

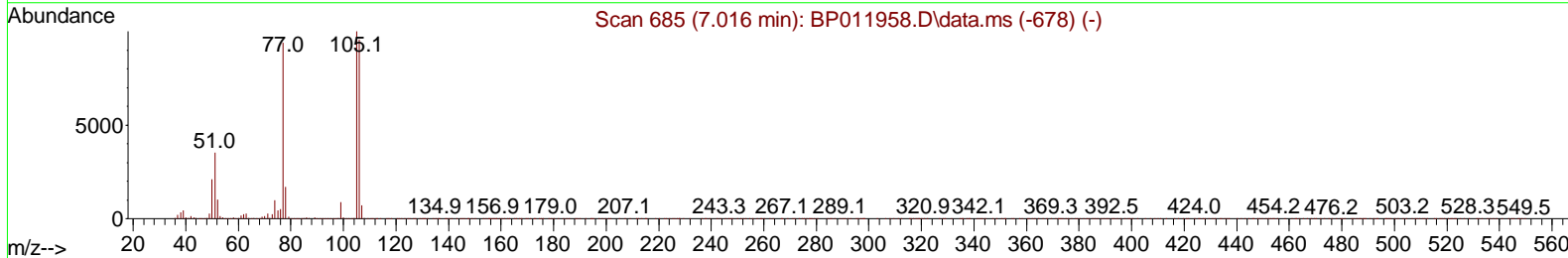
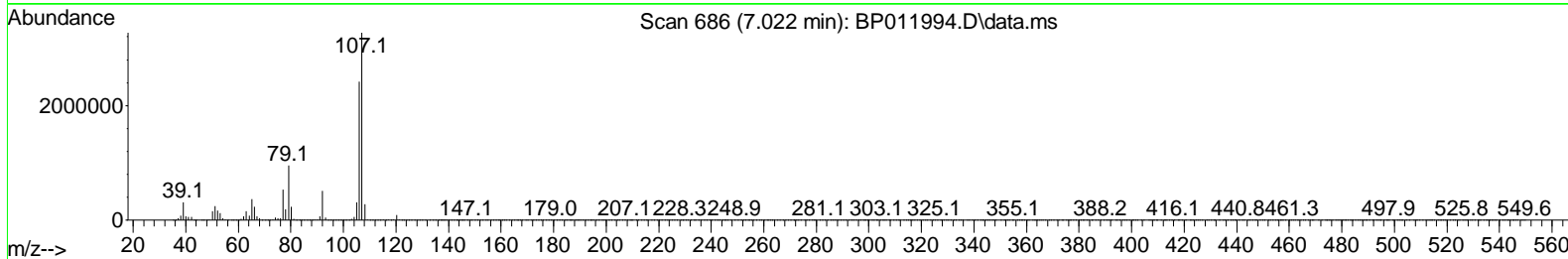
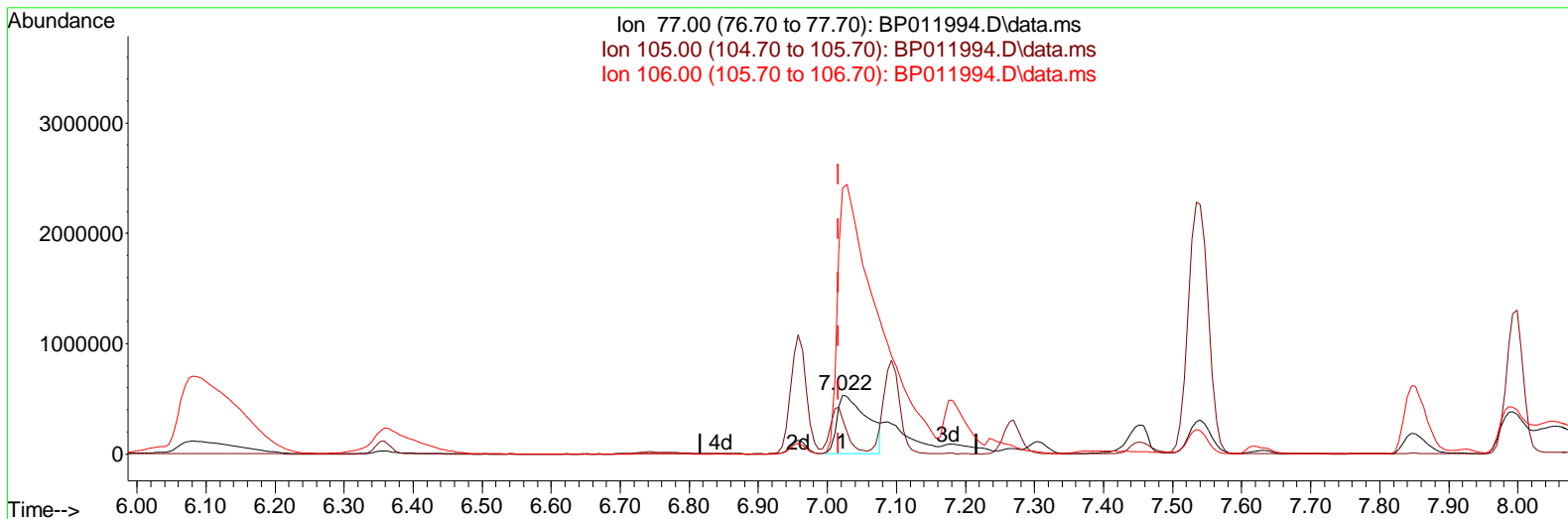
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(6) Benzaldehyde

7.022min (+ 0.006) 139.23 ng/ul

response 1602670

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	108.80	58.32#
106.00	104.70	450.24#
0.00	0.00	0.00

