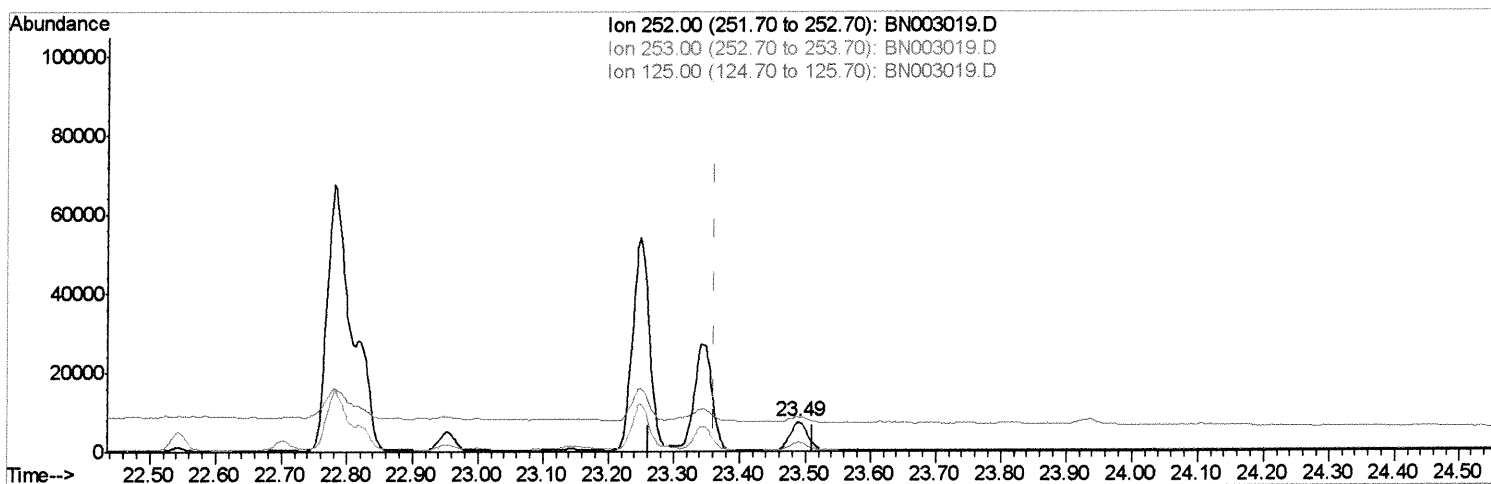
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



TIC: BN003019.D

(23) Benzo(a)pyrene (C)
 23.488min (+0.126) 0.59ng/ul
 response 13353

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	31.66
125.00	21.10	118.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

