

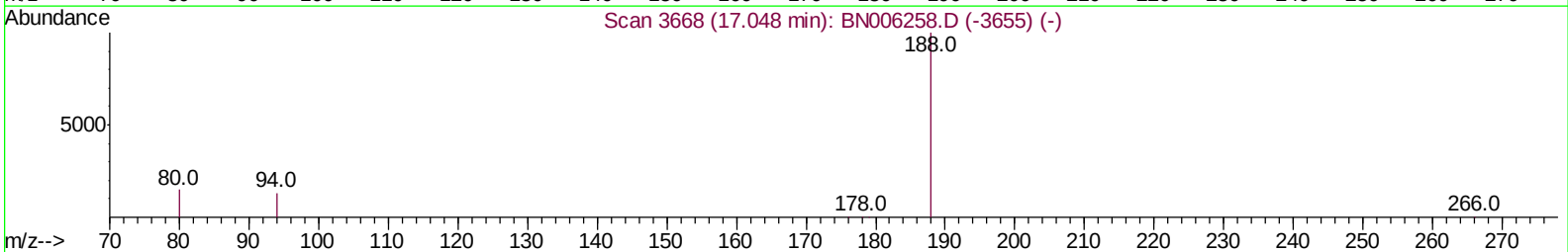
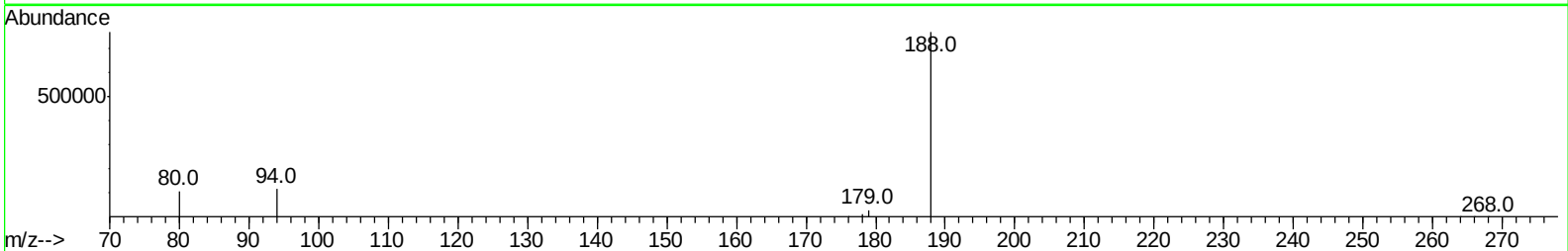
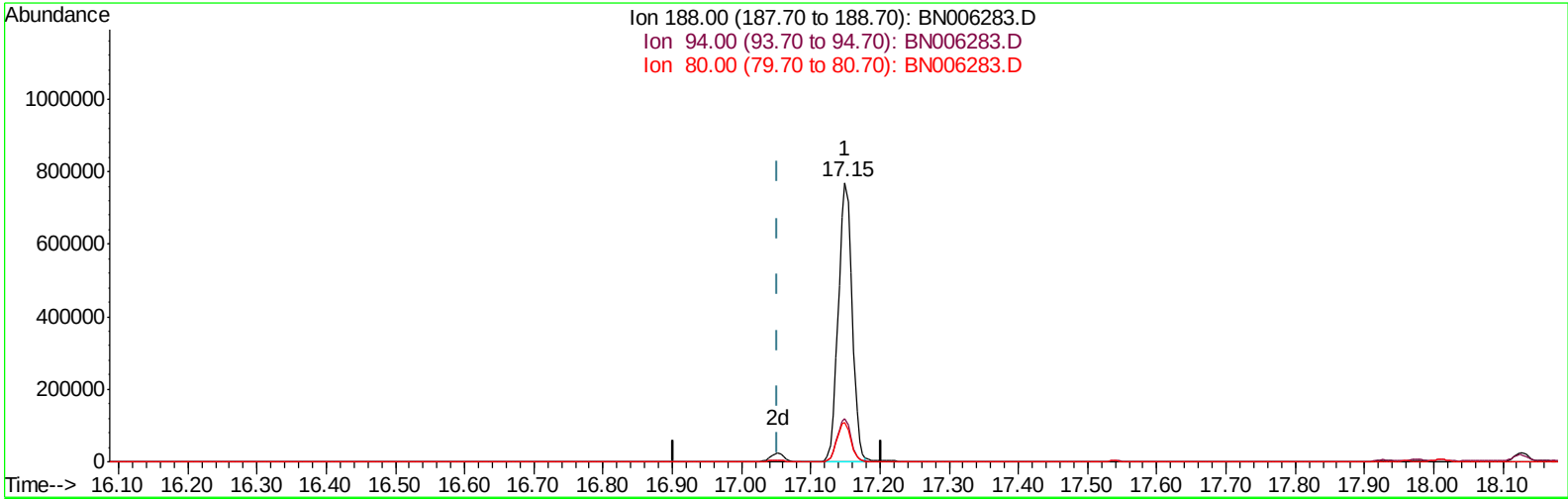
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:21:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(10) Phenanthrene-d10 (I)

17.149min (+0.097) 0.40ng/ul

response 1057985

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.42
80.00	13.60	13.92
0.00	0.00	0.00

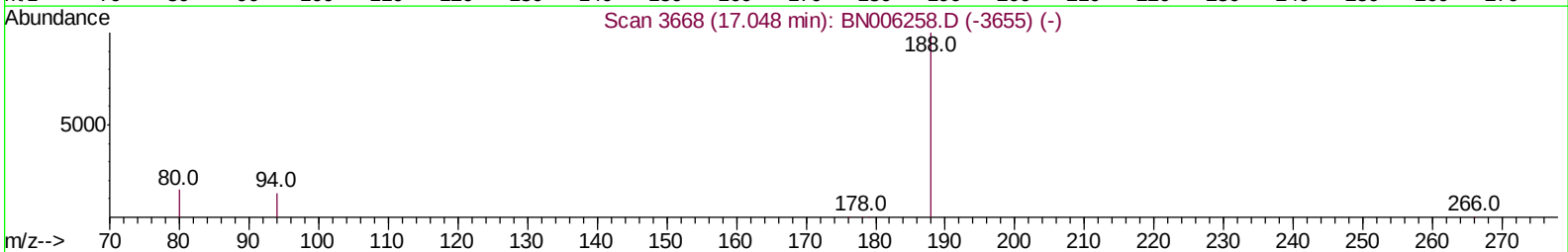
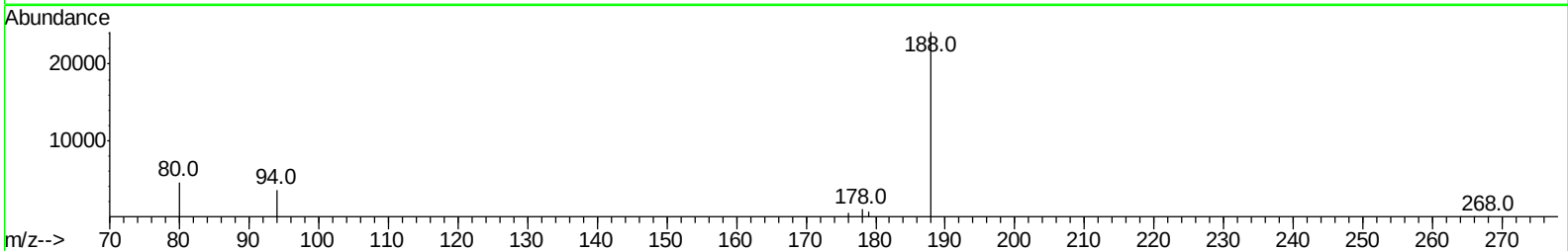
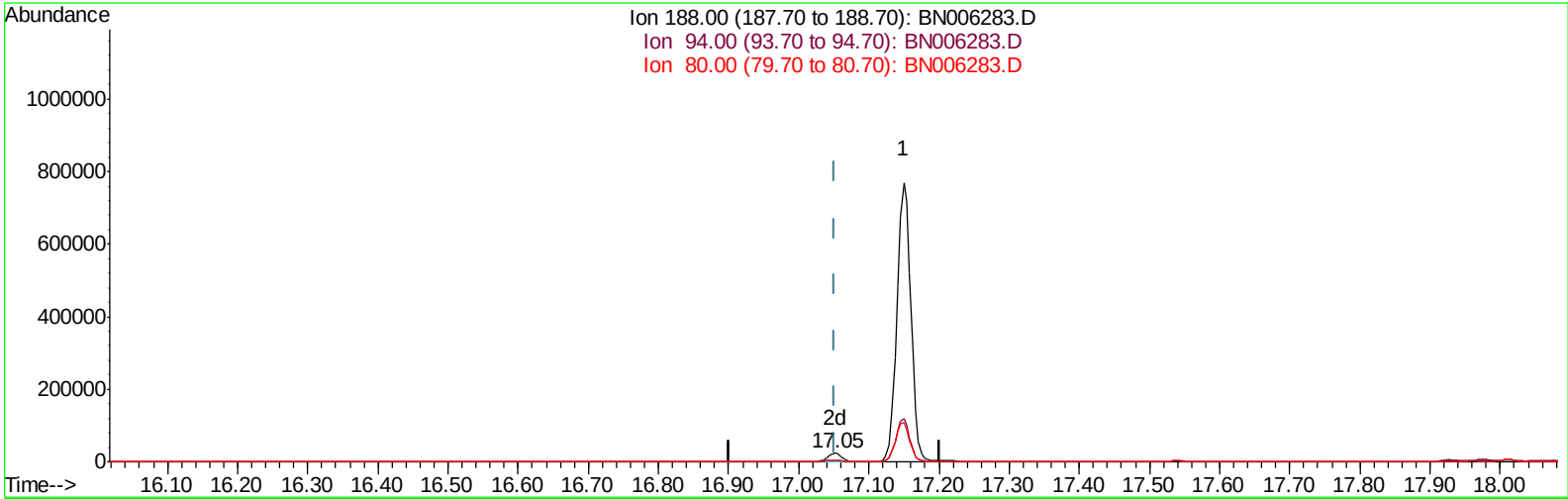
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:21:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(10) Phenanthrene-d10 (I)

17.052min (-0.000) 0.40ng/ul m

response 33778

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.84
80.00	13.60	18.89#
0.00	0.00	0.00

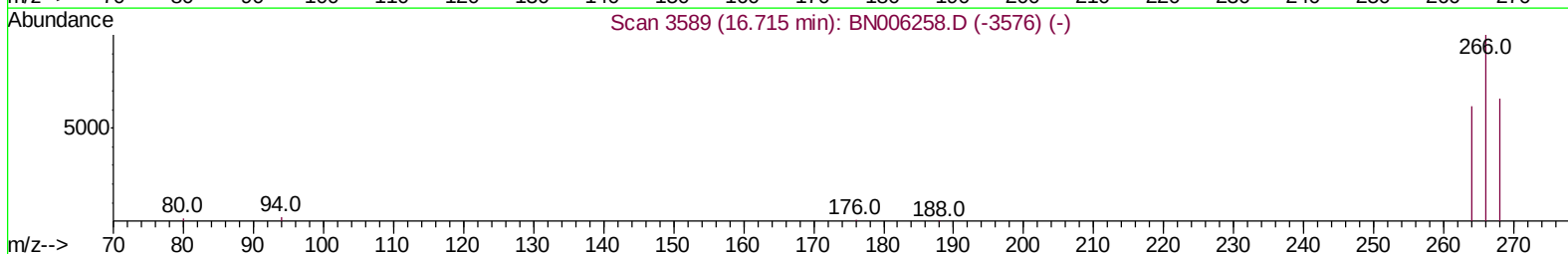
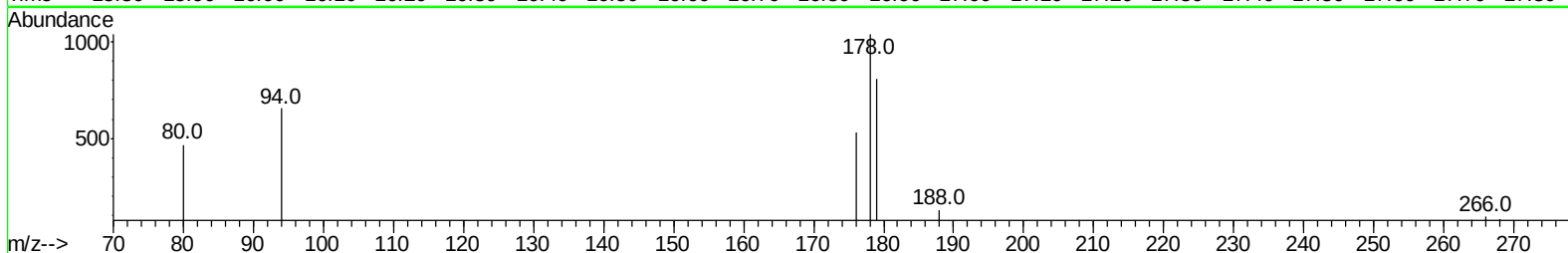
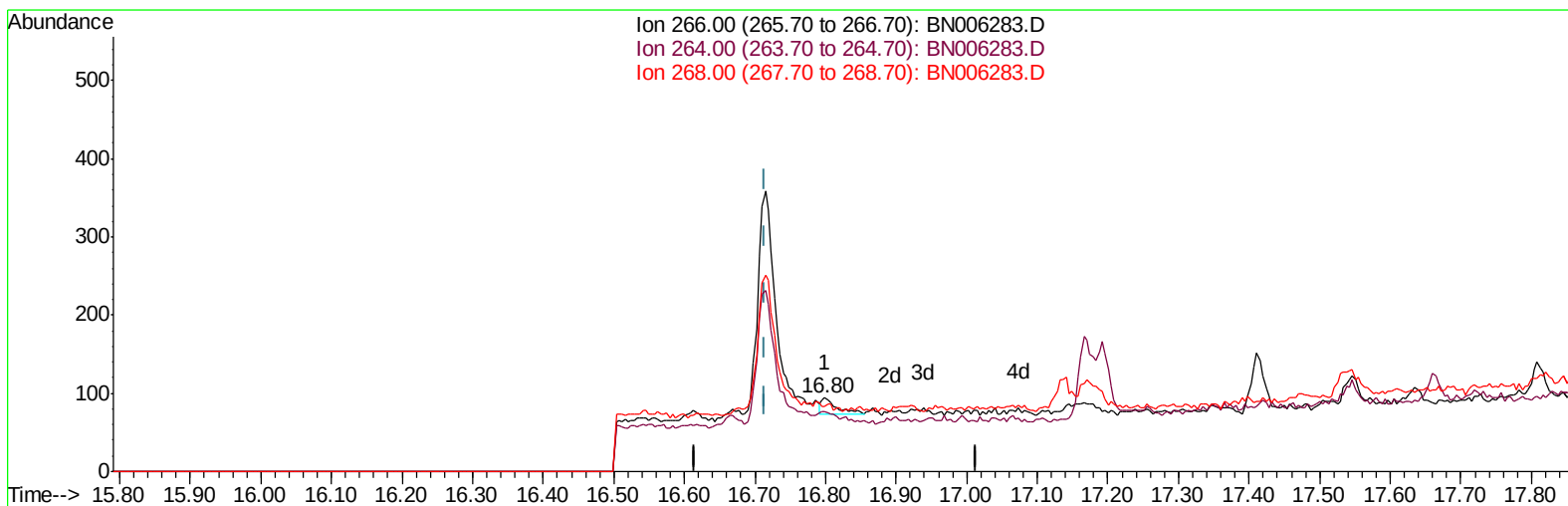
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(11) Pentachlorophenol
16.799min (+0.084) 0.00ng/ul
response 33

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	96.97#
268.00	64.10	57.58
0.00	0.00	0.00

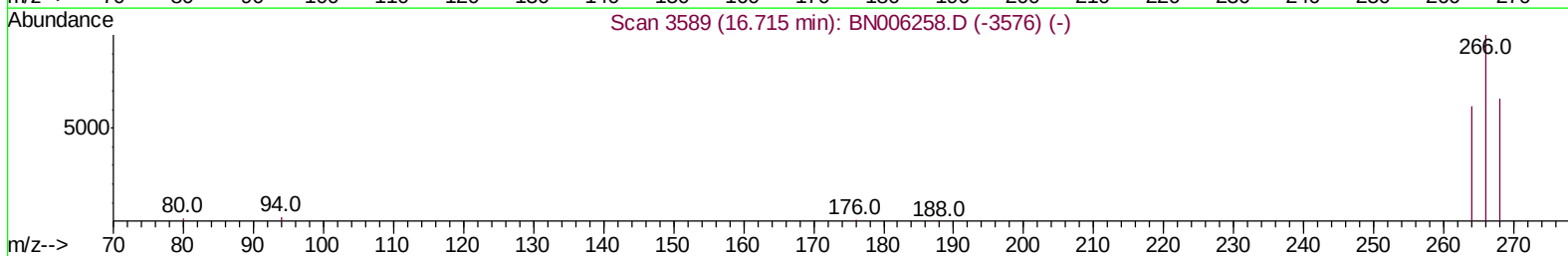
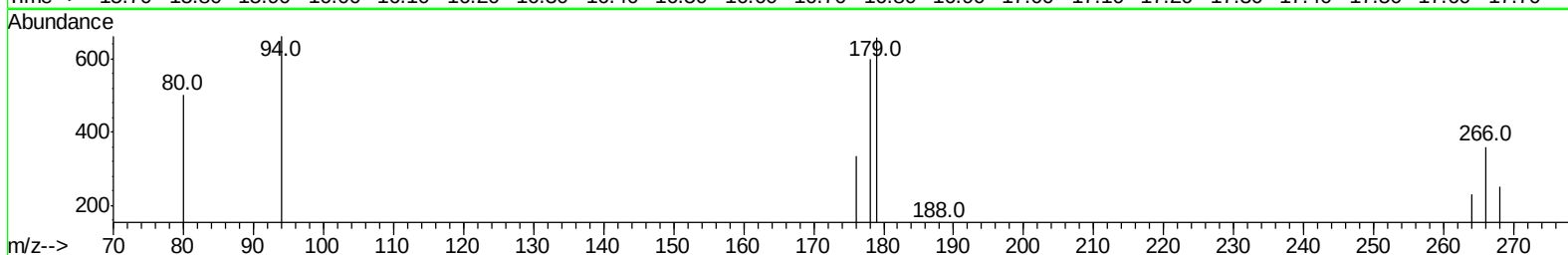
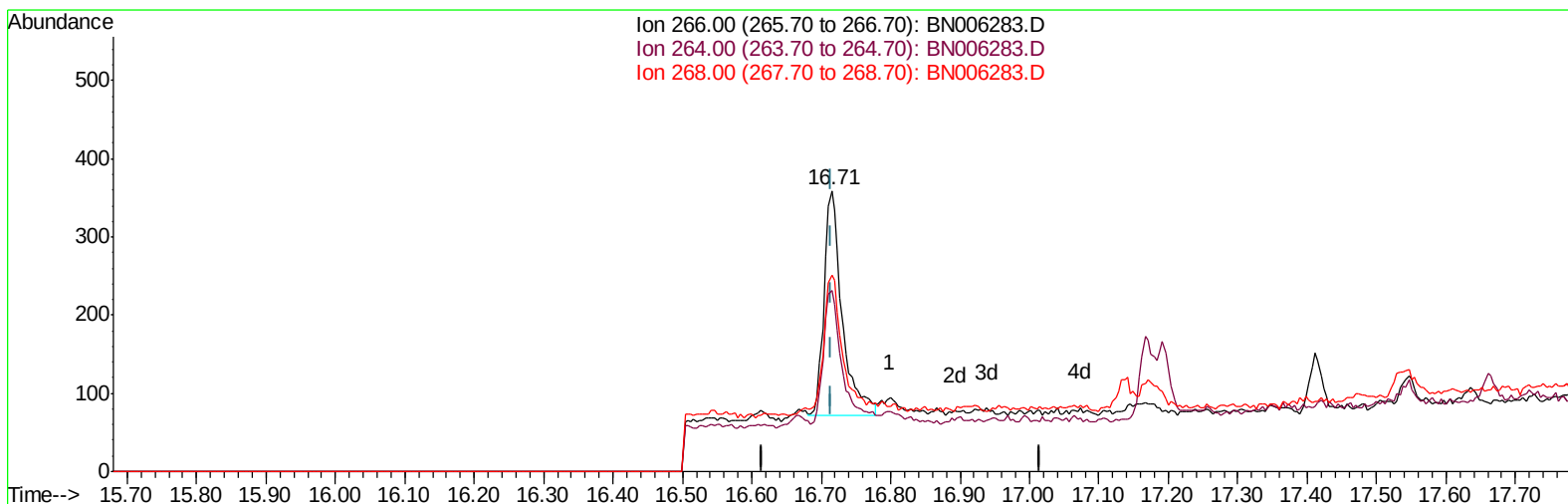
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(11) Pentachlorophenol
16.715min (-0.000) 0.06ng/ul m
response 523

