

Quantitation Report (QT Reviewed)

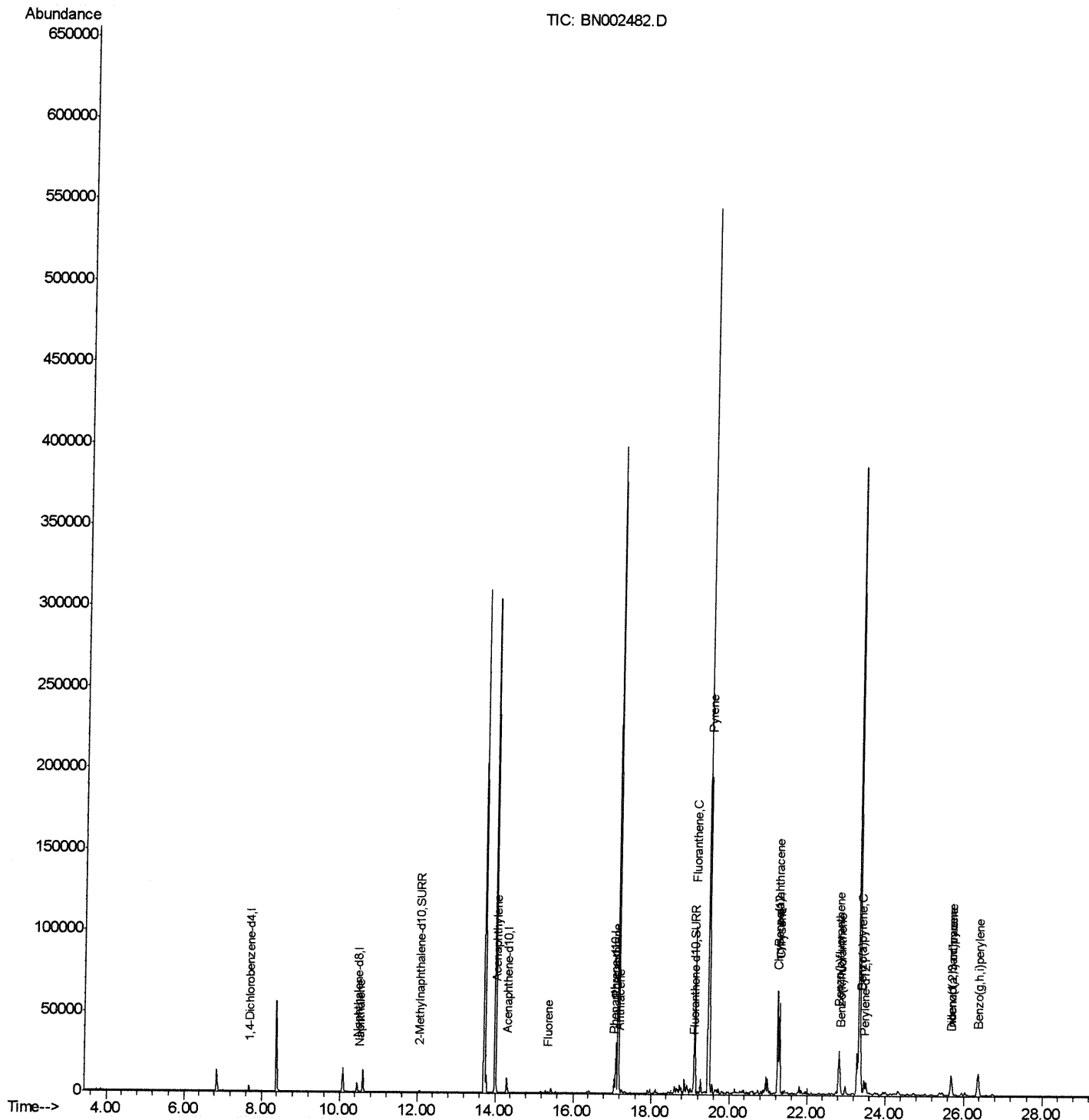
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:24:42 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)

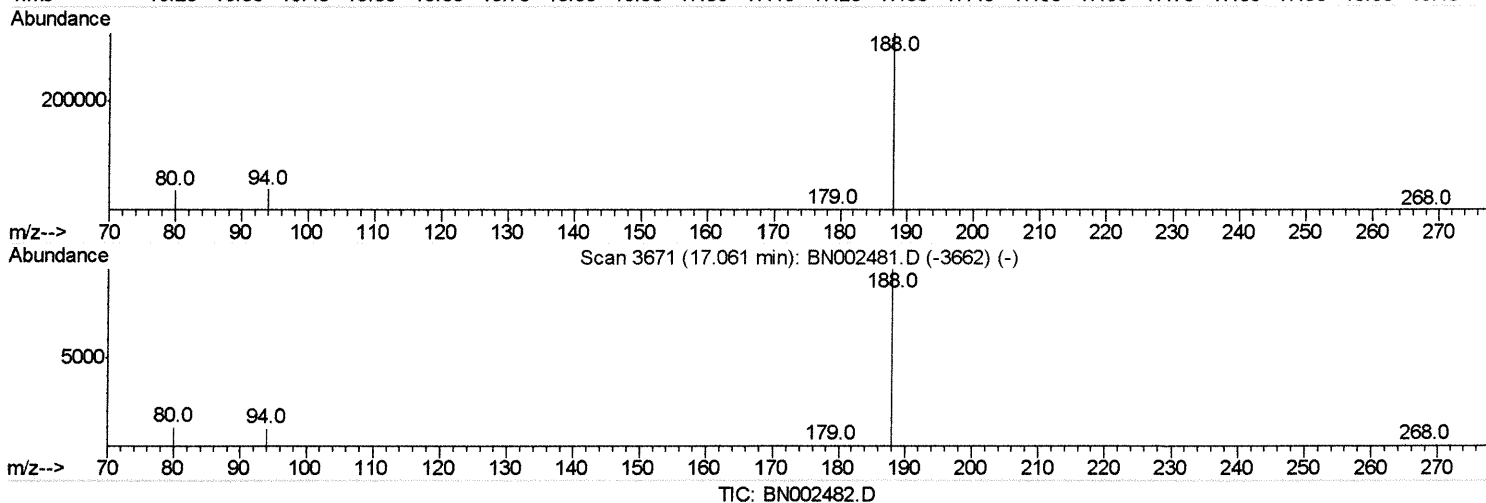
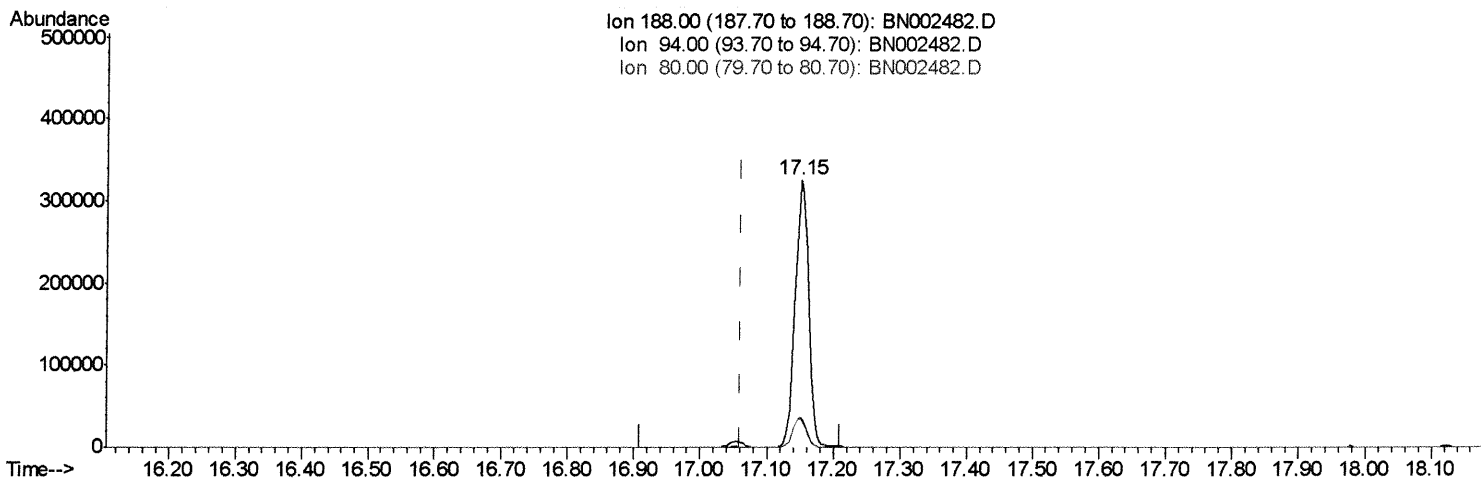
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002482.D
Acq On : 24 Aug 2018 00:50
Operator : JU/SJ
Sample : J4421-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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C0AA7

Manual Integrations
APPROVED

Sohil
8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:18:05 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 456168

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.57
80.00	11.80	10.94
0.00	0.00	0.00

Quantitation Report (Qedit)

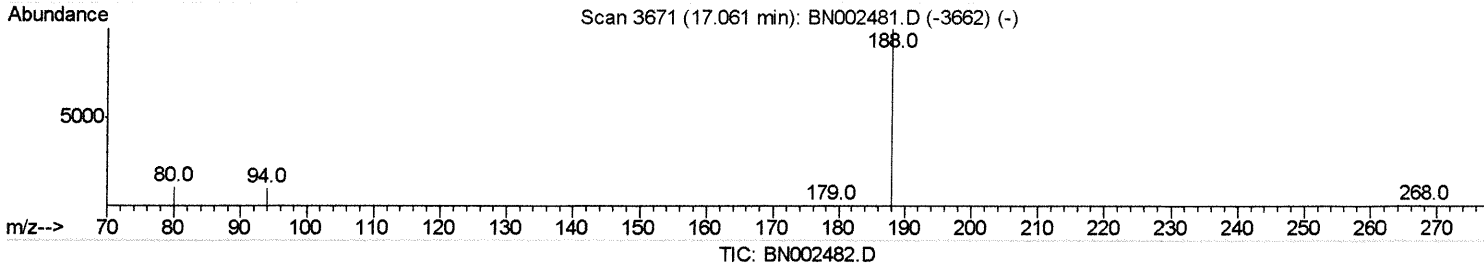
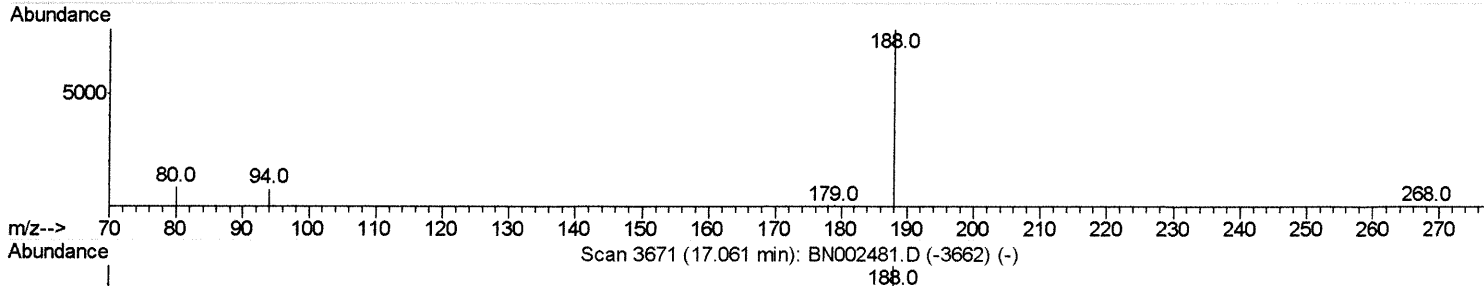
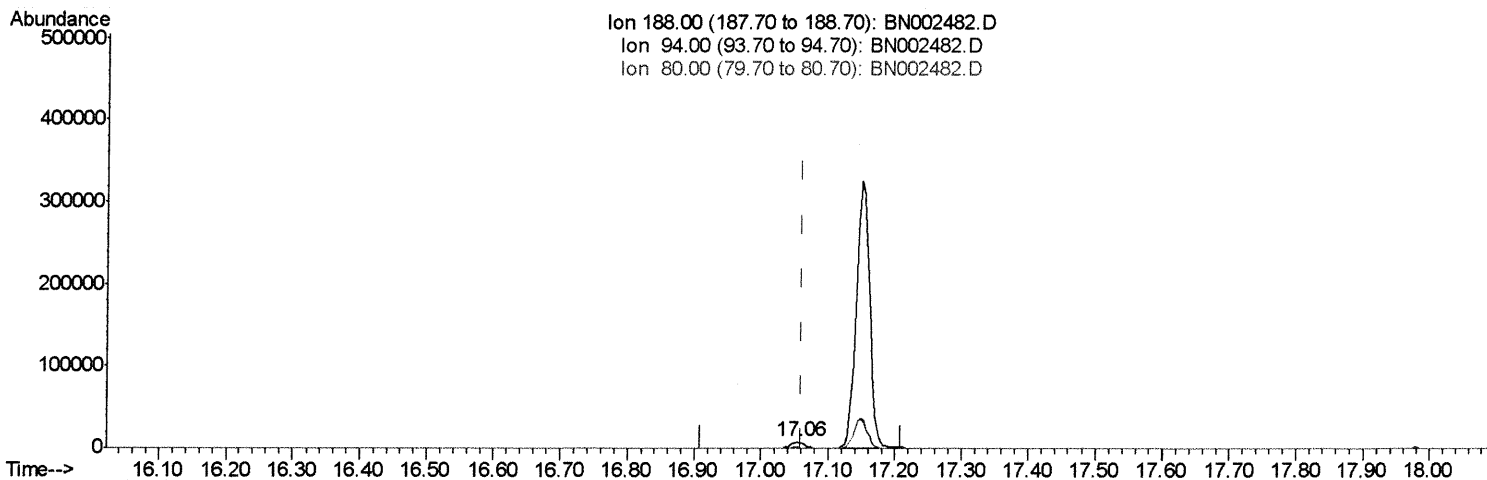
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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Sohil
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(10) Phenanthrene-d10 (I)