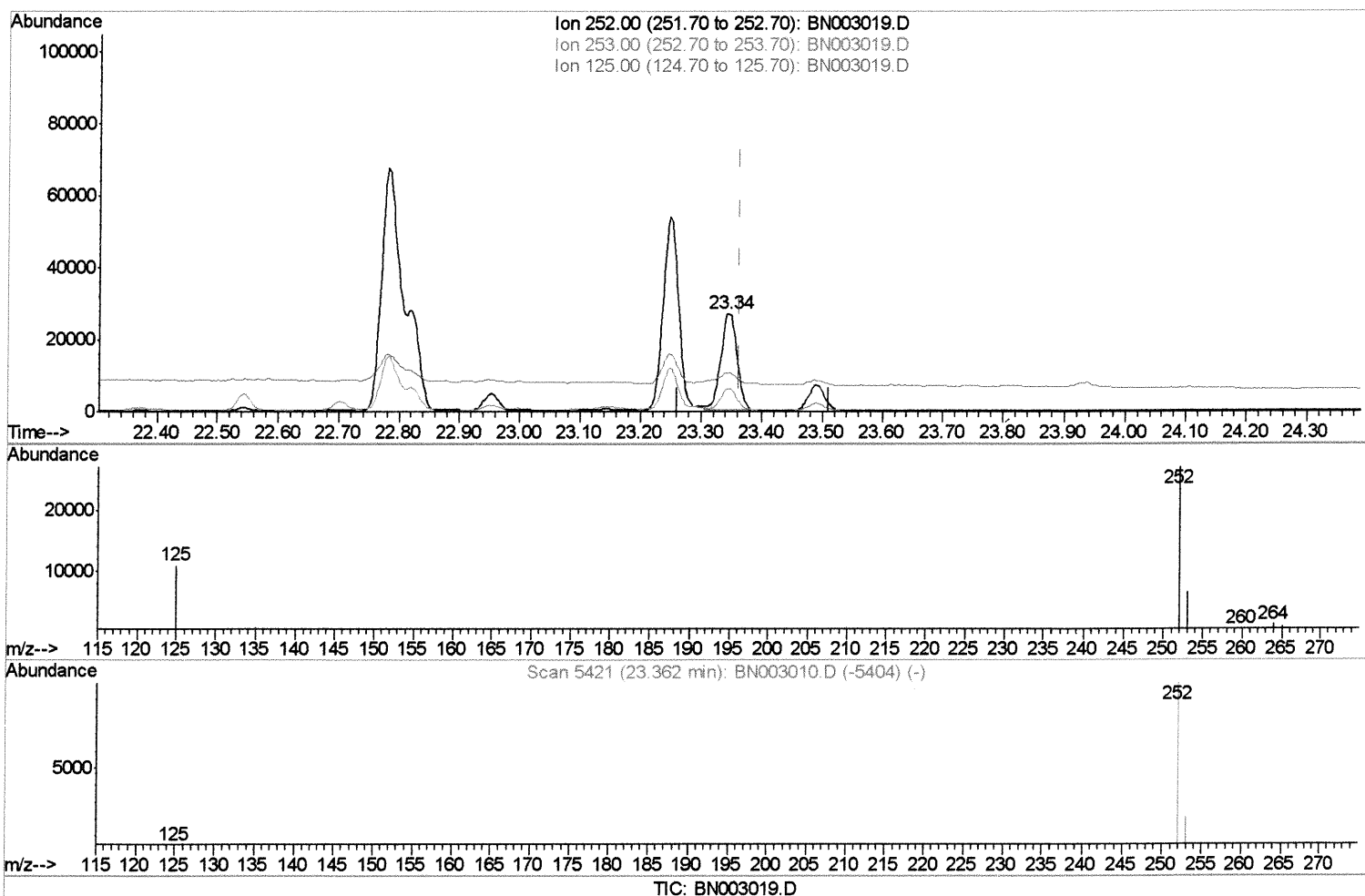
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.345min (-0.017) 2.22ng/ul m

SJ 10/10/18

response 50078

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	24.17
125.00	21.10	40.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