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	6.12#
268.00	64.10	3.63#
0.00	0.00	0.00

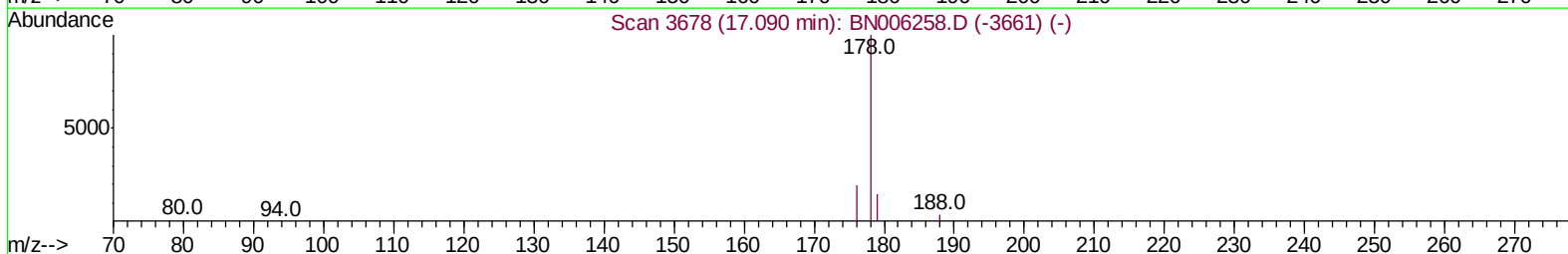
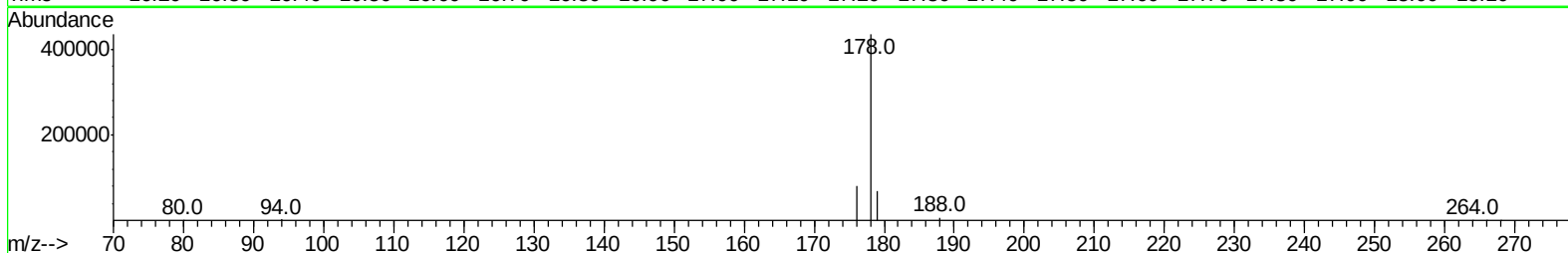
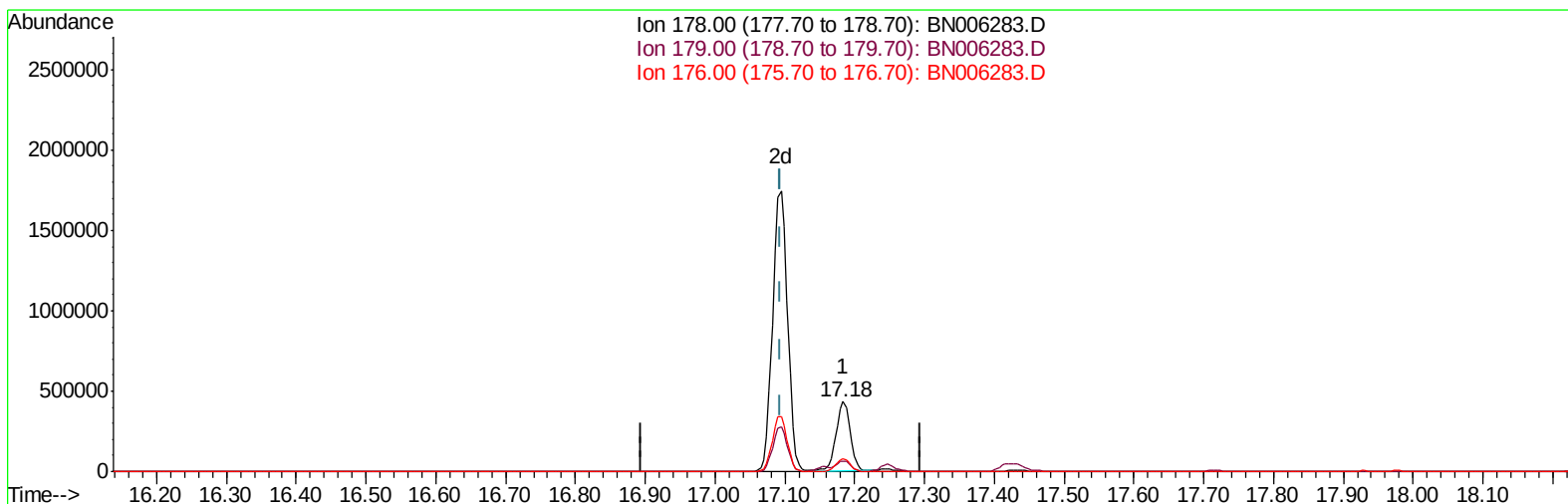
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(12) Phenanthrene

17.183min (+0.088) 5.64ng/ul

response 611713

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.46
176.00	19.10	18.83
0.00	0.00	0.00

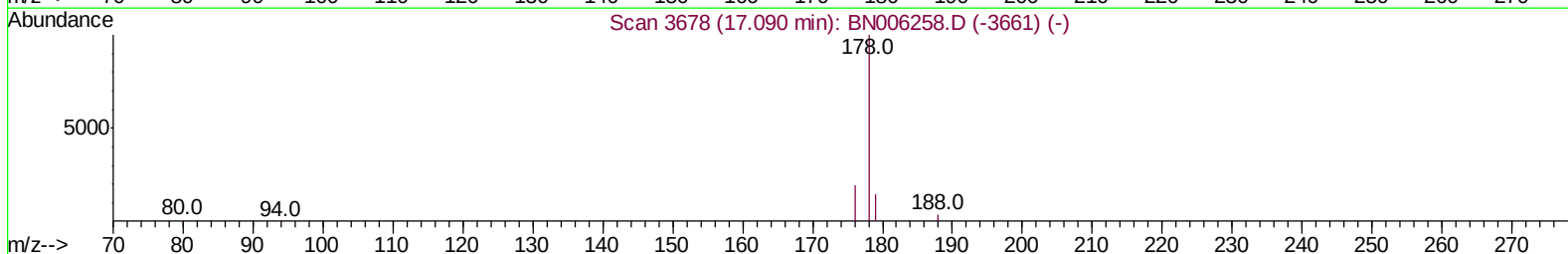
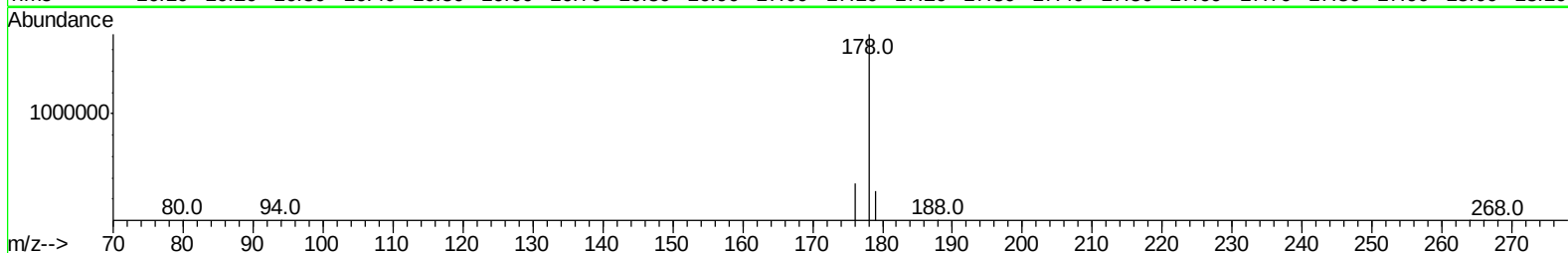
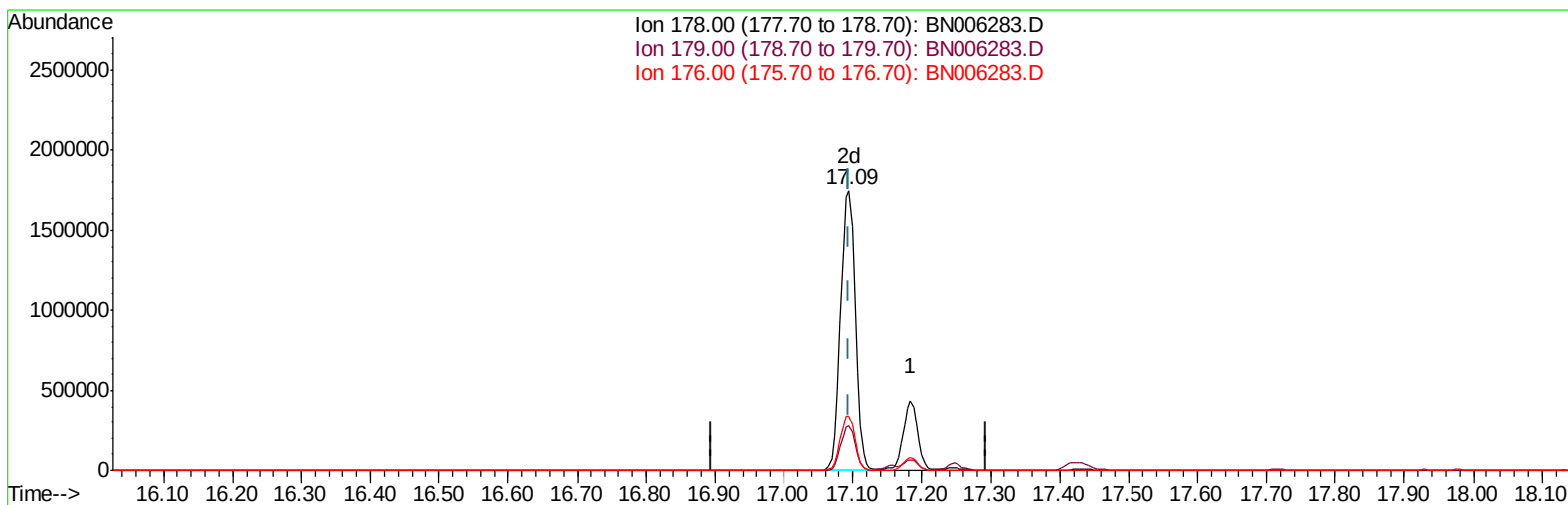
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
 Data File : BN006283.D
 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



TIC: BN006283.D

(12) Phenanthrene

17.095min (-0.000) 23.86ng/ul m

response 2587248

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.84
176.00	19.10	19.74
0.00	0.00	0.00

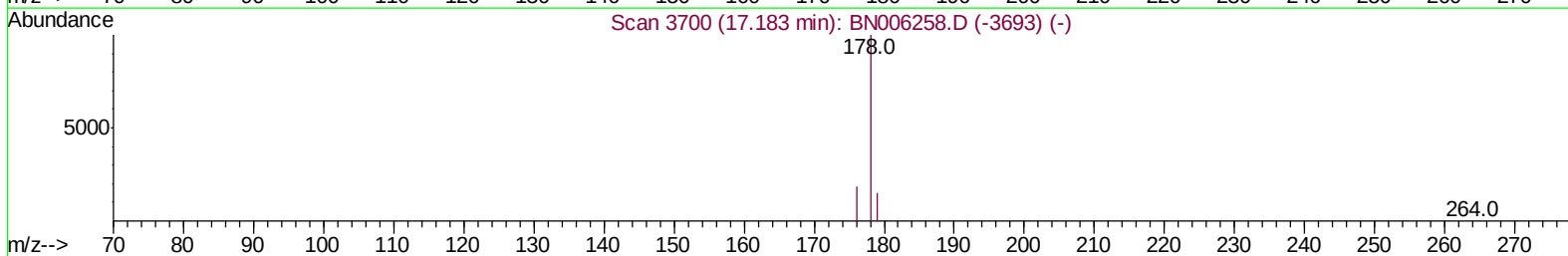
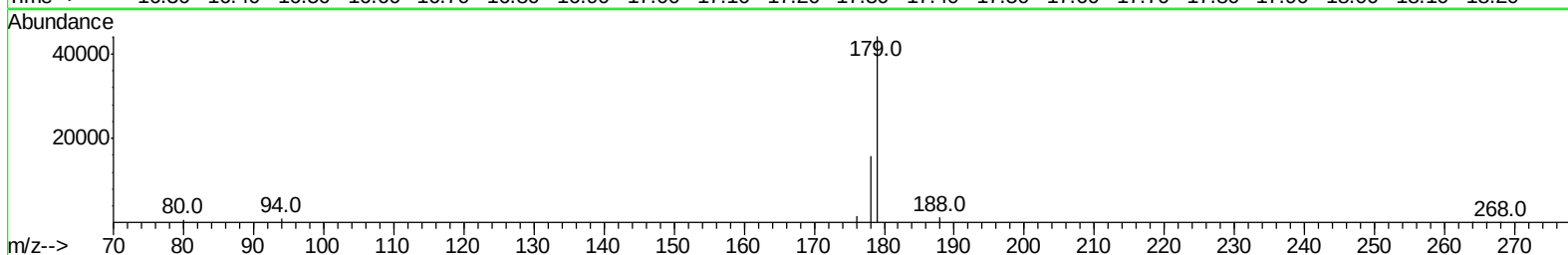
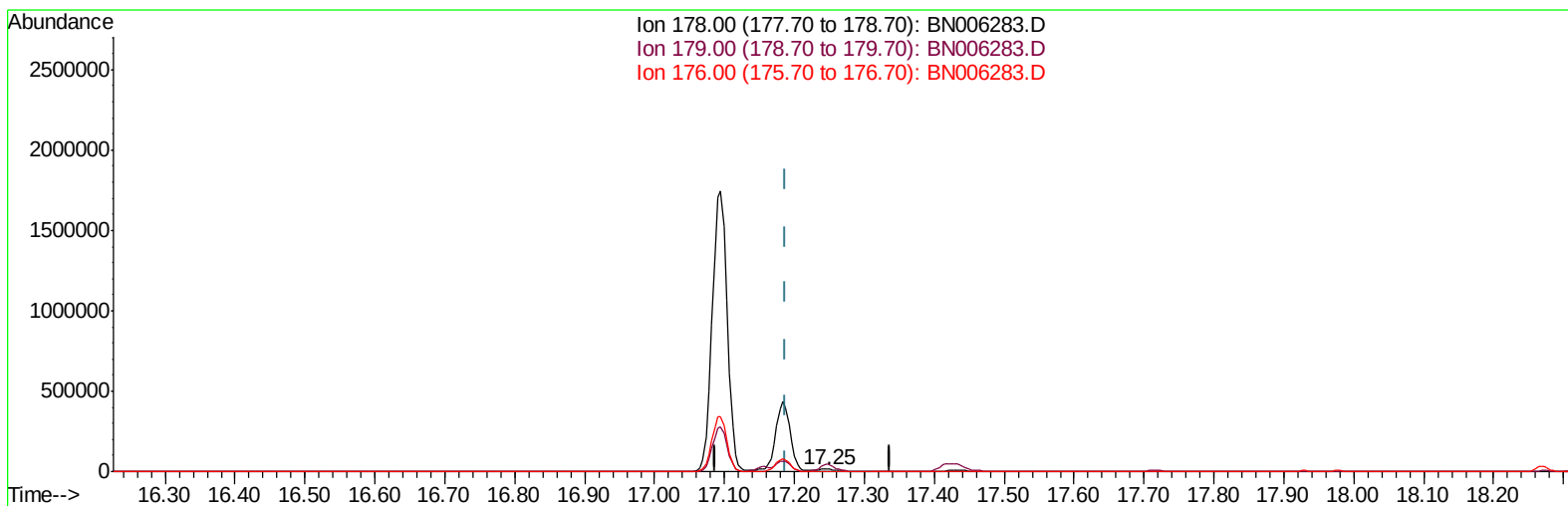
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
 Data File : BN006283.D
 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



TIC: BN006283.D

(13) Anthracene

17.247min (+0.059) 0.21ng/ul

response 21914

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	279.36#
176.00	18.90	10.57#
0.00	0.00	0.00

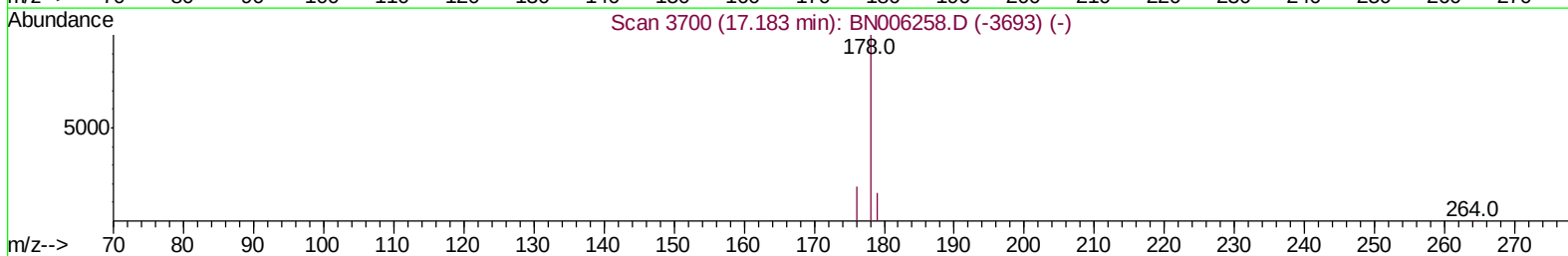
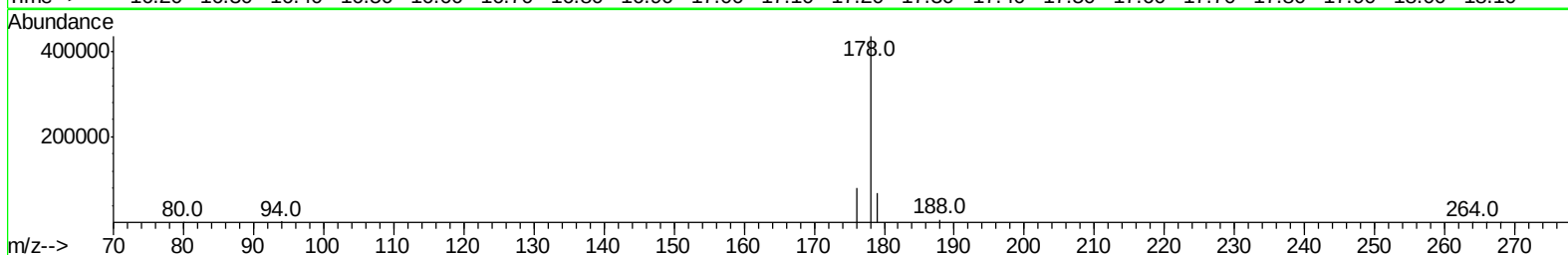
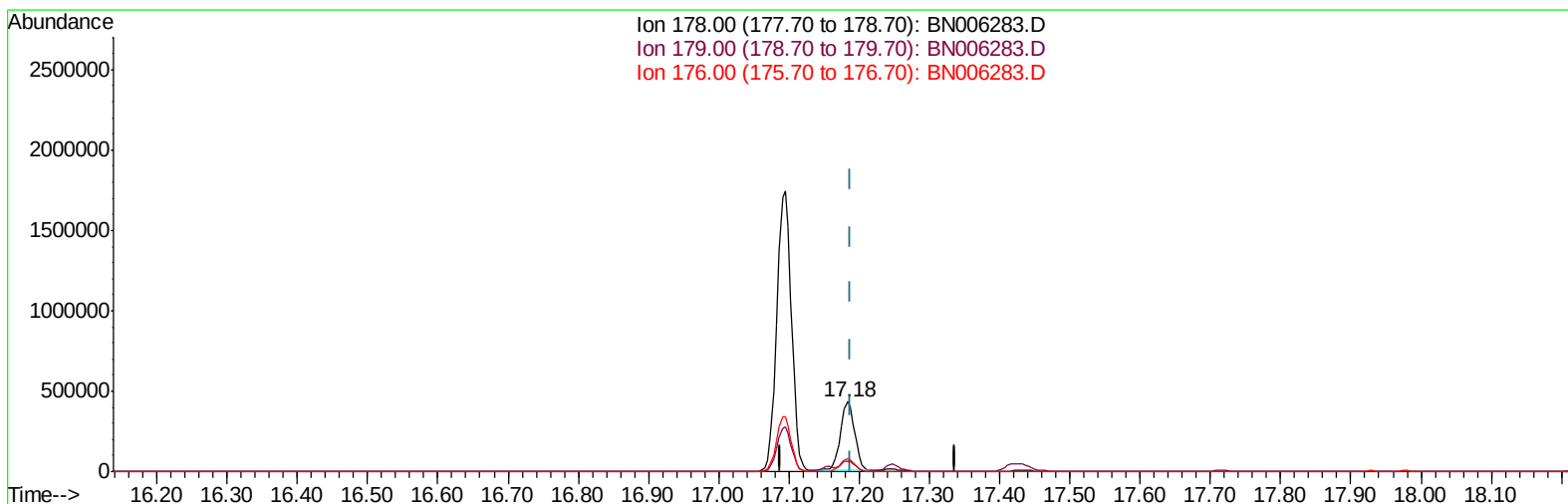
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(13) Anthracene