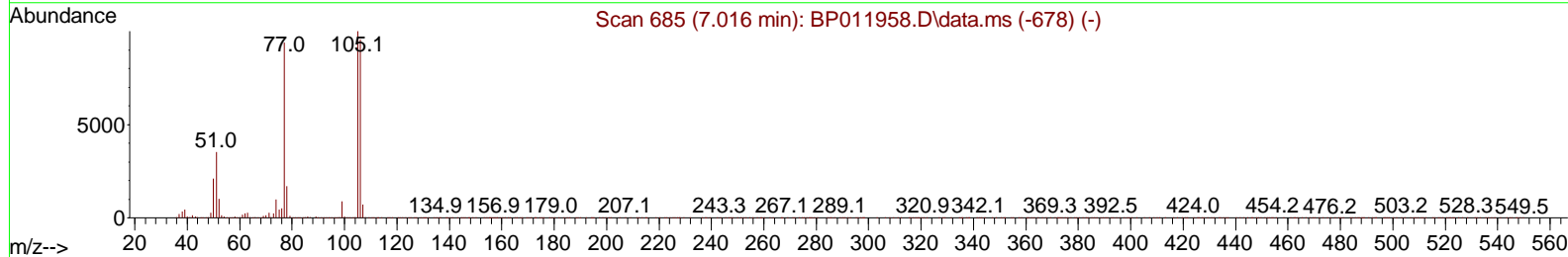
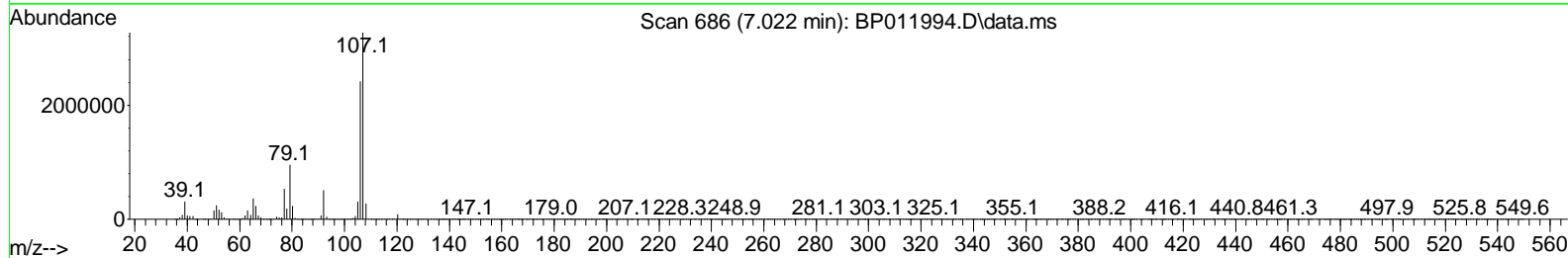
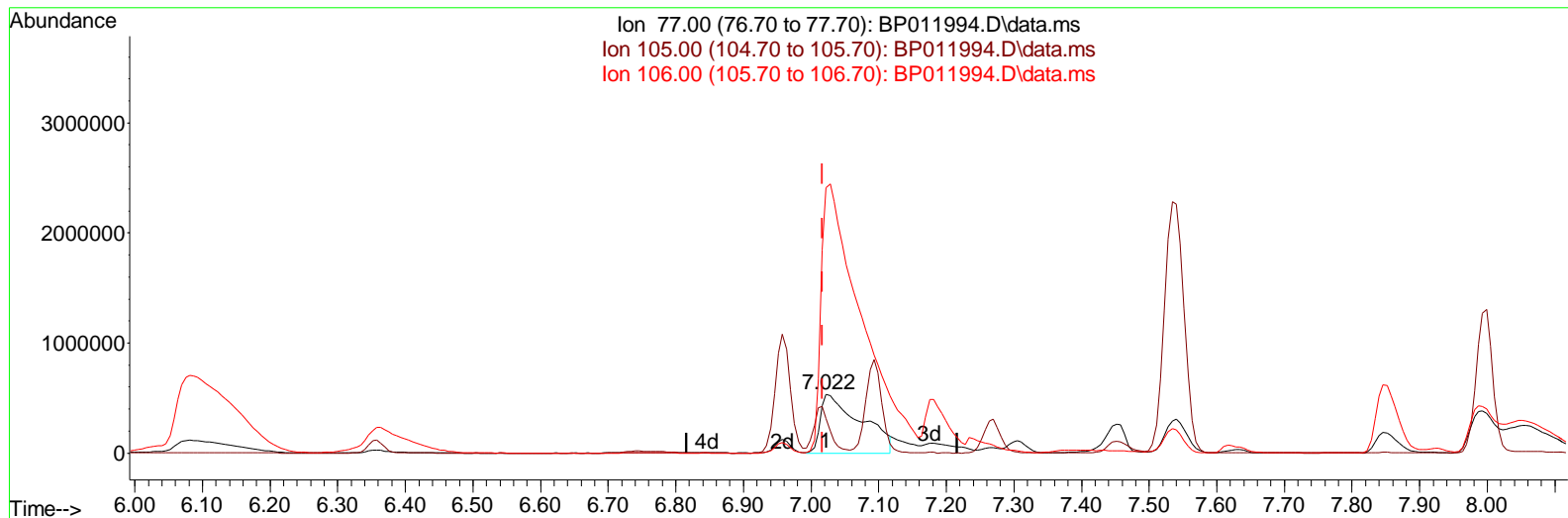
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(6) Benzaldehyde

7.022min (+ 0.006) 191.91 ng/ul m

response 2209050

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	108.80	58.32#
106.00	104.70	450.24#
0.00	0.00	0.00

