

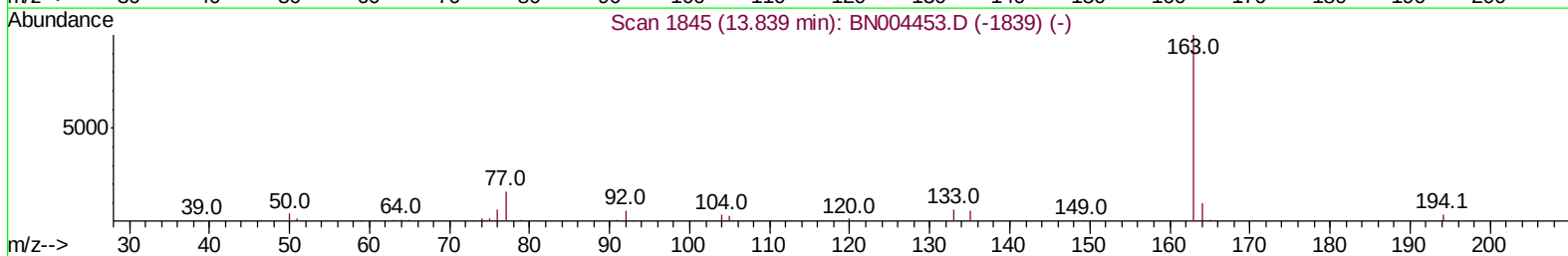
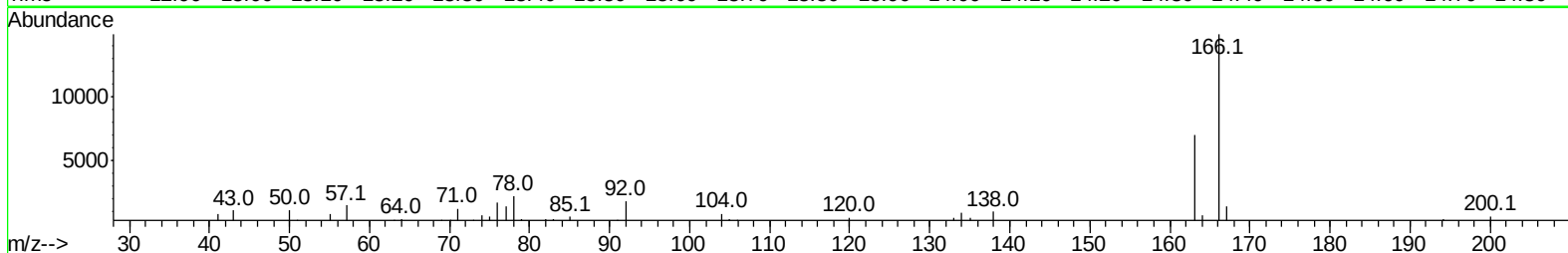
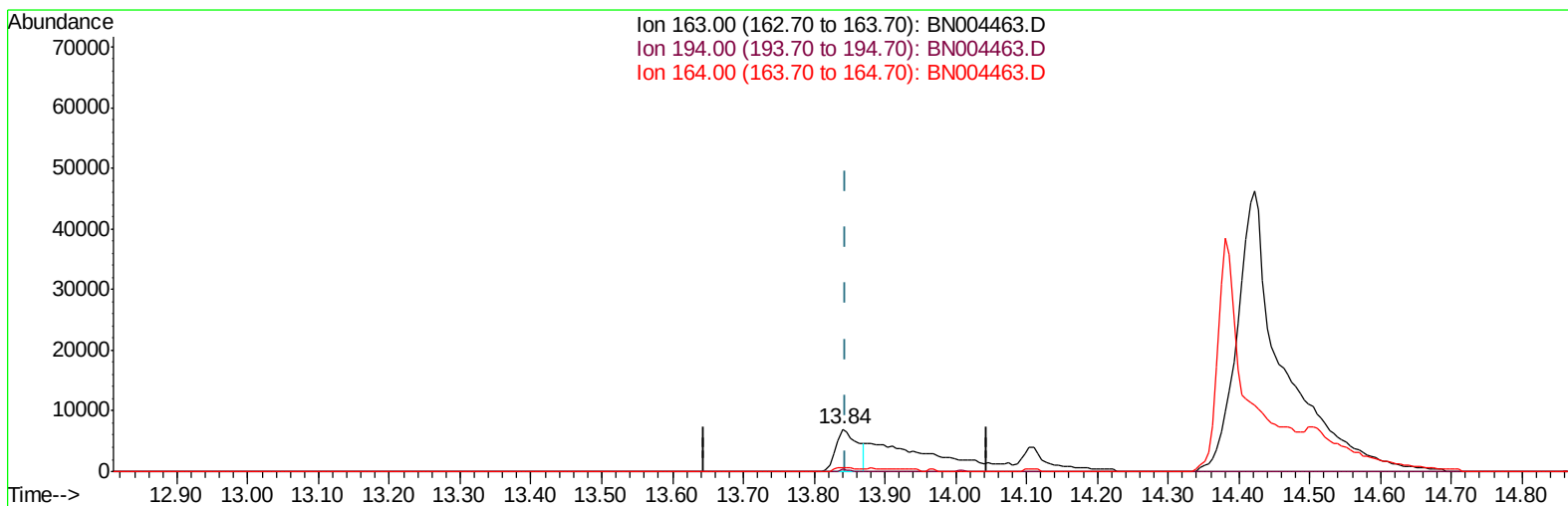
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(45) Dimethylphthalate

13.840min (-0.006) 1.80ng/ul

response 15108

Ion	Exp%	Act%
163.00	100	100
194.00	4.30	5.44#
164.00	9.90	10.36
0.00	0.00	0.00

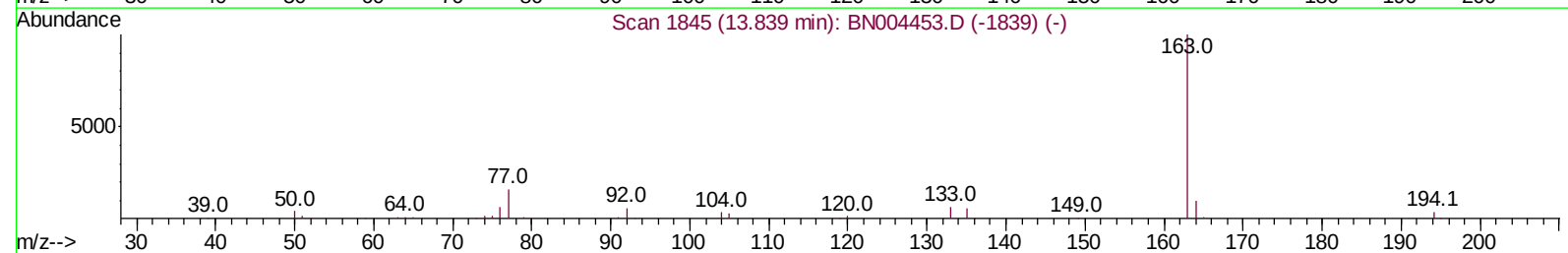
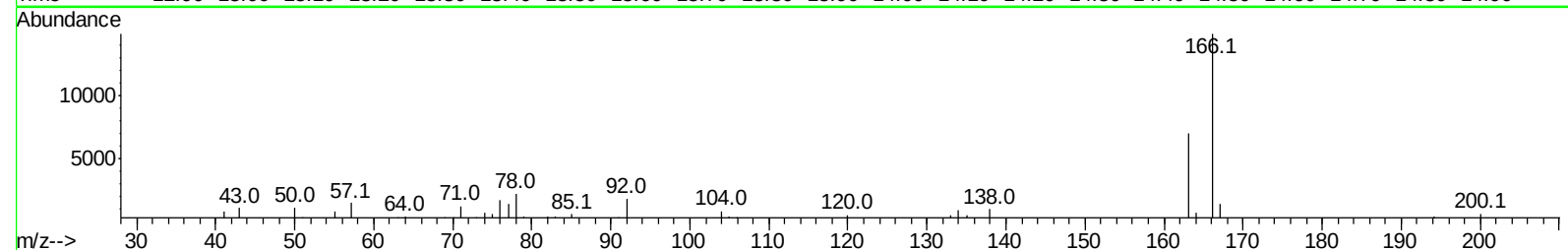
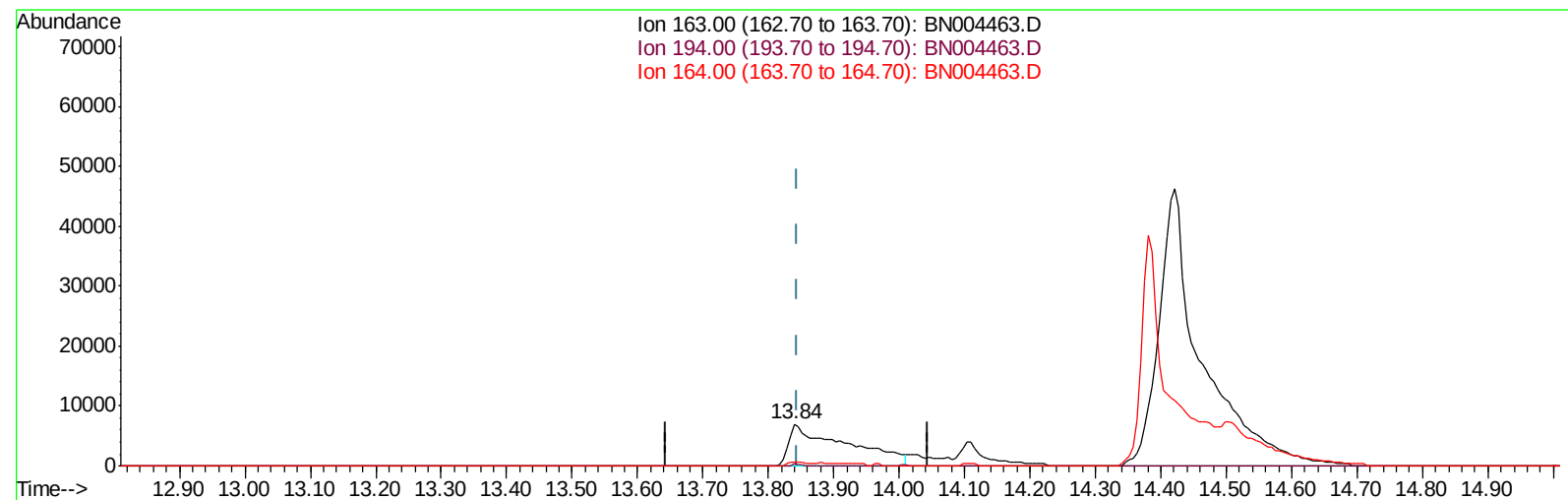
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(45) Dimethylphthalate