17.183min (-0.005) 5.78ng/ul m

response 598836

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.46
176.00	18.90	18.83
0.00	0.00	0.00

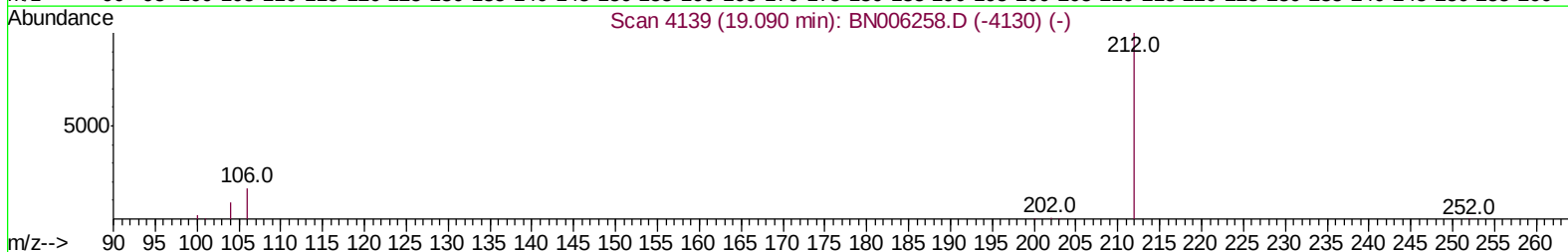
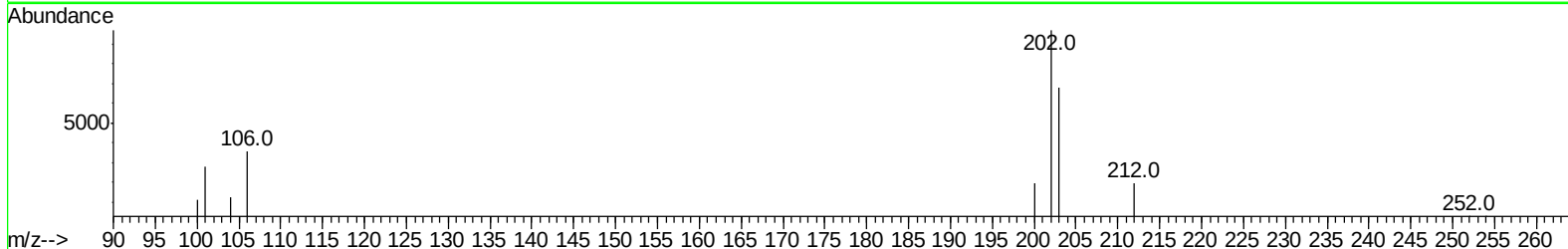
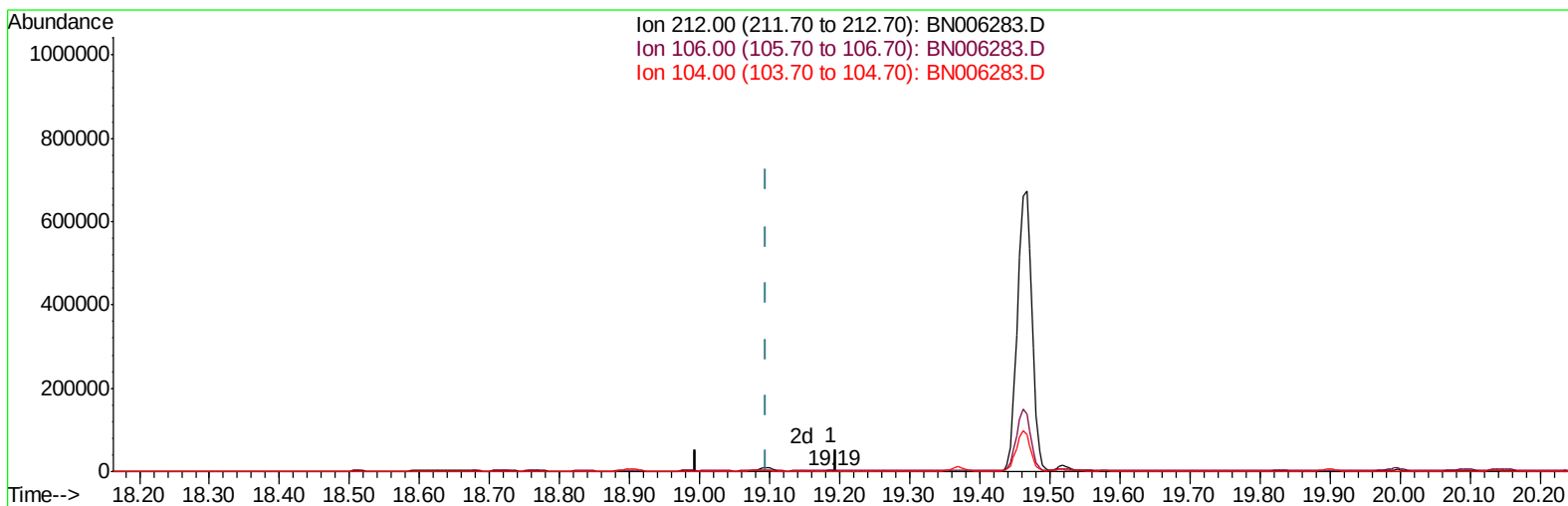
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(14) Fluoranthene-d10 (SURR)

19.188min (+0.093) 0.02ng/ul

response 1880

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	144.26#
104.00	9.90	28.94#
0.00	0.00	0.00

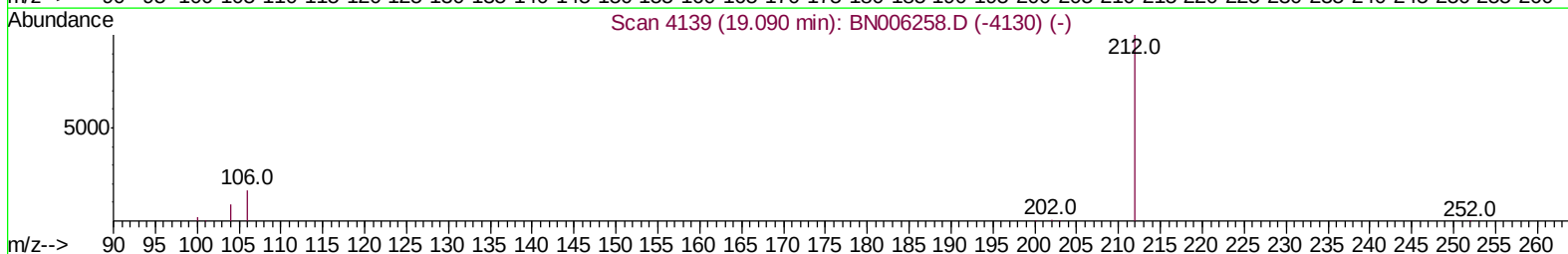
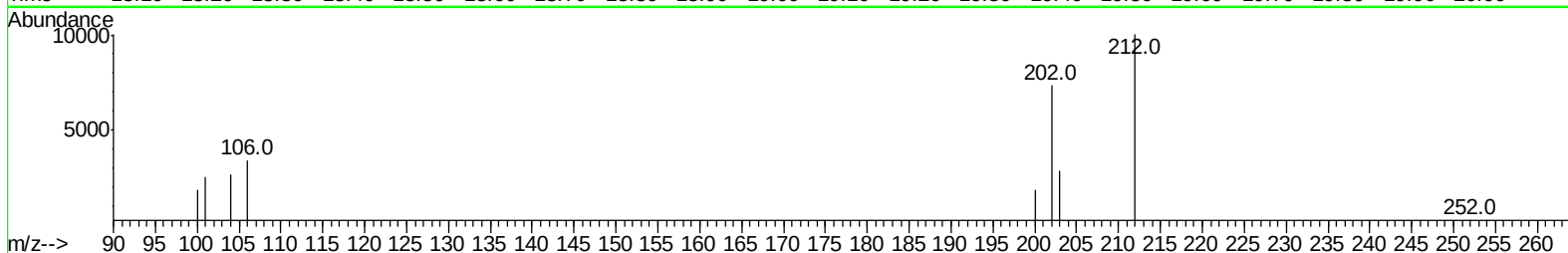
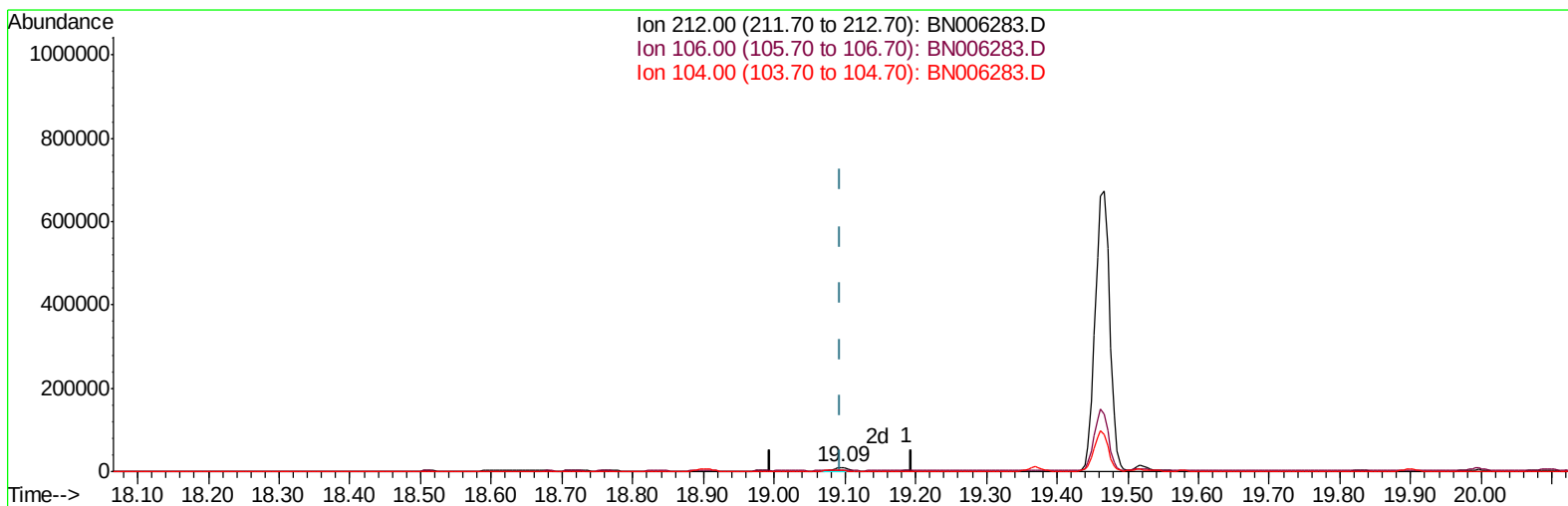
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(14) Fluoranthene-d10 (SURR)

19.095min (-0.000) 0.14ng/ul m

response 12485

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	21.72#
104.00	9.90	4.36#
0.00	0.00	0.00

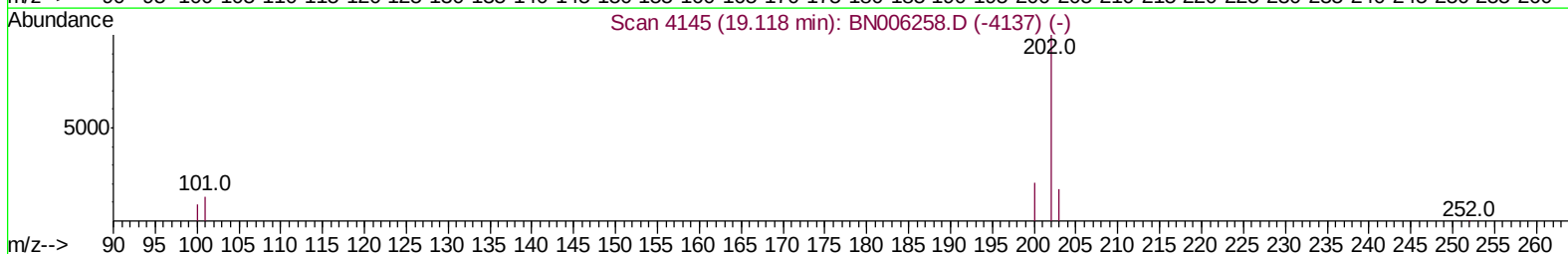
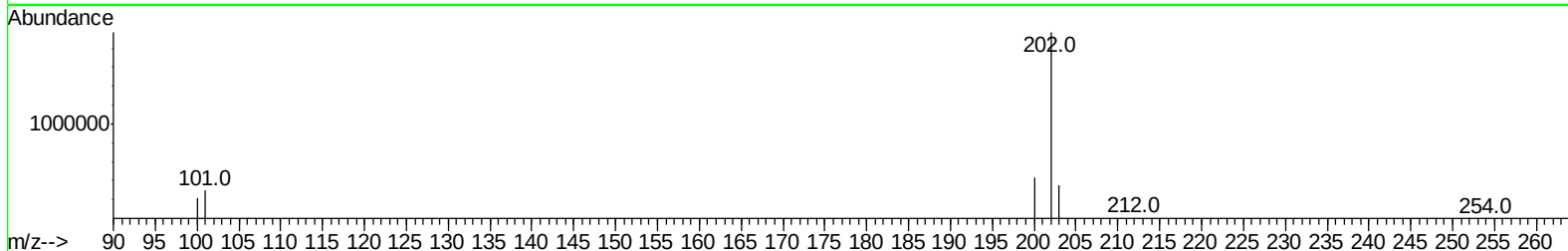
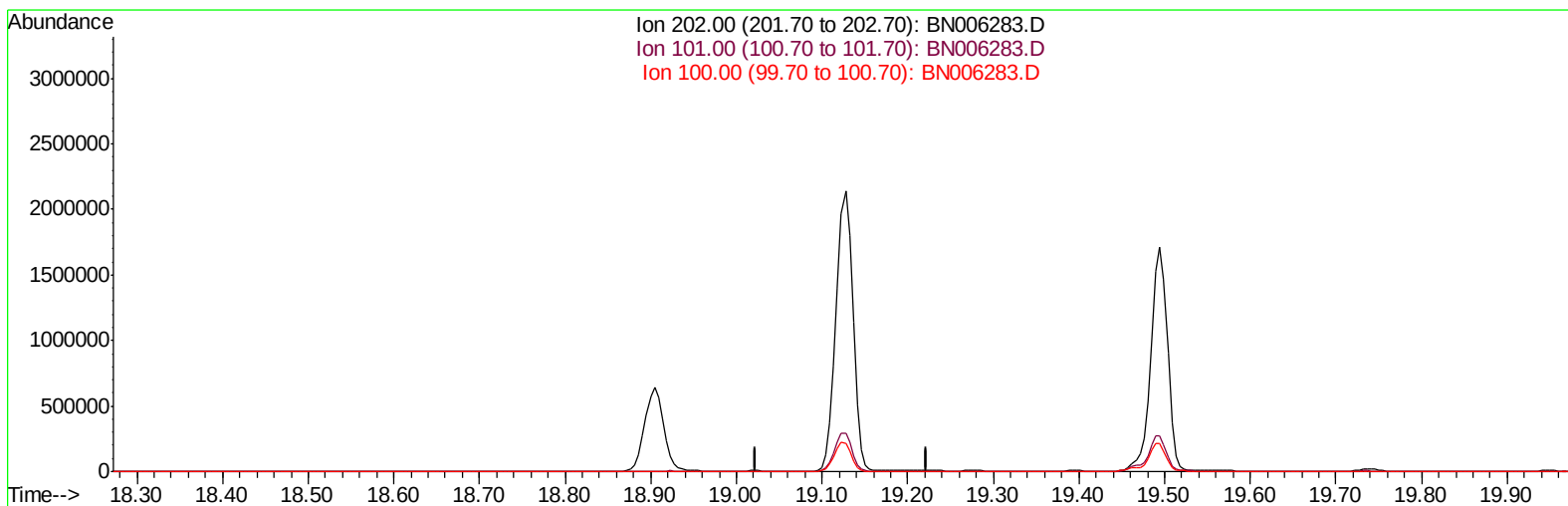
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(15) Fluoranthene (C)