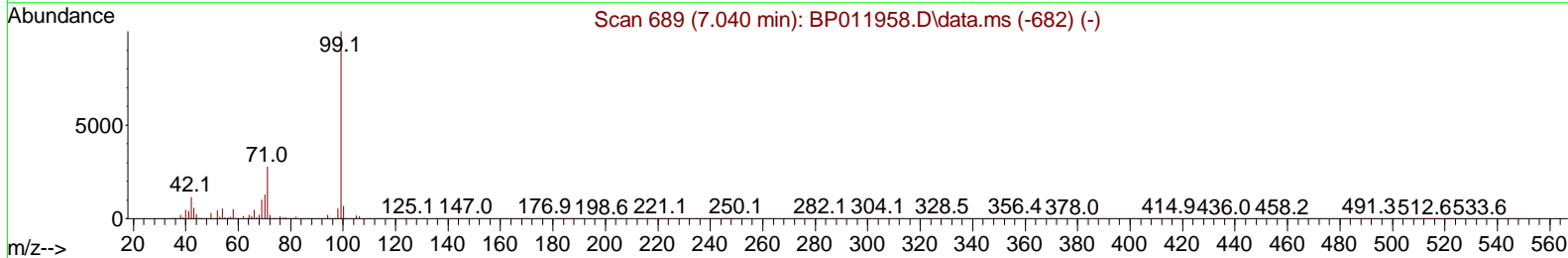
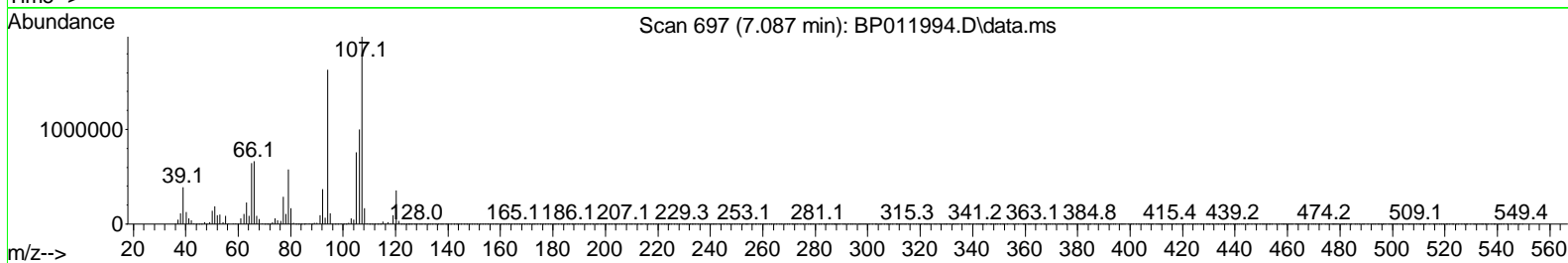
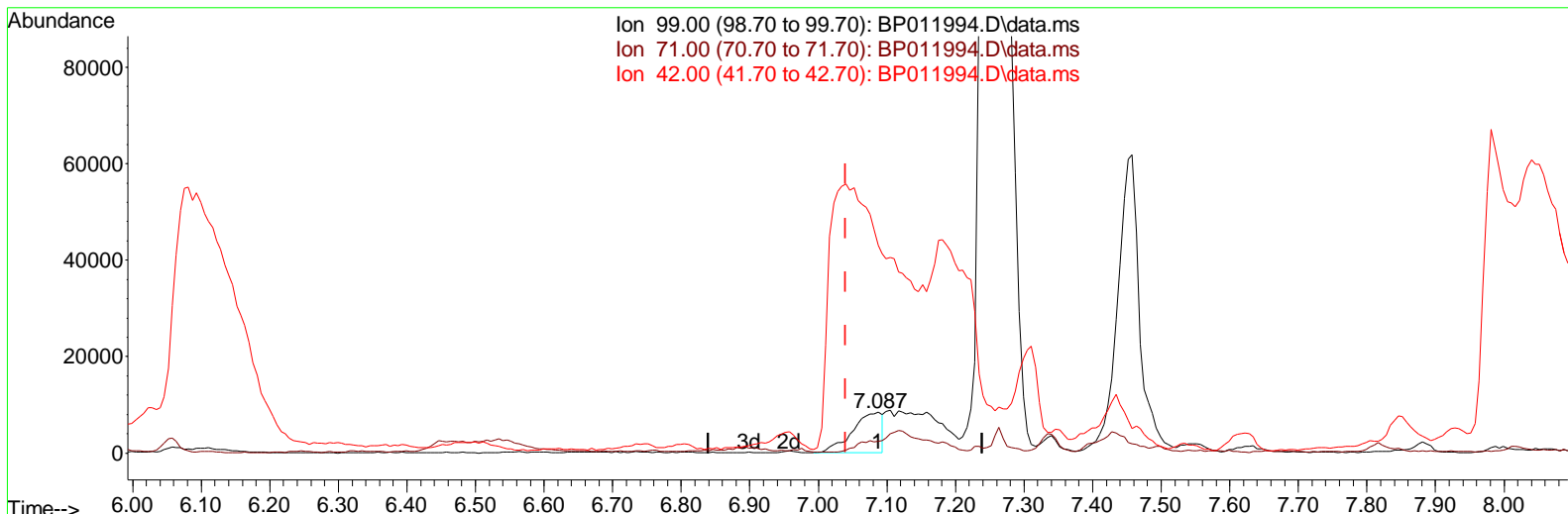
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(7) Phenol-d5 (S)

7.087min (+ 0.047) 0.98 ng/ul

response 25640

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	28.30	29.51
42.00	11.90	509.47#
0.00	0.00	0.00

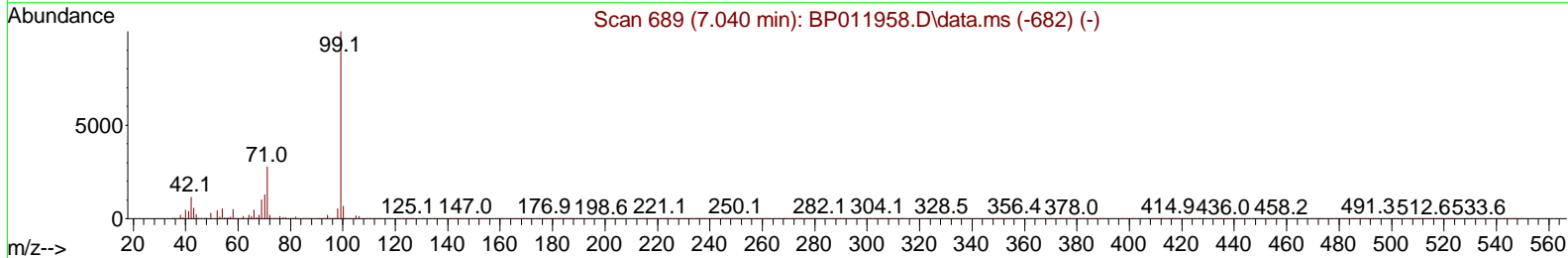
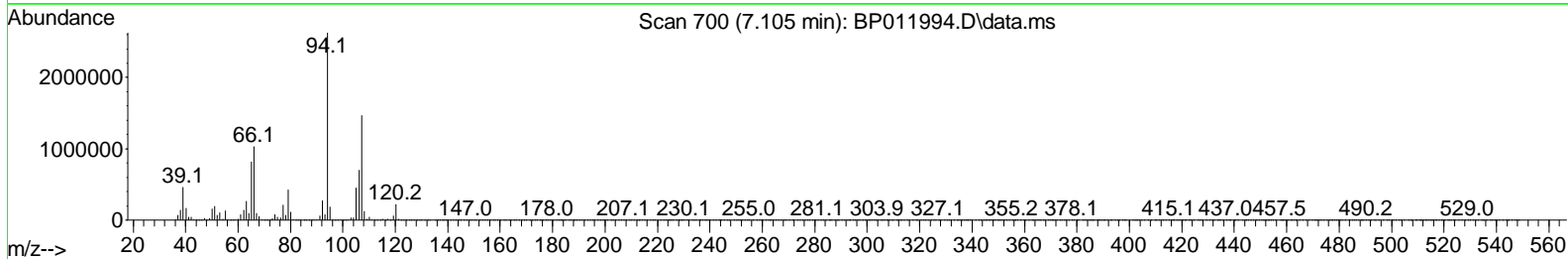
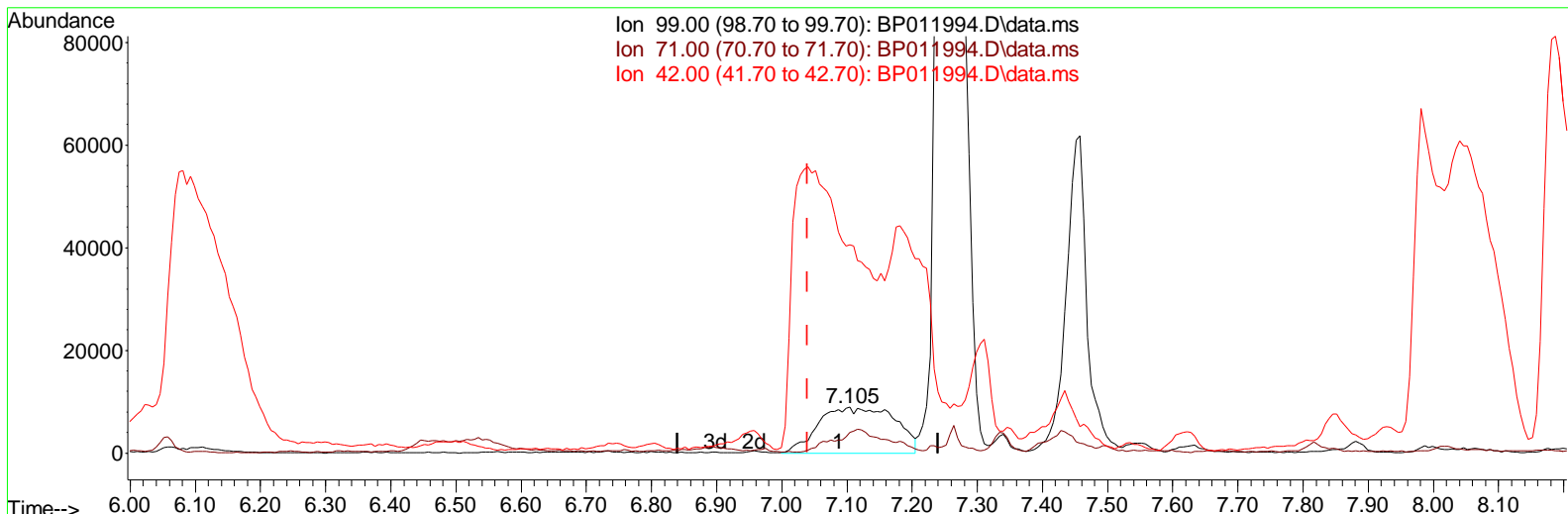
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(7) Phenol-d5 (S)