13.840min (-0.006) 5.09ng/ul m

response 42781

Ion	Exp%	Act%
163.00	100	100
194.00	4.30	5.44#
164.00	9.90	10.36
0.00	0.00	0.00

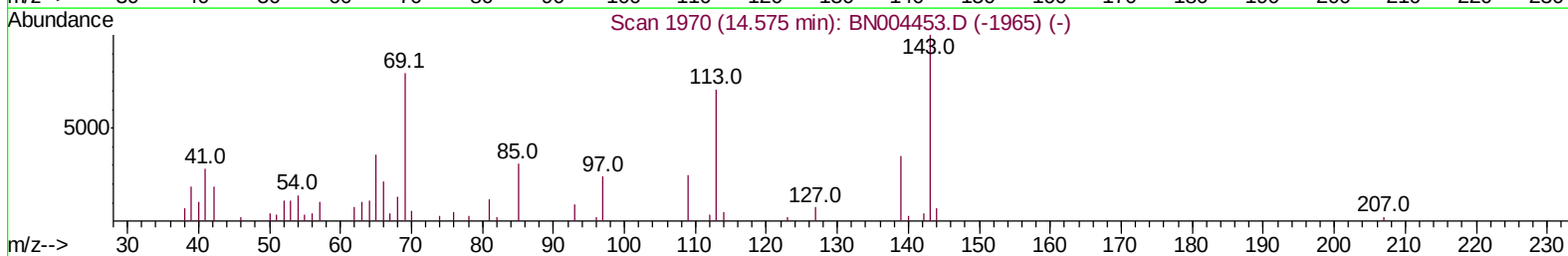
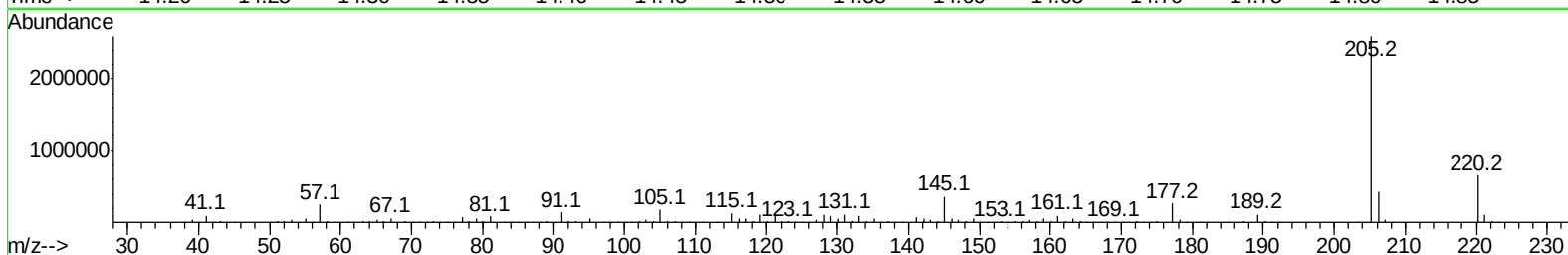
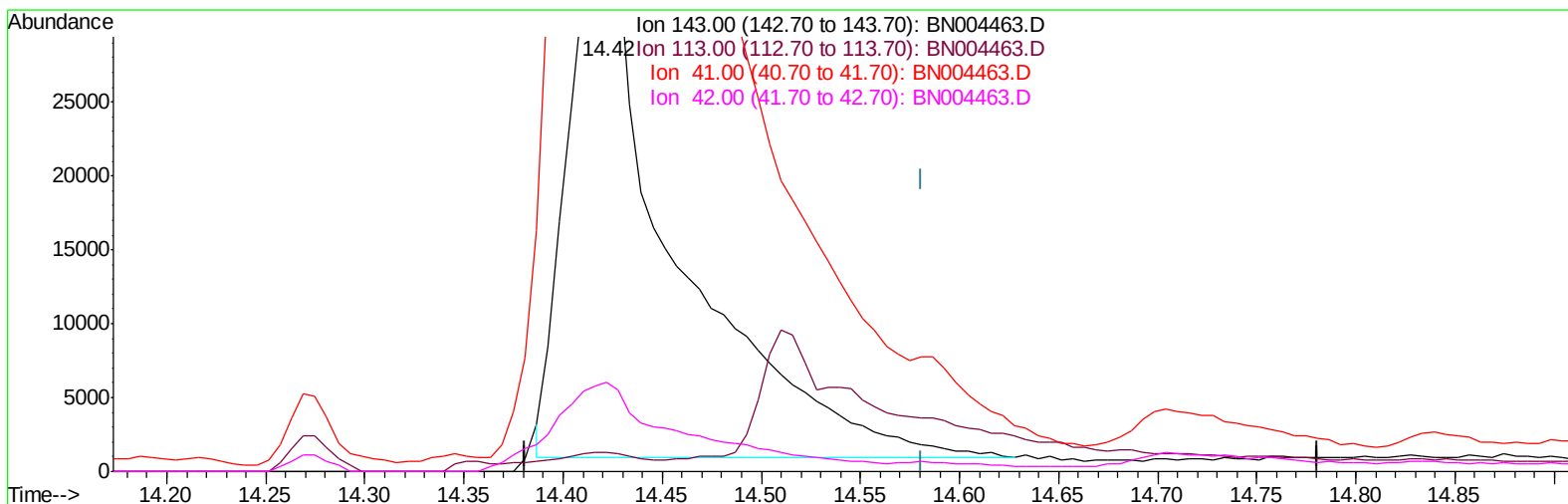
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(52) 4-Nitrophenol-d4 (S)

14.422min (-0.159) 82.83ng/ul

response 134767

Ion	Exp%	Act%
143.00	100	100
113.00	69.80	3.40#
41.00	26.70	245.30#
42.00	17.80	15.68

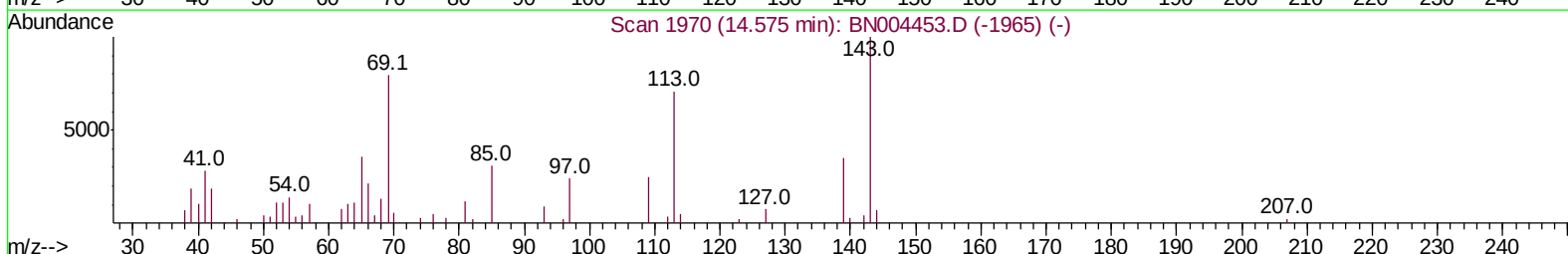
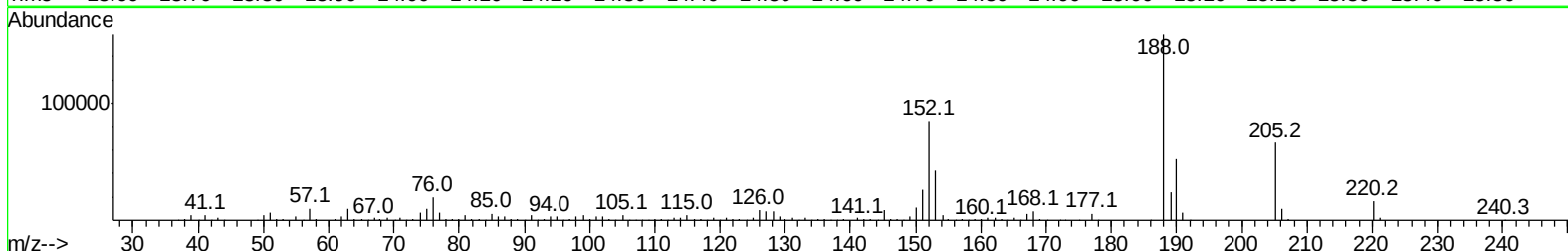
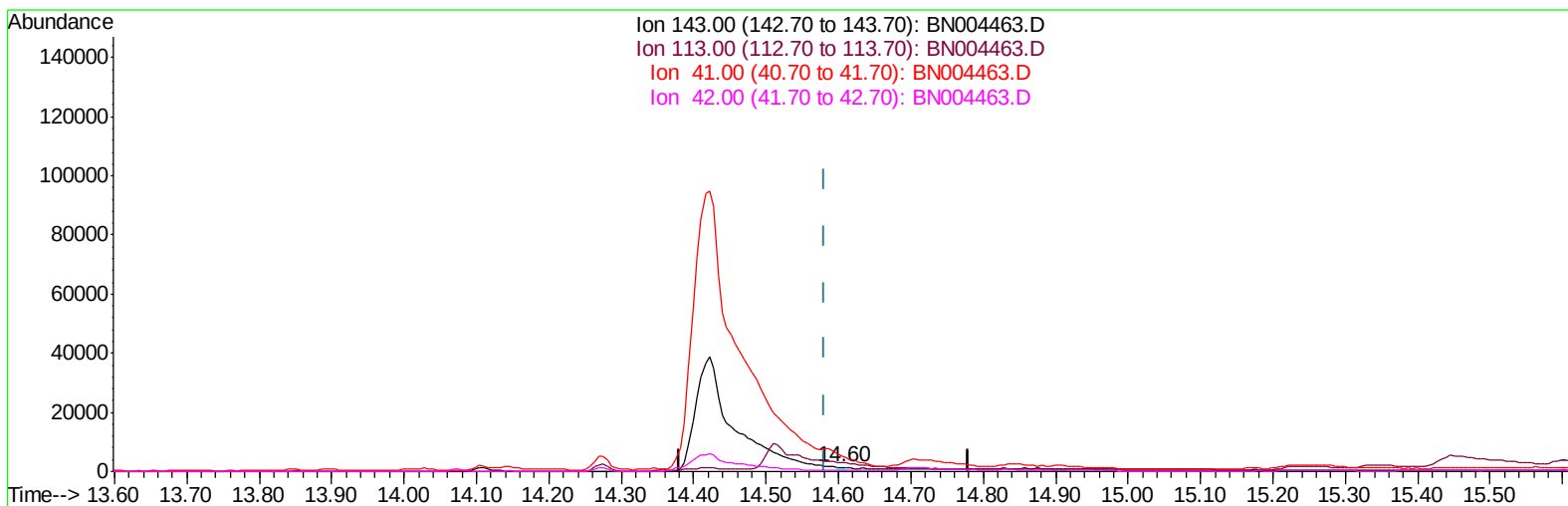
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(52) 4-Nitrophenol-d4 (S)

14.604min (+0.023) 0.10ng/ul m

response 157

Ion	Exp%	Act%
143.00	100	100
113.00	69.80	210.93#
41.00	26.70	380.25#
42.00	17.80	40.45#

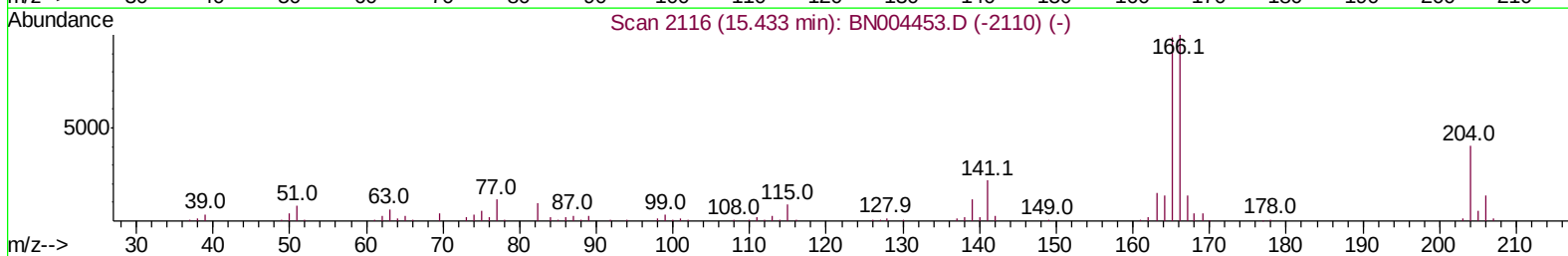
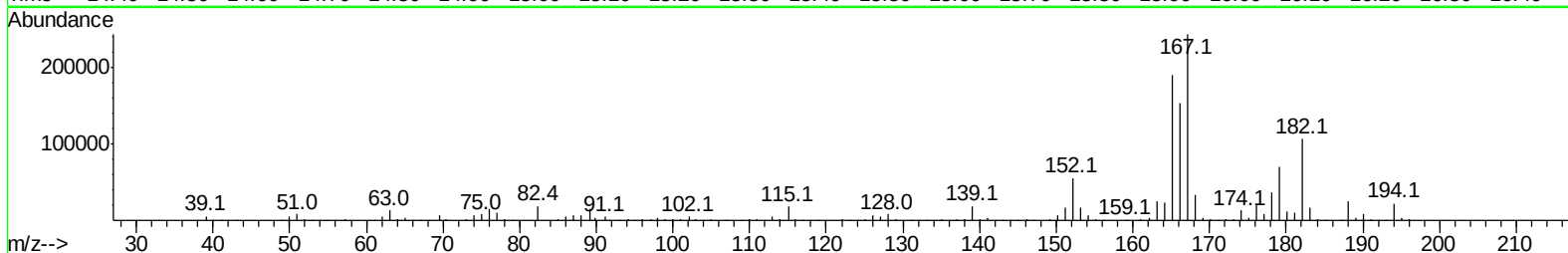
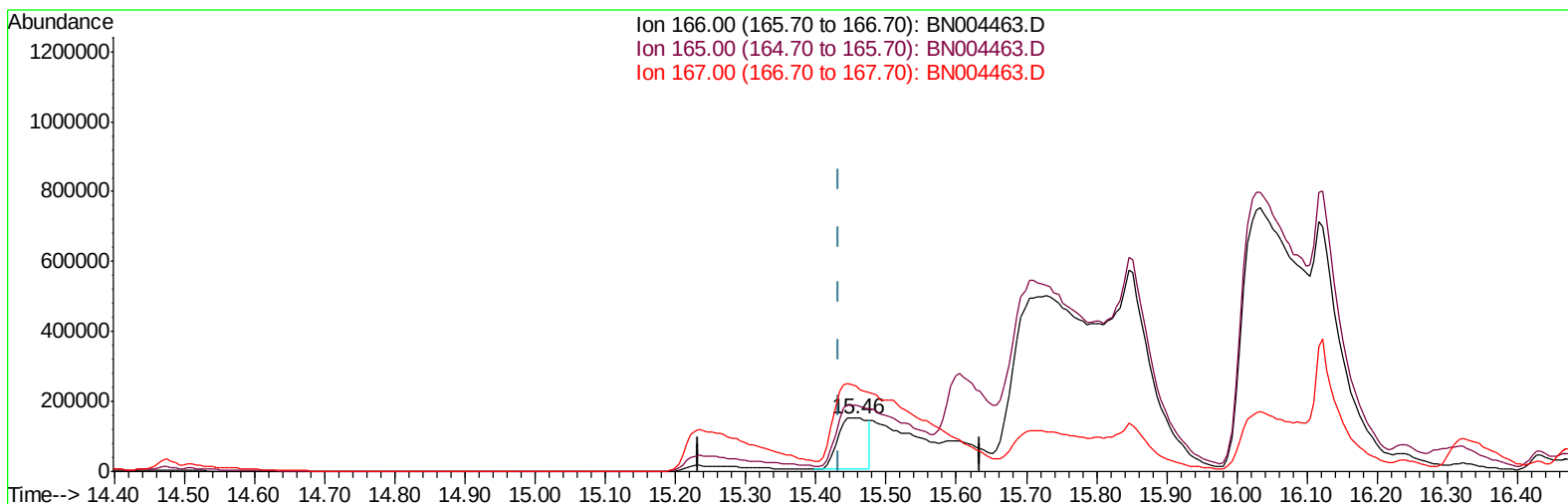
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(59) Fluorene