19.123min (-19.123) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

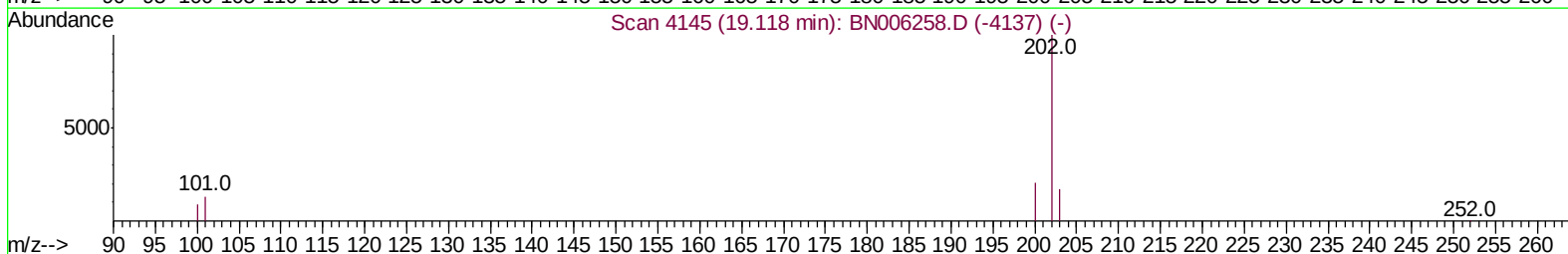
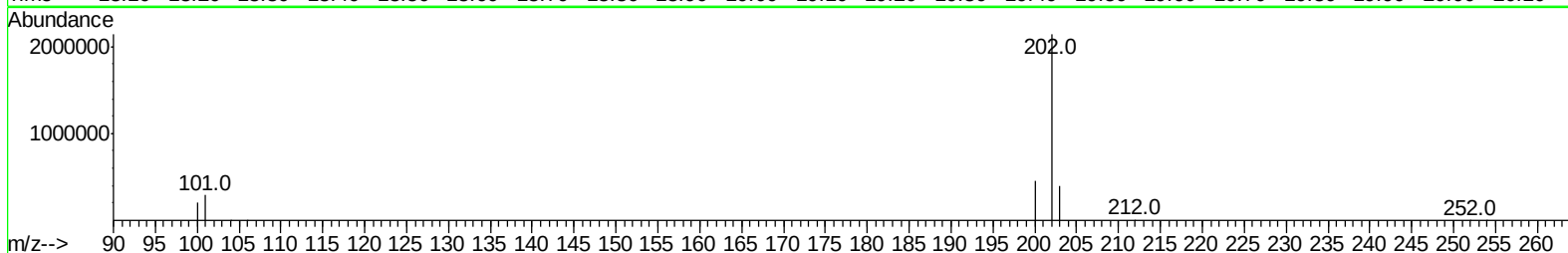
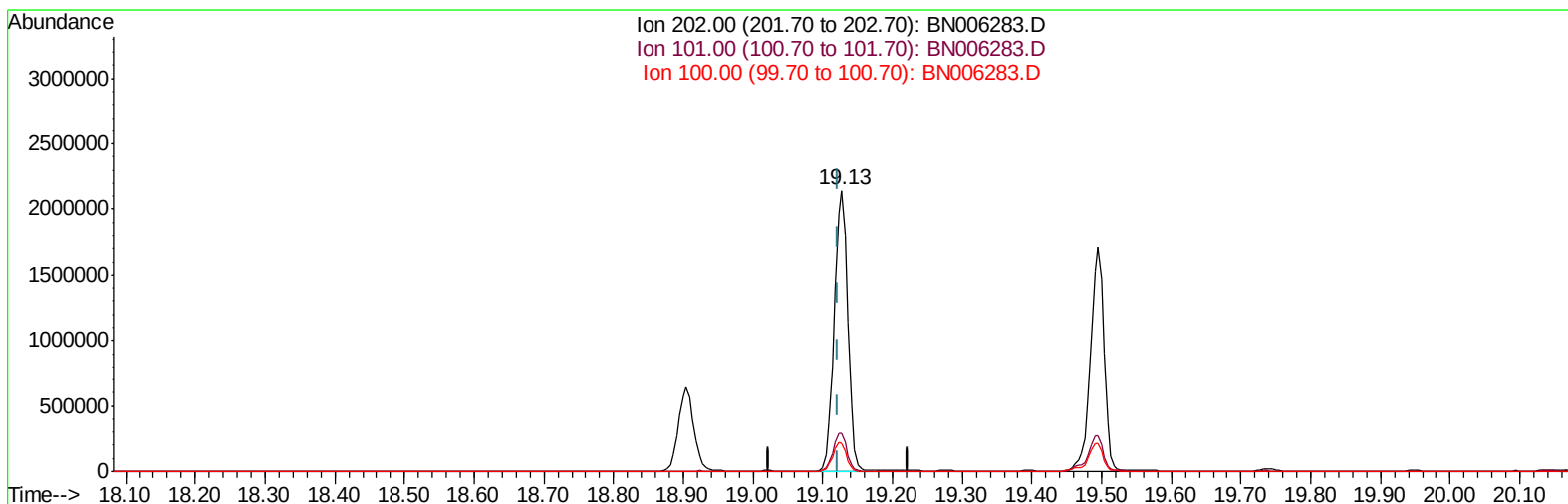
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(15) Fluoranthene (C)

19.127min (+0.004) 24.55ng/ul m

response 2939450

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.68
100.00	8.70	9.96
0.00	0.00	0.00

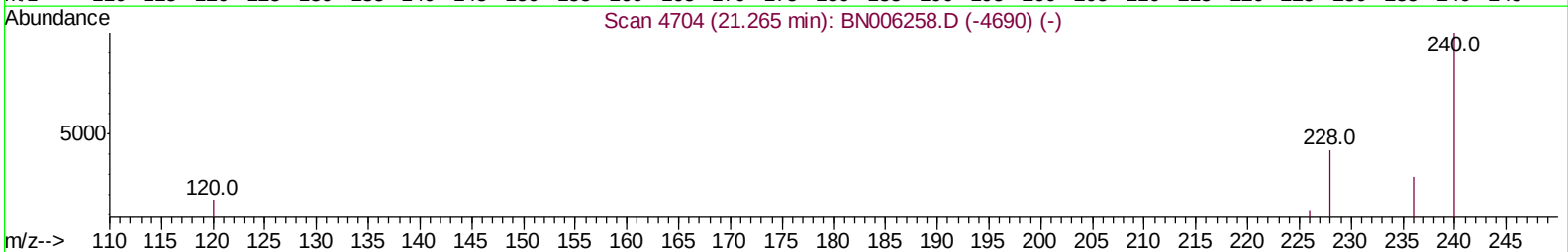
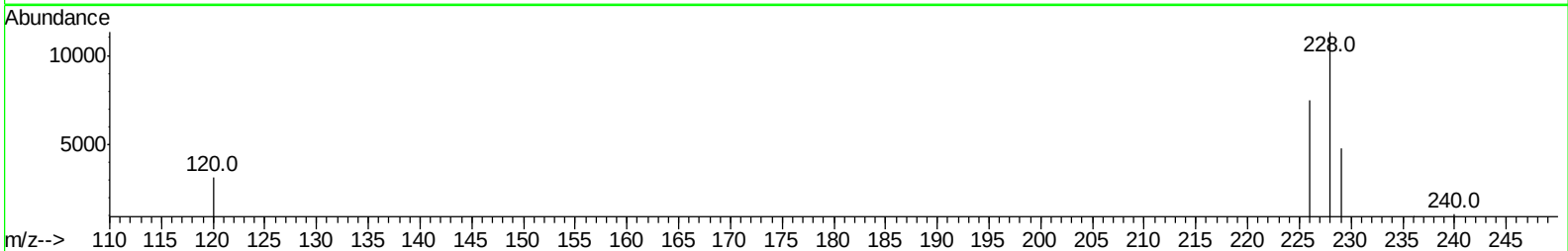
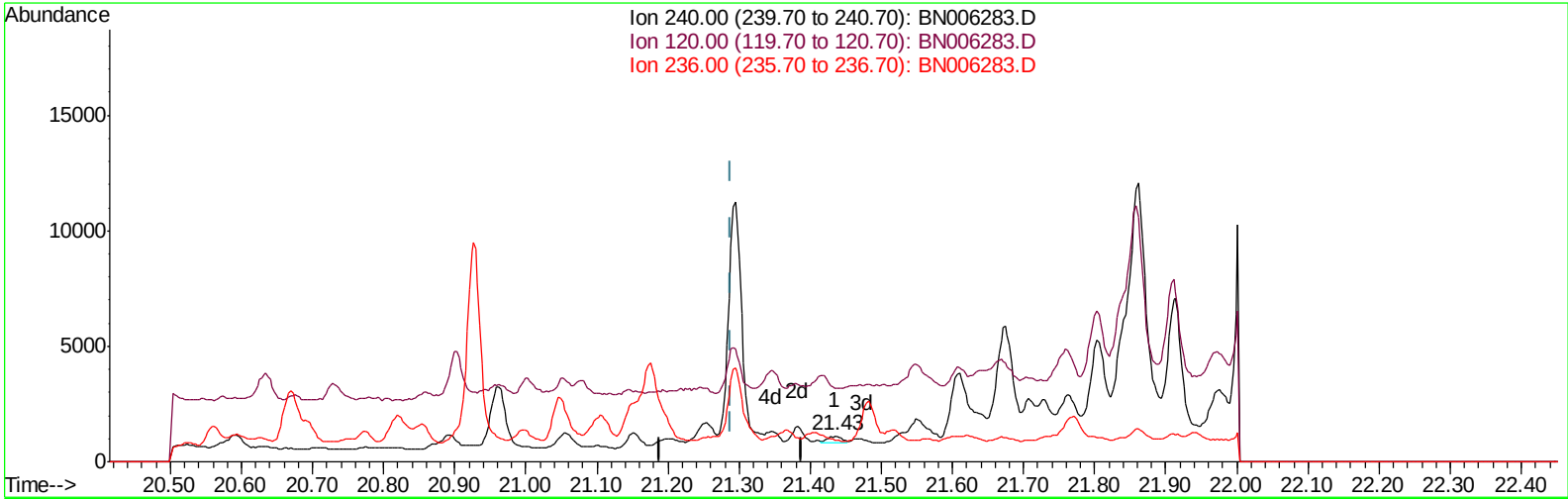
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
 Data File : BN006283.D
 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



TIC: BN006283.D

(16) Chrysene-d12 (I)

21.435min (+0.146) 0.40ng/ul

response 359

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	283.08#
236.00	30.10	84.77#
0.00	0.00	0.00

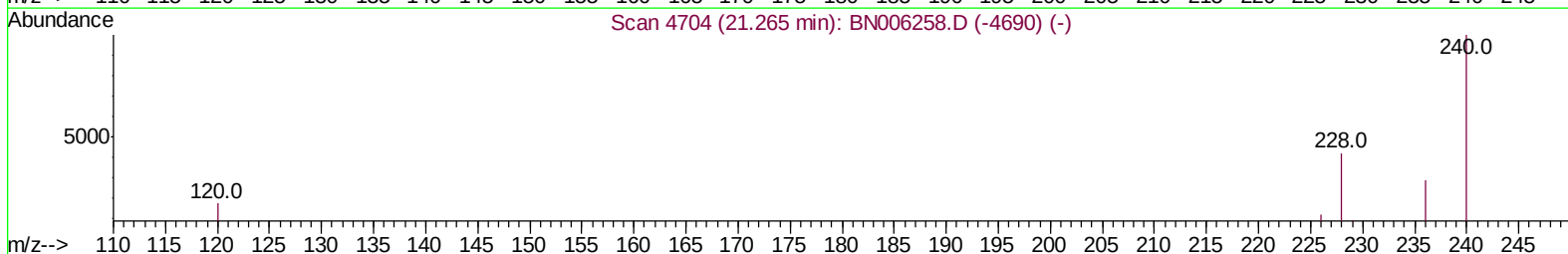
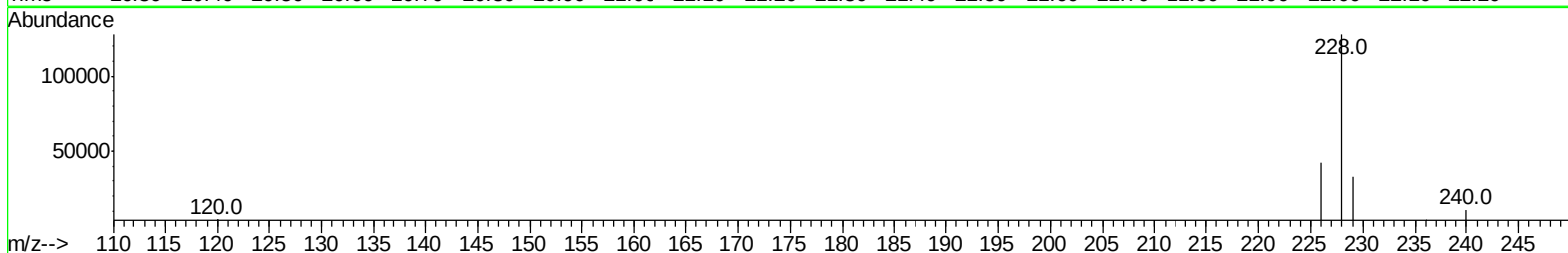
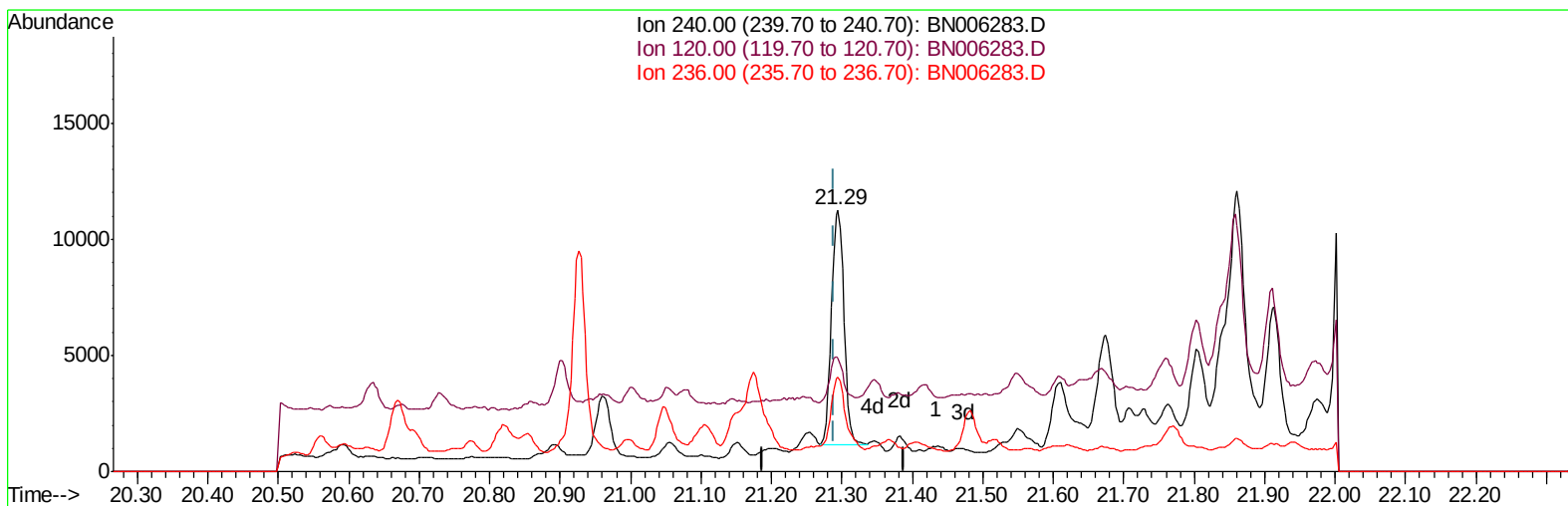
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(16) Chrysene-d12 (I)

21.295min (+0.006) 0.40ng/ul m

response 12368

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	43.52#
236.00	30.10	36.19#
0.00	0.00	0.00

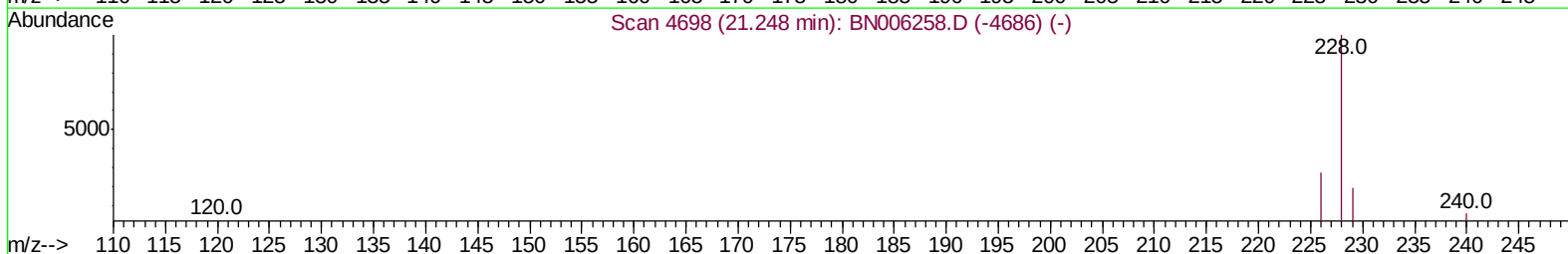
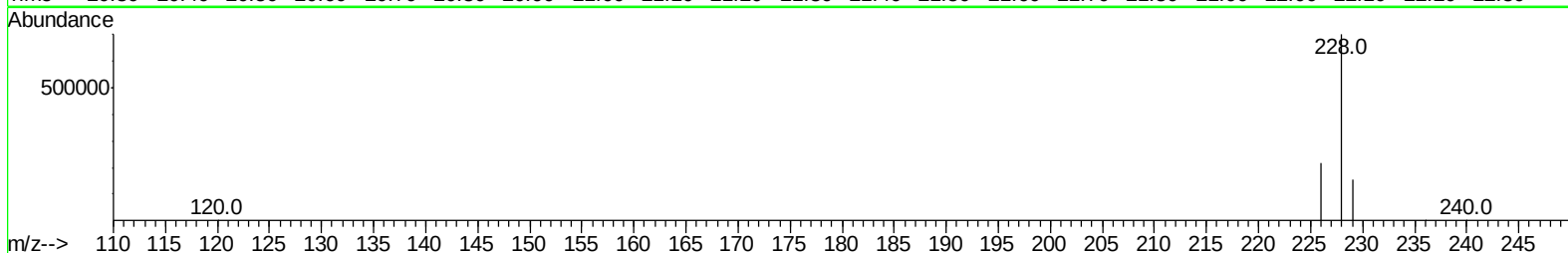
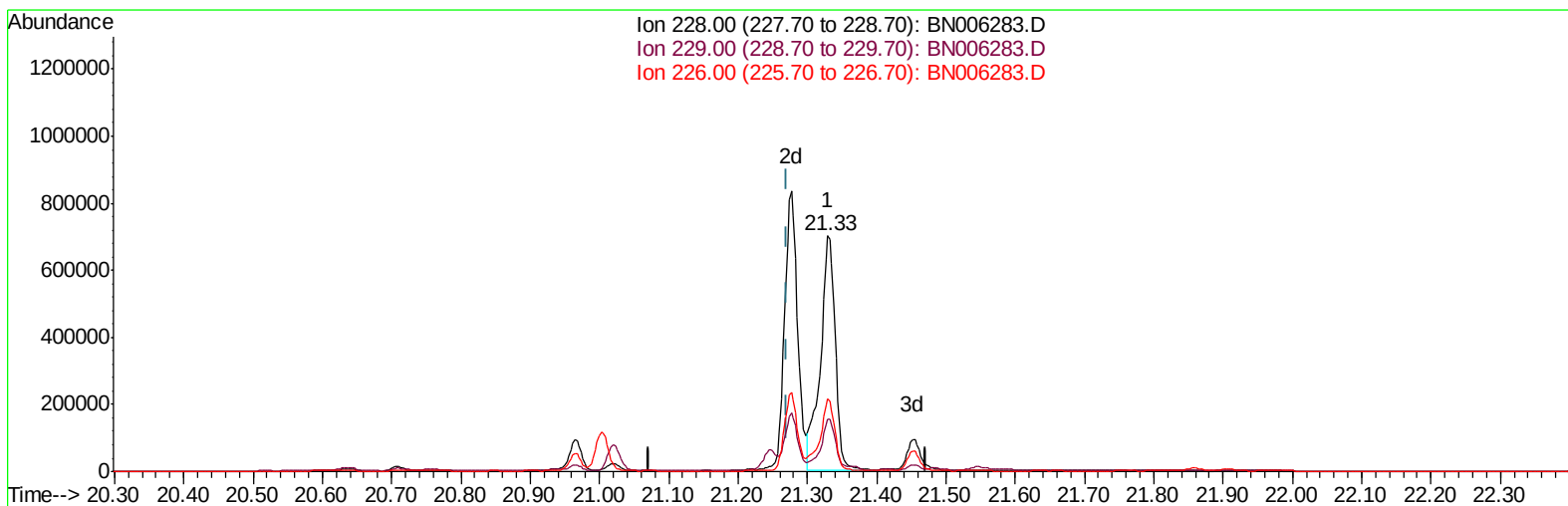
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(18) Benzo(a)anthracene
21.330min (+0.058) 19.05ng/ul
response 1041823

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	22.28
226.00	28.50	30.79
0.00	0.00	0.00