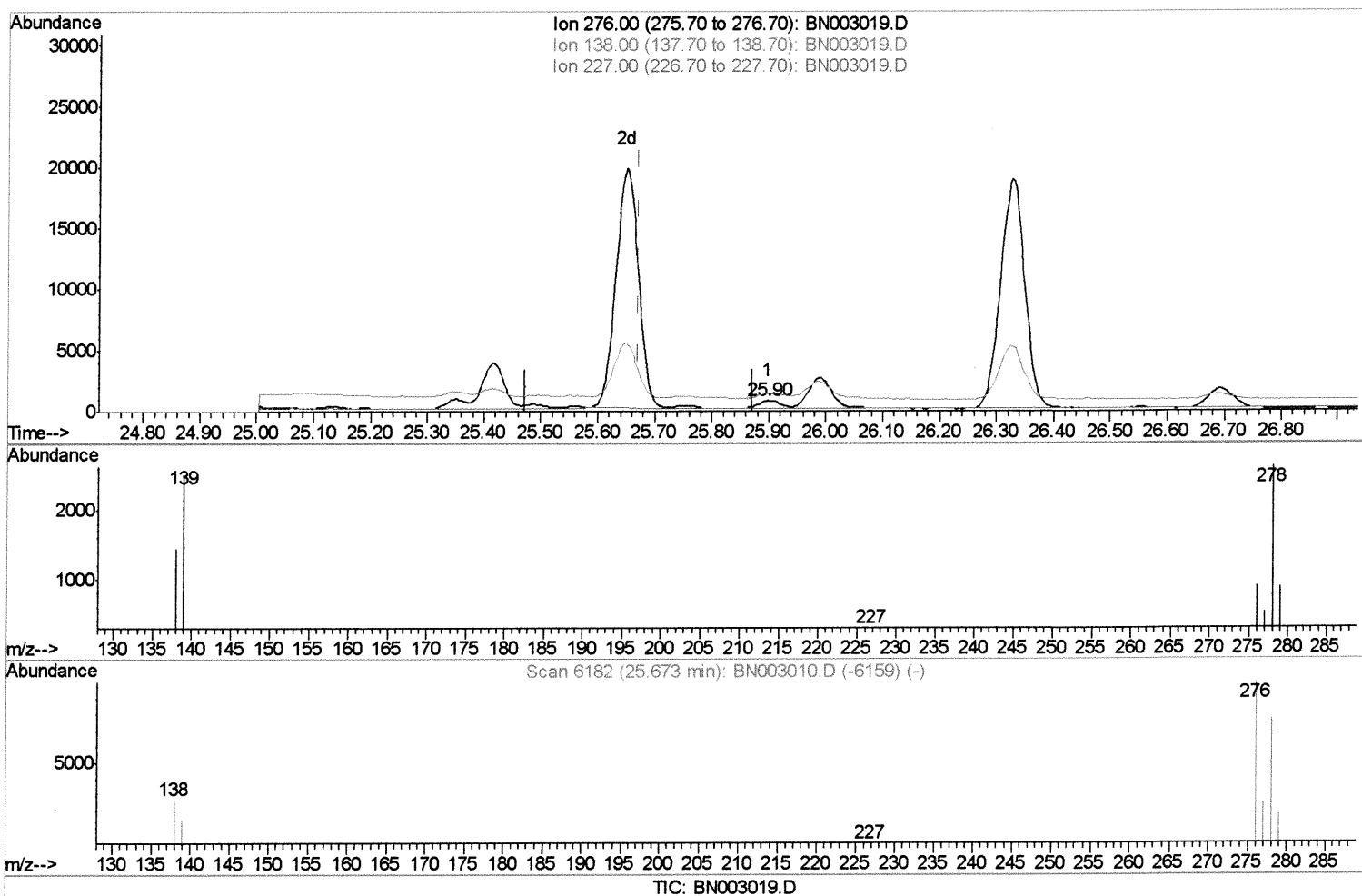
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



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

25.898min (+0.225) 0.07ng/ul

response 1752

Ion	Exp%	Act%
276.00	100	100
138.00	26.90	67.87#
227.00	0.40	3.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