7.105min (+ 0.065) 2.79 ng/ul m

response 73207

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	28.30	45.61#
42.00	11.90	454.34#
0.00	0.00	0.00

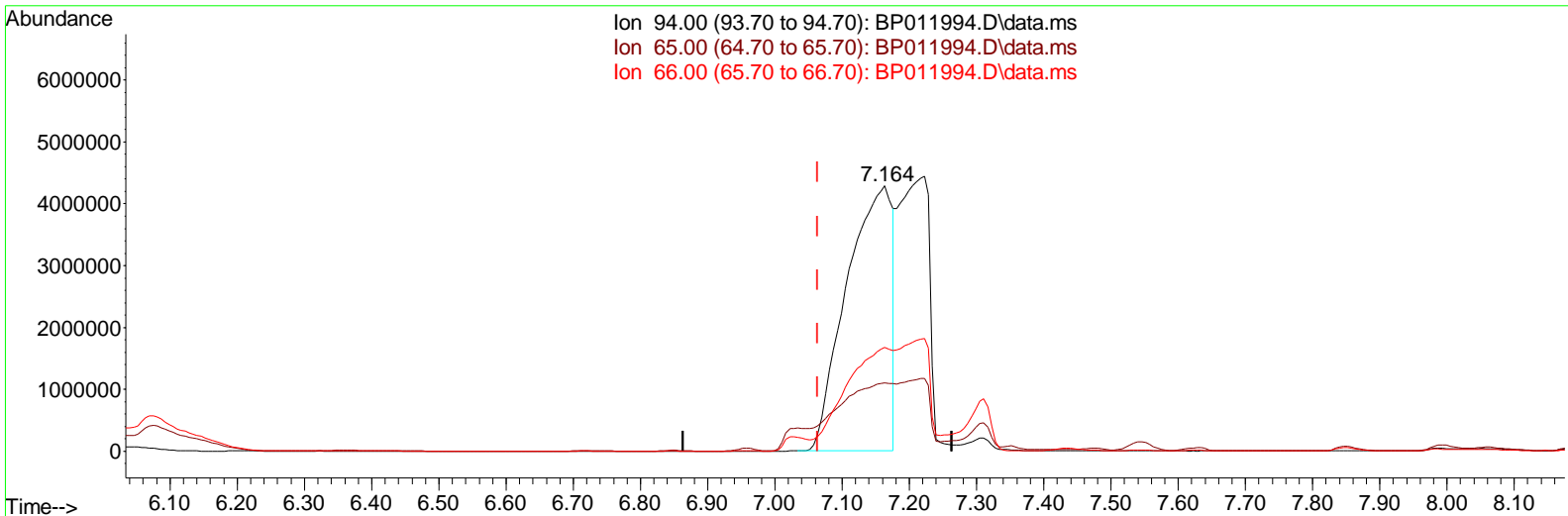
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

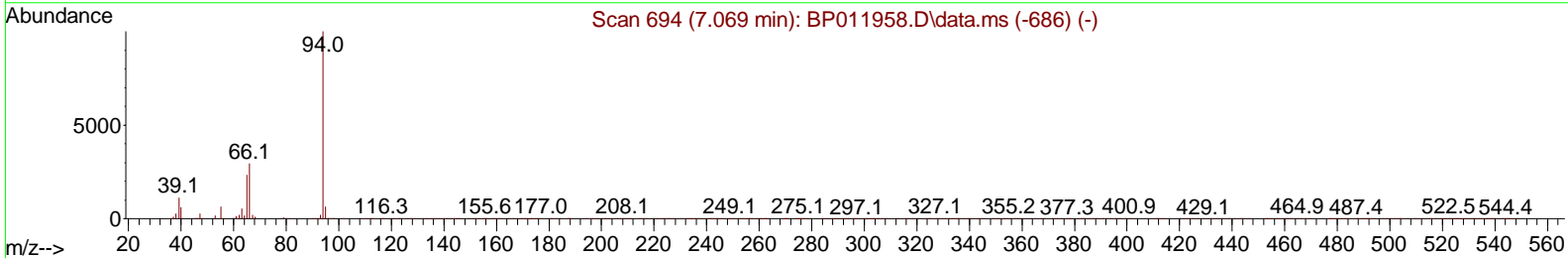
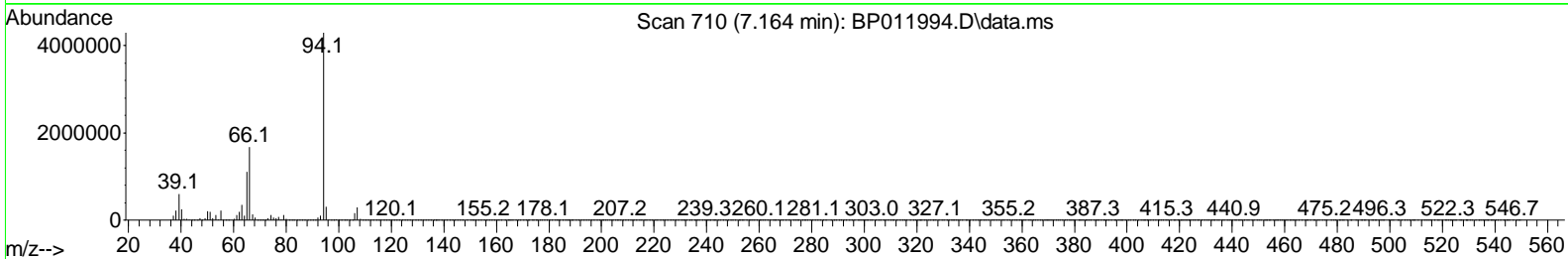
**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