17.056min (-0.004) 0.40ng/ul m

SJ 8/27/18

response 11209

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.20
80.00	11.80	11.31
0.00	0.00	0.00

Quantitation Report (Qedit)

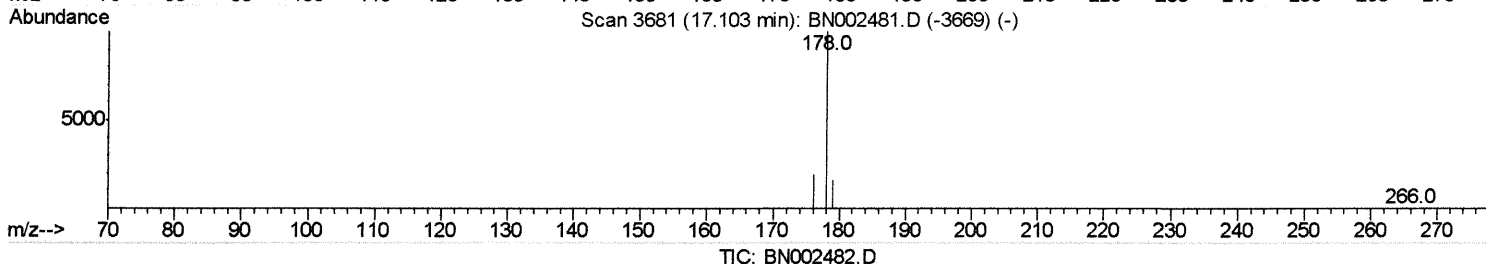
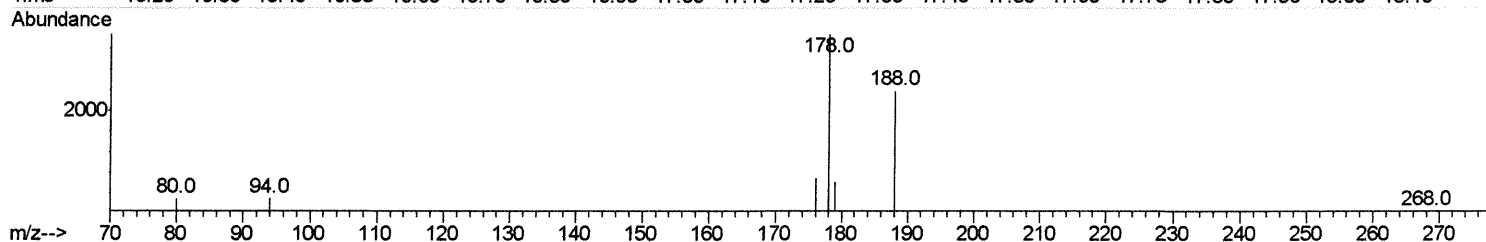
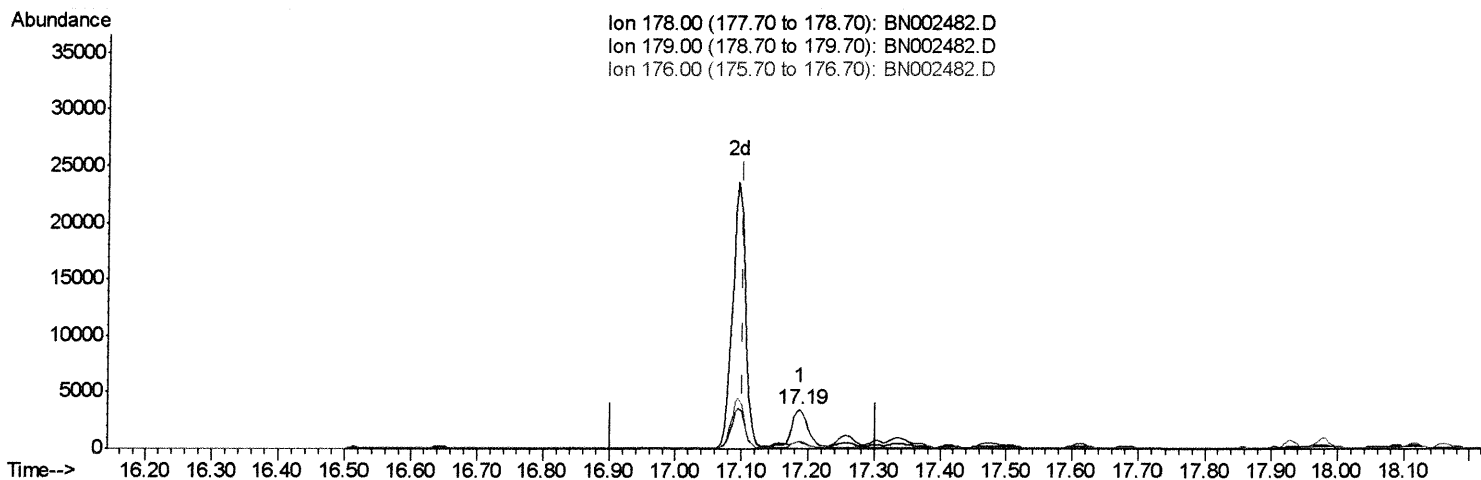
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(12) Phenanthrene

17.187min (+0.084) 0.16ng/ul

response 5463

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.40#
176.00	17.00	19.81
0.00	0.00	0.00

Quantitation Report (Qedit)

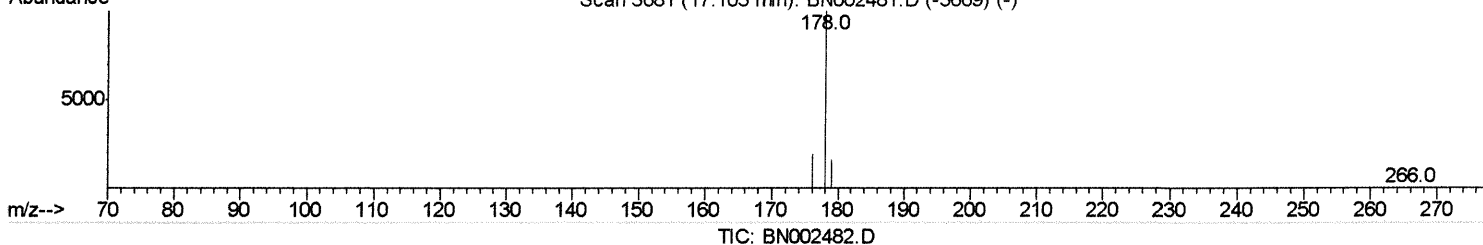
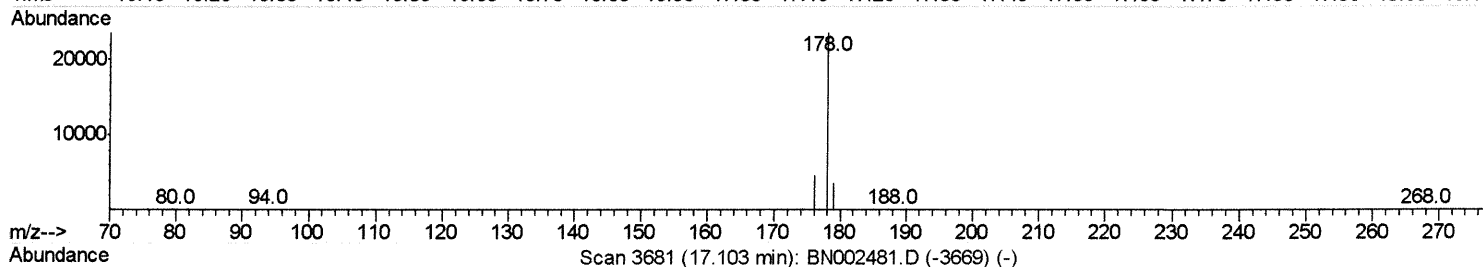
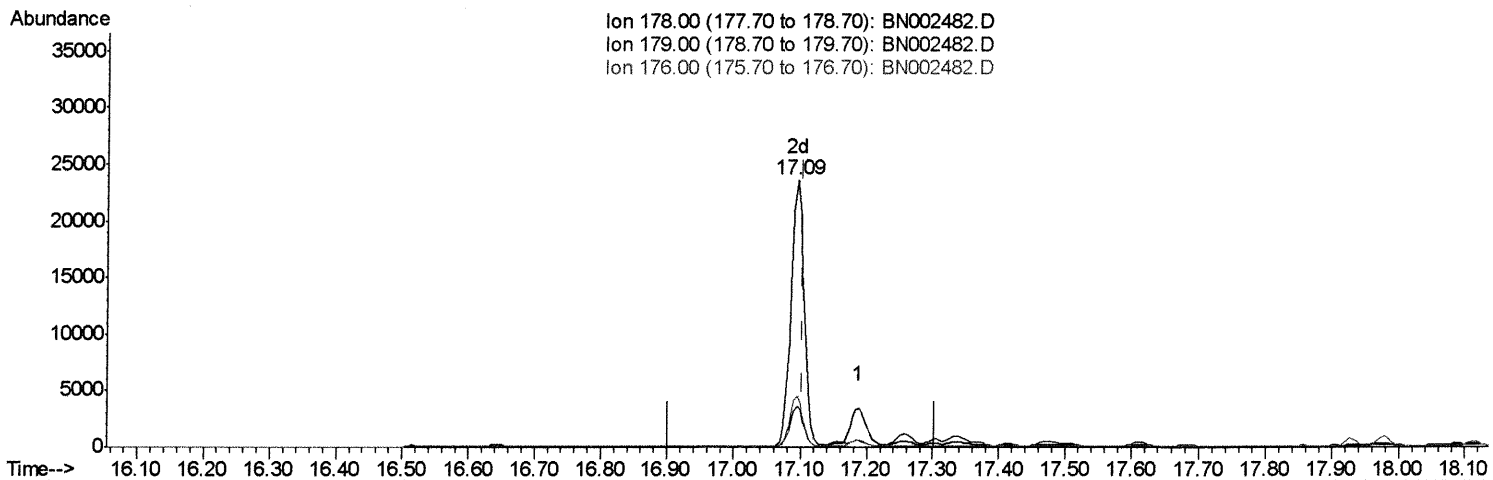
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 ClientSampleId :
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Manual Integrations
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(12) Phenanthrene

17.094min (-0.009) 0.98ng/ul m

SJ 8/27/18

response 32397

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.42#
176.00	17.00	19.01
0.00	0.00	0.00

Quantitation Report (Qedit)