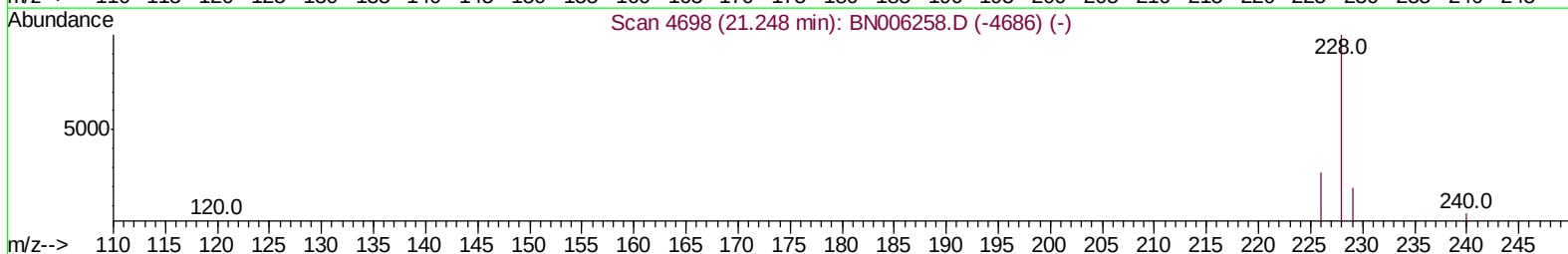
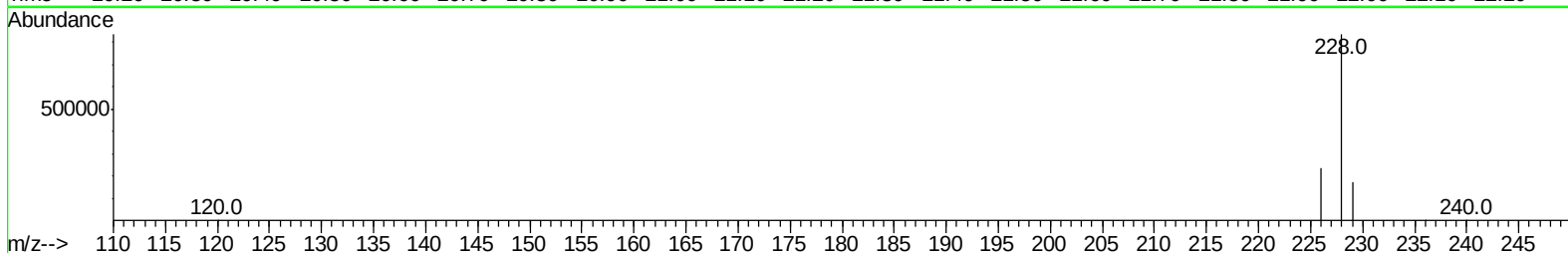
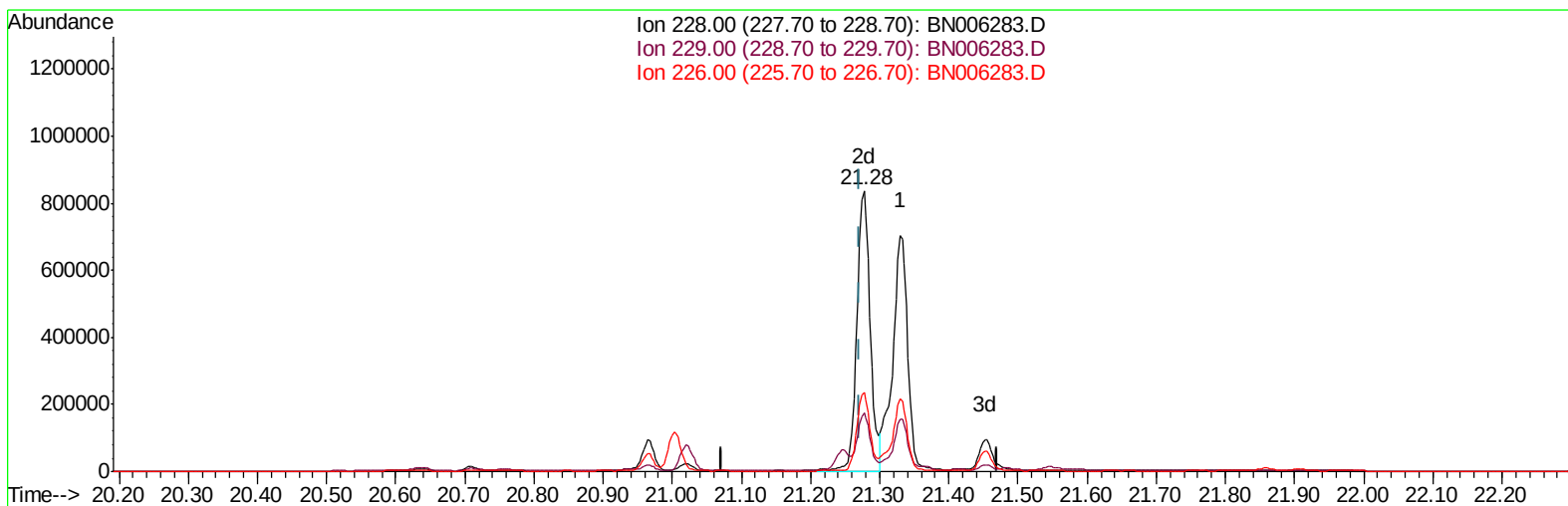
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(18) Benzo(a)anthracene

21.277min (+0.006) 20.66ng/ul m

response 1130385

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	20.75
226.00	28.50	28.09
0.00	0.00	0.00

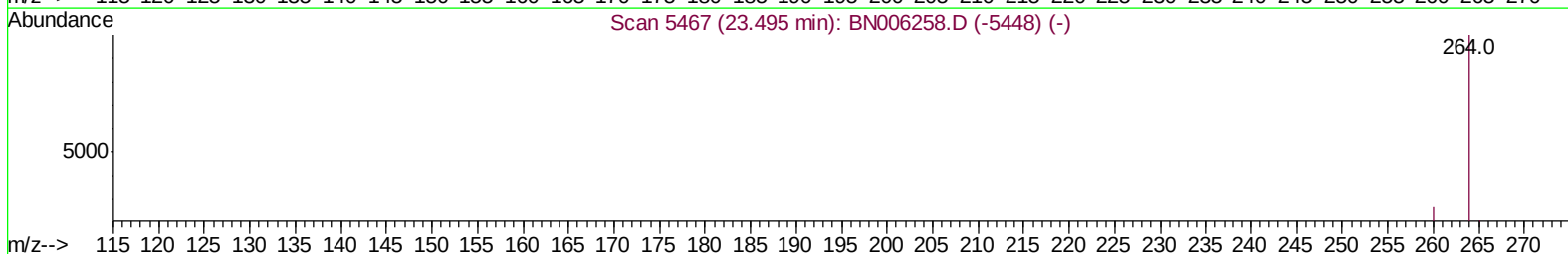
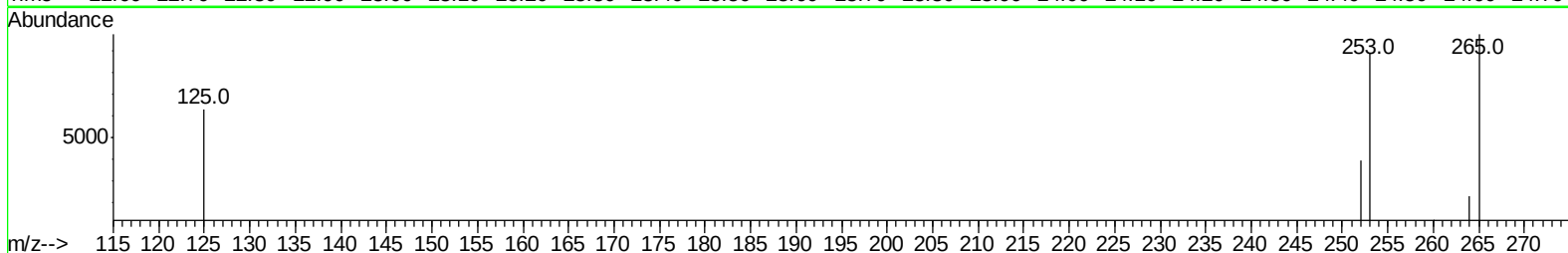
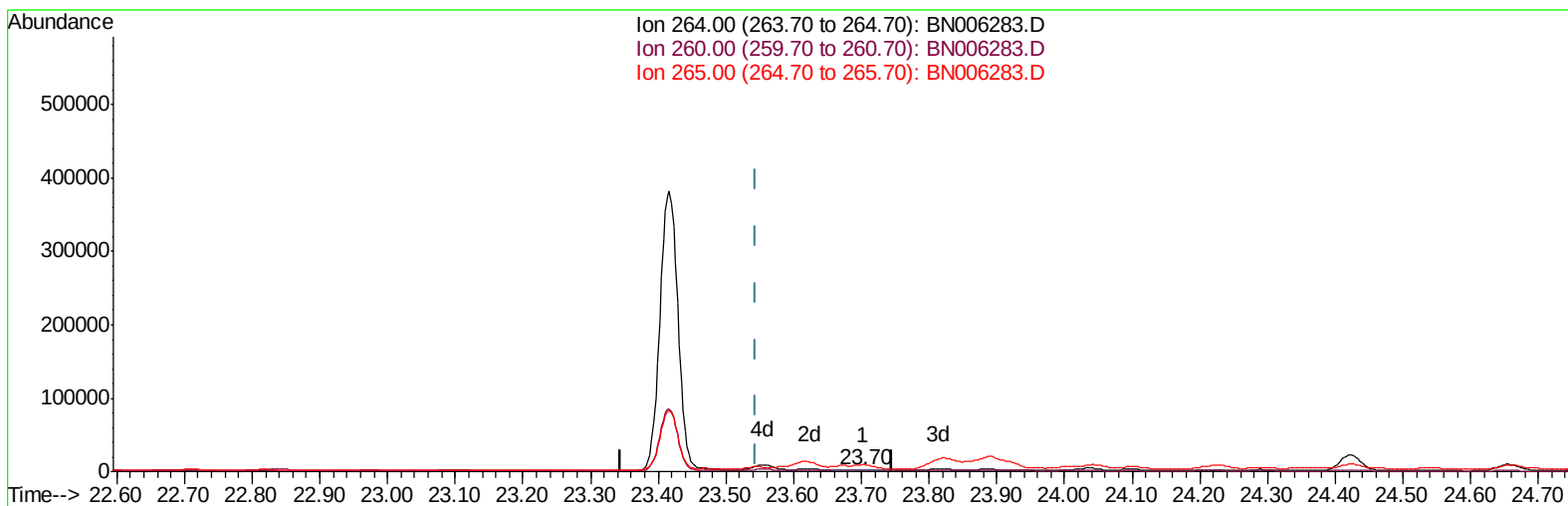
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(20) Perylene-d12 (I)

23.703min (+0.158) 0.40ng/ul

response 3906

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	50.80#
265.00	44.70	422.76#
0.00	0.00	0.00

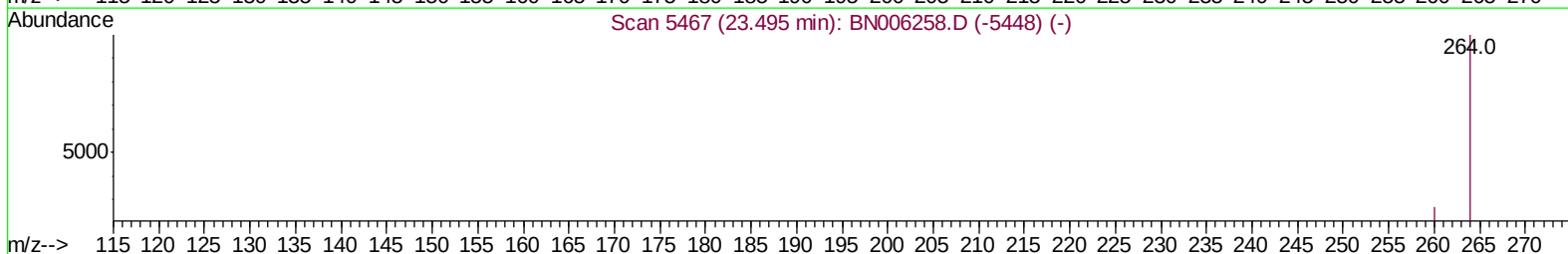
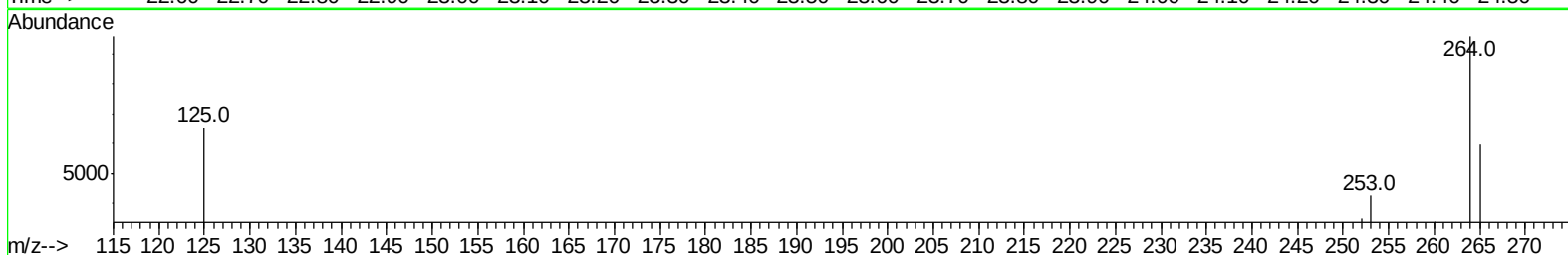
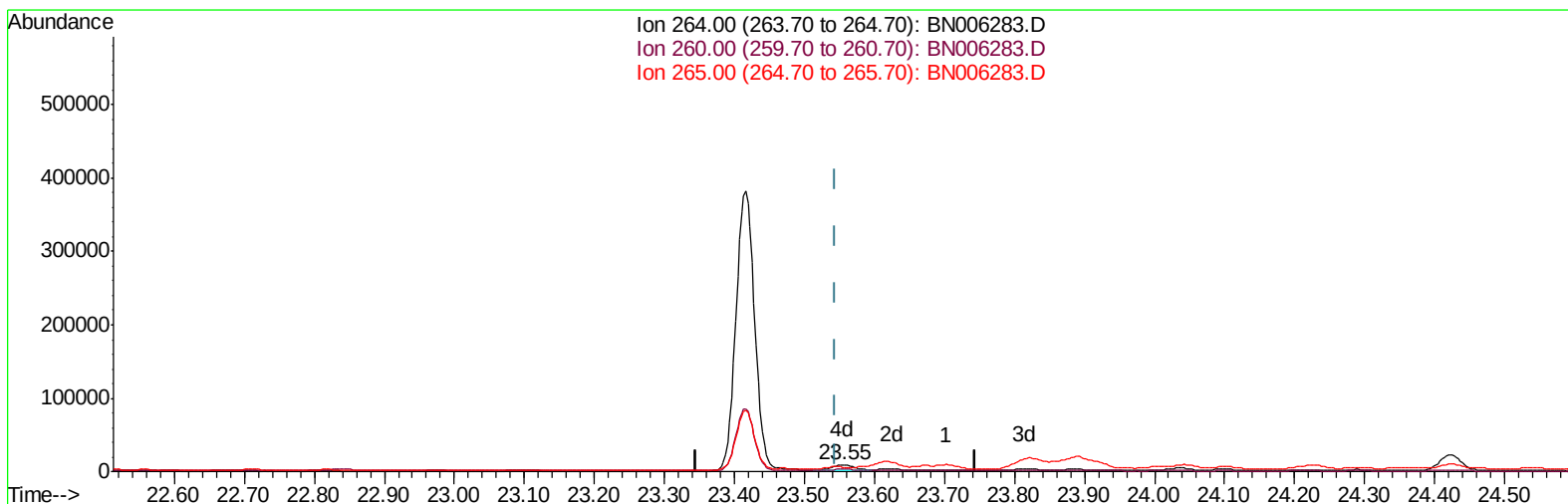
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(20) Perylene-d12 (I)

23.554min (+0.008) 0.40ng/ul m

response 14334

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	35.29#
265.00	44.70	62.31#
0.00	0.00	0.00

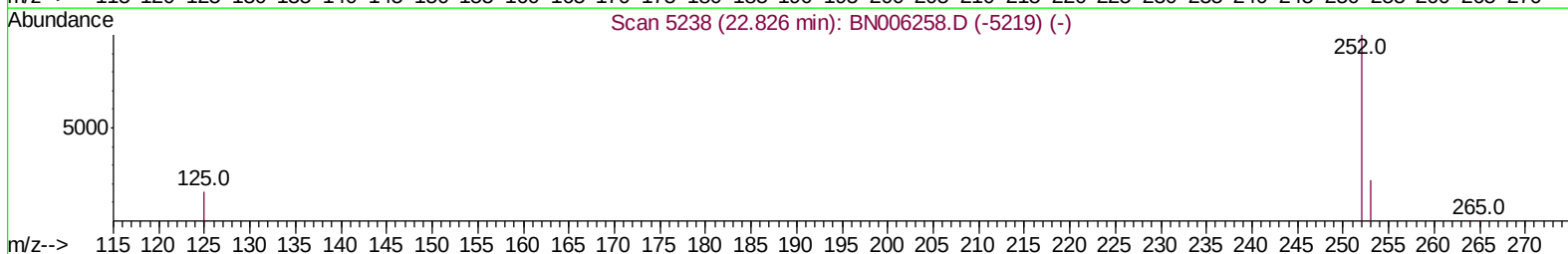
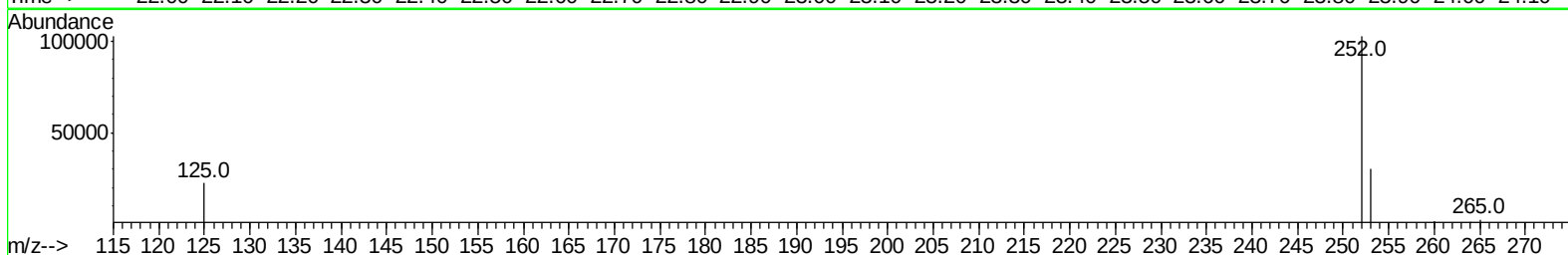
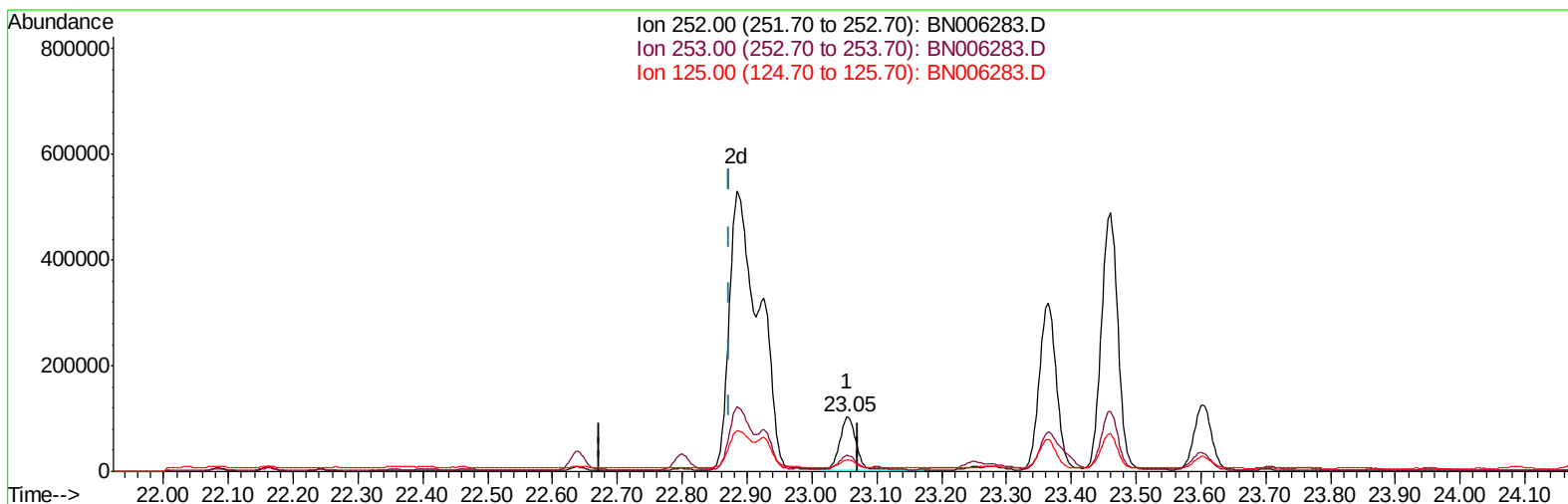
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(21) Benzo(b)fluoranthene