Ion 94.00 (93.70 to 94.70): BP011994.D\data.ms  
 Ion 65.00 (64.70 to 65.70): BP011994.D\data.ms  
 Ion 66.00 (65.70 to 66.70): BP011994.D\data.ms



TIC: BP011994.D\data.ms

**(8) Phenol**

7.164min (+ 0.100) 737.52 ng/ul

response 20100852

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	24.40	25.66
66.00	31.20	39.09#
0.00	0.00	0.00

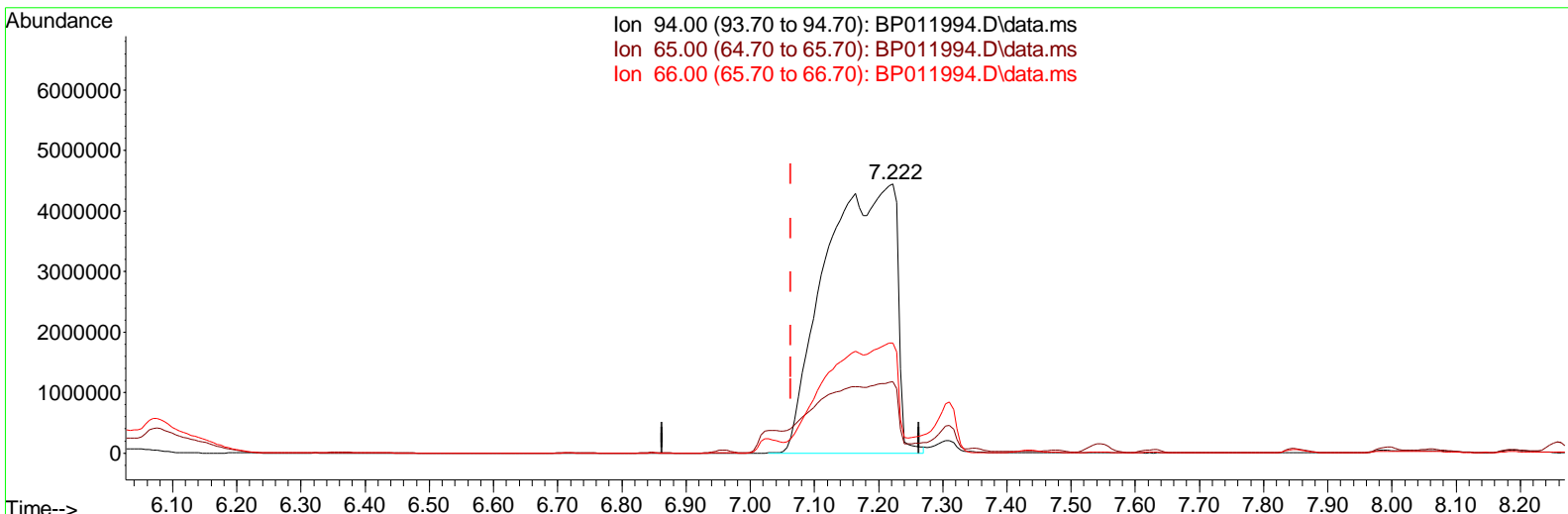
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

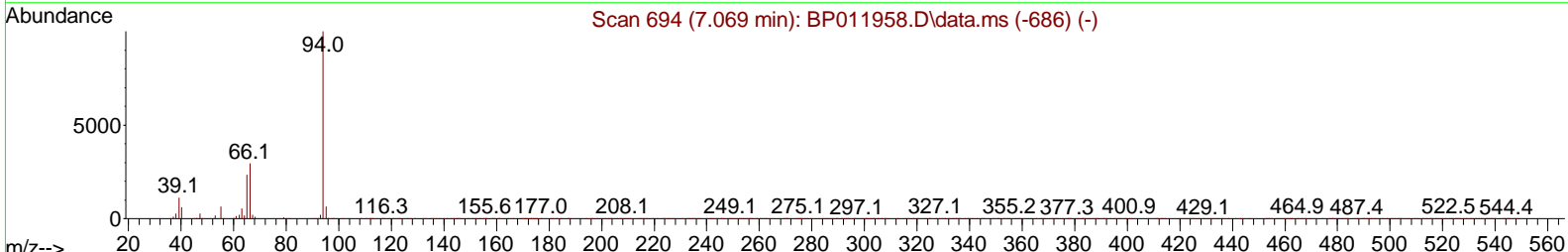
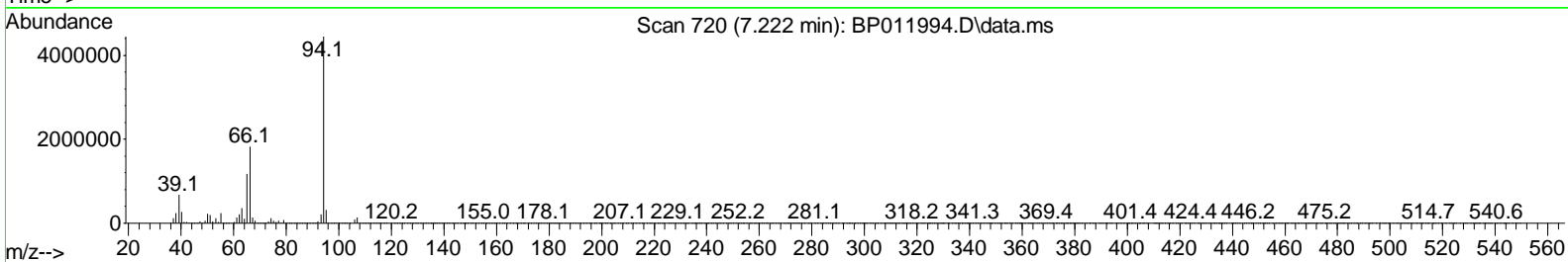
Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