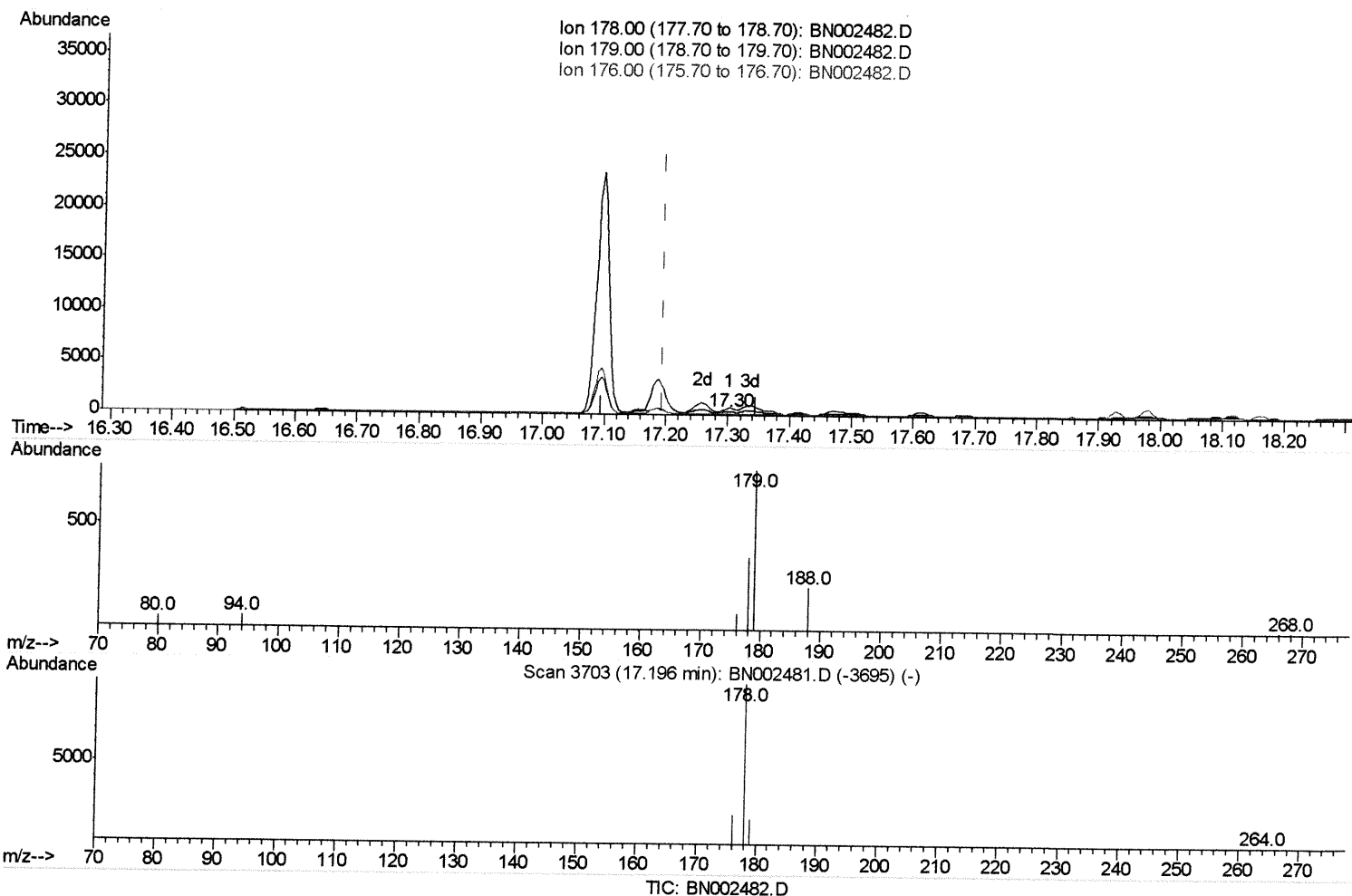
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 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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(13) Anthracene

17.301min (+0.105) 0.01ng/ul

response 249

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	204.92#
176.00	18.40	32.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

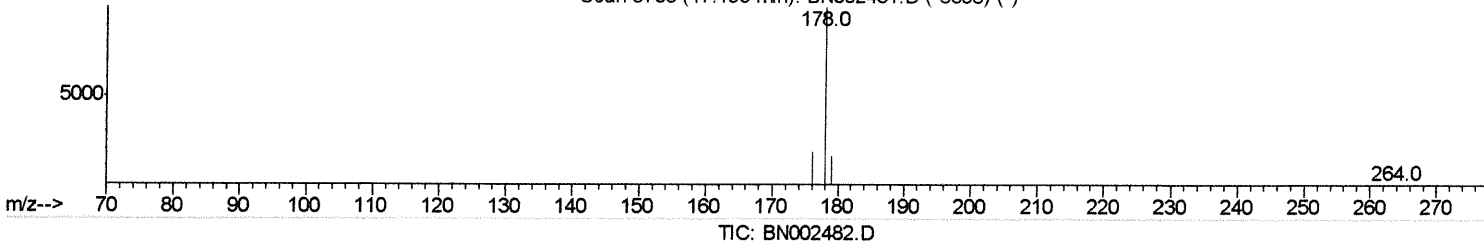
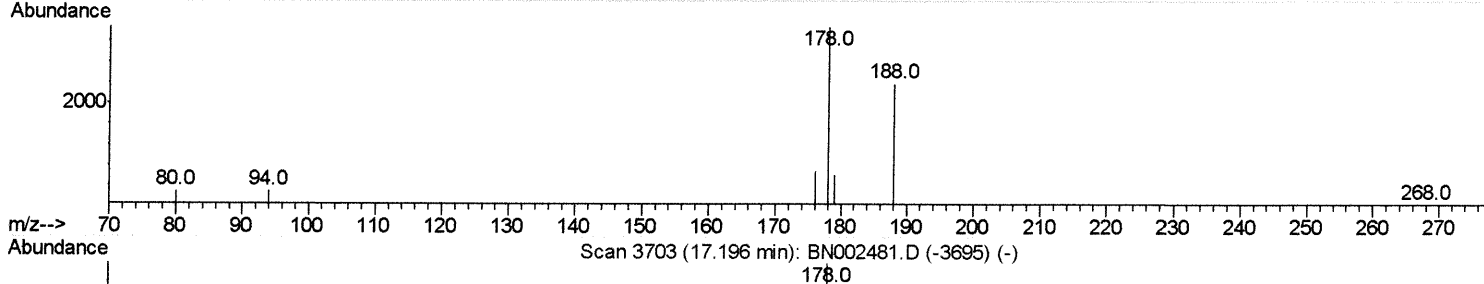
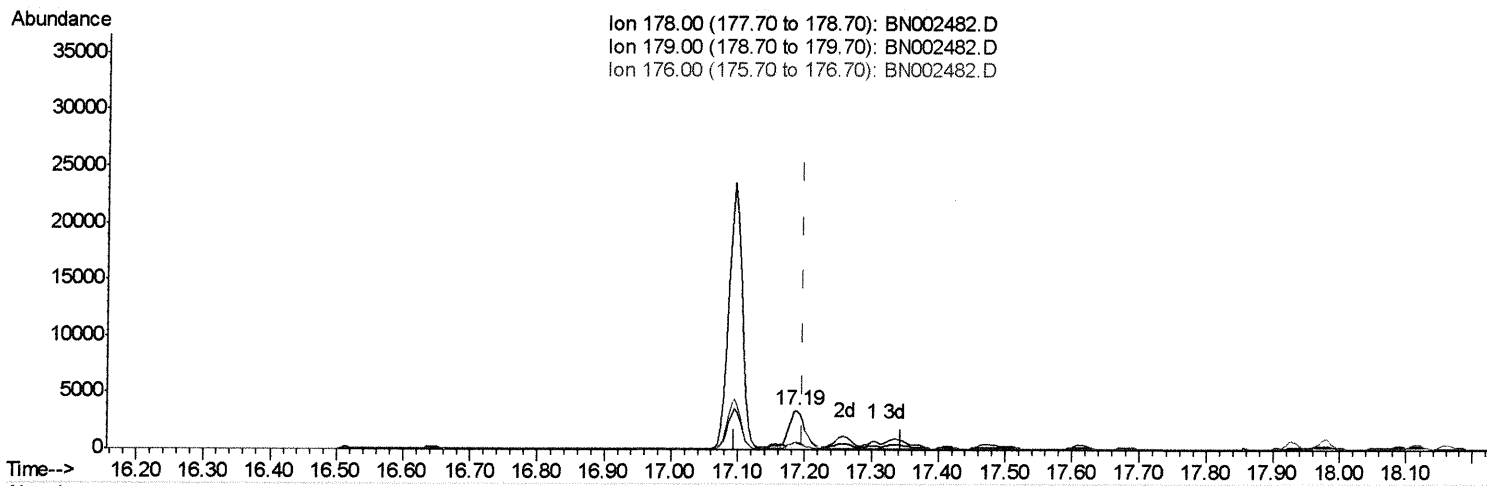
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002482.D
Acq On : 24 Aug 2018 00:50
Operator : JU/SJ
Sample : J4421-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA7

Manual Integrations
APPROVED

Sohil
8/24/2018 5:11:53 PM

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QLast Update : Fri Aug 24 02:20:09 2018
Response via : Initial Calibration



(13) Anthracene

17.187min (-0.009) 0.18ng/ul m

51 8/27/18

response 5271

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	17.40#
176.00	18.40	19.81
0.00	0.00	0.00

Quantitation Report (Qedit)

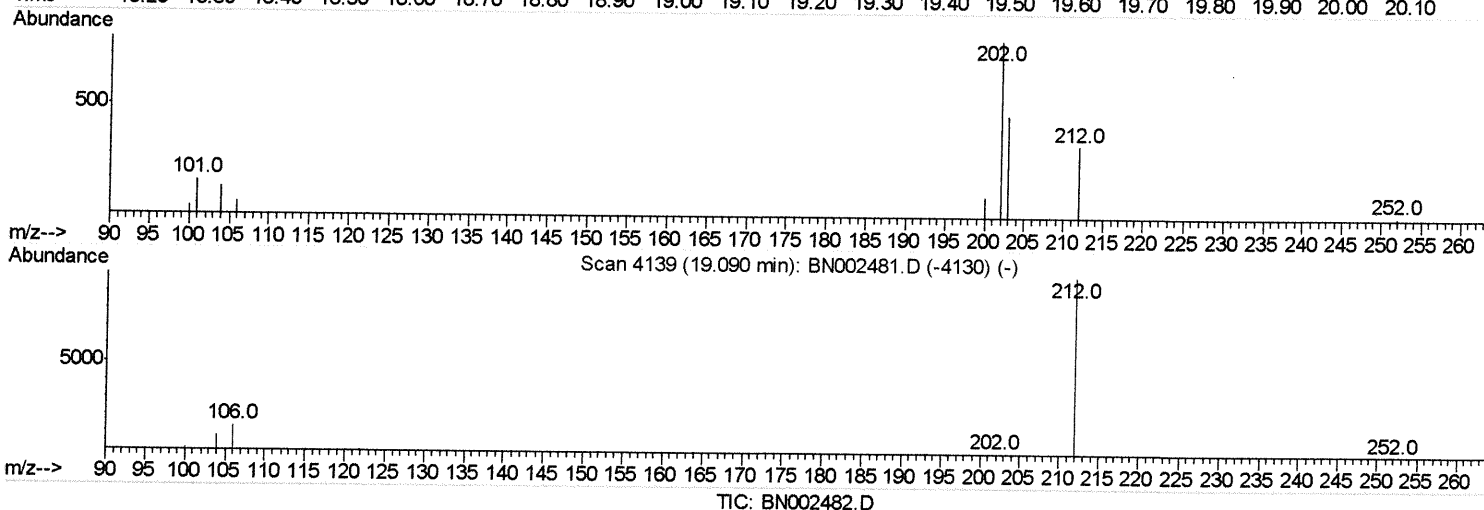
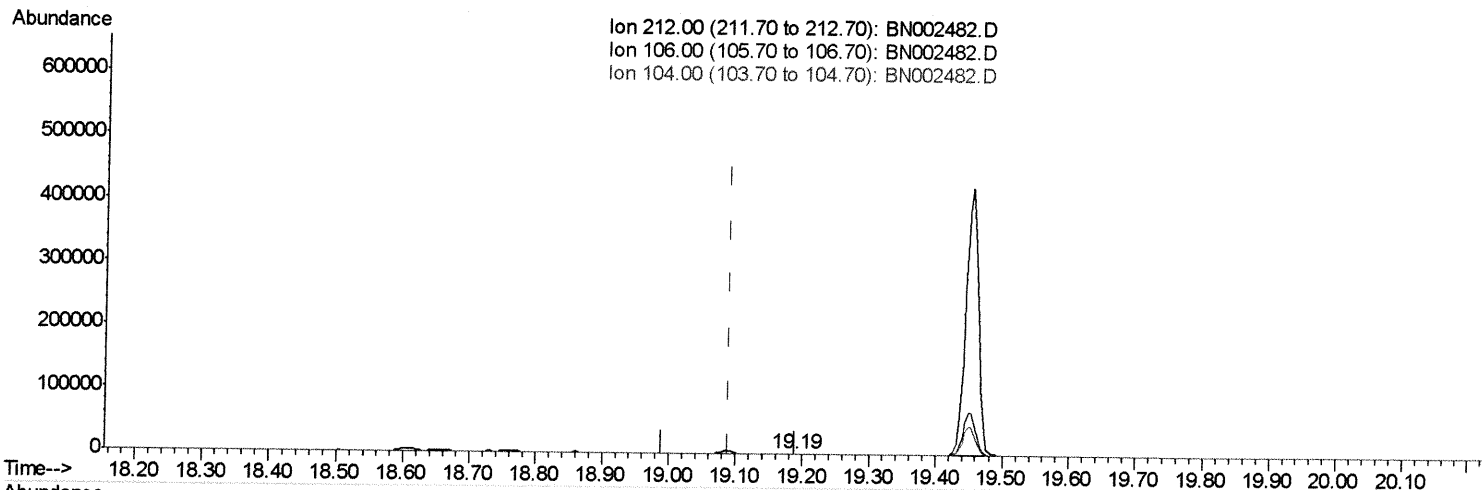
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