15.457min (+0.023) 53.51ng/ul

response 431958

Ion	Exp%	Act%
166.00	100	100
165.00	97.50	124.34#
167.00	13.50	159.01#
0.00	0.00	0.00

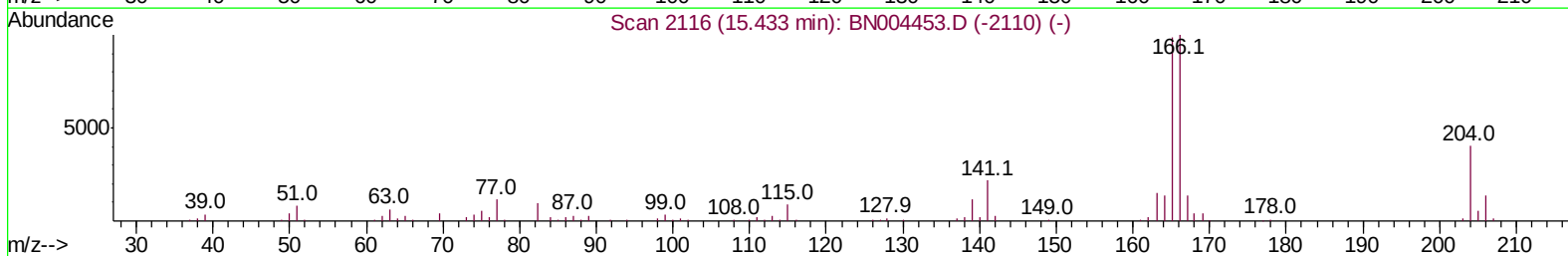
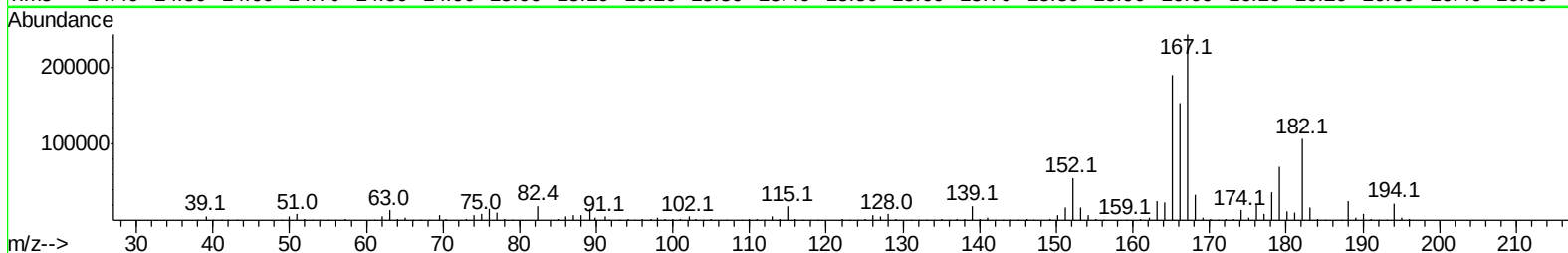
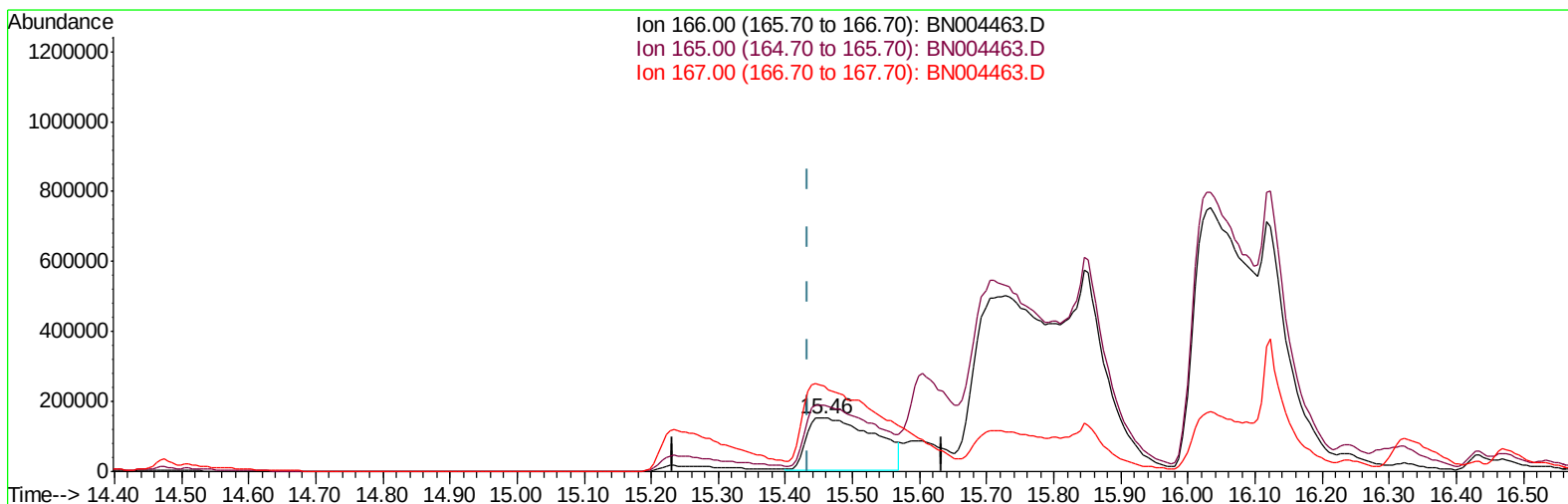
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(59) Fluorene

15.457min (+0.023) 129.34ng/ul m

response 1044138

Ion	Exp%	Act%
166.00	100	100
165.00	97.50	124.34#
167.00	13.50	159.01#
0.00	0.00	0.00

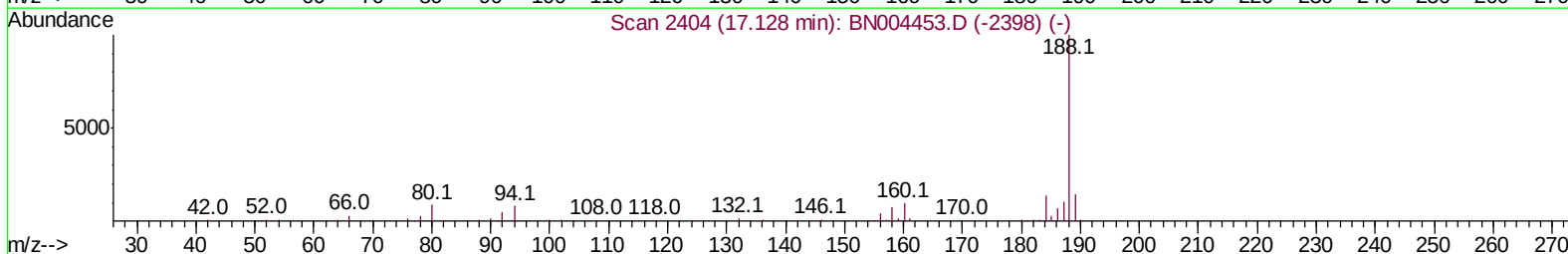
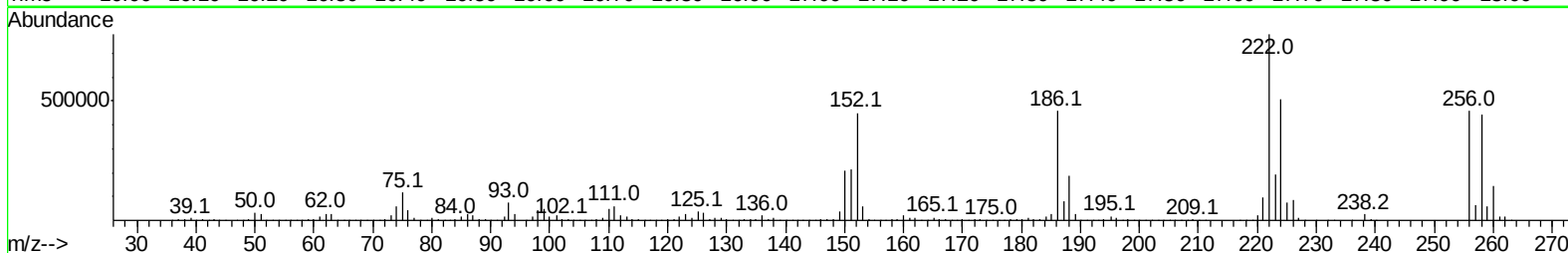
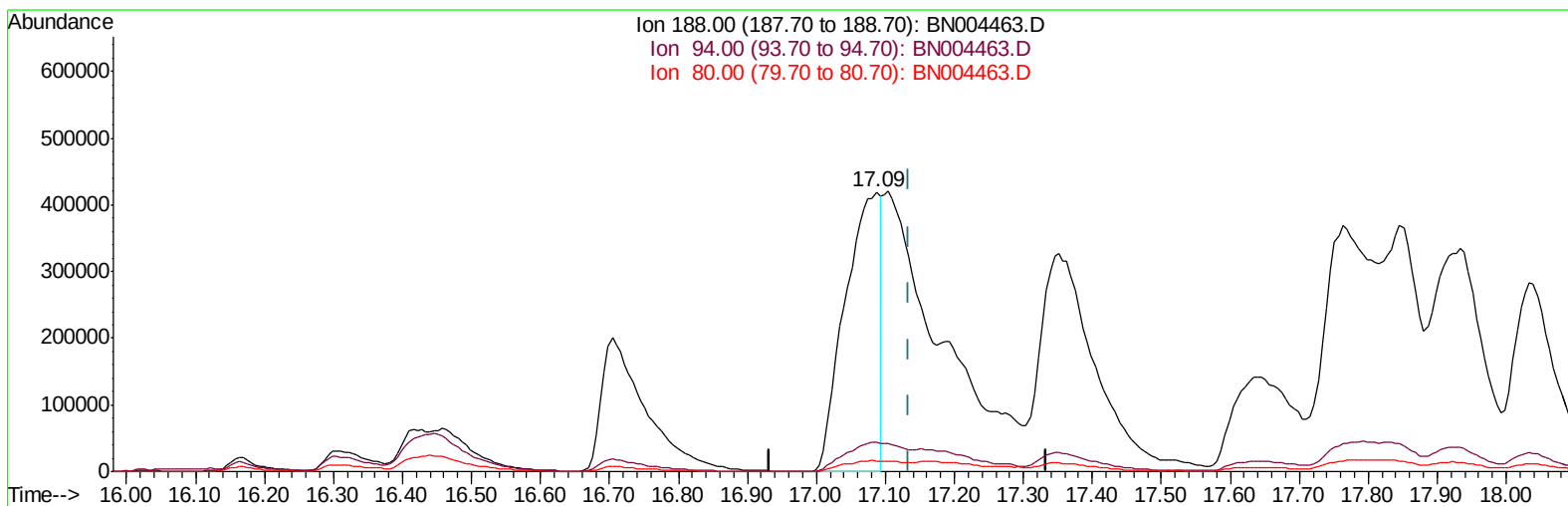
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(62) Phenanthrene-d10 (I)