Ion 94.00 (93.70 to 94.70): BP011994.D\data.ms  
 Ion 65.00 (64.70 to 65.70): BP011994.D\data.ms  
 Ion 66.00 (65.70 to 66.70): BP011994.D\data.ms



TIC: BP011994.D\data.ms

(8) Phenol

7.222min (+ 0.159) 1256.70 ng/ul m

response 34250885

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	24.40	26.47
66.00	31.20	40.91#
0.00	0.00	0.00

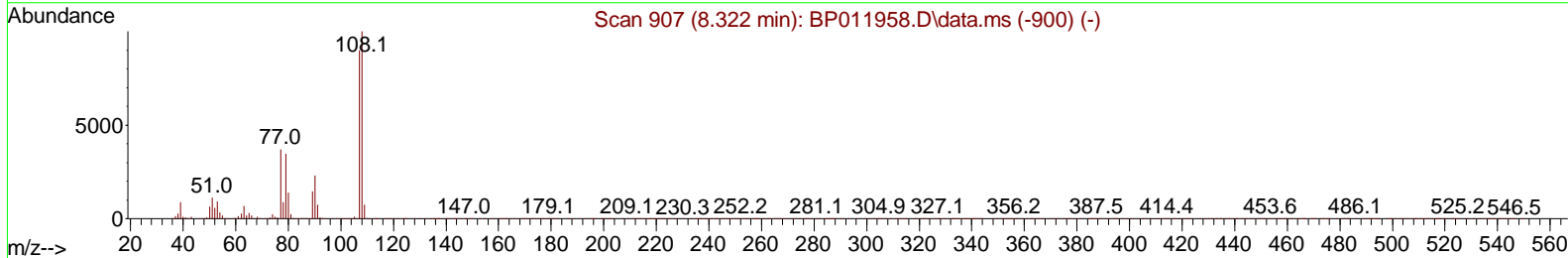
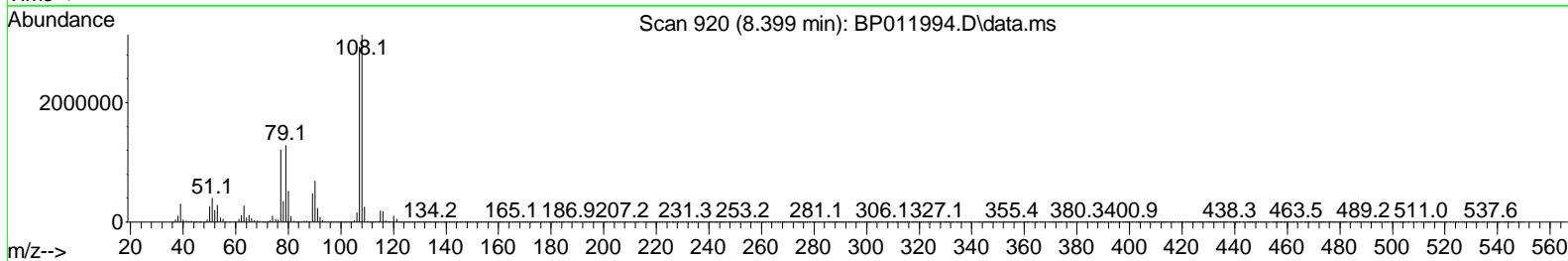
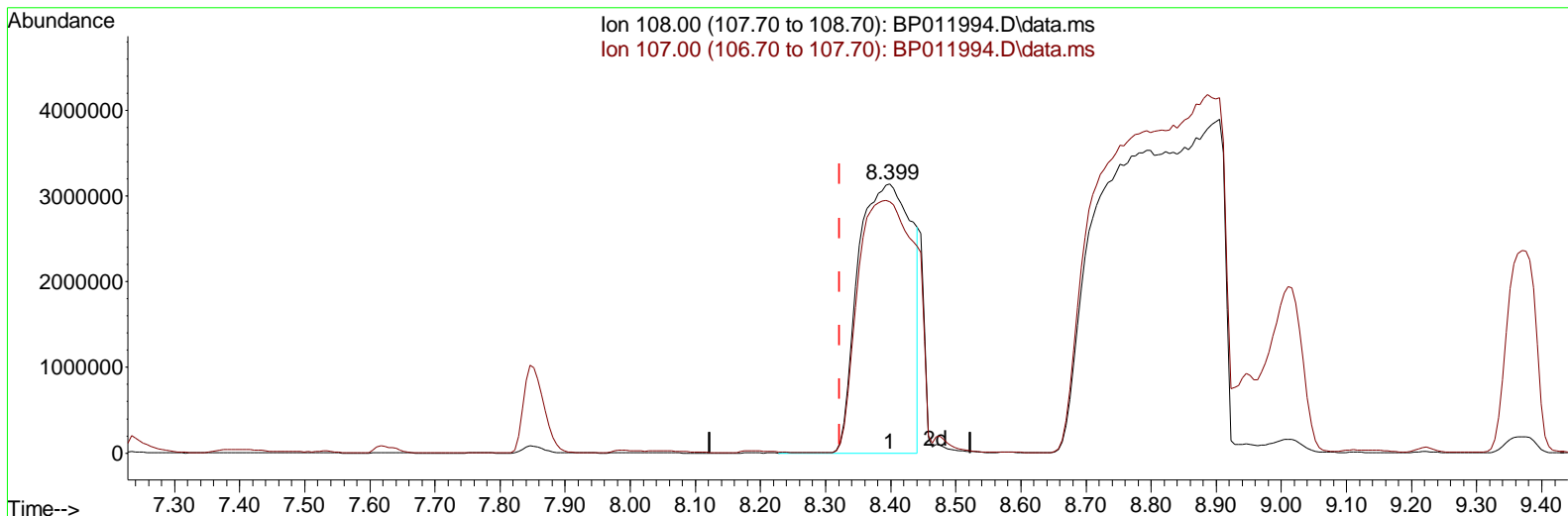
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(13) 2-Methylphenol

8.399min (+ 0.077) 831.98 ng/ul

response 17864916

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	87.70	93.46
0.00	0.00	0.00
0.00	0.00	0.00