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(14) Fluoranthene-d10 (SURR)

19.188min (+0.098) 0.02ng/ul

response 505

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	11.29#
104.00	15.60	35.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

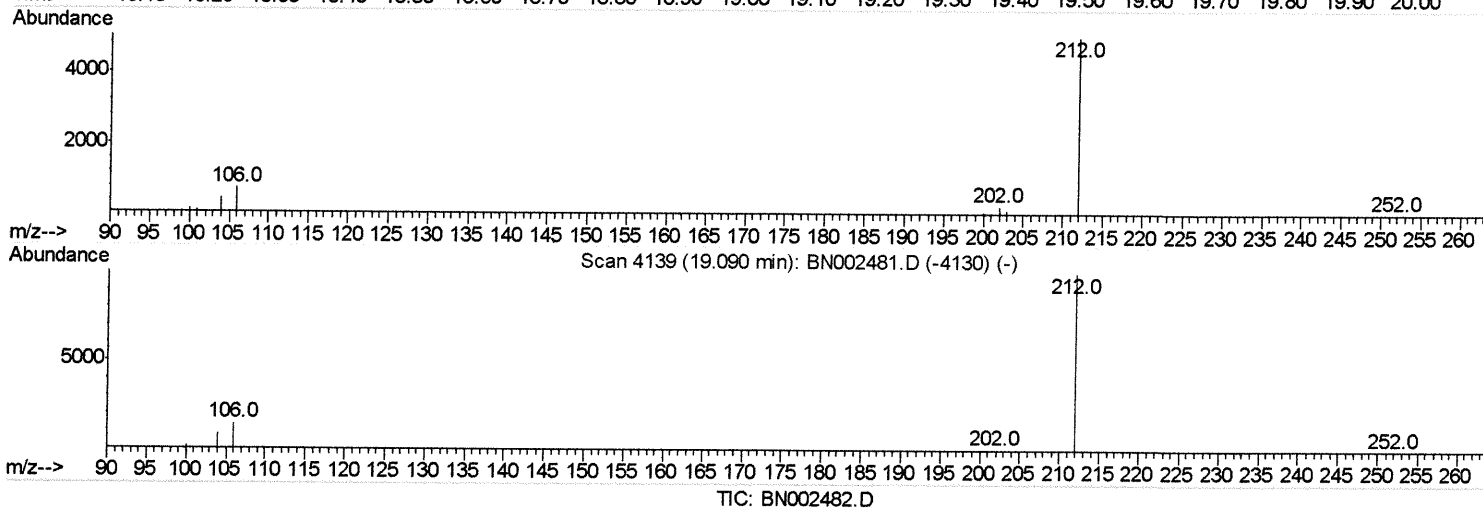
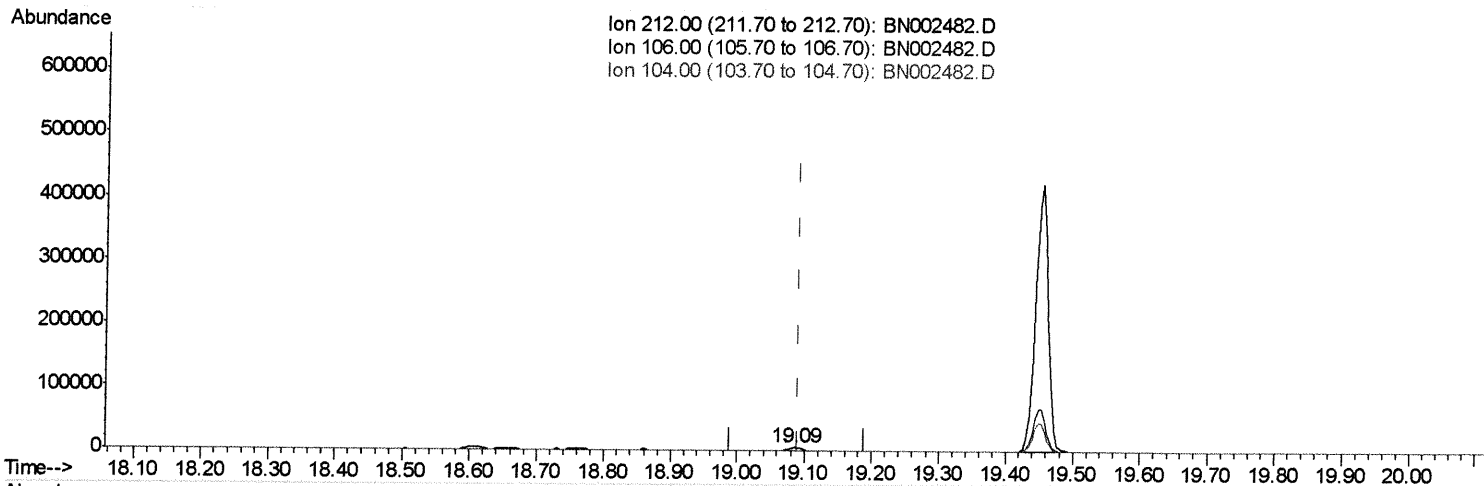
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

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(14) Fluoranthene-d10 (SURR)

19.085min (-0.005) 0.21ng/ul m

51 8/27/18

response 6882

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.83#
104.00	15.60	2.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

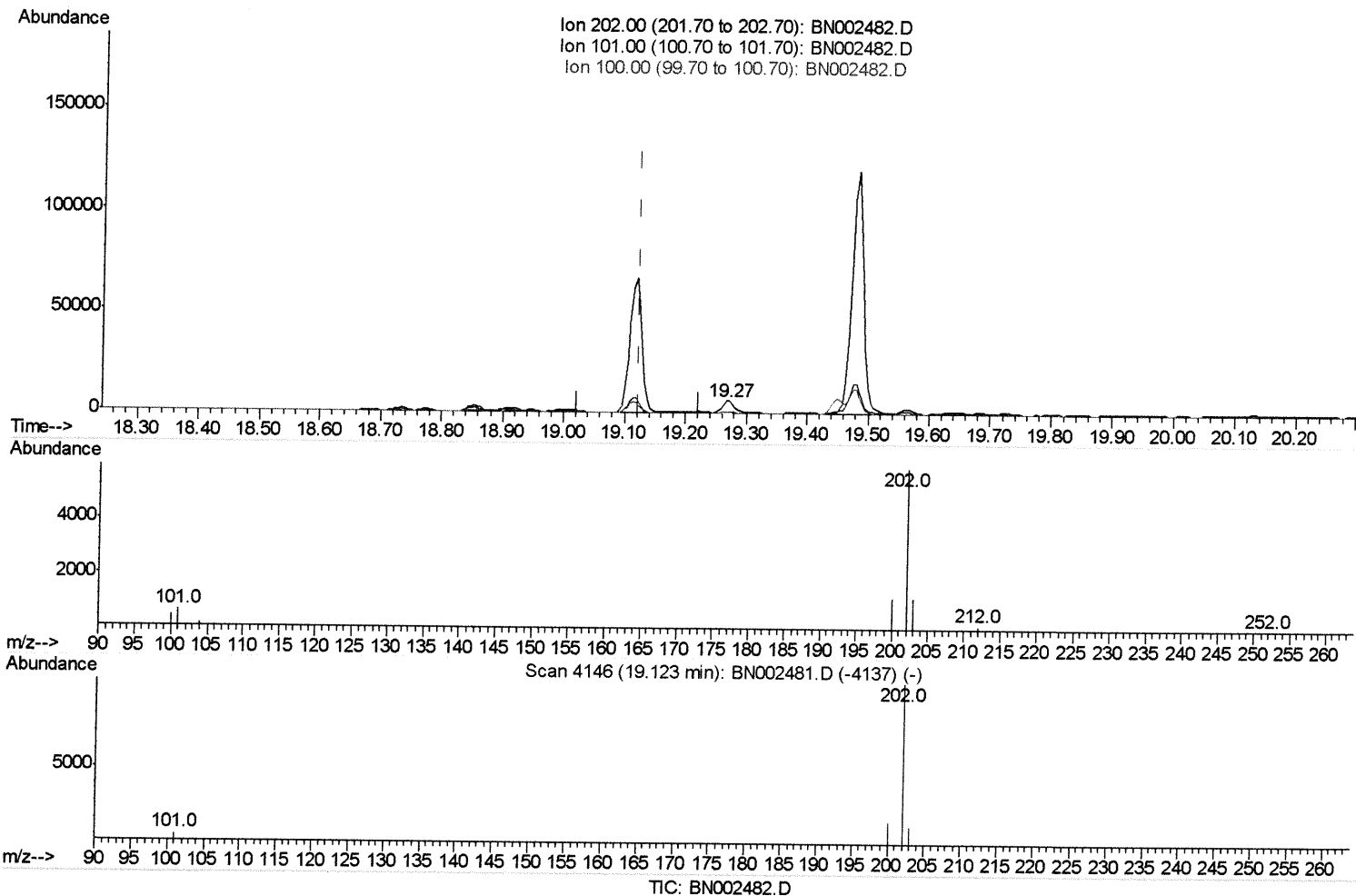
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:19:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
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 QLast Update : Fri Aug 24 02:20:09 2018
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(15) Fluoranthene (C)

19.271min (+0.149) 0.20ng/ul

response 7677

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.89
100.00	10.00	8.04
0.00	0.00	0.00

Quantitation Report (Qedit)