17.086min (-0.047) 20.00ng/ul

response 1488956

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	10.44
80.00	8.90	3.86#
0.00	0.00	0.00

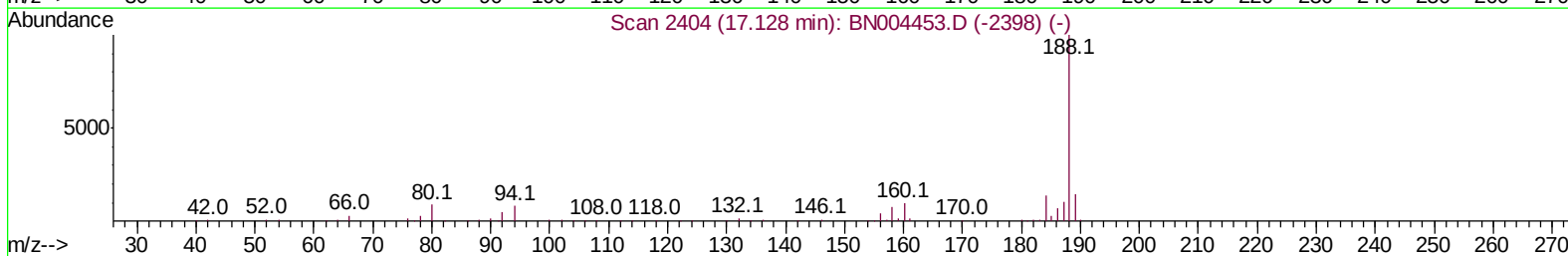
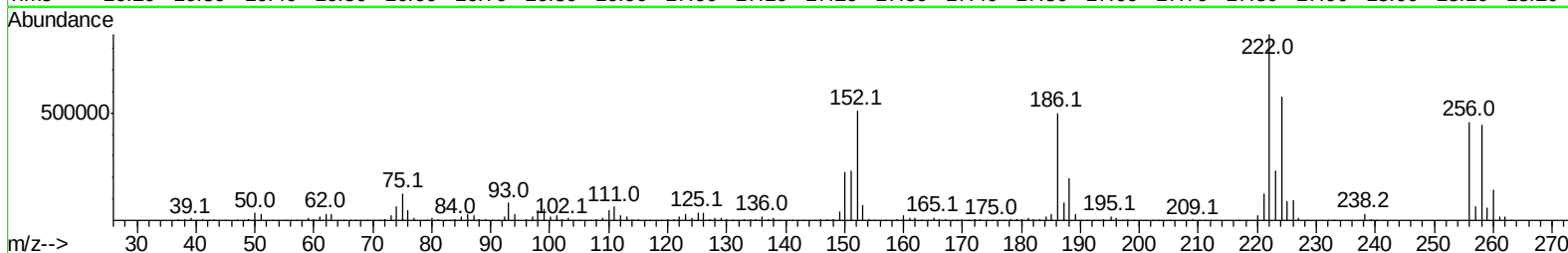
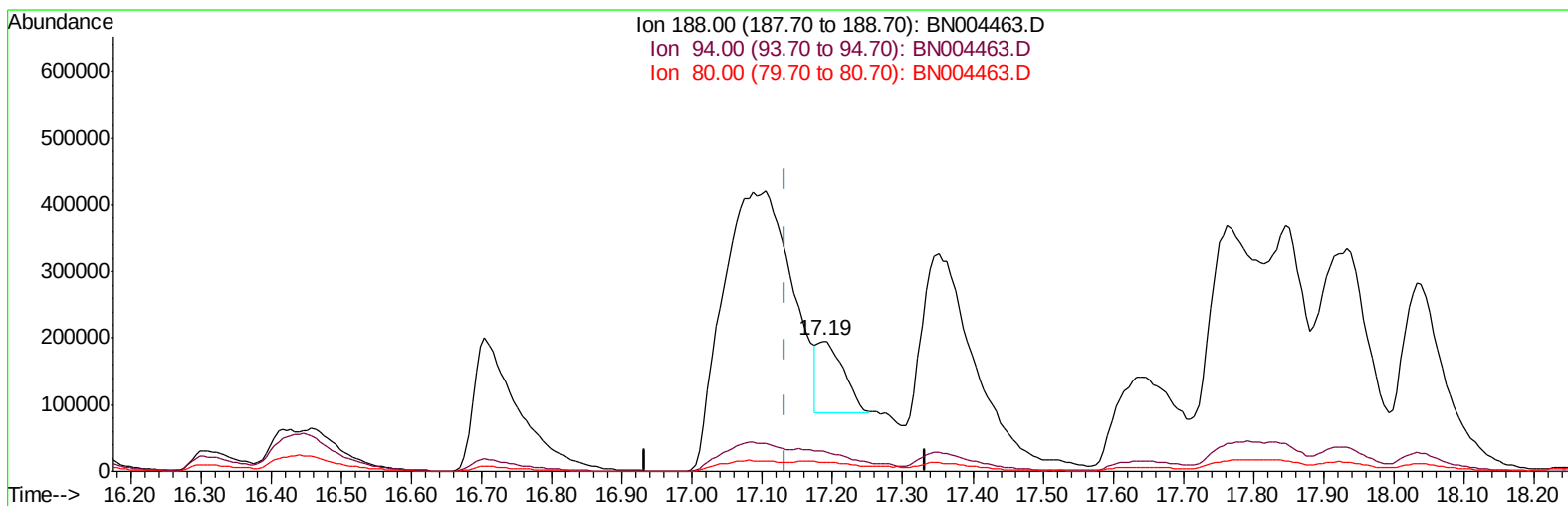
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 11:58:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(62) Phenanthrene-d10 (I)

17.186min (+0.053) 20.00ng/ul m

response 274656

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	15.33#
80.00	8.90	7.28
0.00	0.00	0.00

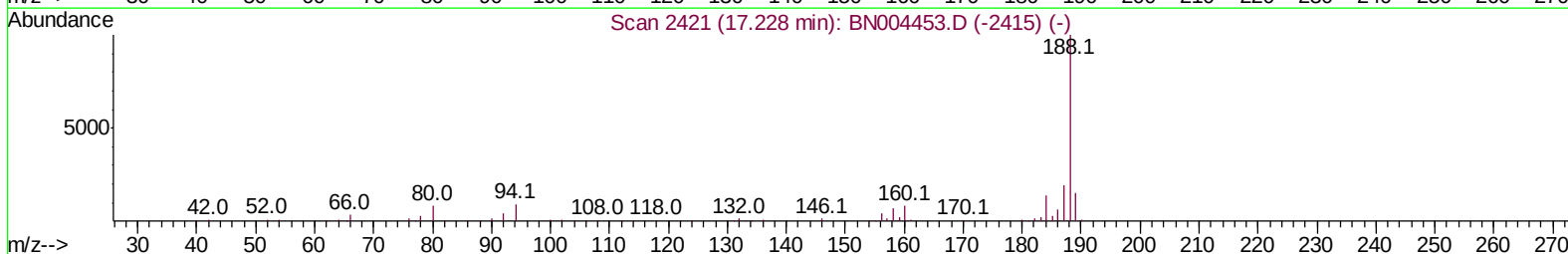
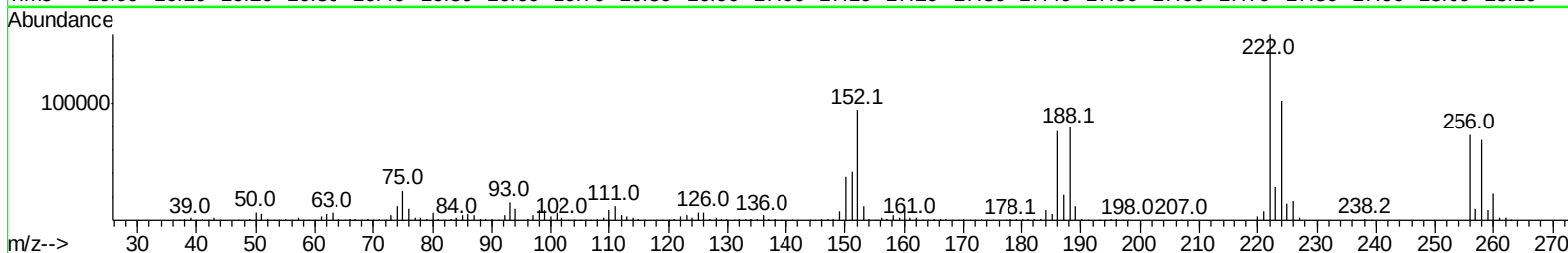
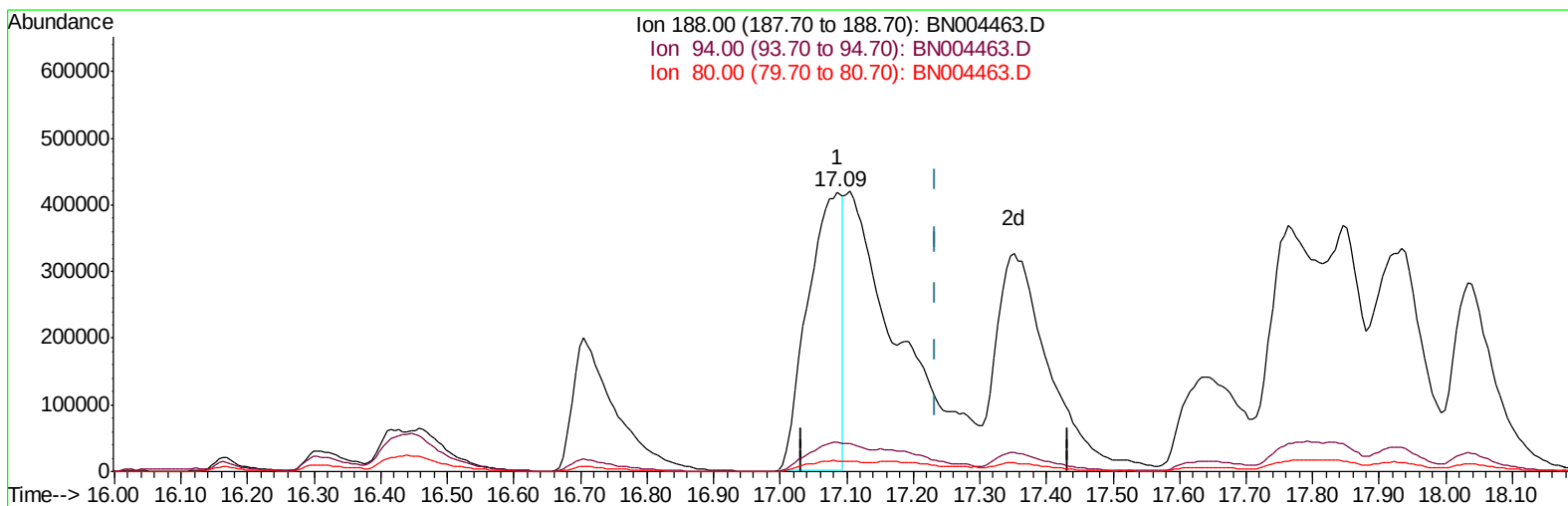
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:42:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(71) Anthracene-d10 (S)

17.086min (-0.147) 112.00ng/ul

response 1474288

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	10.44
80.00	8.30	3.86#
0.00	0.00	0.00