23.054min (+0.181) 2.95ng/ul

response 176597

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	29.52
125.00	20.50	21.67
0.00	0.00	0.00

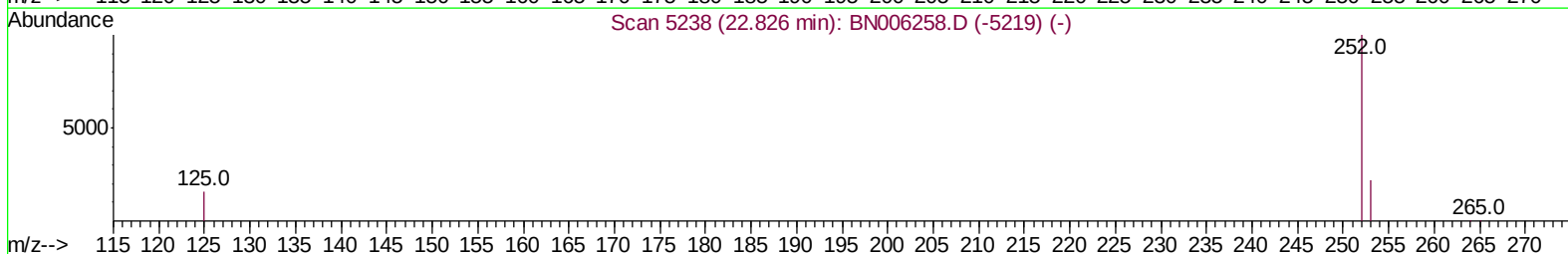
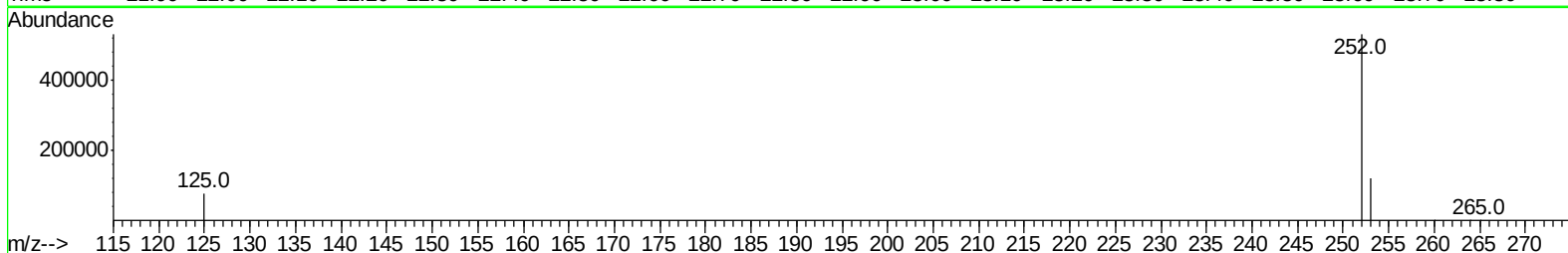
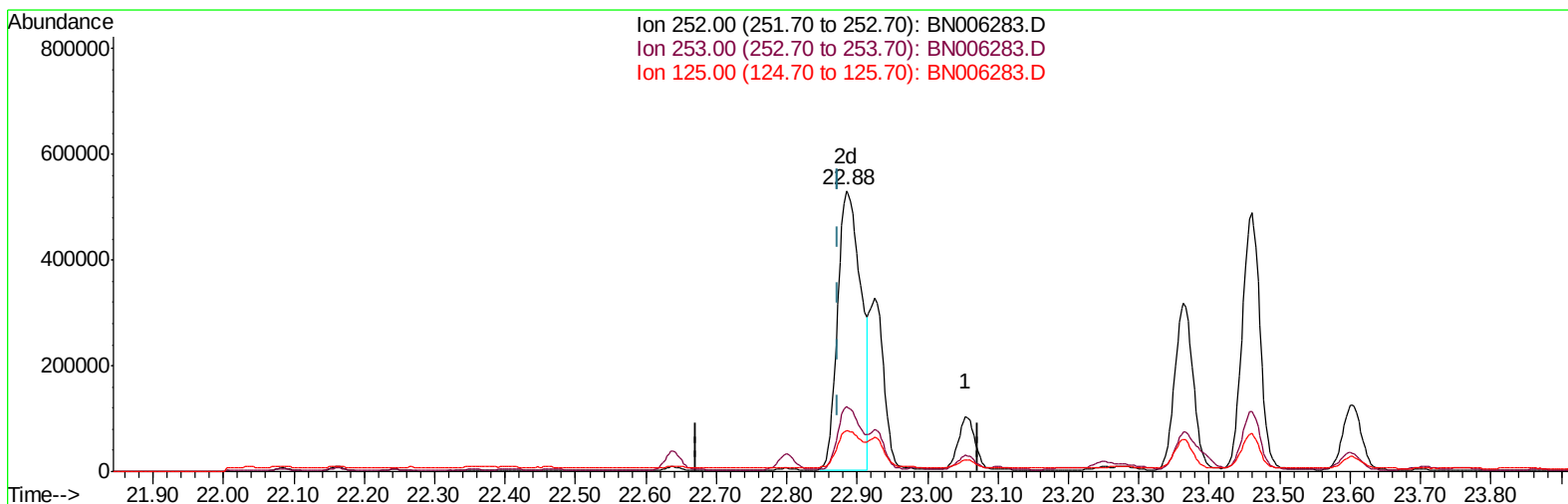
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(21) Benzo(b)fluoranthene

22.884min (+0.011) 20.12ng/ul m

response 1202463

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	22.98
125.00	20.50	14.56
0.00	0.00	0.00

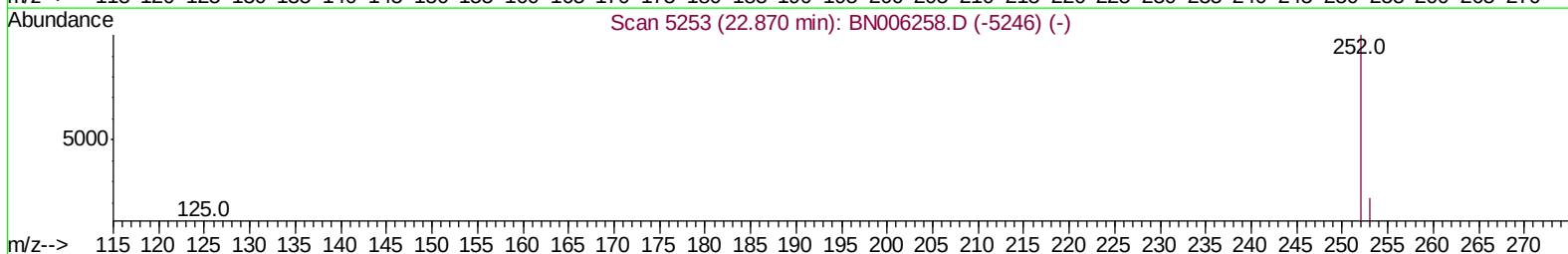
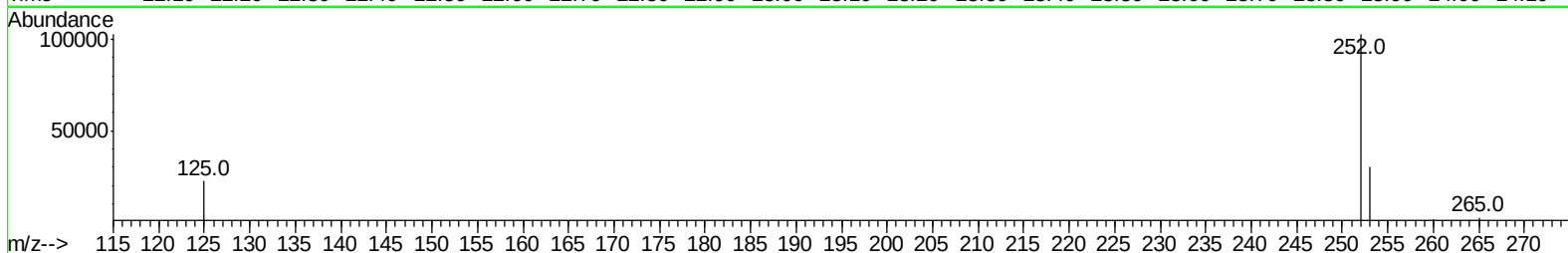
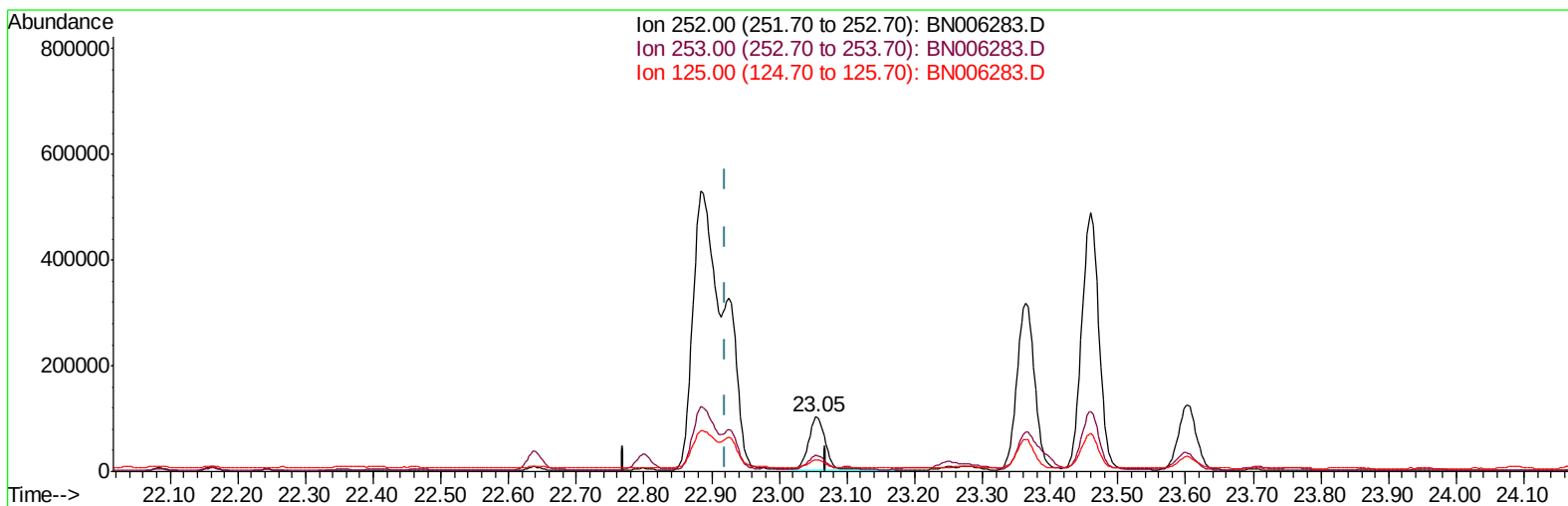
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(22) Benzo(k)fluoranthene

23.054min (+0.134) 3.02ng/ul

response 175766

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.52
125.00	17.90	21.67#
0.00	0.00	0.00

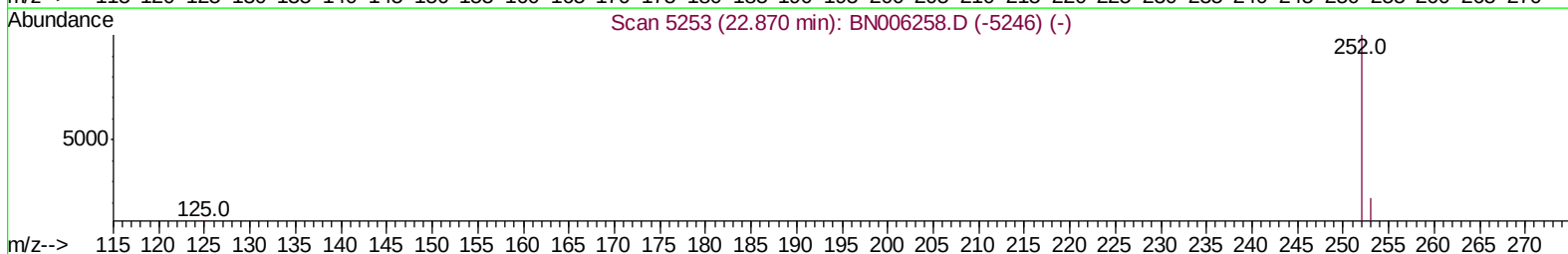
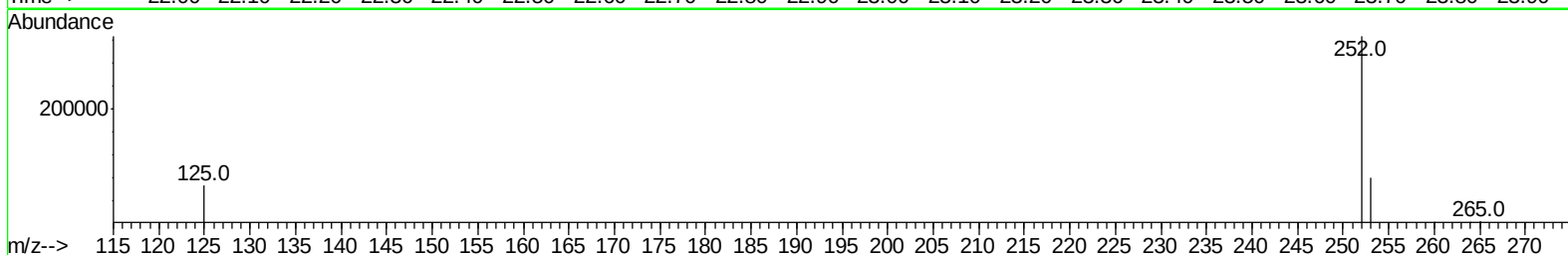
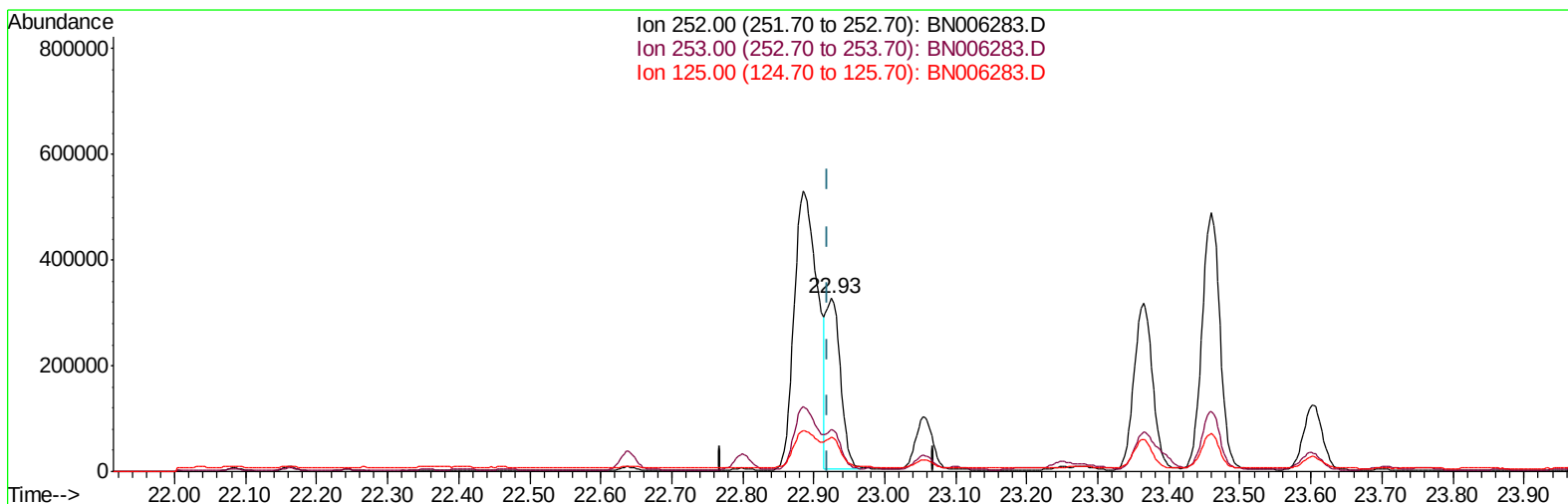
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(22) Benzo(k)fluoranthene

22.925min (+0.006) 8.14ng/ul m

response 474046

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.99
125.00	17.90	20.06
0.00	0.00	0.00

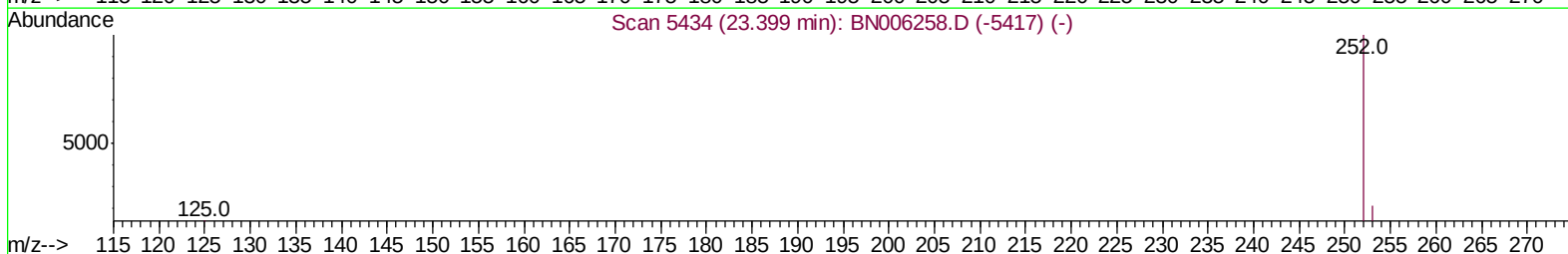
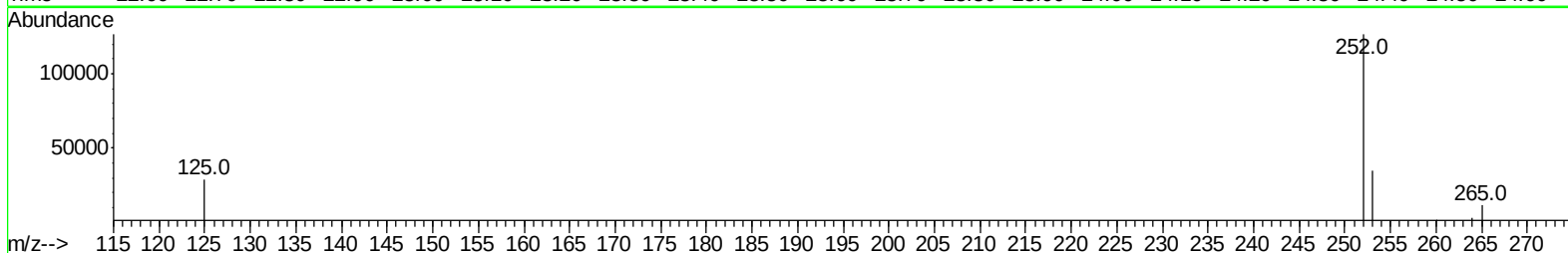
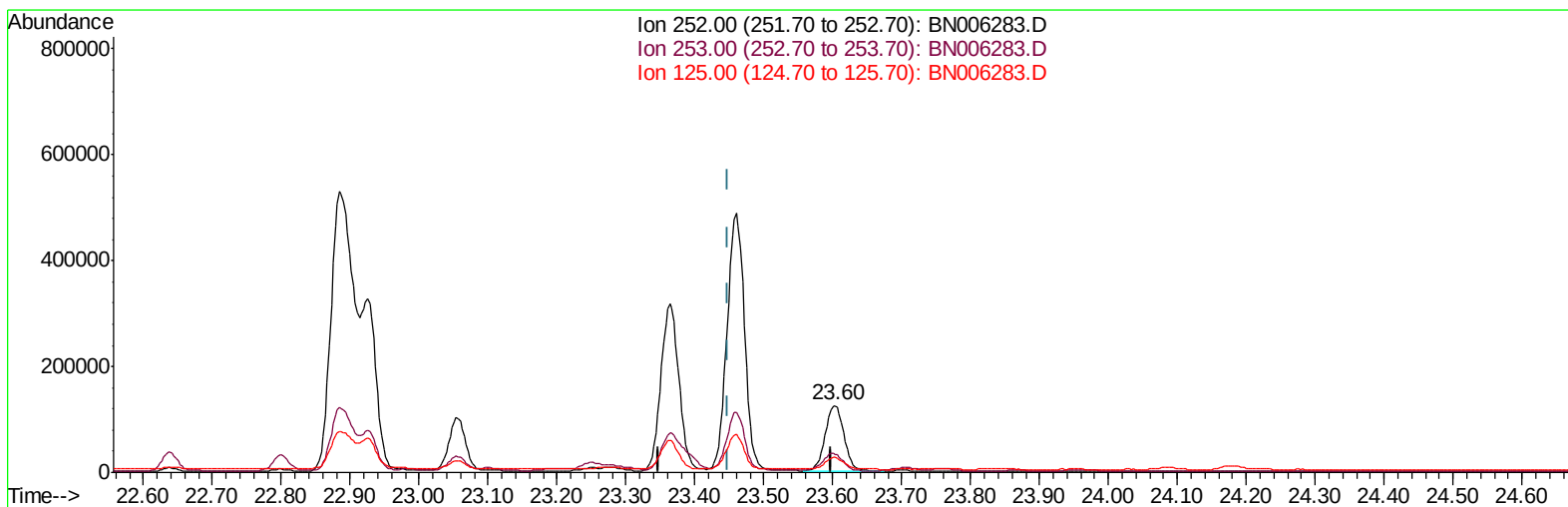
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(23) Benzo(a)pyrene (C)