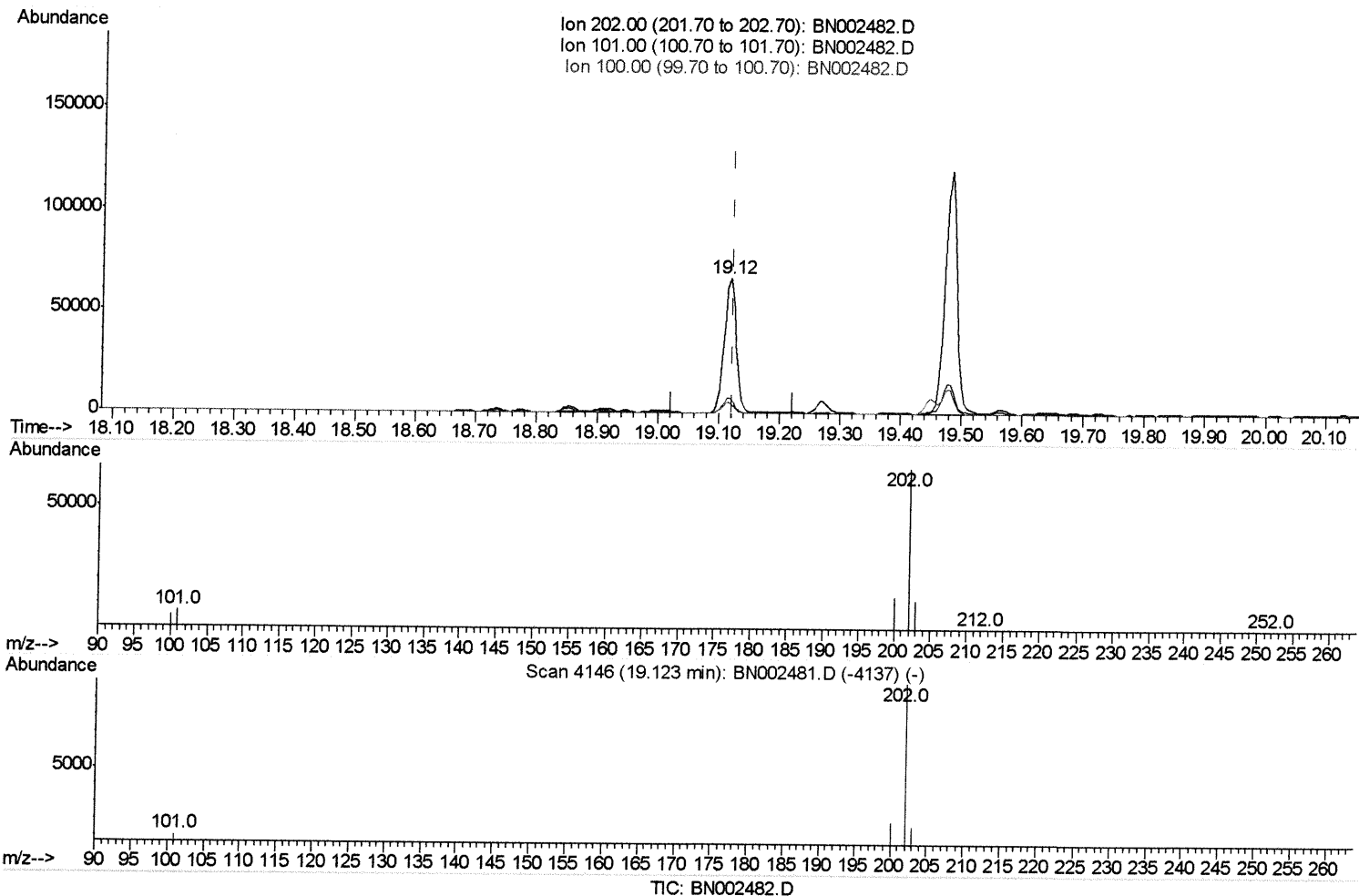
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Manual Integrations
APPROVED

Sohil
8/24/2018 5:11:53 PM

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(15) Fluoranthene (C)

19.118min (-0.005) 2.31ng/ul m

51 8/27/18

response 89948

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	10.30
100.00	10.00	7.50
0.00	0.00	0.00

Quantitation Report (Qedit)

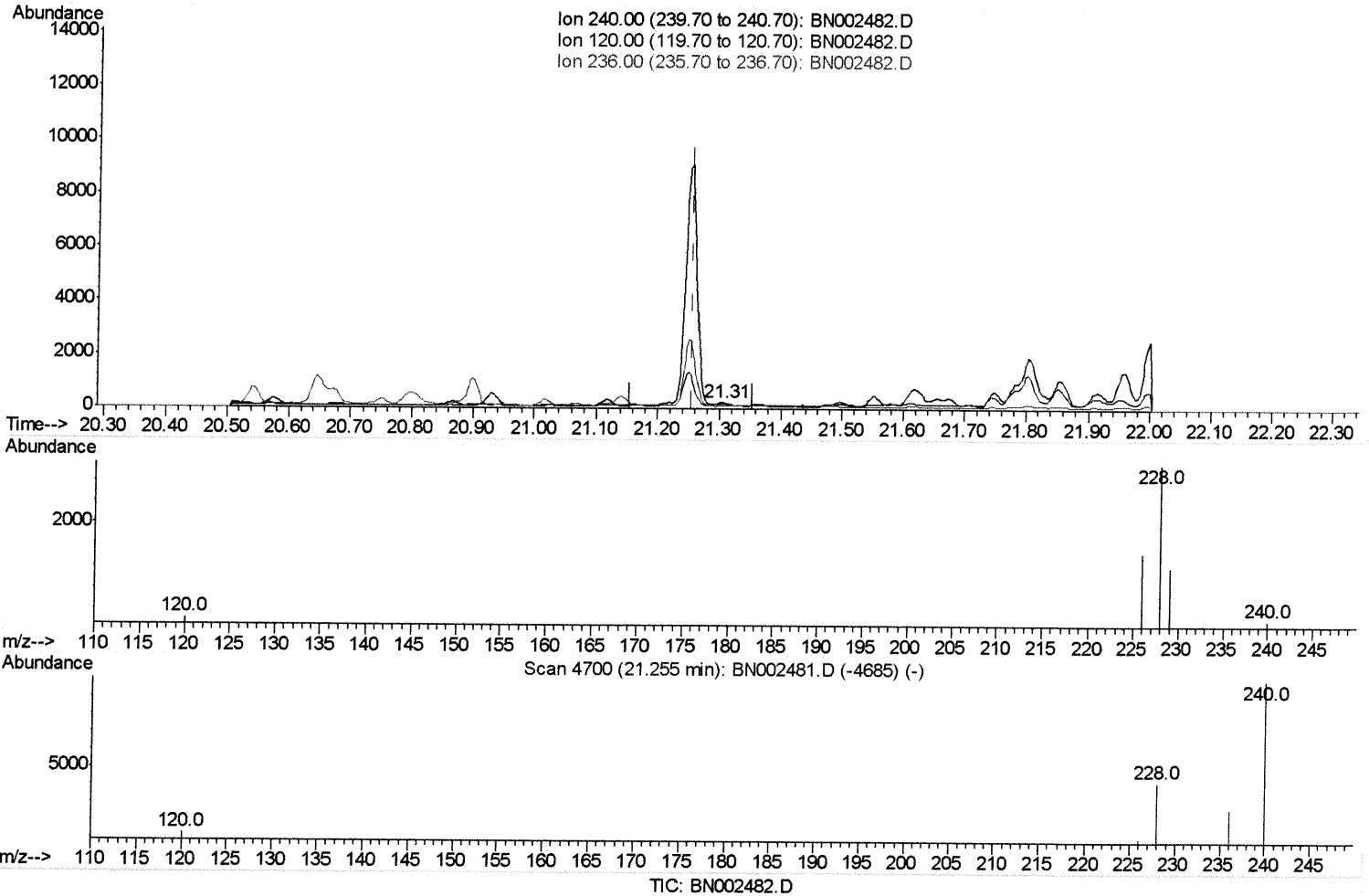
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Manual Integrations
 APPROVED

Sohil
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(16) Chrysene-d12 (I)

21.308min (+0.052) 0.40ng/ul

response 166

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	109.21#
236.00	34.90	51.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

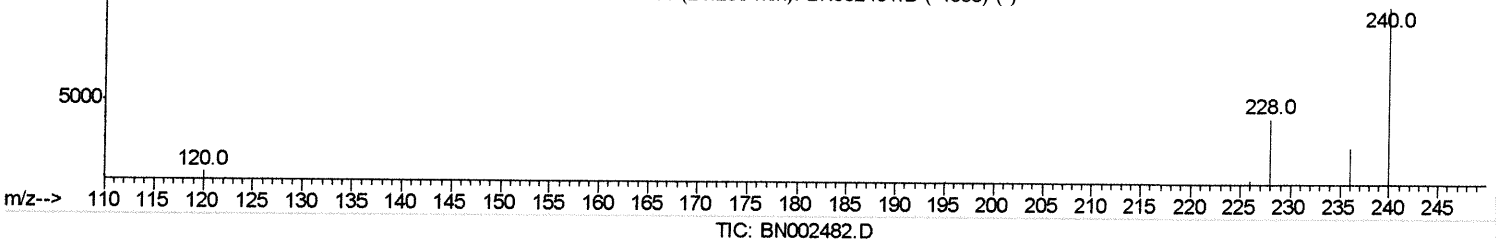
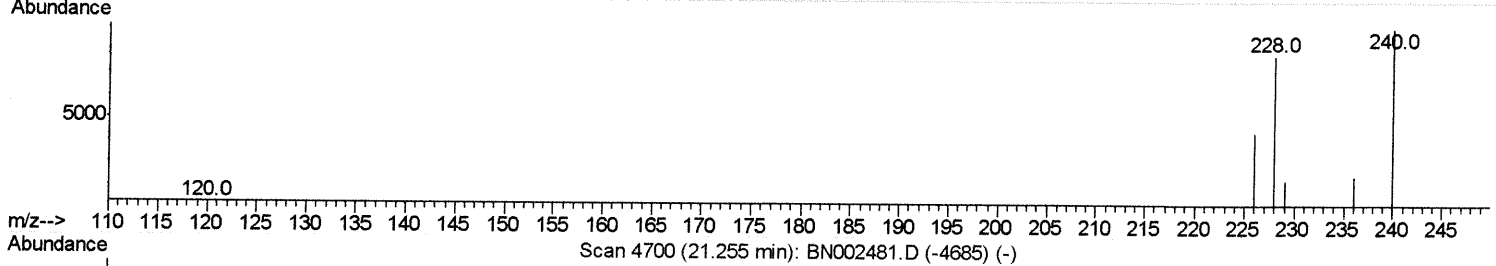
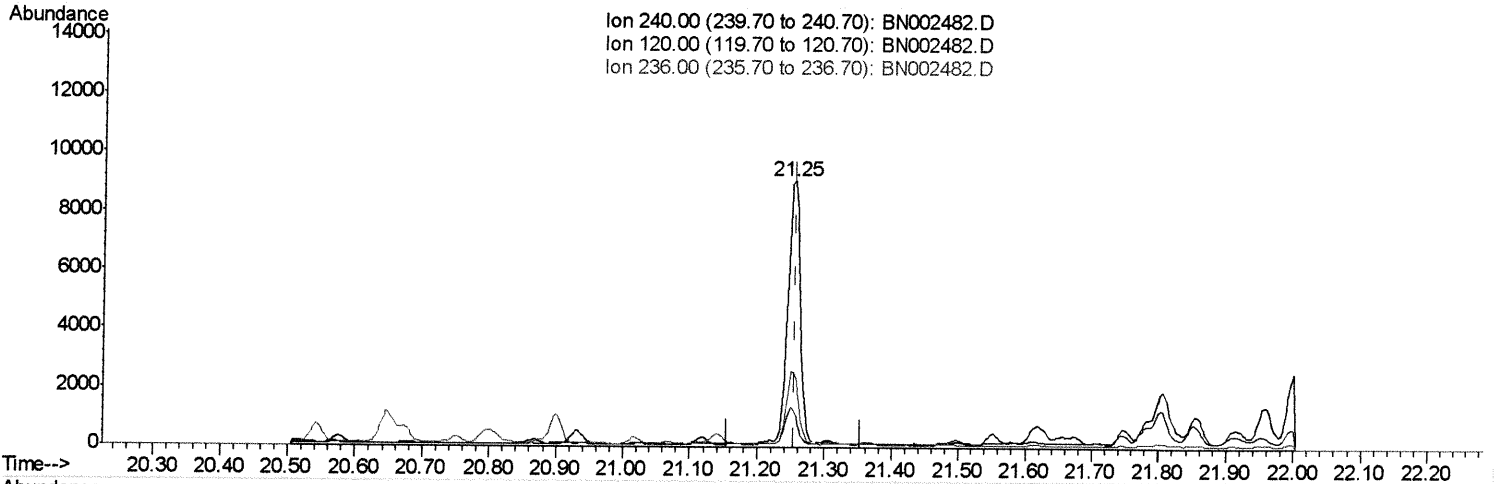
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(16) Chrysene-d12 (I)

21.252min (-0.003) 0.40ng/ul m

SJ 8/27/18

response 11246

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.65#
236.00	34.90	28.09
0.00	0.00	0.00

Quantitation Report (Qedit)