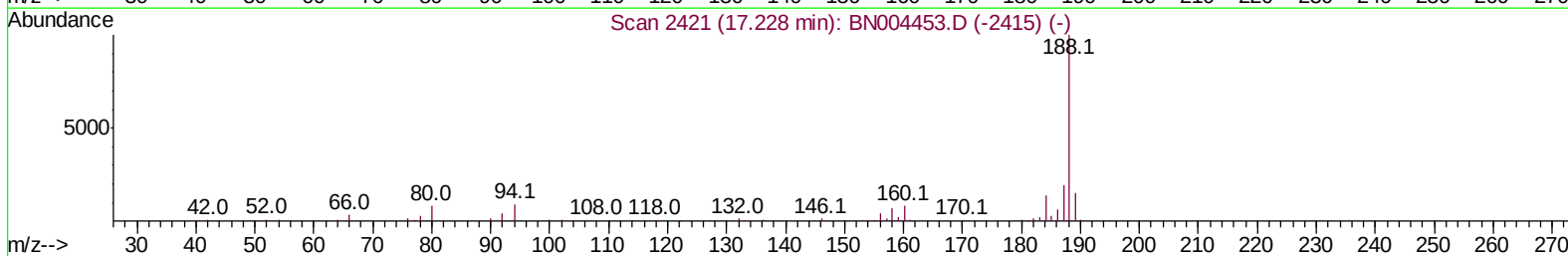
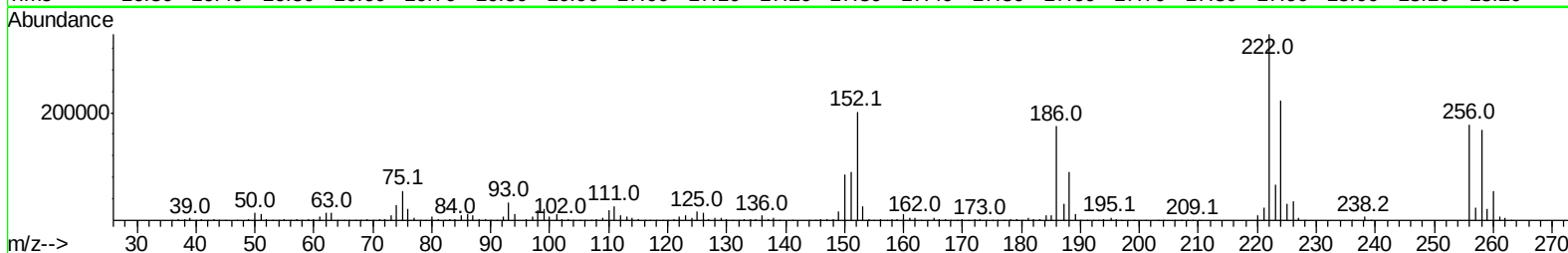
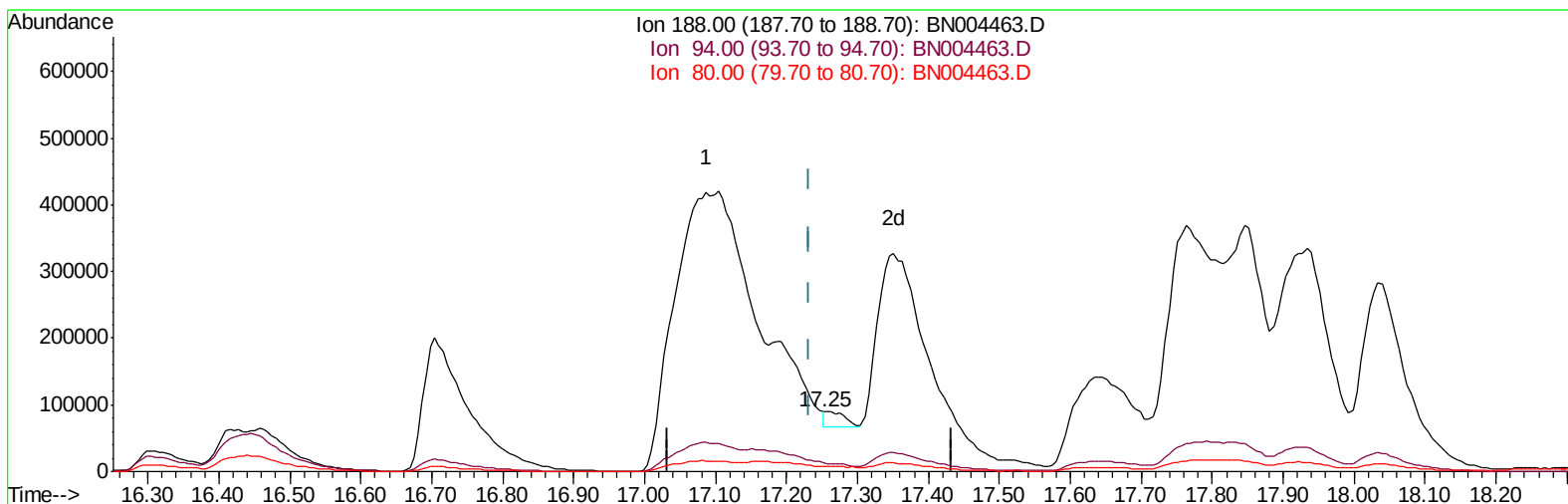
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:42:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(71) Anthracene-d10 (S)

17.251min (+0.018) 3.44ng/ul m

response 45334

Ion	Exp%	Act%
188.00	100	100
94.00	9.60	14.51#
80.00	8.30	8.61
0.00	0.00	0.00

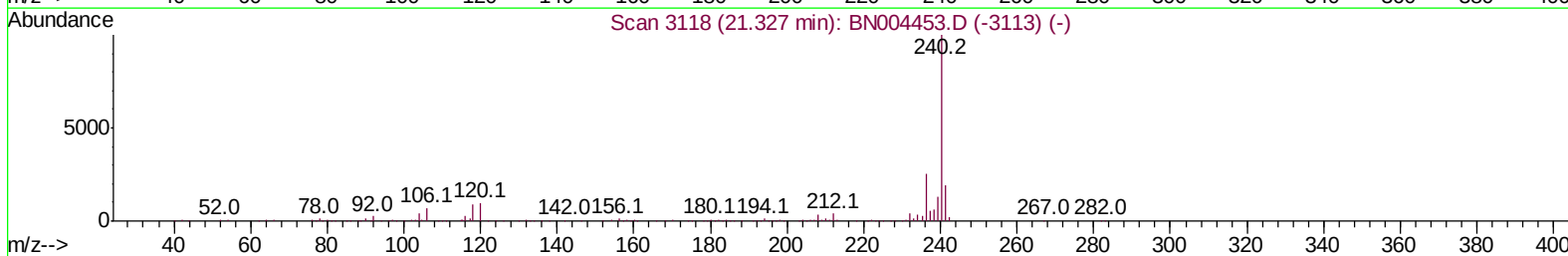
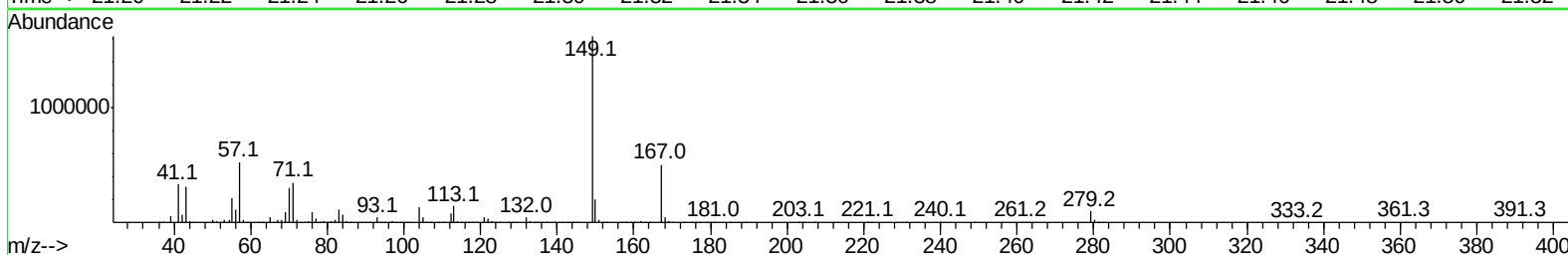
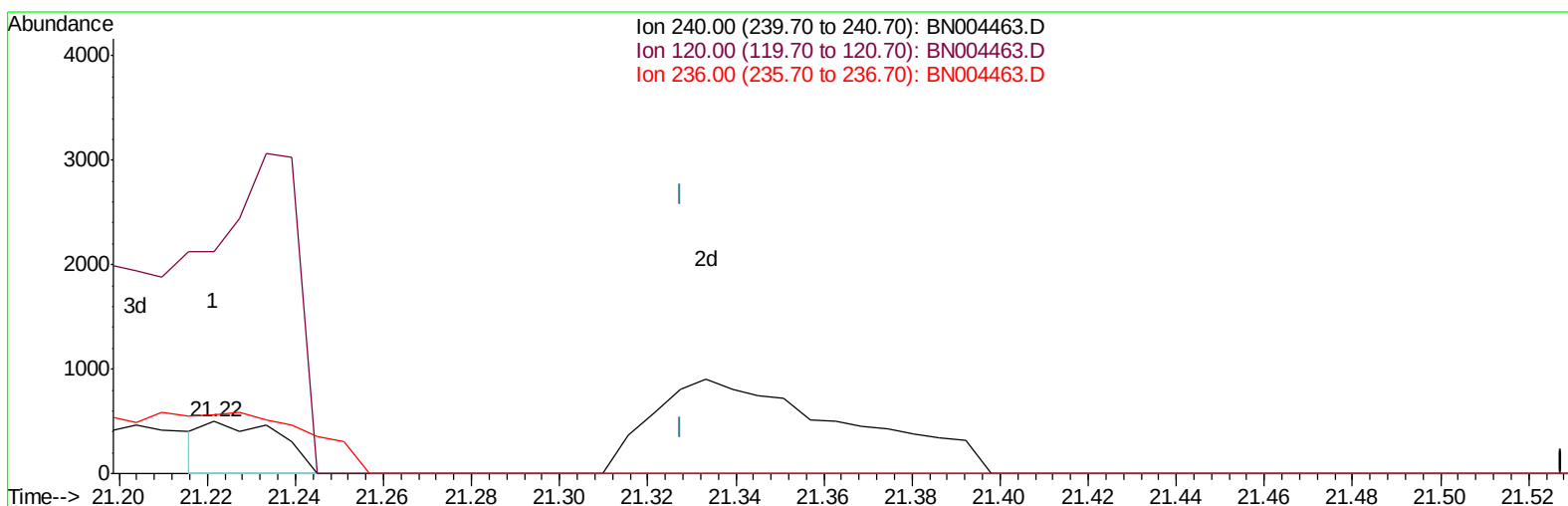
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 12:42:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(78) Chrysene-d12 (I)

21.222min (-0.106) 20.00ng/ul

response 592

Ion	Exp%	Act%
240.00	100	100
120.00	10.40	426.05#
236.00	25.90	112.22#
0.00	0.00	0.00

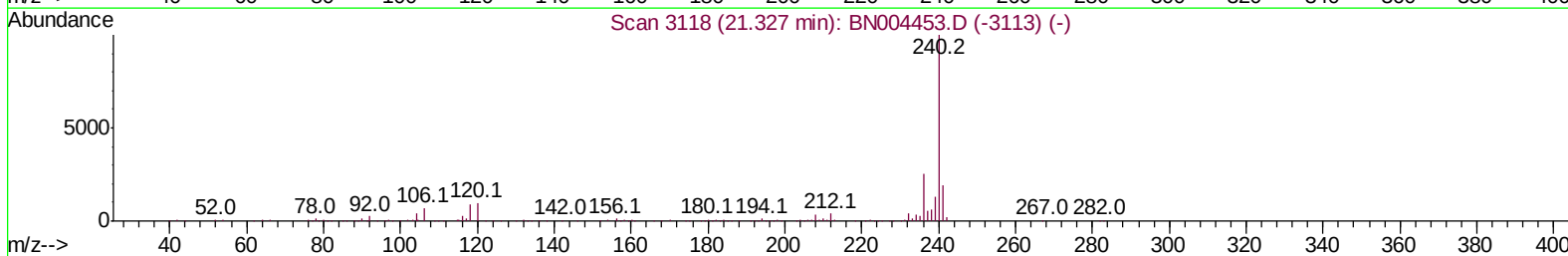
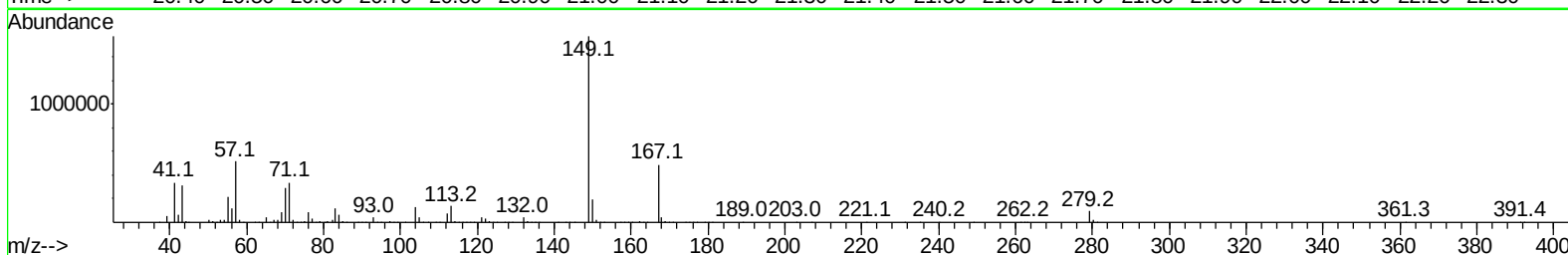
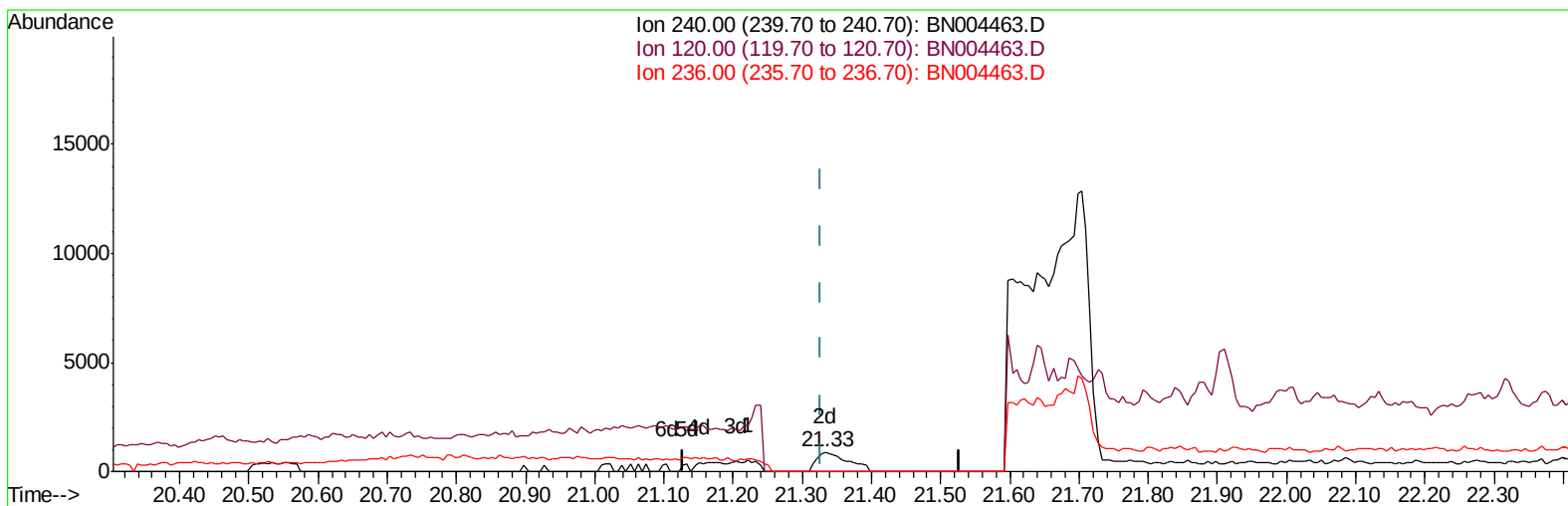
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:42:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(78) Chrysene-d12 (I)