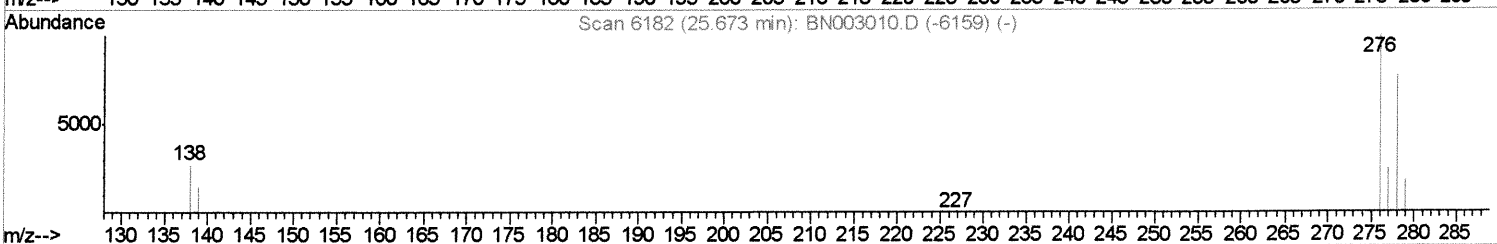
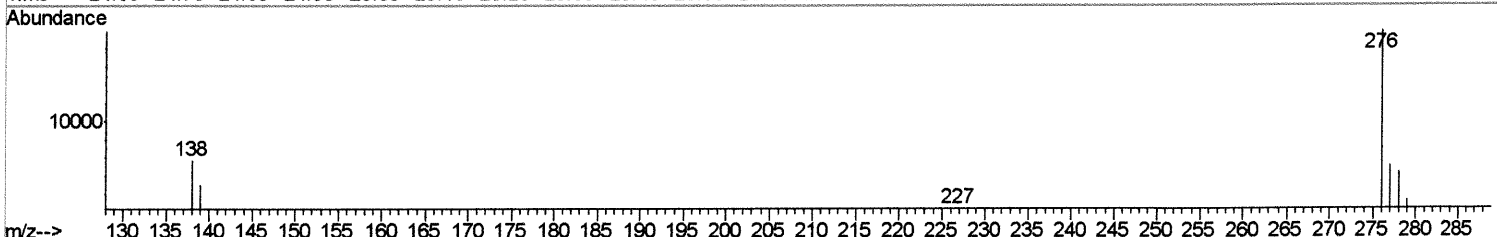
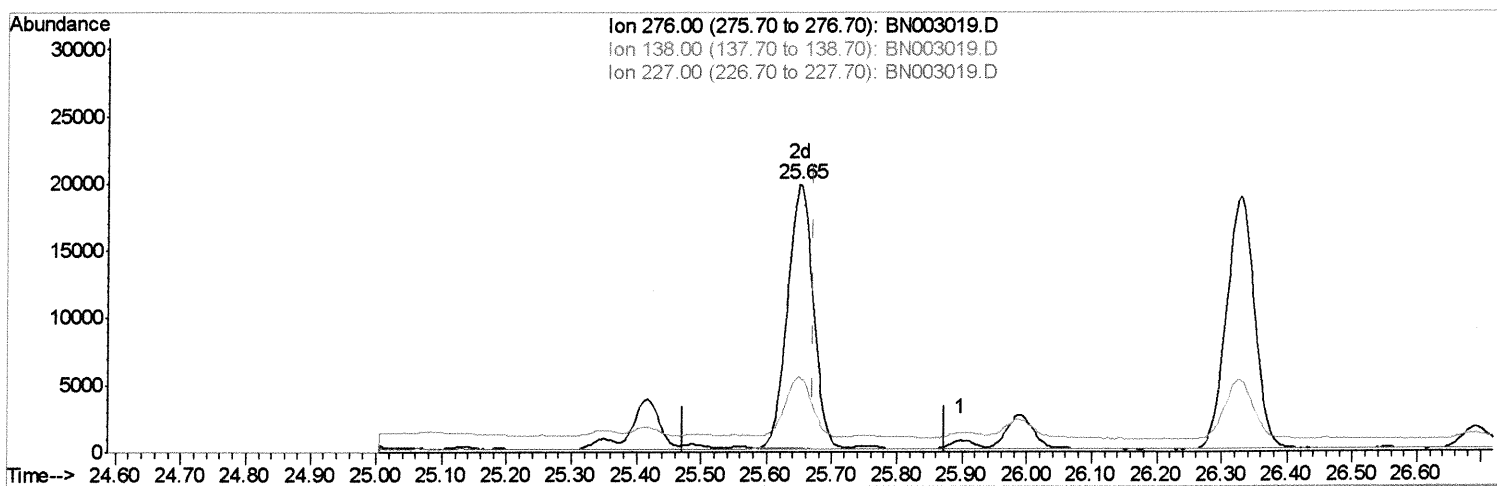
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



TIC: BN003019.D

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

25.650min (-0.023) 2.10ng/ul m

SJ 10/10/18

response 54382

Ion	Exp%	Act%
276.00	100	100
138.00	26.90	2.19#
227.00	0.40	0.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