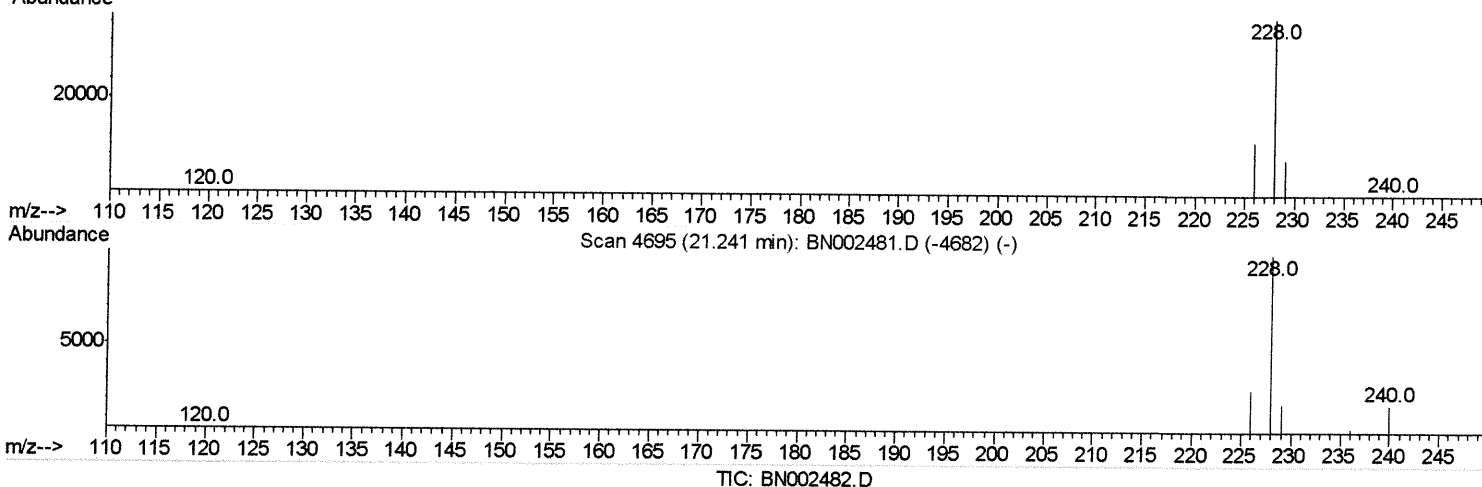
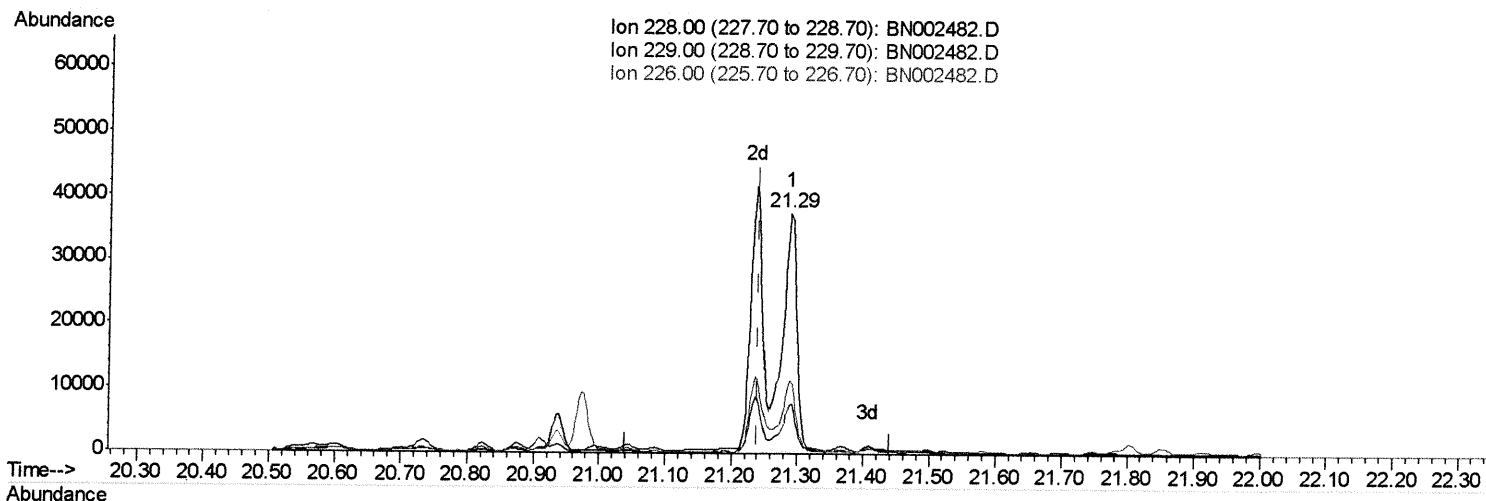
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(18) Benzo(a)anthracene

21.287min (+0.047) 1.65ng/ul

response 55402

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.44#
226.00	21.30	30.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

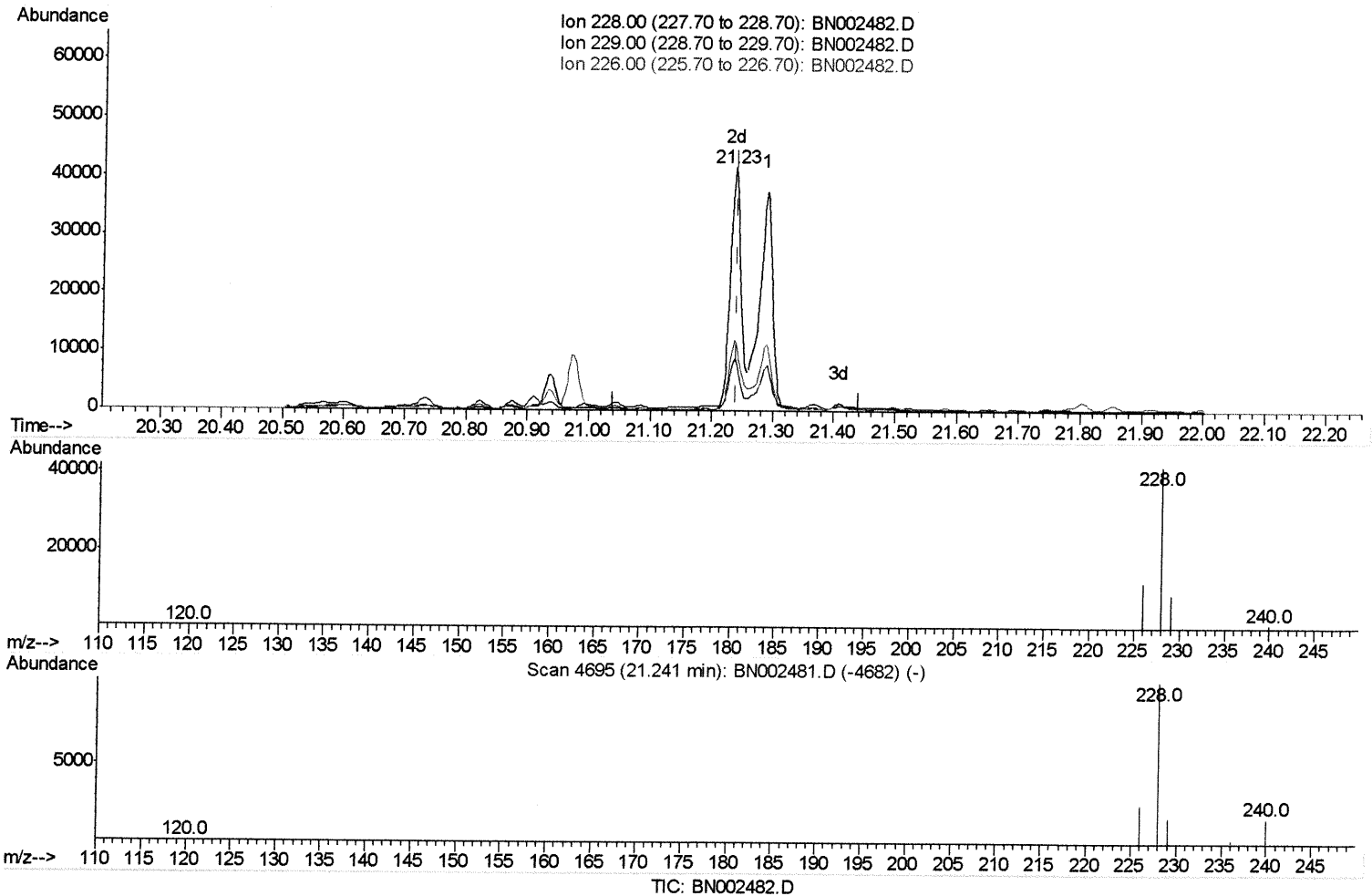
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Sohil
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(18) Benzo(a)anthracene

21.235min (-0.006) 1.54ng/ul m

SJ 8/27/18

response 51785

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	21.39#
226.00	21.30	28.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

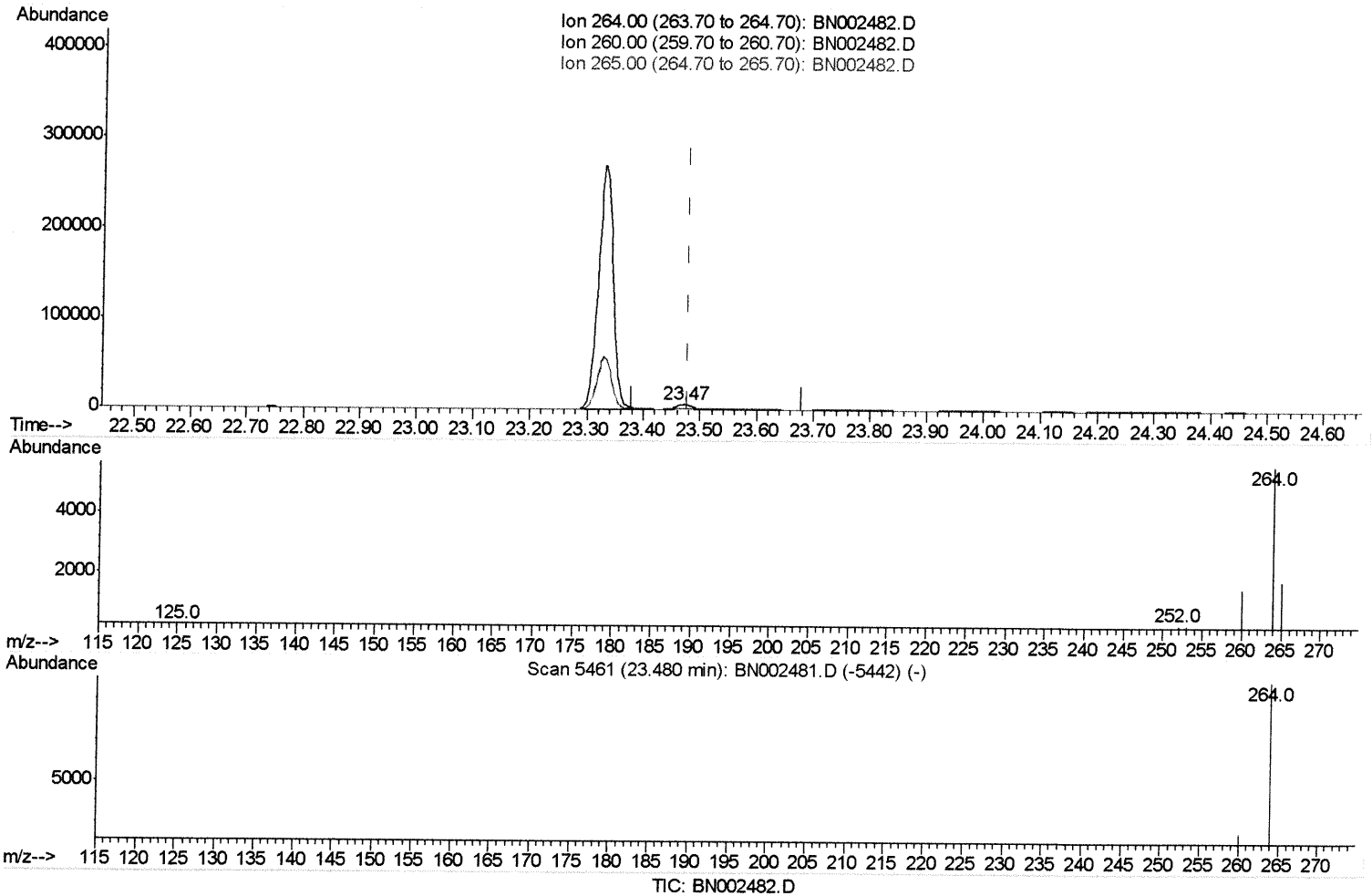
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(20) Perylene-d12 (I)

23.471min (-0.009) 0.40ng/ul

response 12604

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.81
265.00	103.50	31.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