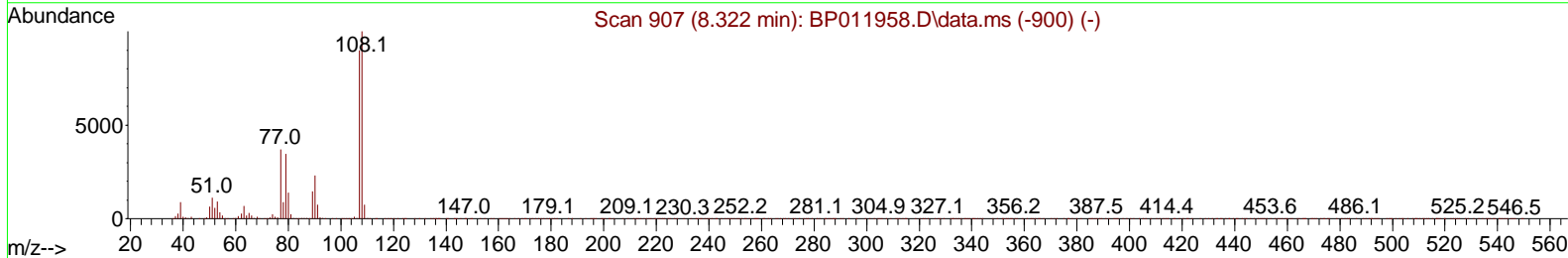
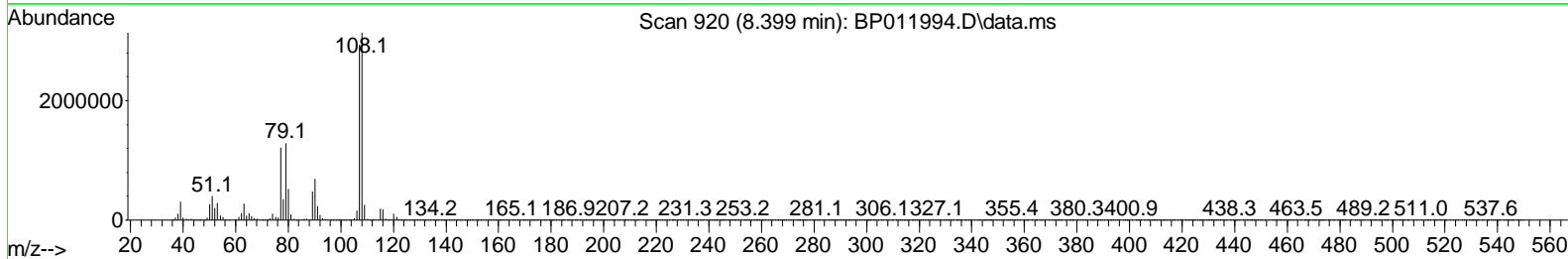
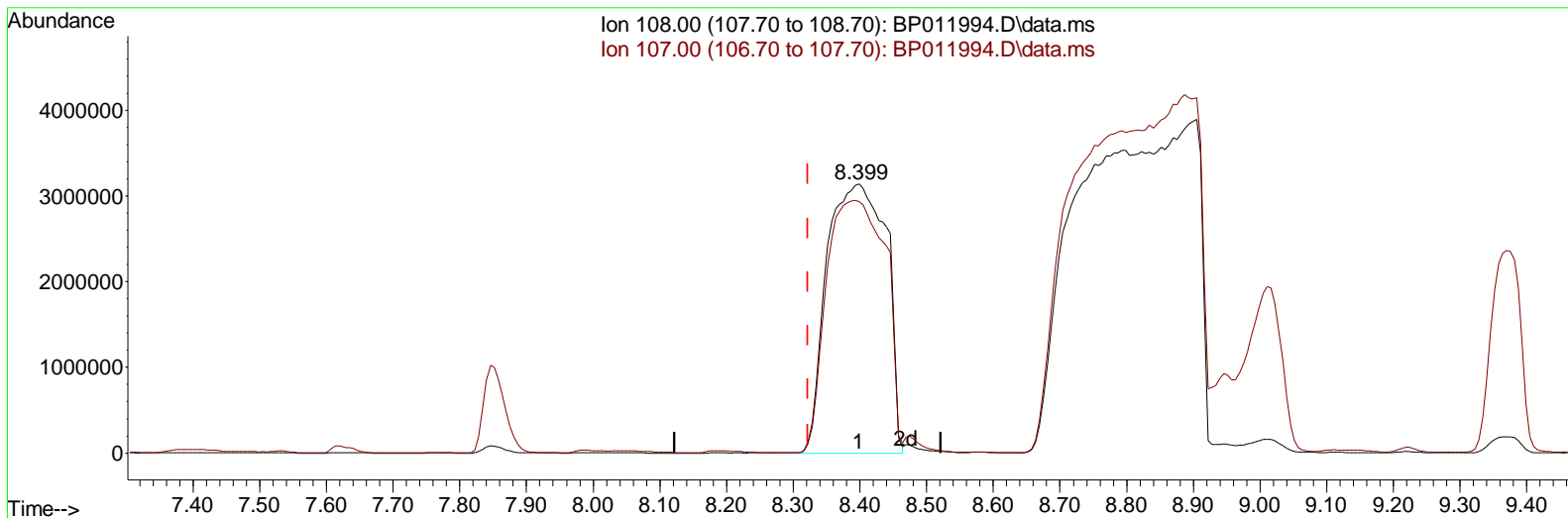
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(13) 2-Methylphenol

8.399min (+ 0.077) 901.63 ng/ul m

response 19360627

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	87.70	93.46
0.00	0.00	0.00
0.00	0.00	0.00