21.333min (+0.006) 20.00ng/ul m

response 2769

Ion	Exp%	Act%
240.00	100	100
120.00	10.40	0.00#
236.00	25.90	0.00#
0.00	0.00	0.00

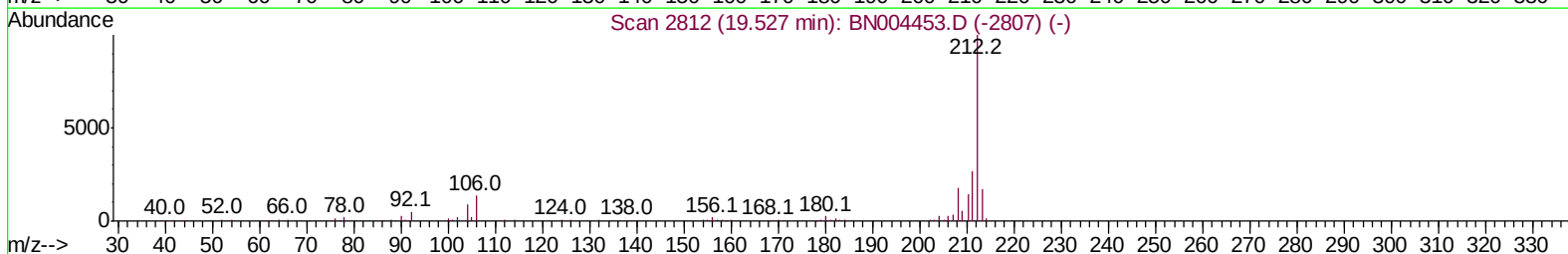
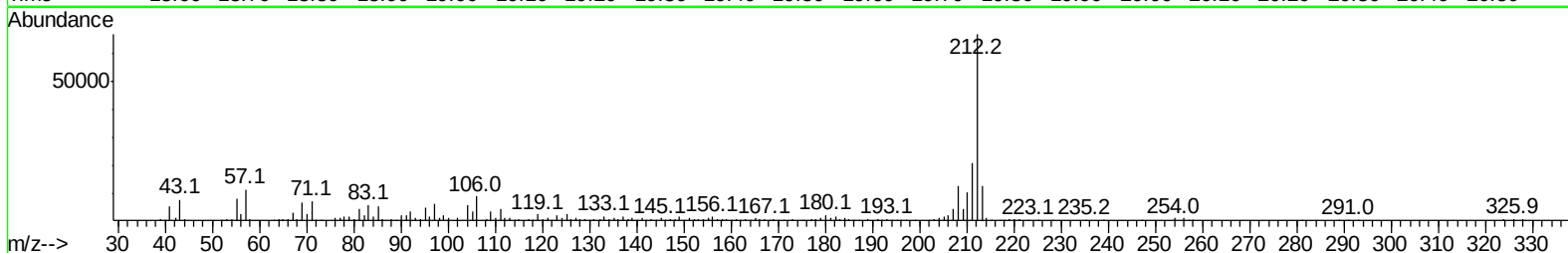
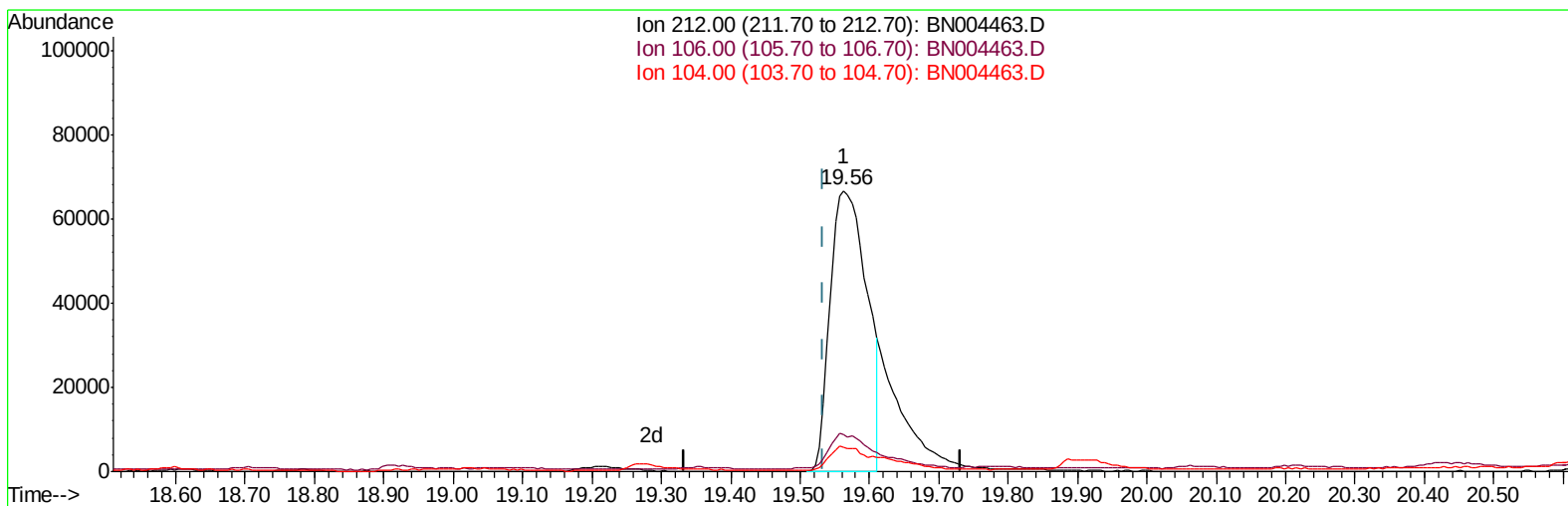
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:44:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(79) Pyrene-d10 (S)

19.563min (+0.029) 1969.69ng/ul

response 244456

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	13.19
104.00	8.70	8.67
0.00	0.00	0.00

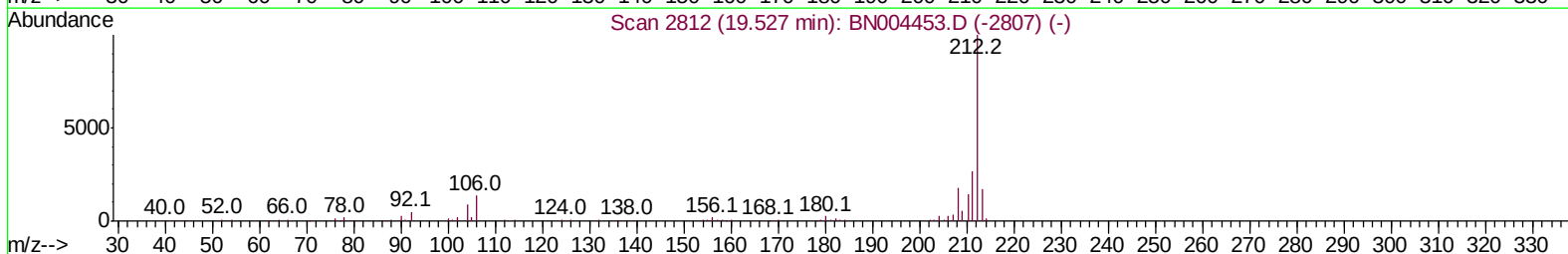
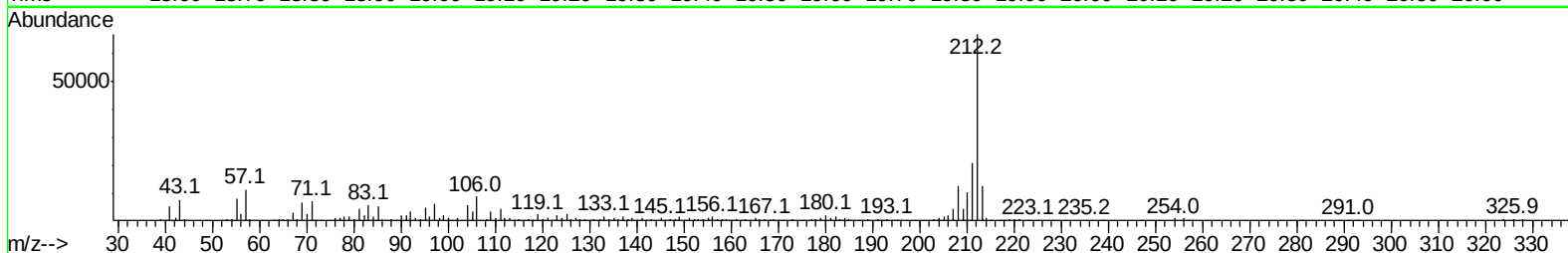
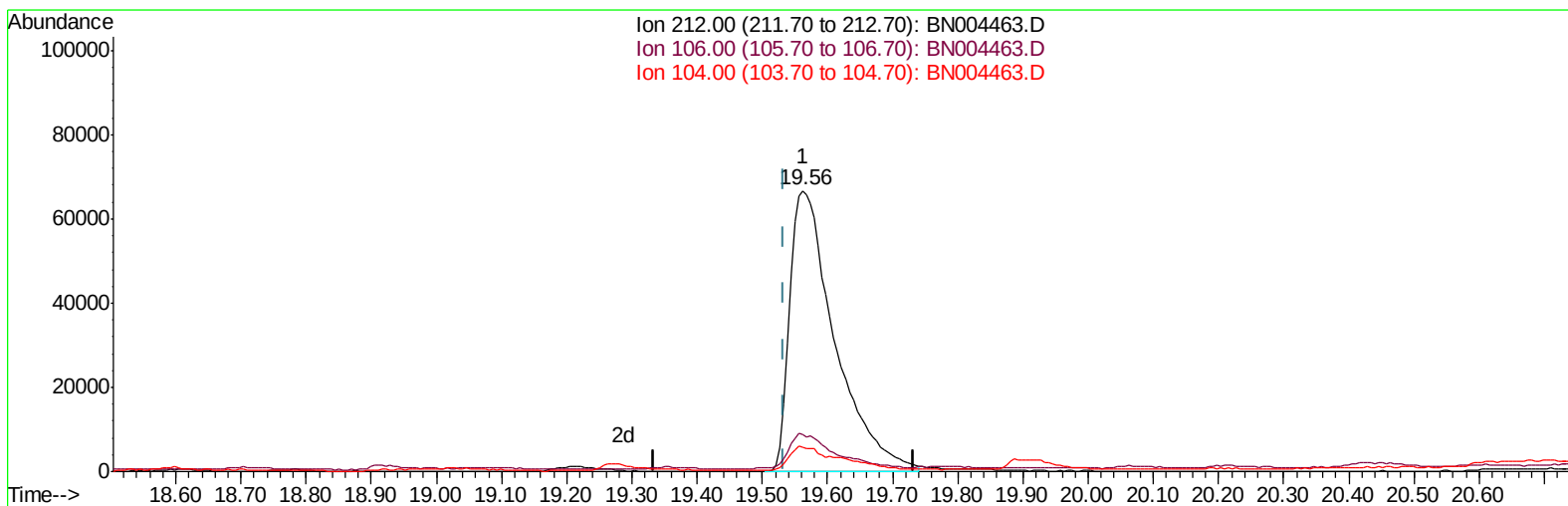
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