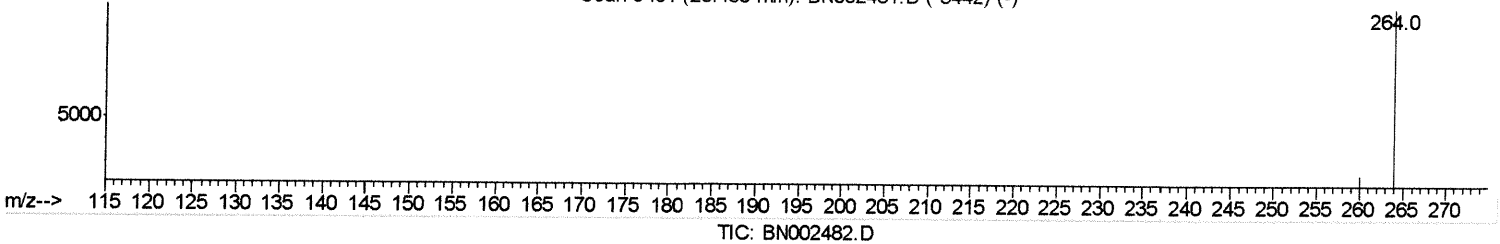
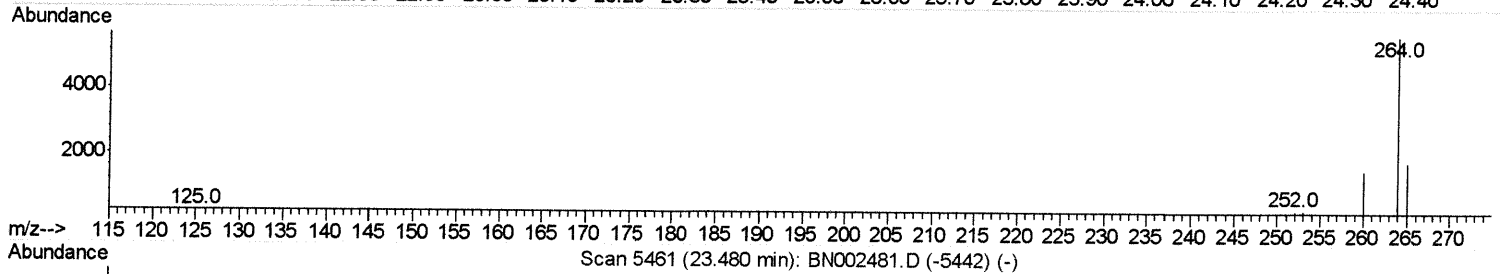
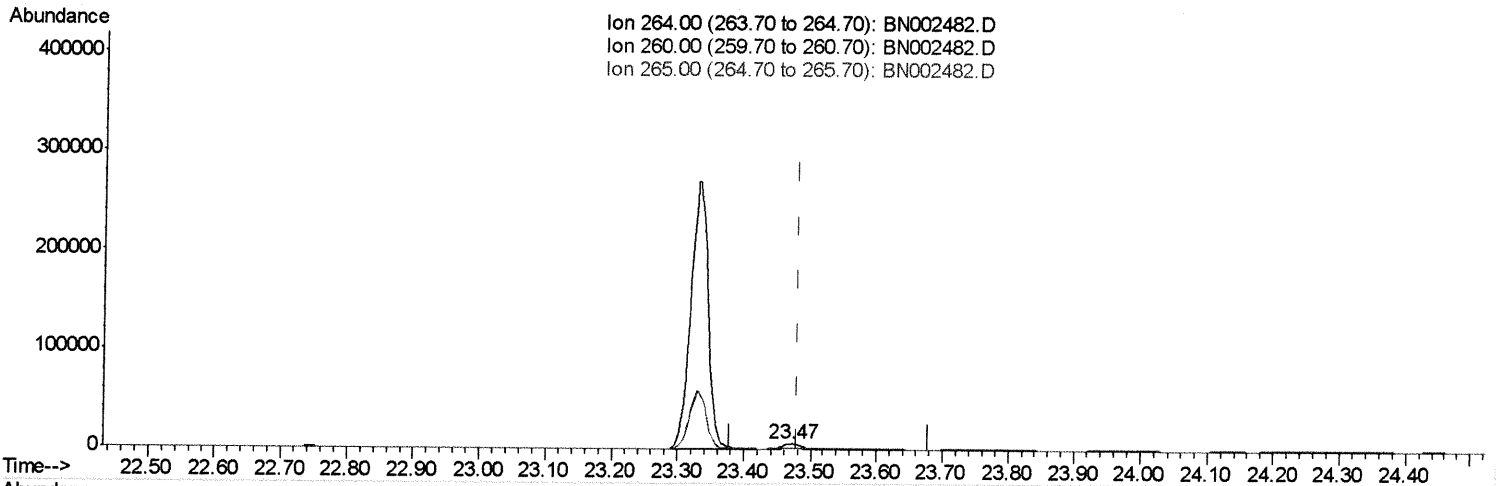
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:22:20 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



(20) Perylene-d12 (I)

23.471min (-0.009) 0.40ng/ul m

SJ 8/27/18

response 9877

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.81
265.00	103.50	31.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

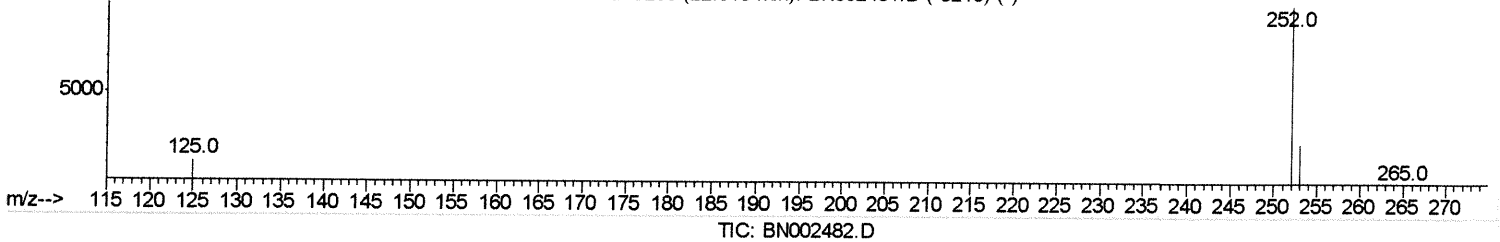
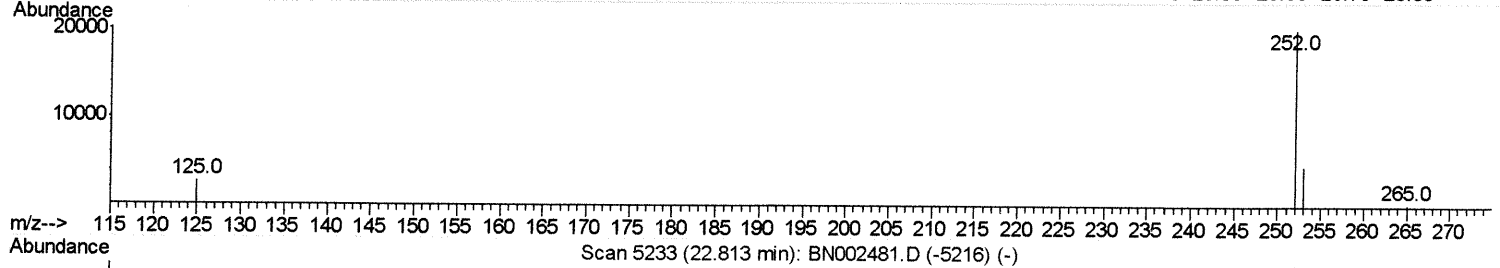
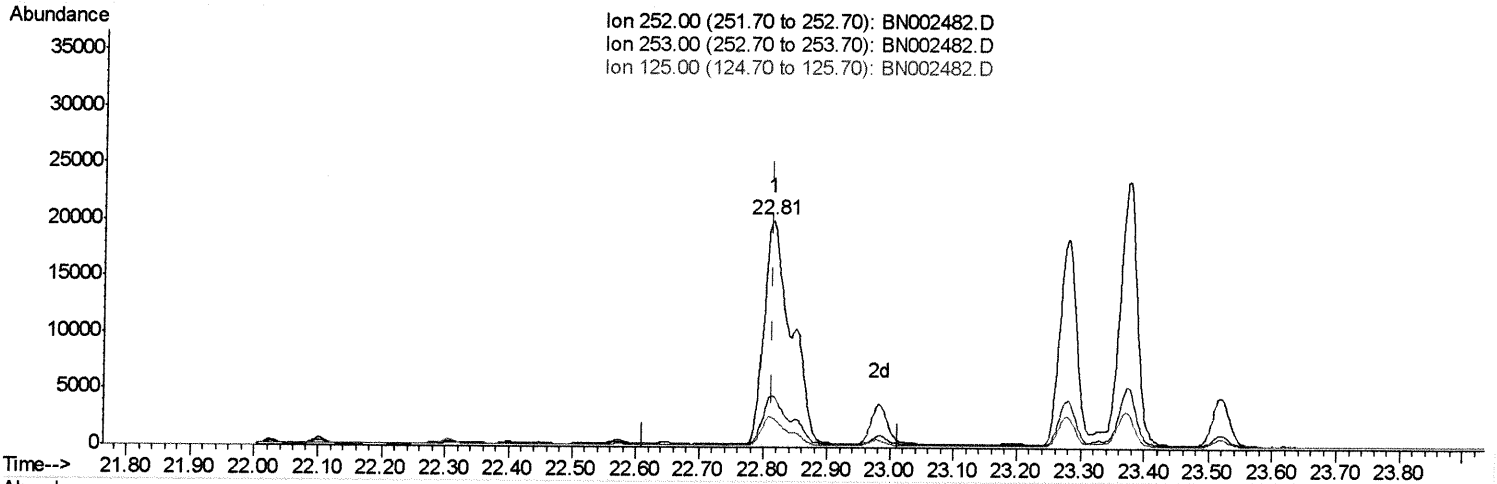
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:23:20 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



(21) Benzo(b)fluoranthene
 22.813min (-0.000) 1.68ng/ul
 response 59494

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.92
125.00	17.50	13.48
0.00	0.00	0.00

Quantitation Report (Qedit)

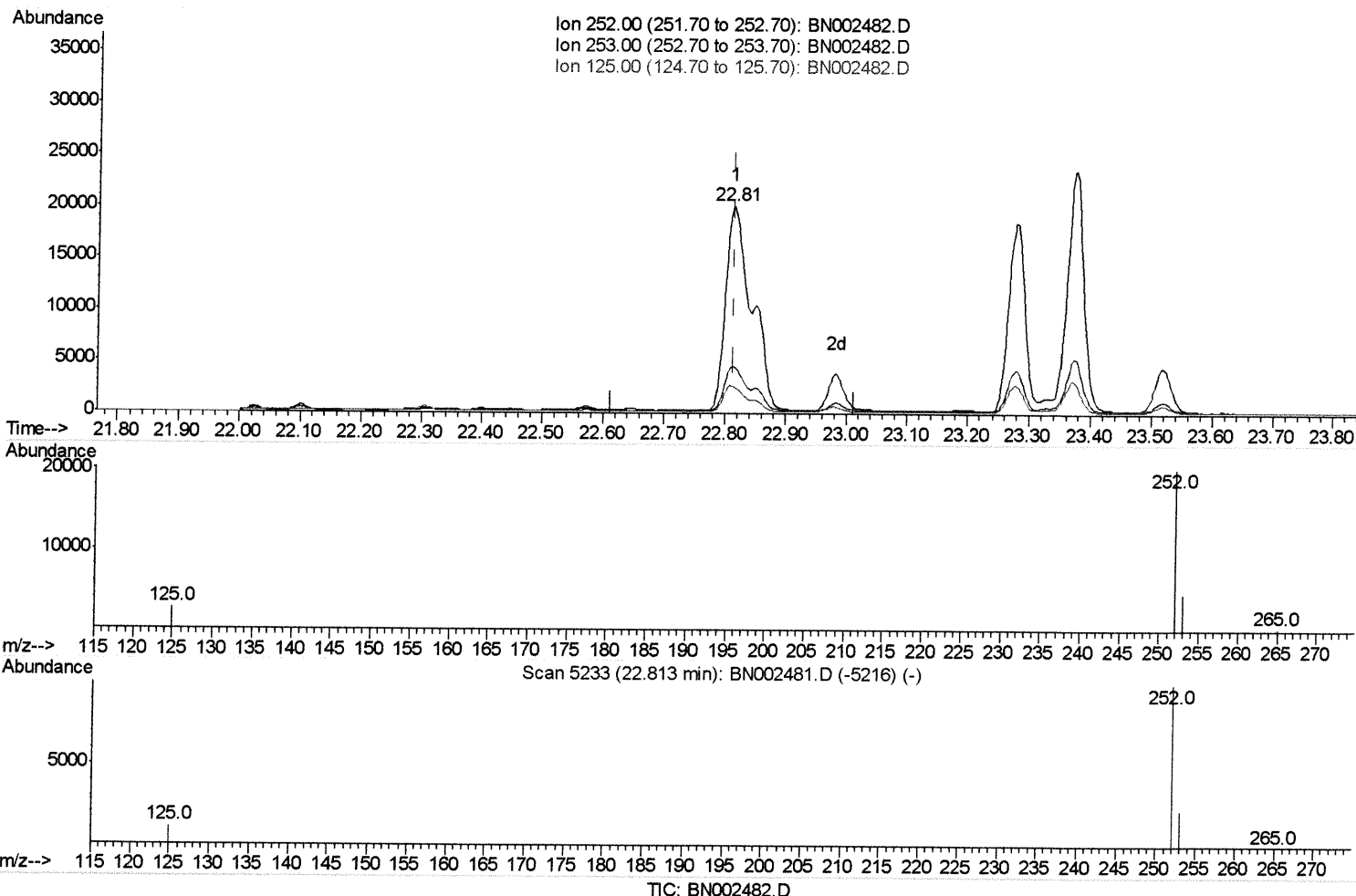
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:23:20 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