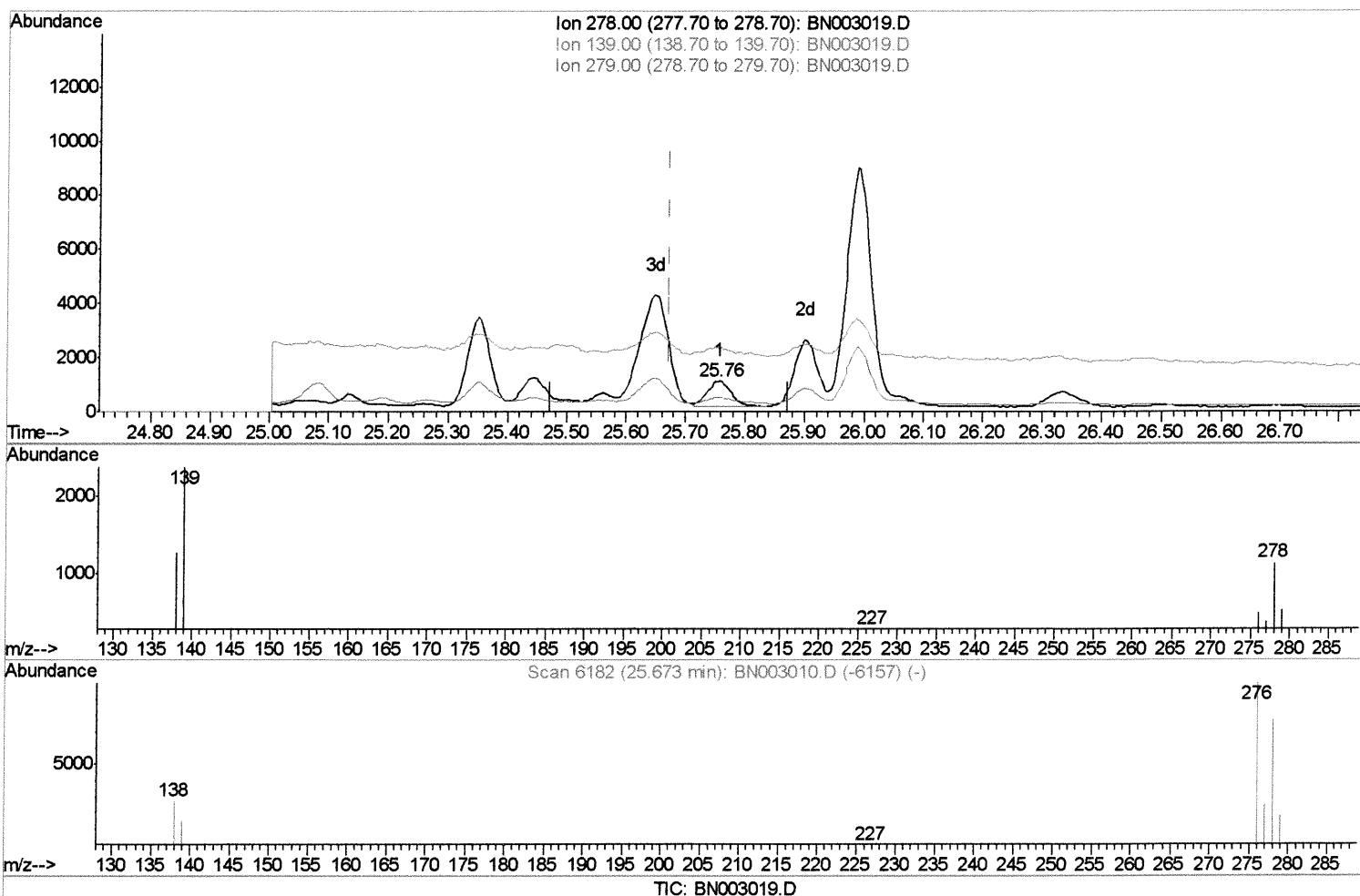
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.757min (+0.084) 0.12ng/ul

response 2509

Ion	Exp%	Act%
278.00	100	100
139.00	25.30	209.47#
279.00	29.80	47.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