Quant Time: Feb 21 12:44:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration



TIC: BN004463.D

(79) Pyrene-d10 (S)

19.563min (+0.029) 2561.40ng/ul m

response 317893

Ion	Exp%	Act%
212.00	100	100
106.00	12.80	13.19
104.00	8.70	8.67
0.00	0.00	0.00

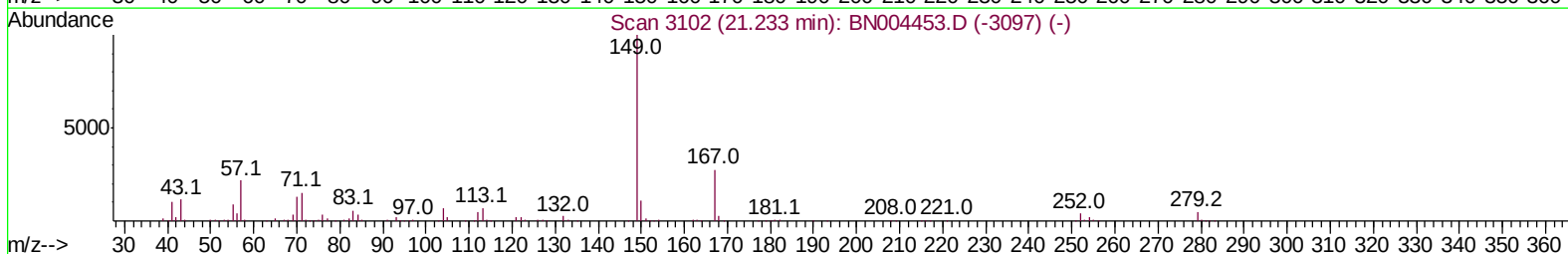
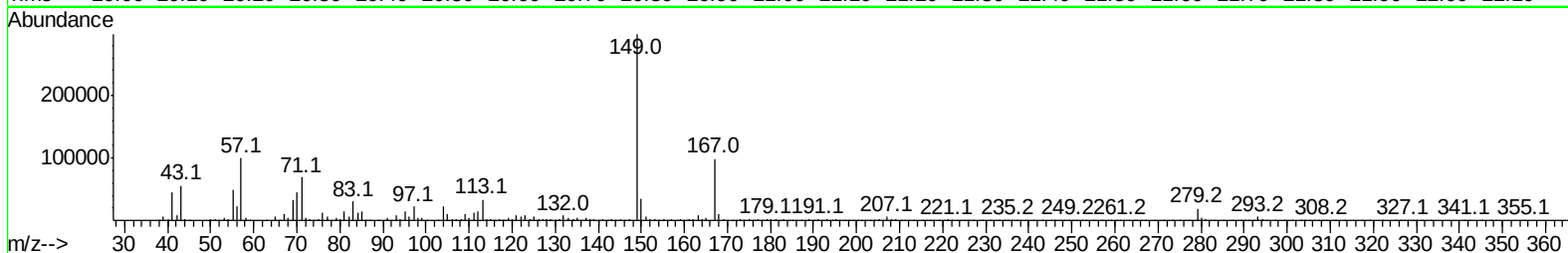
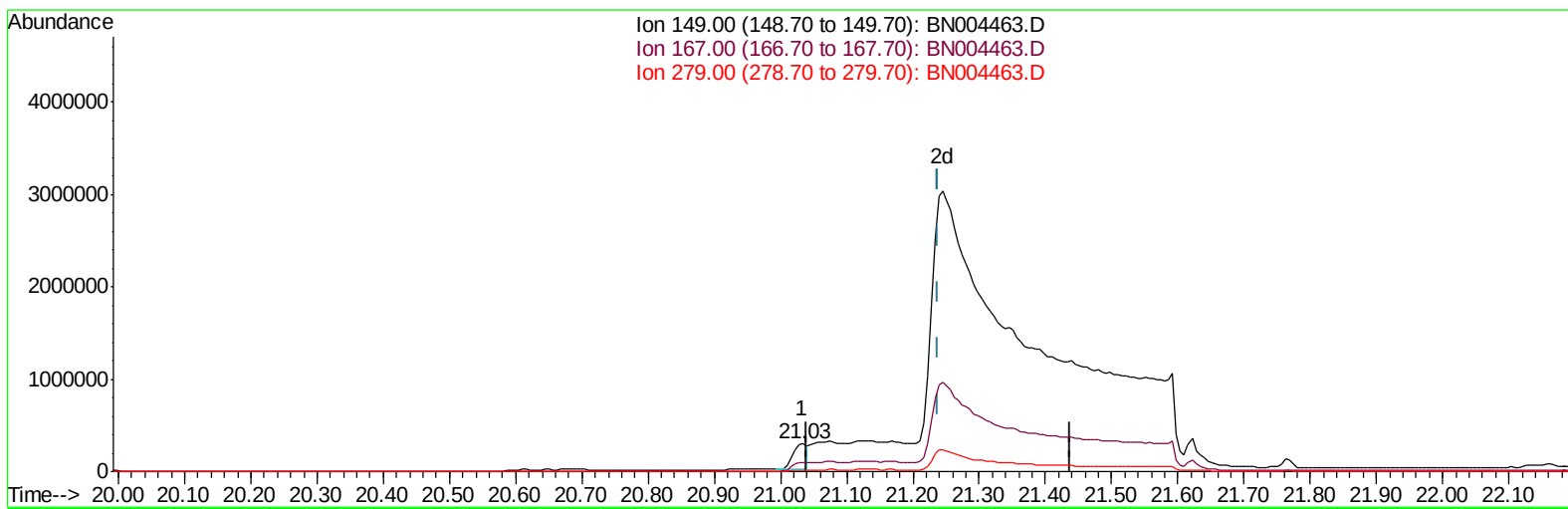
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:44:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(84) Bis(2-ethylhexyl)phthalate

21.033min (-0.206) 5349.51ng/ul

response 421911

Ion	Exp%	Act%
149.00	100	100
167.00	28.40	33.02
279.00	5.40	6.57#
0.00	0.00	0.00

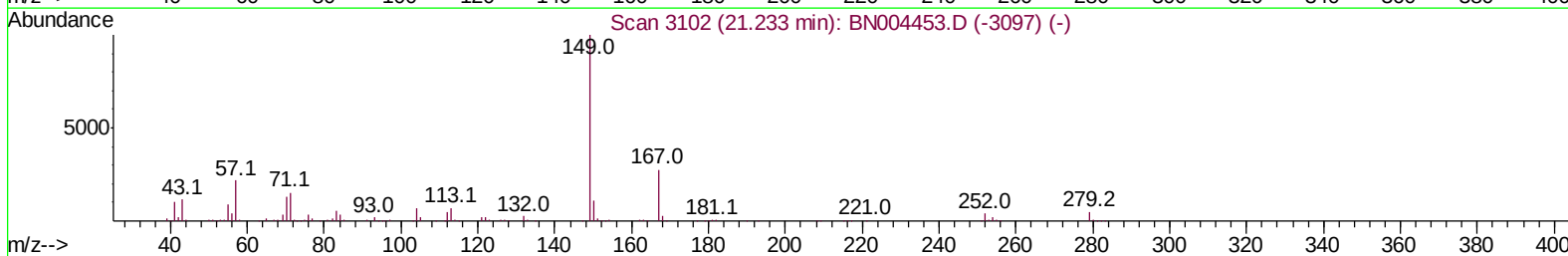
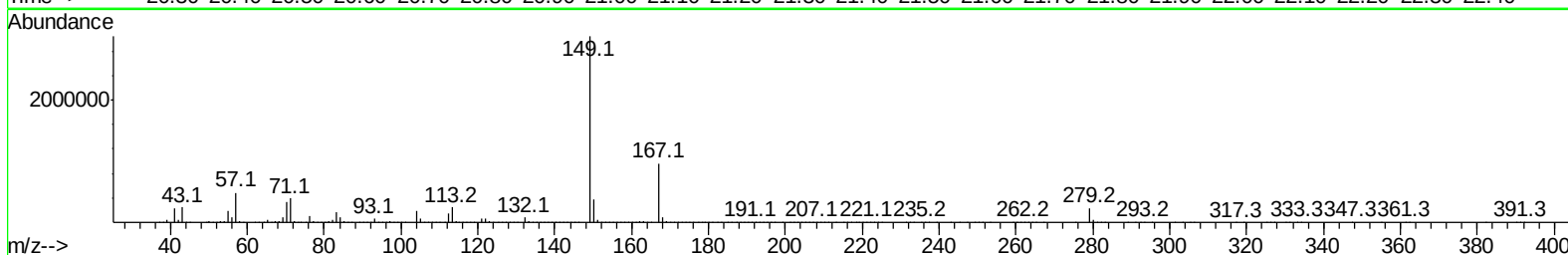
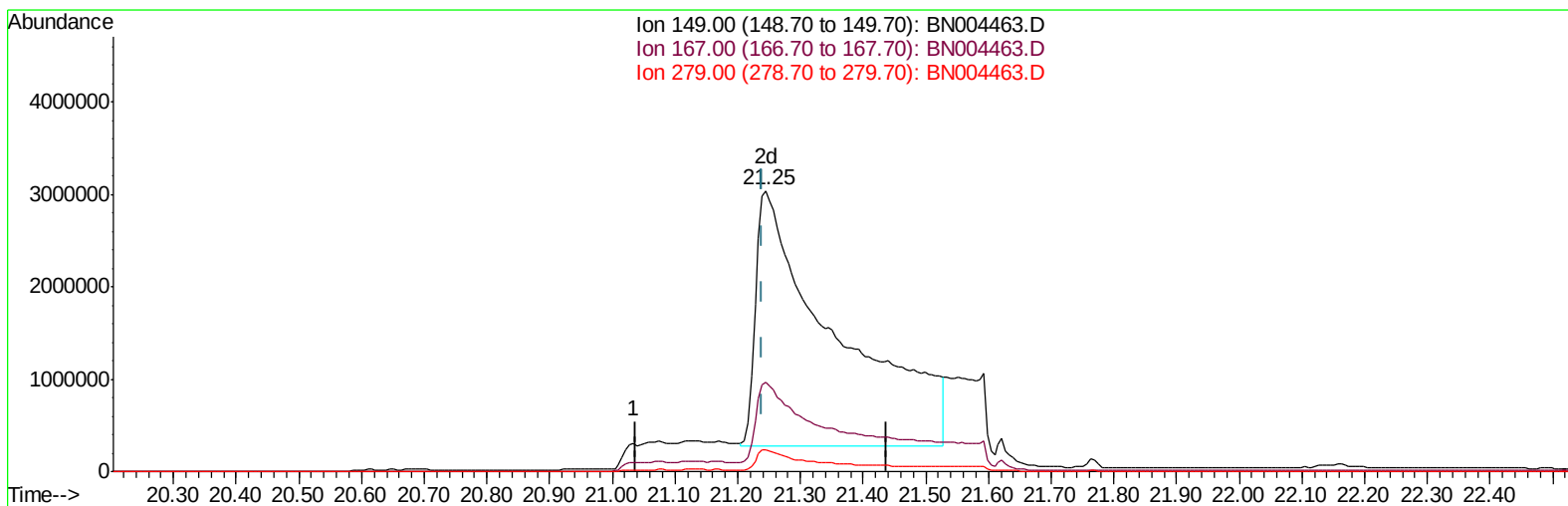
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
 Data File : BN004463.D
 Acq On : 21 Feb 2019 10:26
 Operator : JU/SJ
 Sample : J5704-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40E4

Manual Integrations
 APPROVED

Sohil
 2/22/2019 4:10:28 PM

Quant Time: Feb 21 12:44:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration



TIC: BN004463.D

(84) Bis(2-ethylhexyl)phthalate

21.245min (+0.006) 308128.82ng/ul m

response 24301838

Ion	Exp%	Act%
149.00	100	100
167.00	28.40	31.86
279.00	5.40	7.87#
0.00	0.00	0.00

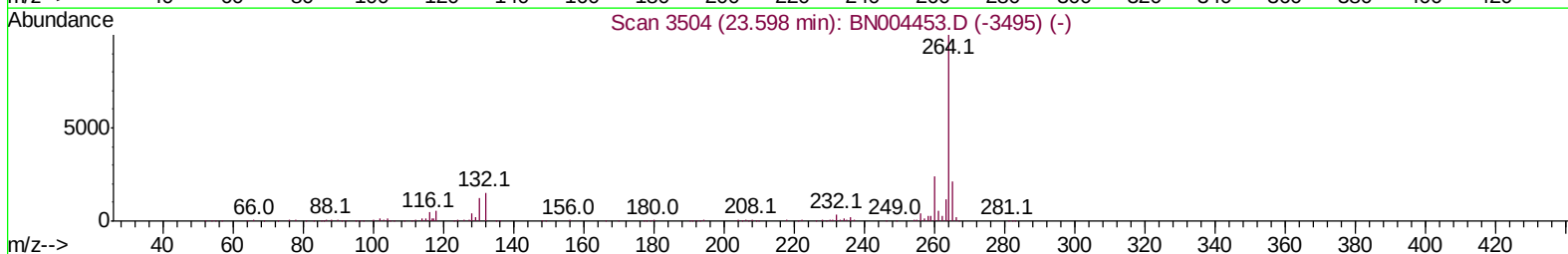
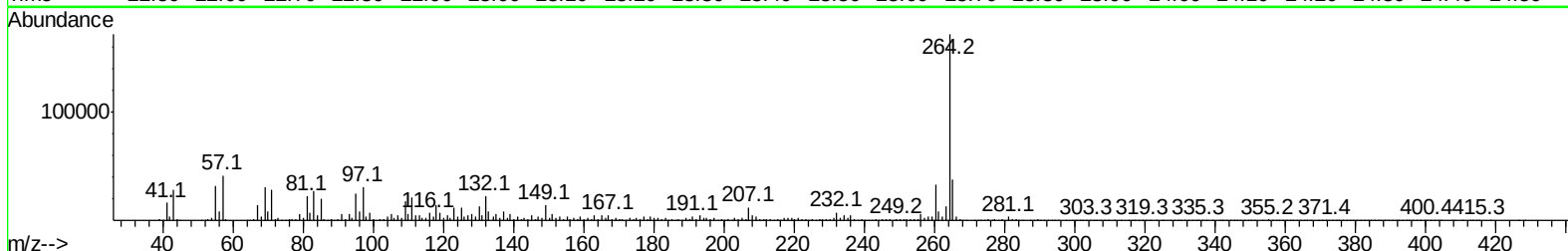
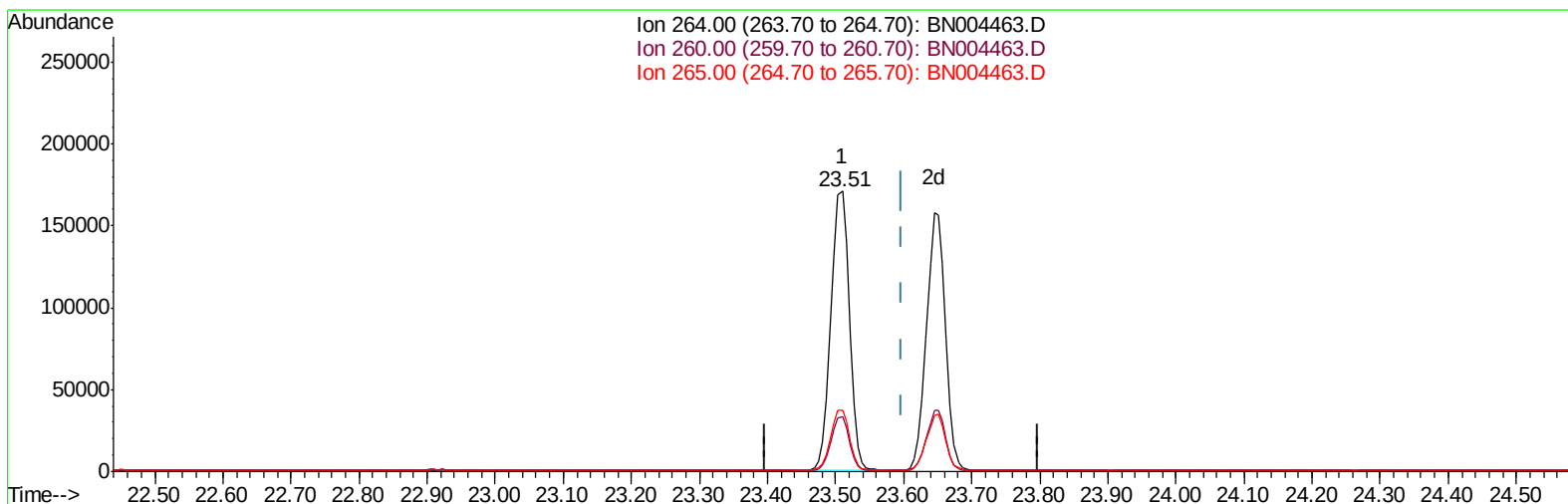
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:44:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM



TIC: BN004463.D

(86) Perylene-d12 (I)

23.510min (-0.088) 20.00ng/ul

response 319738

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	19.38
265.00	21.60	21.89
0.00	0.00	0.00

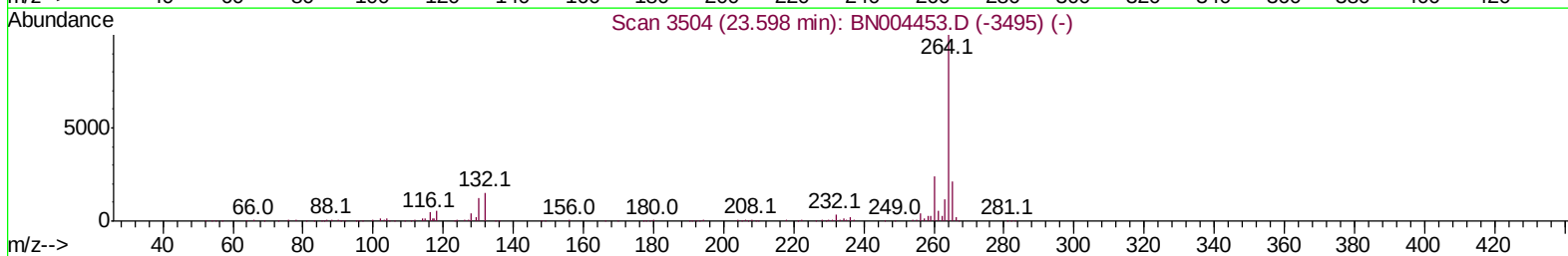
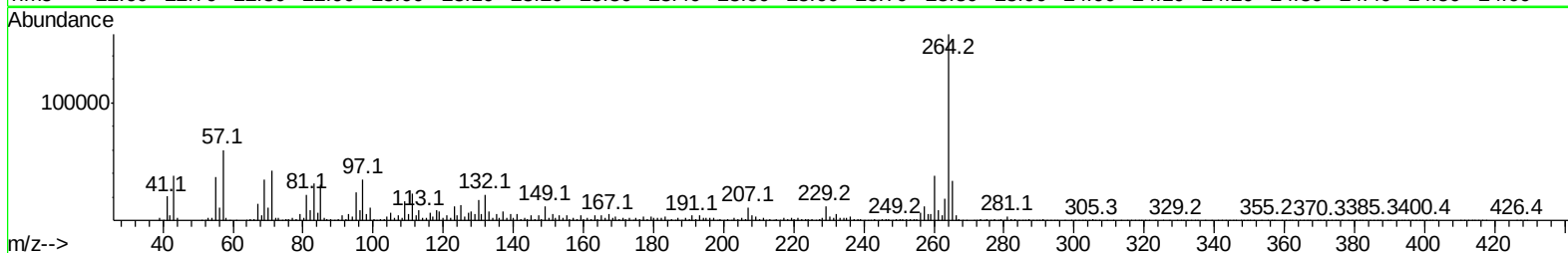
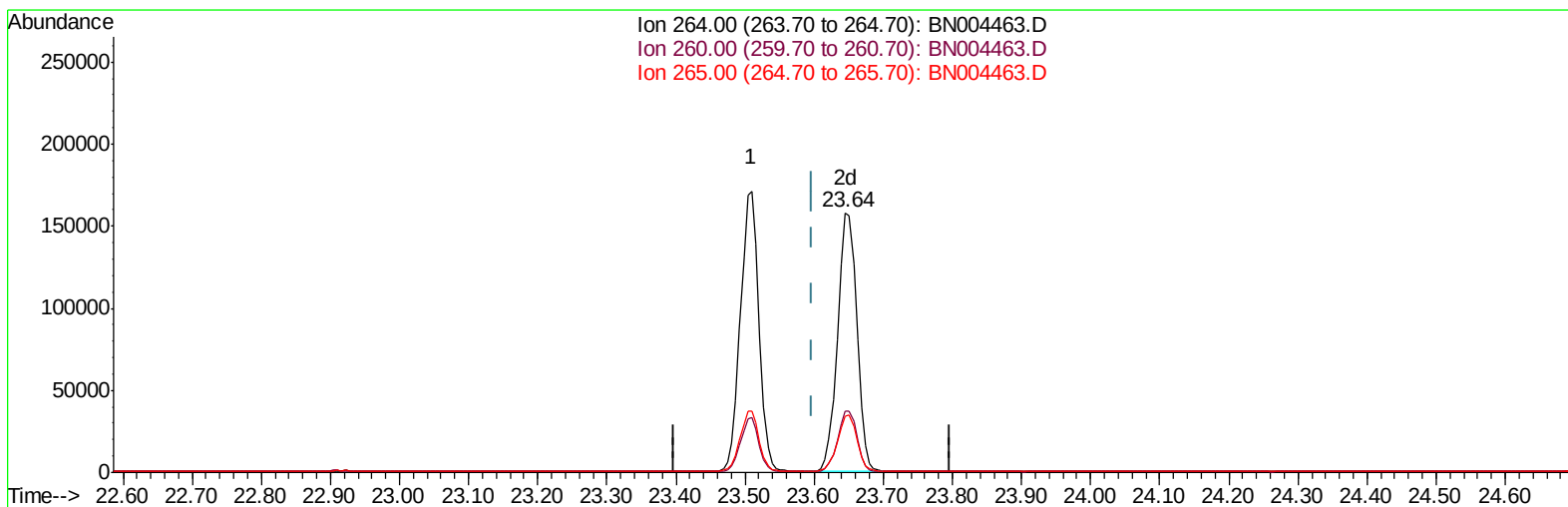
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
 Data File : BN004463.D
 Acq On : 21 Feb 2019 10:26
 Operator : JU/SJ
 Sample : J5704-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40E4

Manual Integrations
 APPROVED

Sohil
 2/22/2019 4:10:28 PM

Quant Time: Feb 21 12:44:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration



TIC: BN004463.D

(86) Perylene-d12 (I)

23.645min (+0.047) 20.00ng/ul m

response 303450

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	23.88
265.00	21.60	21.73
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022119\
 Data File : BN004463.D
 Acq On : 21 Feb 2019 10:26
 Operator : JU/SJ
 Sample : J5704-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40E4

Manual Integrations
 APPROVED

Sohil
 2/22/2019 4:10:28 PM

Quant Time: Feb 21 12:46:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	35688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	170976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	100215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	274656m	20.00	ng/ul	0.05
78) Chrysene-d12	21.33	240	2769m	20.00	ng/ul	0.00
86) Perylene-d12	23.64	264	303450m	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	1119	1.89	ng/uL	0.00
5) Phenol-d5	6.90	99	56166	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	26350	16.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	50073	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	49517	18.11	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	24134	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	27601	23.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	55413	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	47894	16.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	151667	17.85	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	204785	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	157m	0.10	ng/ul	0.02
58) Fluorene-d10	15.39	176	178663	23.88	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.52	200	936	0.58	ng/ul	0.02
71) Anthracene-d10	17.25	188	45334m	3.44	ng/ul	0.02
79) Pyrene-d10	19.56	212	317893m	2561.40	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.51	264	318838	20.02	ng/ul	0.05
Target Compounds						
6) Phenol	6.93	94	15746	4.958	ng/ul	98
28) Naphthalene	10.58	128	15141	1.718	ng/ul	98
41) 1,1'-Biphenyl	13.22	154	617194	76.221	ng/ul	98
45) Dimethylphthalate	13.84	163	42781m	5.092	ng/ul	
59) Fluorene	15.46	166	1044138m	129.335	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.25	149	24301838m	308128.816	ng/ul	

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004463.D
Acq On : 21 Feb 2019 10:26
Operator : JU/SJ
Sample : J5704-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E4

Quant Time: Feb 21 12:46:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/22/2019 4:10:28 PM