23.604min (+0.155) 4.14ng/ul

response 230214

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	27.70
125.00	25.40	22.67
0.00	0.00	0.00

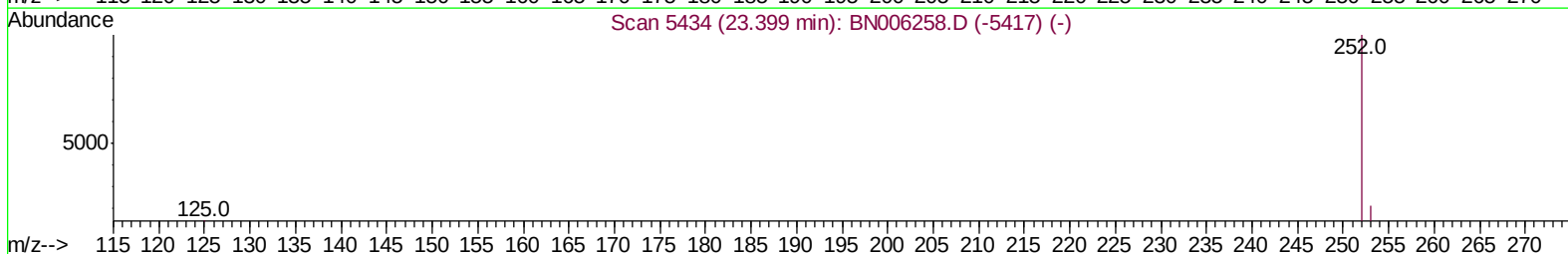
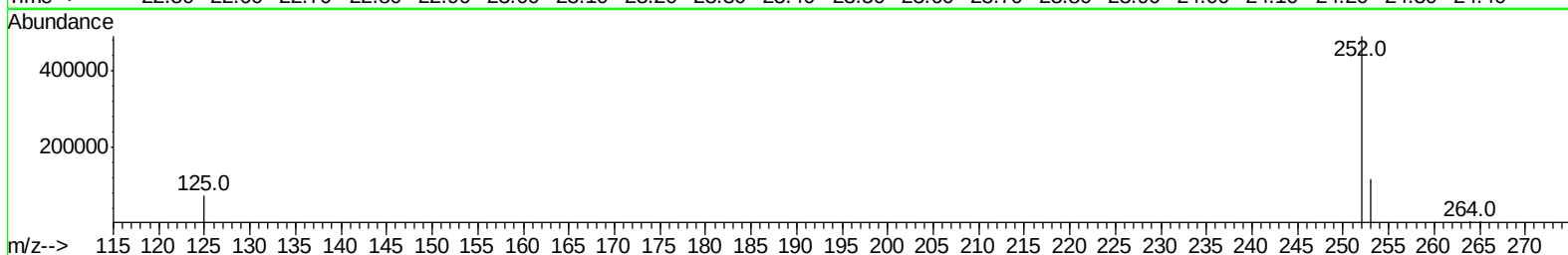
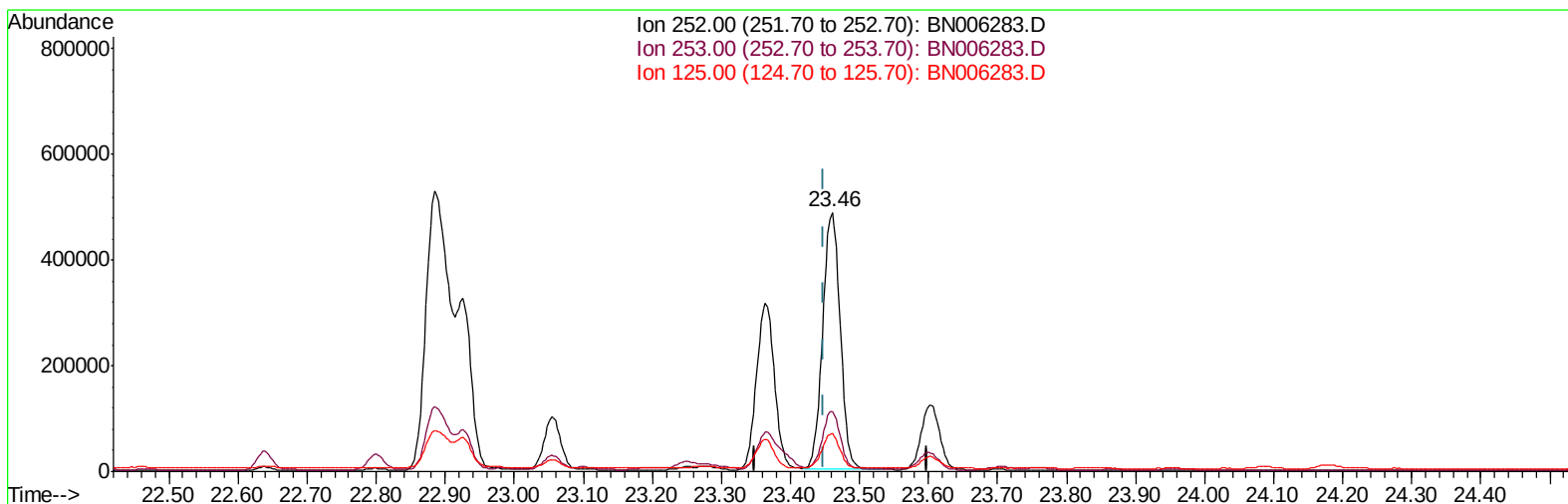
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(23) Benzo(a)pyrene (C)

23.460min (+0.011) 15.39ng/ul m

response 856721

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.32
125.00	25.40	14.54#
0.00	0.00	0.00

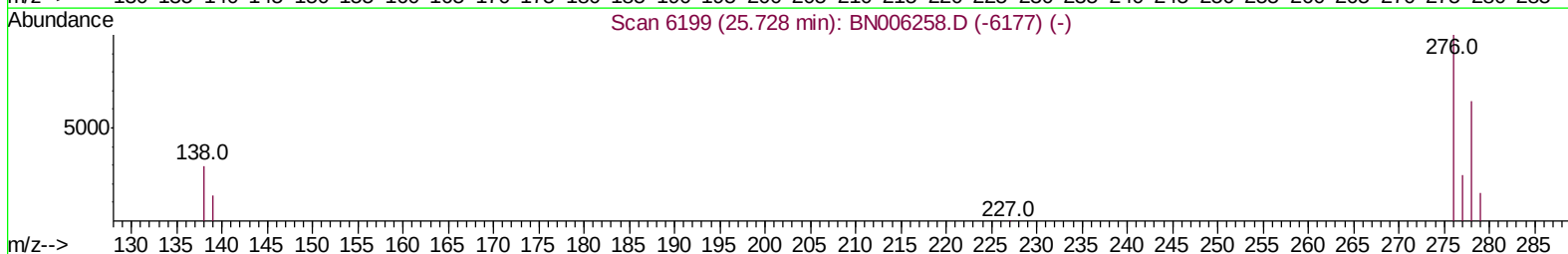
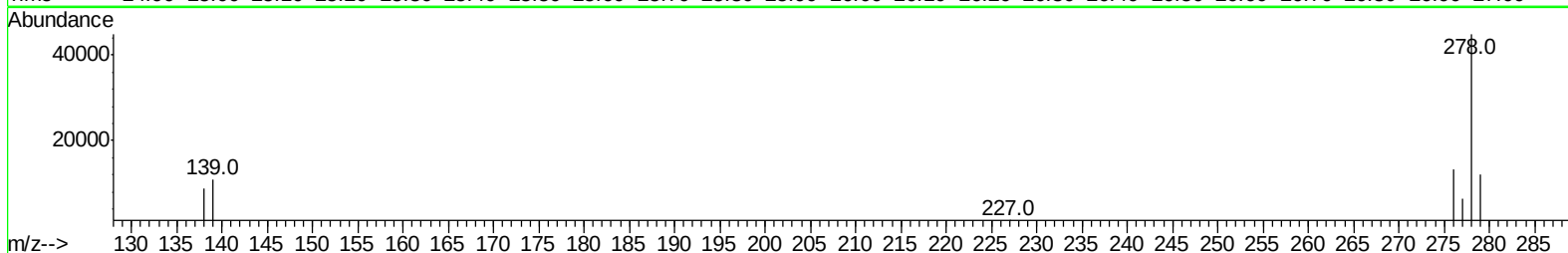
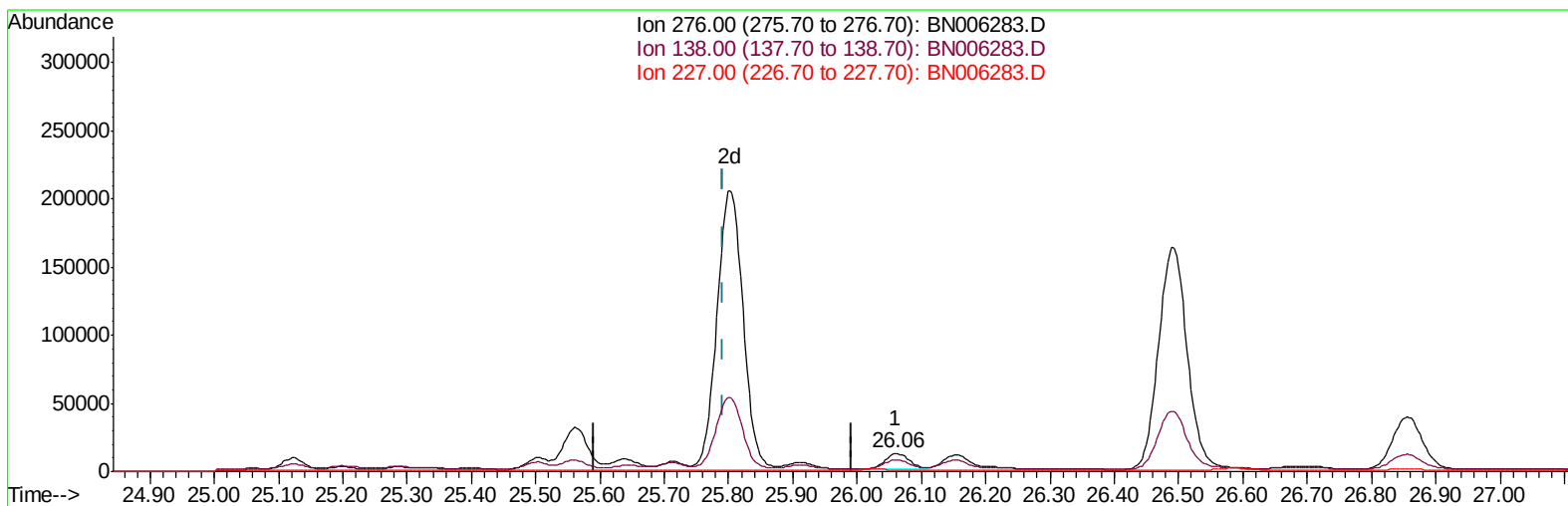
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

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

26.060min (+0.268) 0.52ng/ul

response 31365

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	58.76#
227.00	0.40	0.00#
0.00	0.00	0.00

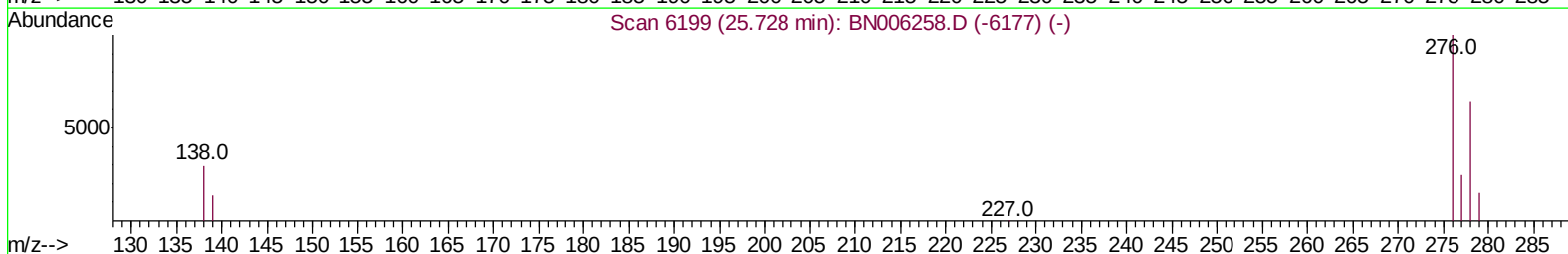
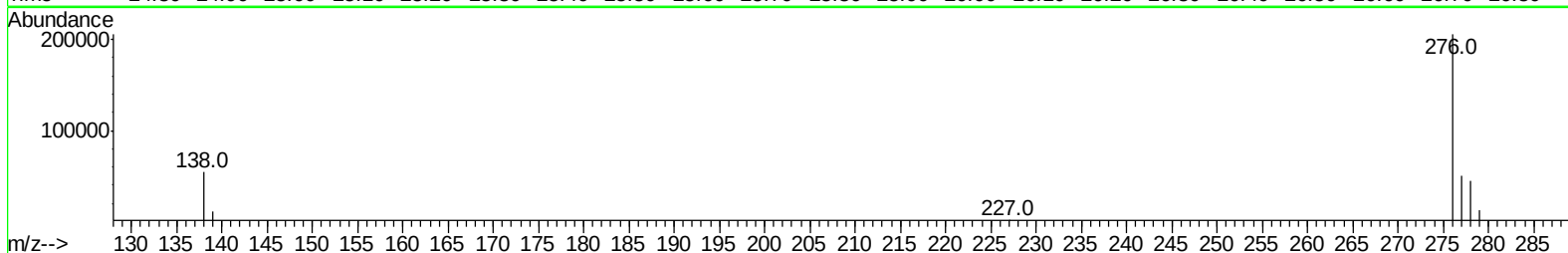
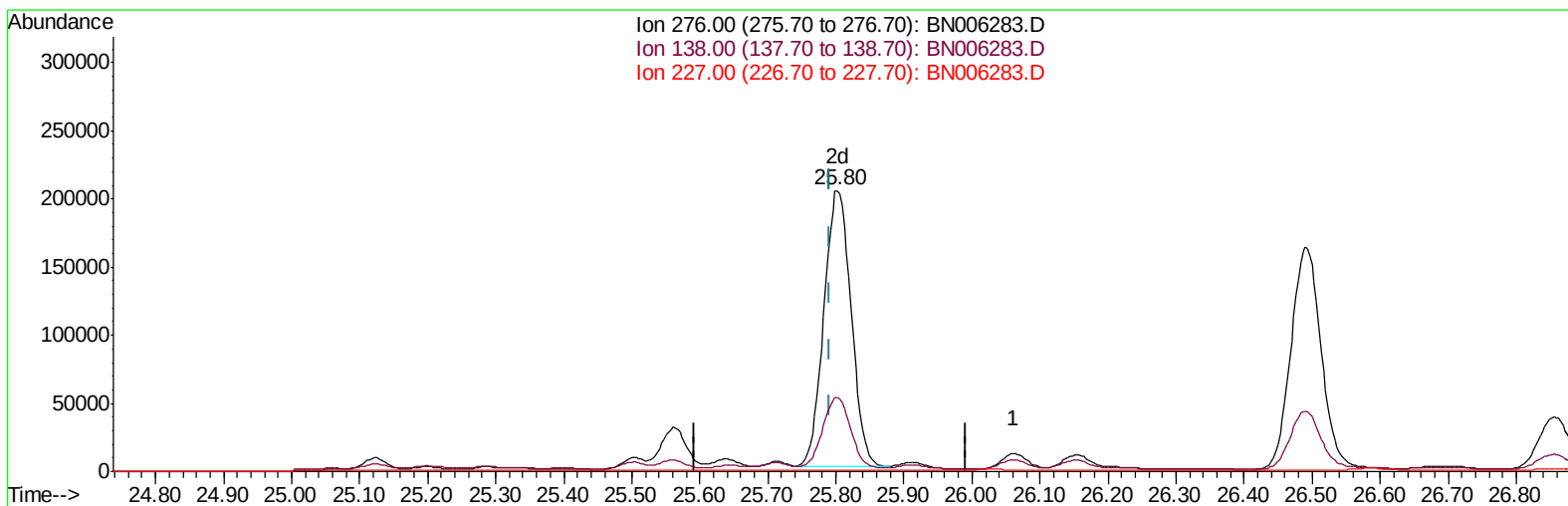
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

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

25.802min (+0.010) 9.31ng/ul m

response 561178

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	3.28#
227.00	0.40	0.00#
0.00	0.00	0.00

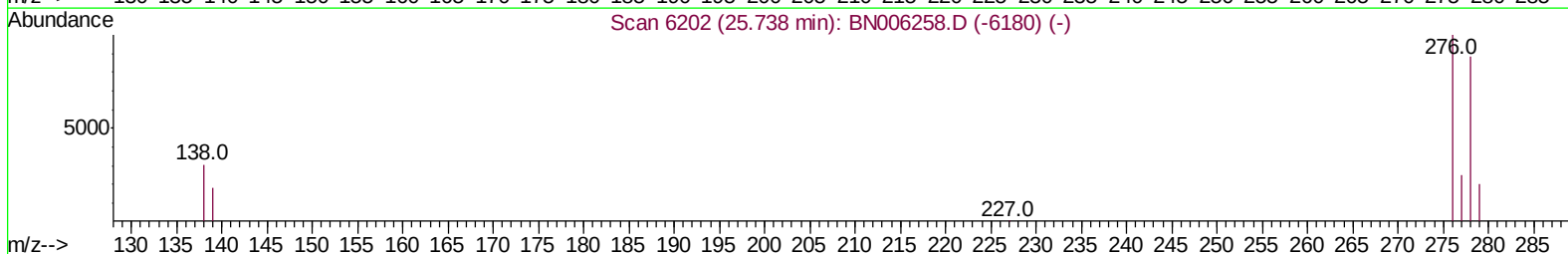
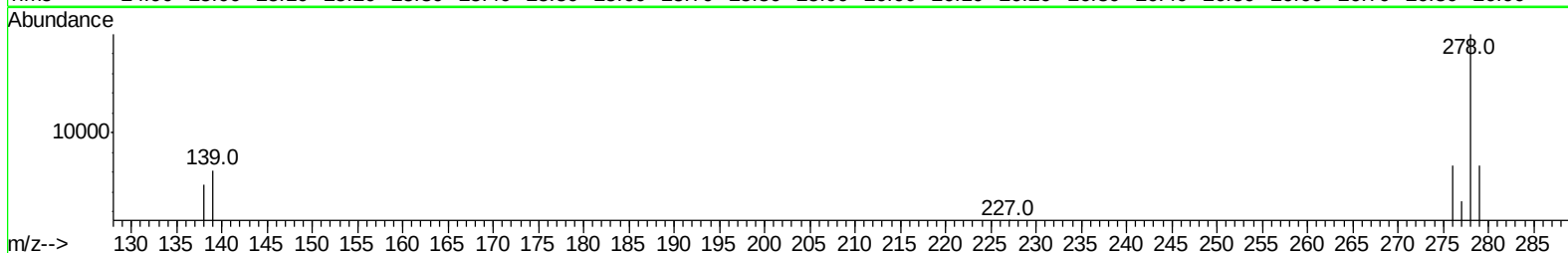
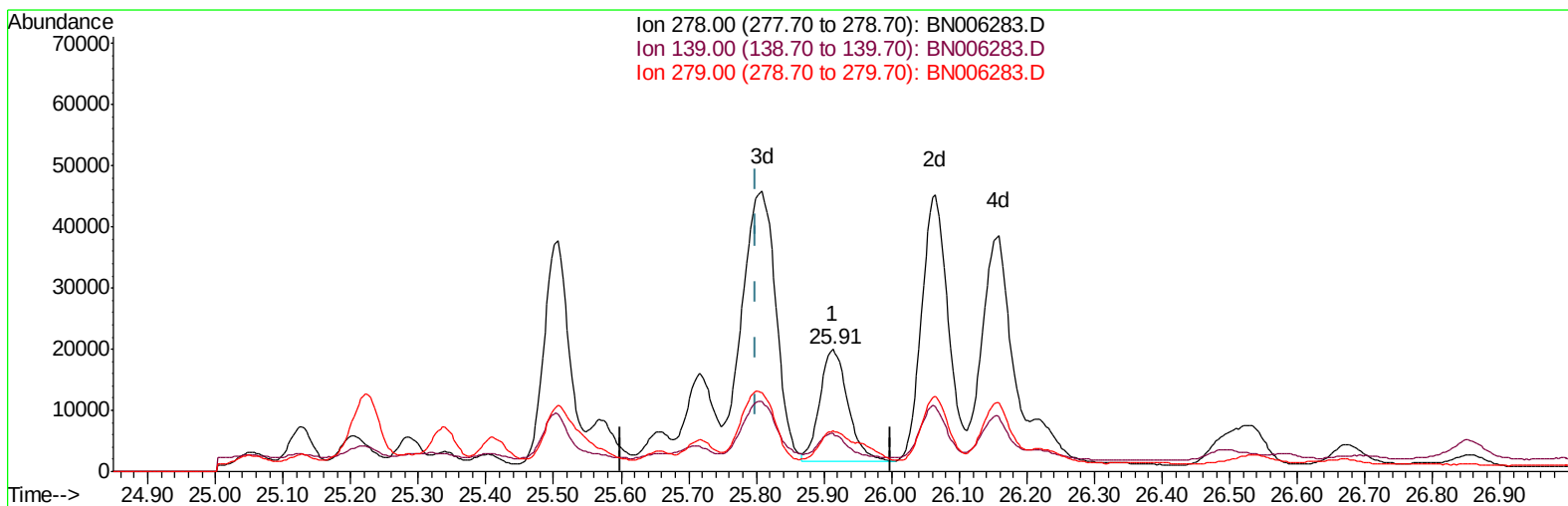
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