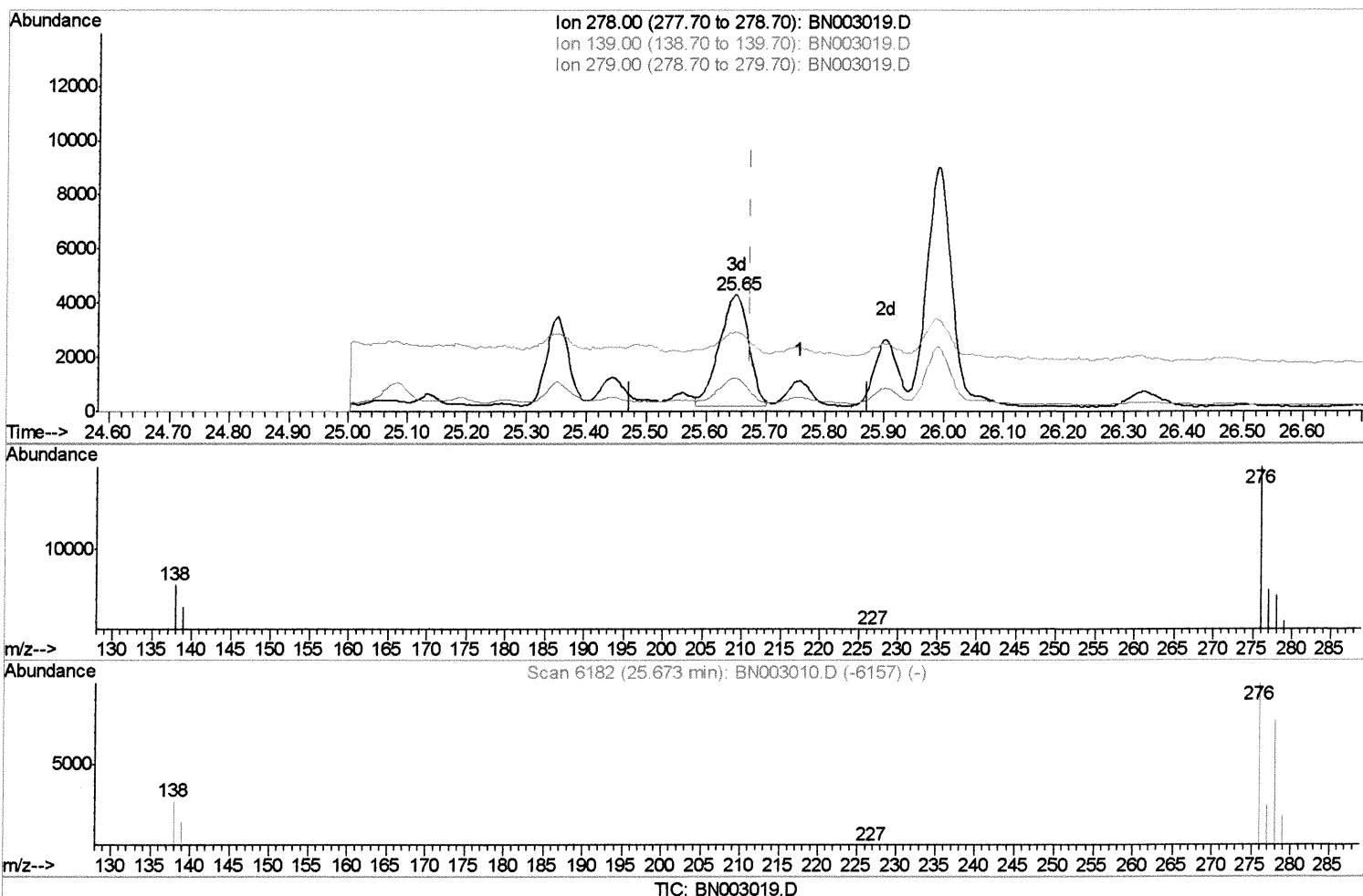
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 10:58:30 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.650min (-0.023) 0.67ng/ul m

SJ 10/10/18

response 13957

Ion	Exp%	Act%
278.00	100	100
139.00	25.30	68.94#
279.00	29.80	28.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100918\
 Data File : BN003019.D
 Acq On : 09 Oct 2018 10:10
 Operator : MJ/SJ
 Sample : J5115-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC46

Manual Integrations
 APPROVED

Sohil
 10/9/2018 5:38:33 PM

Quant Time: Oct 09 11:00:35 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1081	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	4744	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7321m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7684m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6977m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	2273	0.31	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	6896m	0.33	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.44	128	1026	0.084	ng/ul#	87
5) 2-Methylnaphthalene	12.08	142	839	0.100	ng/ul	97
7) Acenaphthylene	13.98	152	1700	0.123	ng/ul#	90
8) Acenaphthene	14.32	153	539	0.051	ng/ul#	93
9) Fluorene	15.32	166	593	0.049	ng/ul#	92
12) Phenanthrene	17.06	178	21620	1.059	ng/ul	100
13) Anthracene	17.15	178	6265m	0.325	ng/ul	
15) Fluoranthene	19.09	202	88419m	3.693	ng/ul	
17) Pyrene	19.45	202	96864	3.246	ng/ul	96
18) Benzo(a)anthracene	21.21	228	60470m	2.445	ng/ul	
19) Chrysene	21.26	228	130519m	5.198	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	144997m	5.771	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	36185m	1.389	ng/ul	
23) Benzo(a)pyrene	23.34	252	50078m	2.224	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	54382m	2.102	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	13957m	0.674	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	55935	2.563	ng/ul	97

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