(21) Benzo(b)fluoranthene

22.813min (-0.000) 1.28ng/ul m

SJ 8/27/18

response 45526

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.92
125.00	17.50	13.48
0.00	0.00	0.00

Quantitation Report (Qedit)

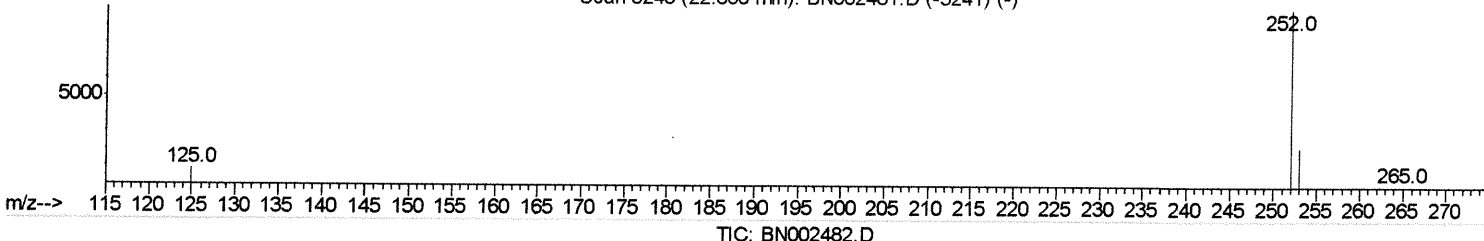
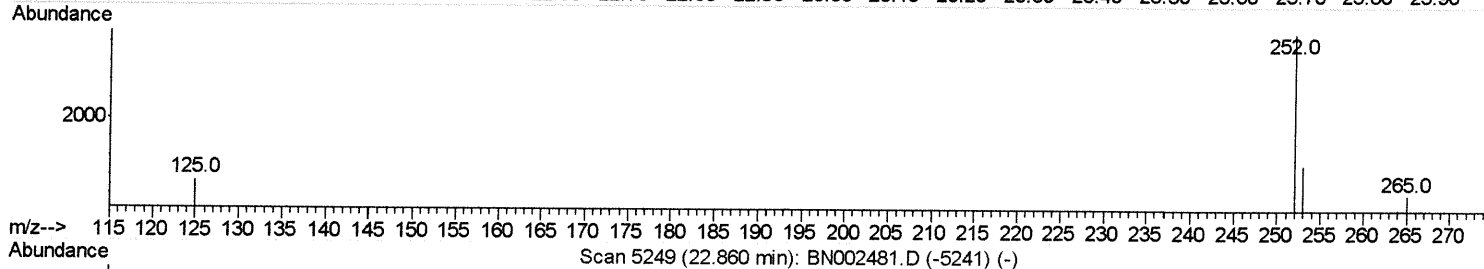
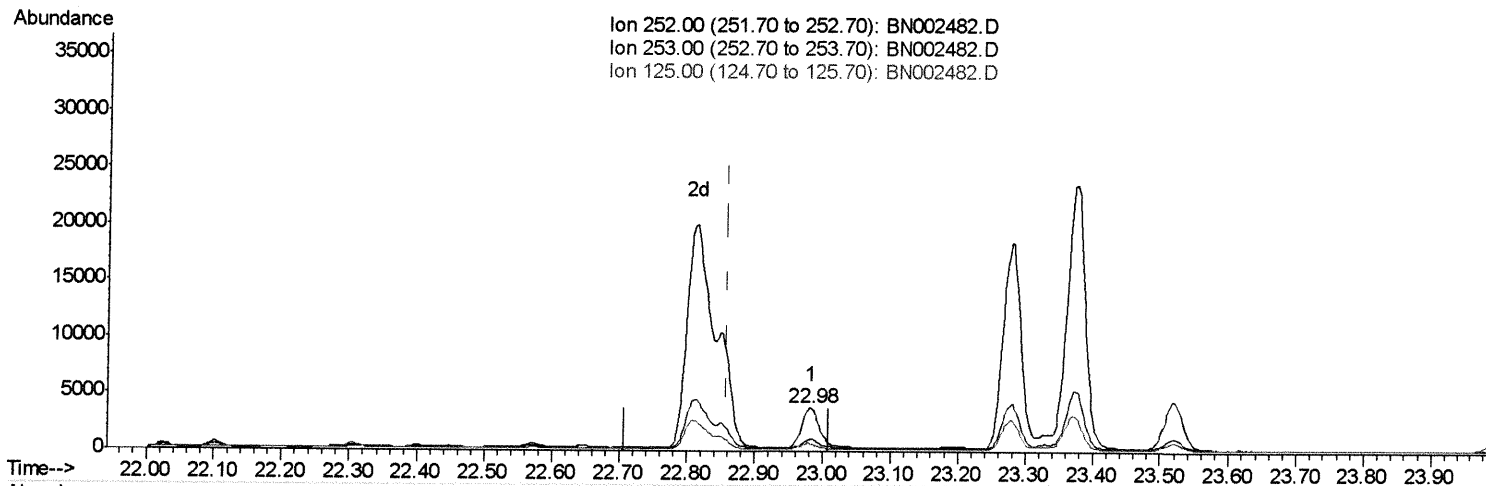
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:23:20 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



(22) Benzo(k)fluoranthene

22.982min (+0.123) 0.13ng/ui

response 4765

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.68
125.00	17.10	18.15
0.00	0.00	0.00

Quantitation Report (Qedit)

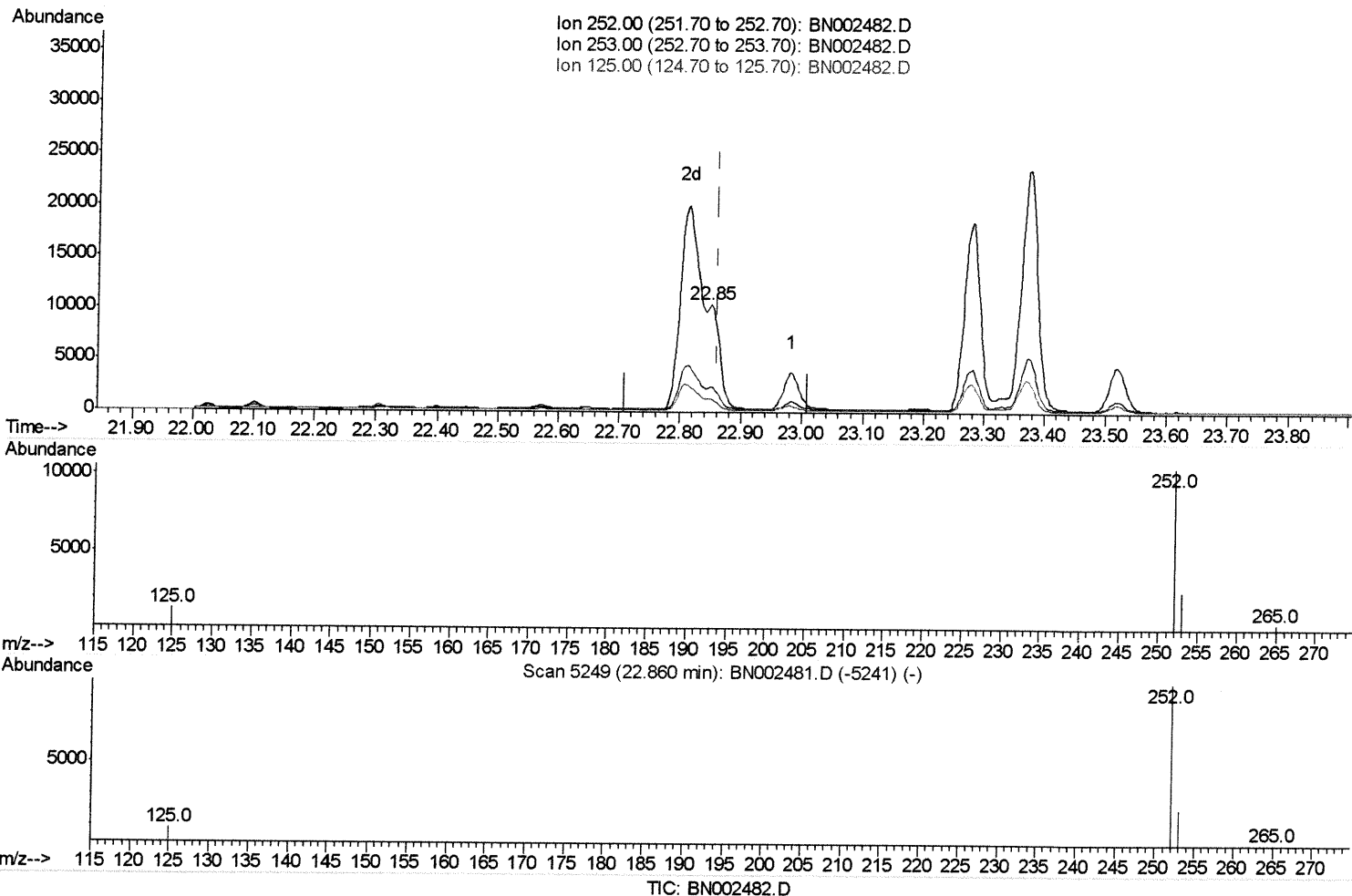
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:23:20 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



(22) Benzo(k)fluoranthene

22.848min (-0.012) 0.37ng/ul m

5/8/27/18

response 13638

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.03#
125.00	17.10	12.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002482.D
 Acq On : 24 Aug 2018 00:50
 Operator : JU/SJ
 Sample : J4421-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:53 PM

Quant Time: Aug 24 04:24:42 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	1982	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	8278	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	4716	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	11209m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	11246m	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	9877m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.05	152	2254	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6882m	0.21	ng/ul	0.00

Target Compounds

					Ovalue
3) Naphthalene	10.49	128	552	0.026	ng/ul# 70
7) Acenaphthylene	14.02	152	8948	0.405	ng/ul 97
9) Fluorene	15.36	166	1001	0.052	ng/ul# 86
12) Phenanthrene	17.09	178	32397m	0.977	ng/ul
13) Anthracene	17.19	178	5271m	0.185	ng/ul
15) Fluoranthene	19.12	202	89948m	2.307	ng/ul
17) Pyrene	19.48	202	162073	4.225	ng/ul 96
18) Benzo(a)anthracene	21.23	228	51785m	1.540	ng/ul
19) Chrysene	21.29	228	55314	1.455	ng/ul 97
21) Benzo(b)fluoranthene	22.81	252	45526m	1.283	ng/ul
22) Benzo(k)fluoranthene	22.85	252	13638m	0.372	ng/ul
23) Benzo(a)pyrene	23.37	252	44095	1.322	ng/ul 95
24) Indeno(1,2,3-cd)pyrene	25.69	276	19699	0.567	ng/ul# 79
25) Dibenzo(a,h)anthracene	25.69	278	5244	0.191	ng/ul 96
26) Benzo(a,h,i)perylene	26.36	276	28657	0.962	ng/ul 95

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