(25) Dibenzo(a,h)anthracene

25.913min (+0.114) 1.09ng/ul

response 52431

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	31.06
279.00	28.20	33.33
0.00	0.00	0.00

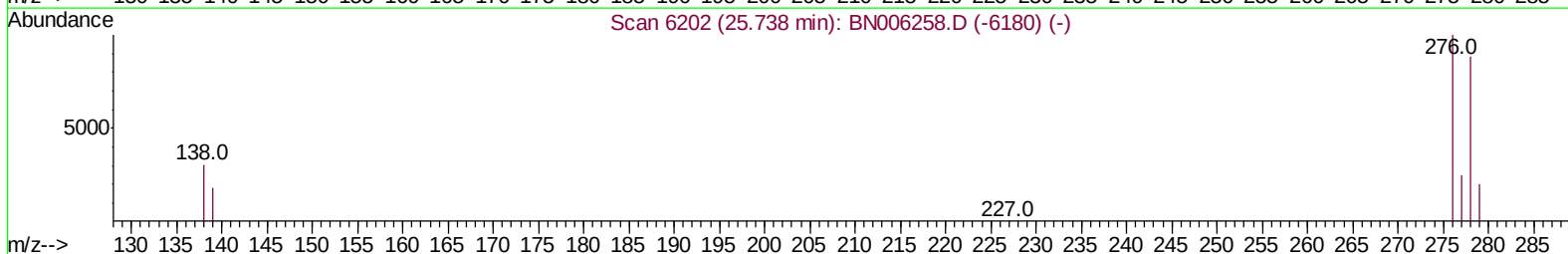
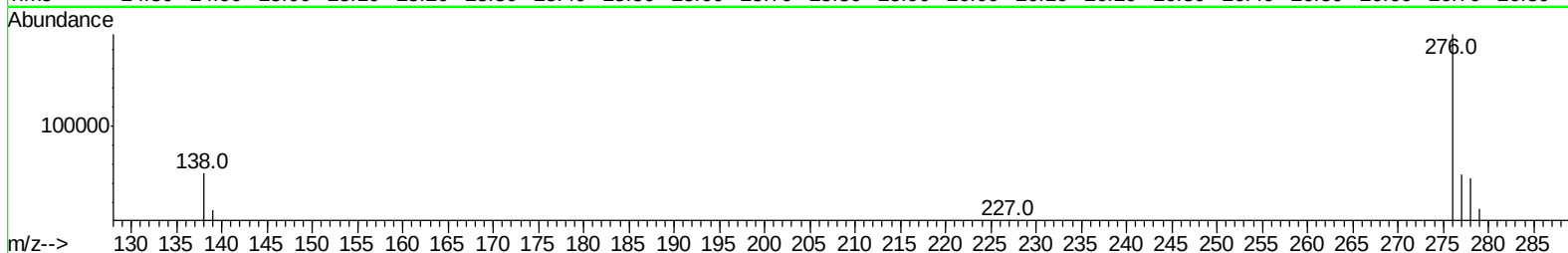
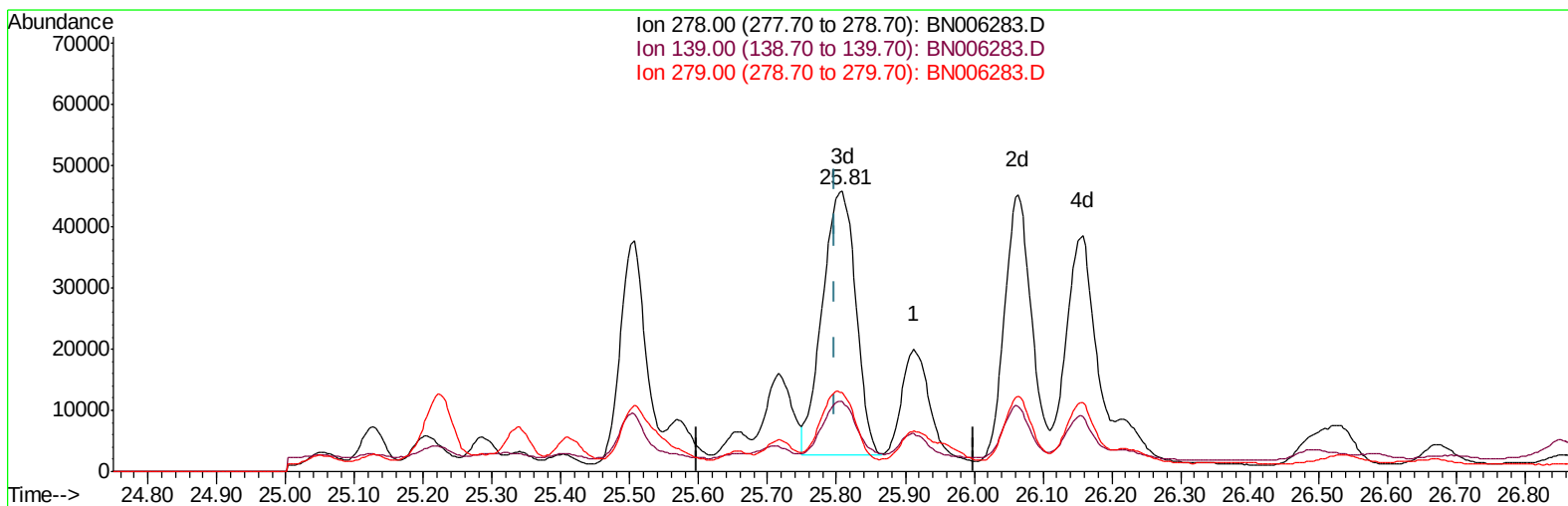
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
 Data File : BN006283.D
 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration



TIC: BN006283.D

(25) Dibenzo(a,h)anthracene

25.809min (+0.010) 3.03ng/ul m

response 145984

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	24.83
279.00	28.20	28.02
0.00	0.00	0.00

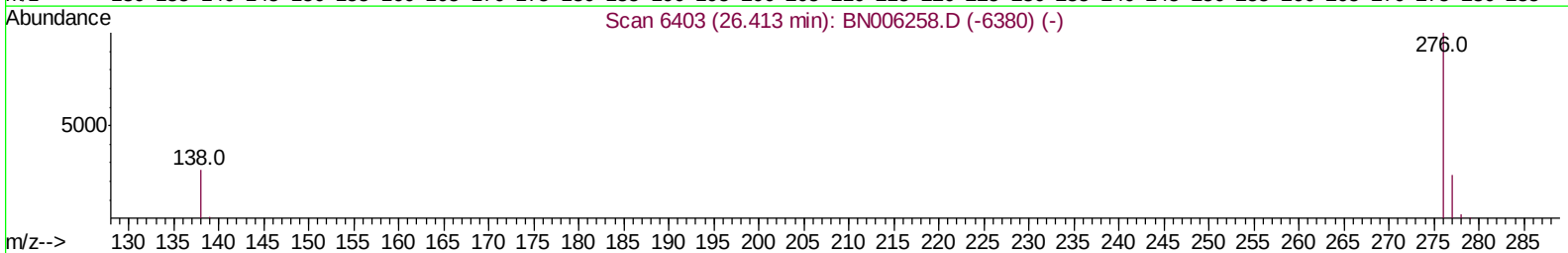
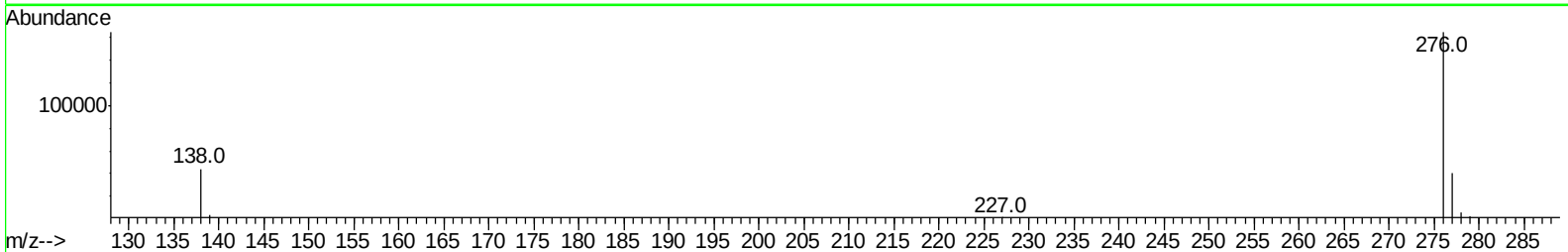
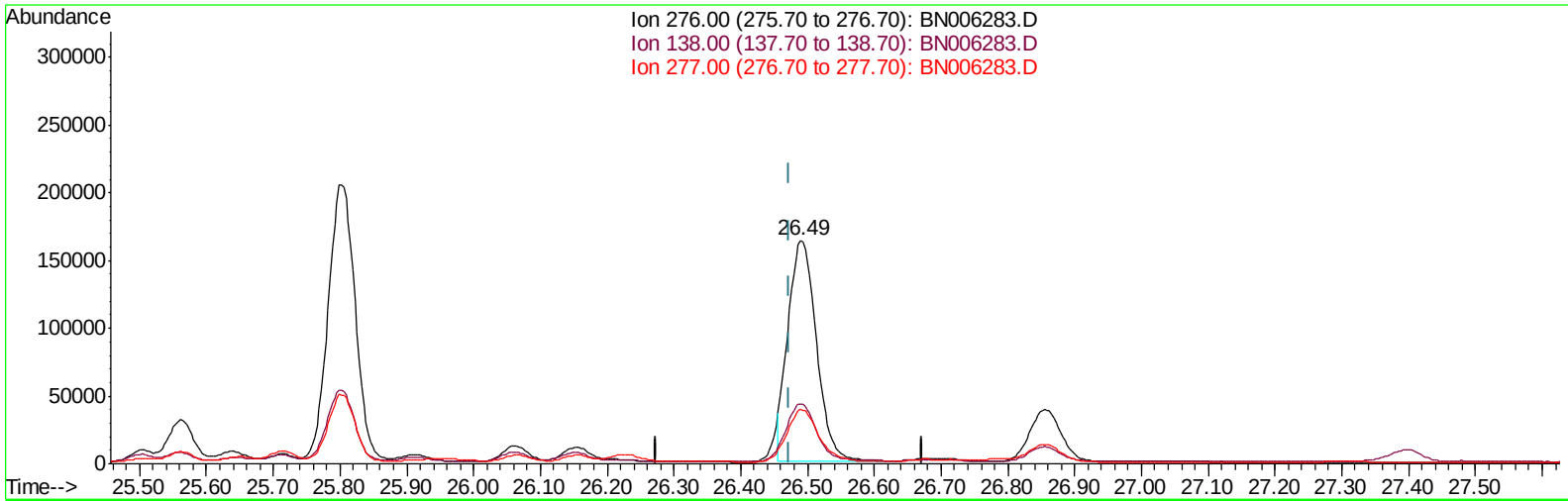
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

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

26.490min (+0.016) 9.50ng/ul

response 479573

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	26.83
277.00	26.90	24.35
0.00	0.00	0.00

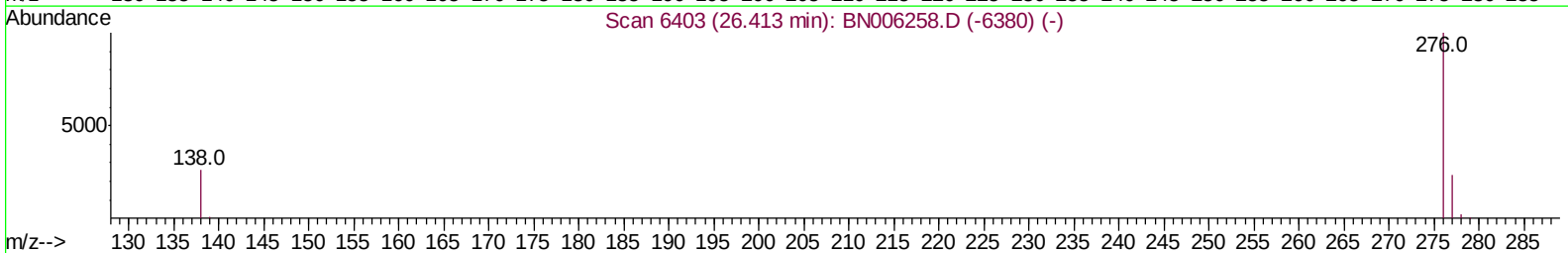
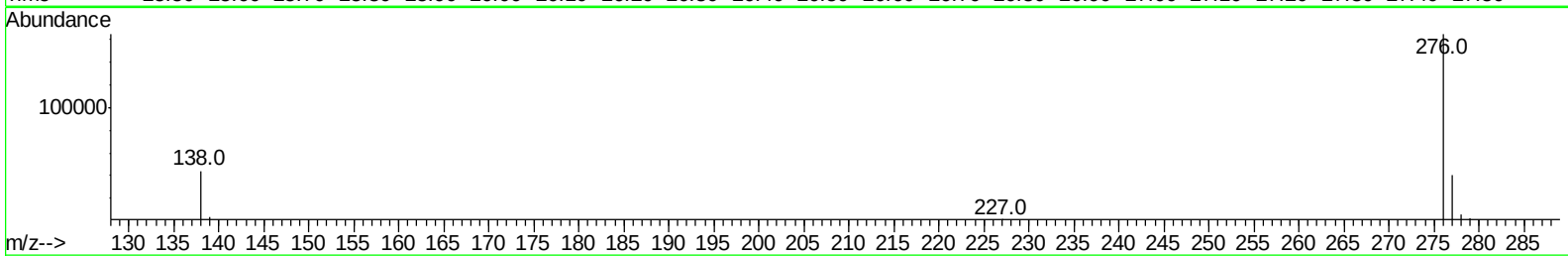
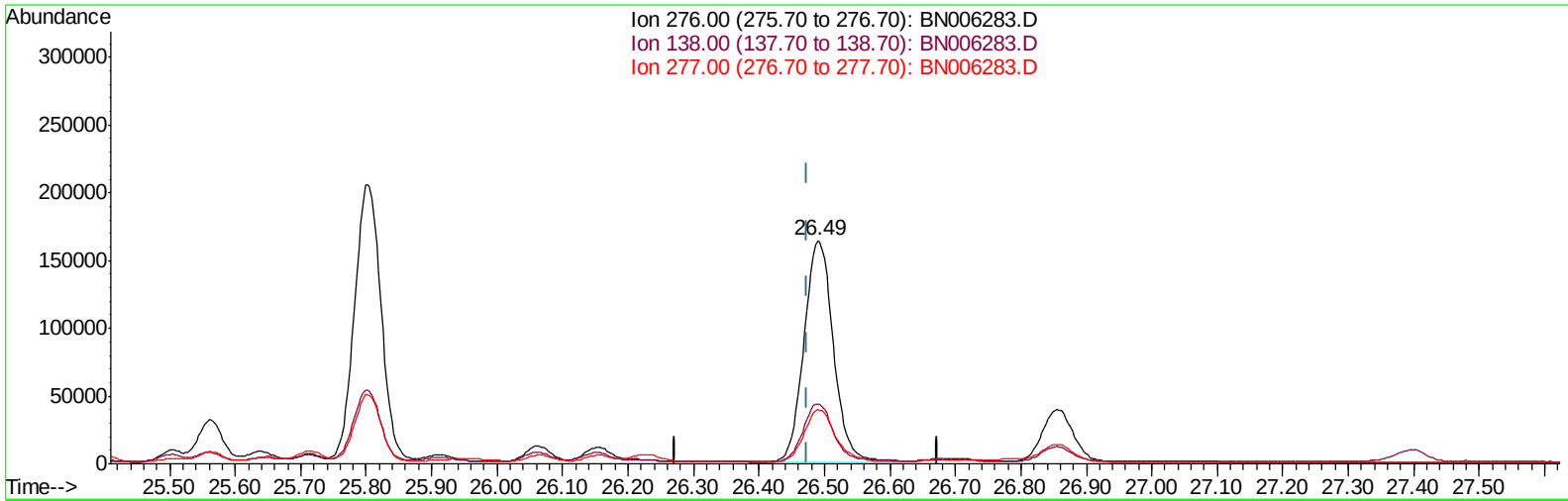
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
Data File : BN006283.D
Acq On : 12 Jun 2019 16:43
Operator : JU/SJ
Sample : K3083-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51F6

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM

Quant Time: Jun 13 01:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration



TIC: BN006283.D

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

26.490min (+0.016) 10.12ng/ul m

response 510485

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	26.83
277.00	26.90	24.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061219\
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 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F6

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5373	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	33778m	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	12368m	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	14334m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7067	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12485m	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	175356	2.999	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	62028	1.522	ng/ul	99
7) Acenaphthylene	14.01	152	10609	0.157	ng/ul#	88
8) Acenaphthene	14.36	153	266319	5.698	ng/ul	99
9) Fluorene	15.35	166	244444	4.470	ng/ul	99
11) Pentachlorophenol	16.71	266	523m	0.061	ng/ul	
12) Phenanthrene	17.09	178	2587248m	23.861	ng/ul	
13) Anthracene	17.18	178	598836m	5.783	ng/ul	
15) Fluoranthene	19.13	202	2939450m	24.551	ng/ul	
17) Pyrene	19.49	202	2317936	35.580	ng/ul	98
18) Benzo(a)anthracene	21.28	228	1130385m	20.664	ng/ul	
19) Chrysene	21.33	228	1041256	20.277	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	1202463m	20.118	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	474046m	8.143	ng/ul	
23) Benzo(a)pyrene	23.46	252	856721m	15.390	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.80	276	561178m	9.314	ng/ul	
25) Dibenzo(a,h)anthracene	25.81	278	145984m	3.031	ng/ul	
26) Benzo(g,h,i)perylene	26.49	276	510485m	10.116	ng/ul	

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

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