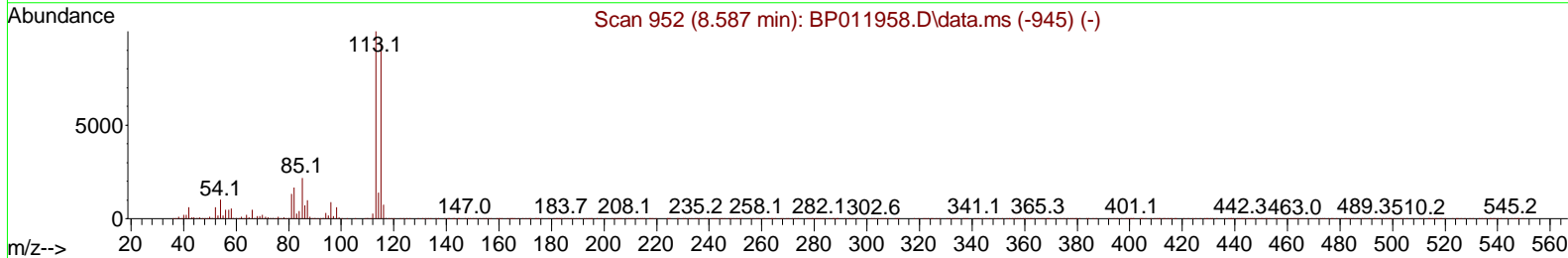
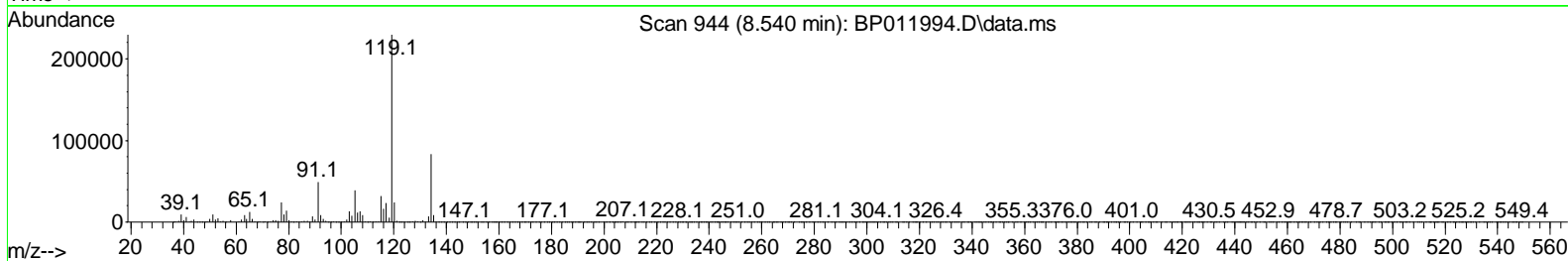
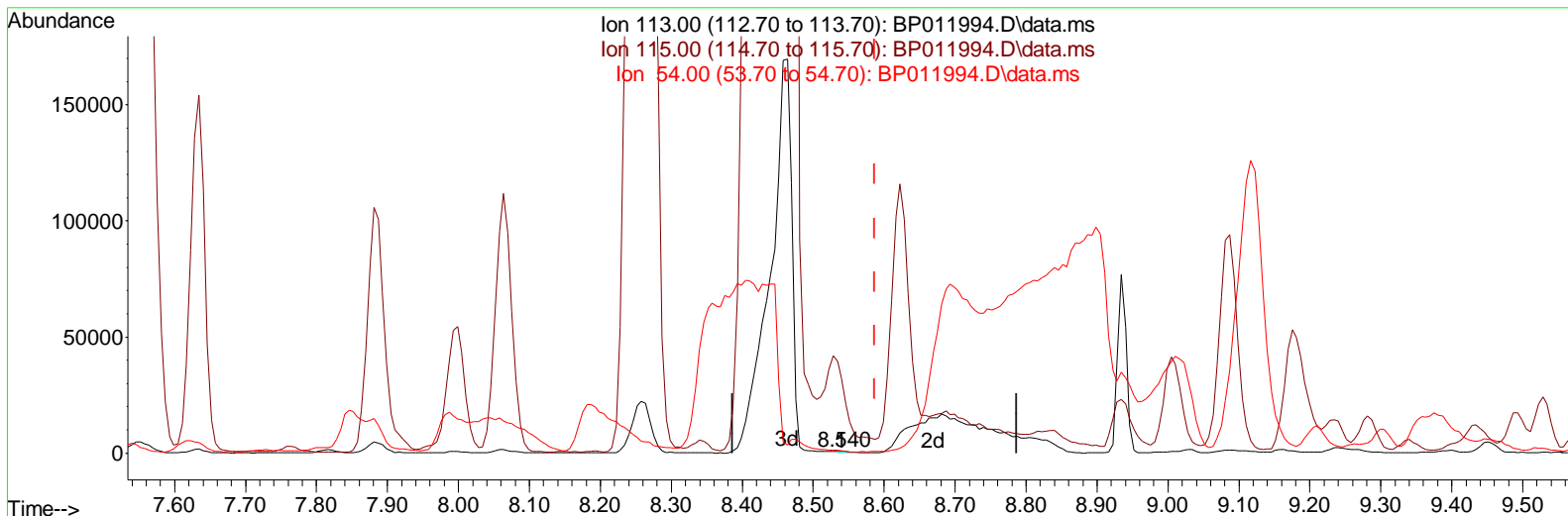
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
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Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.540min (-0.047) 0.02 ng/ul

response 462

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	94.60	3958.62#
54.00	9.80	106.65#
0.00	0.00	0.00

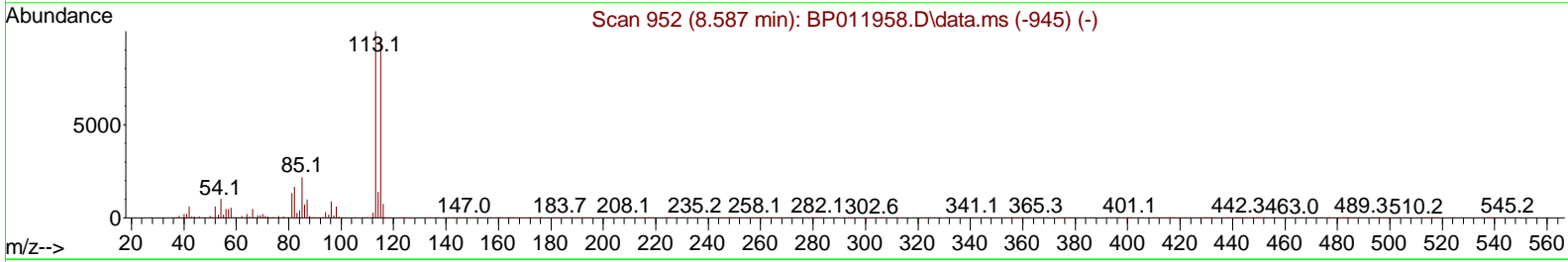
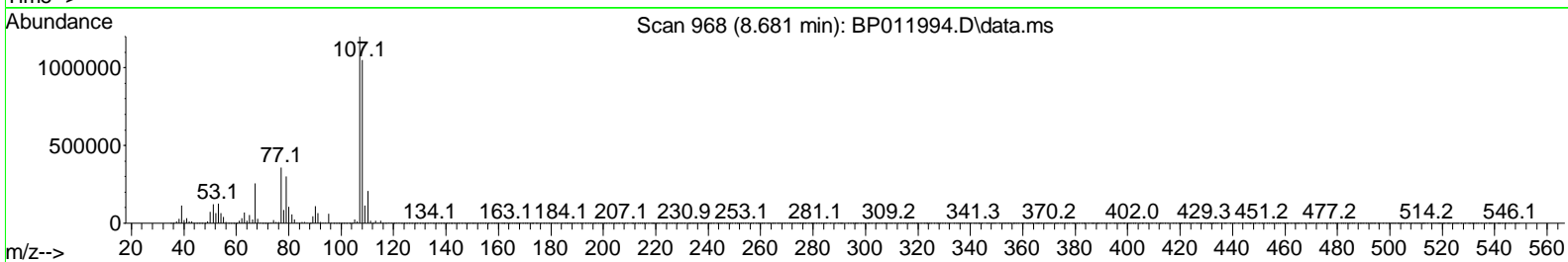
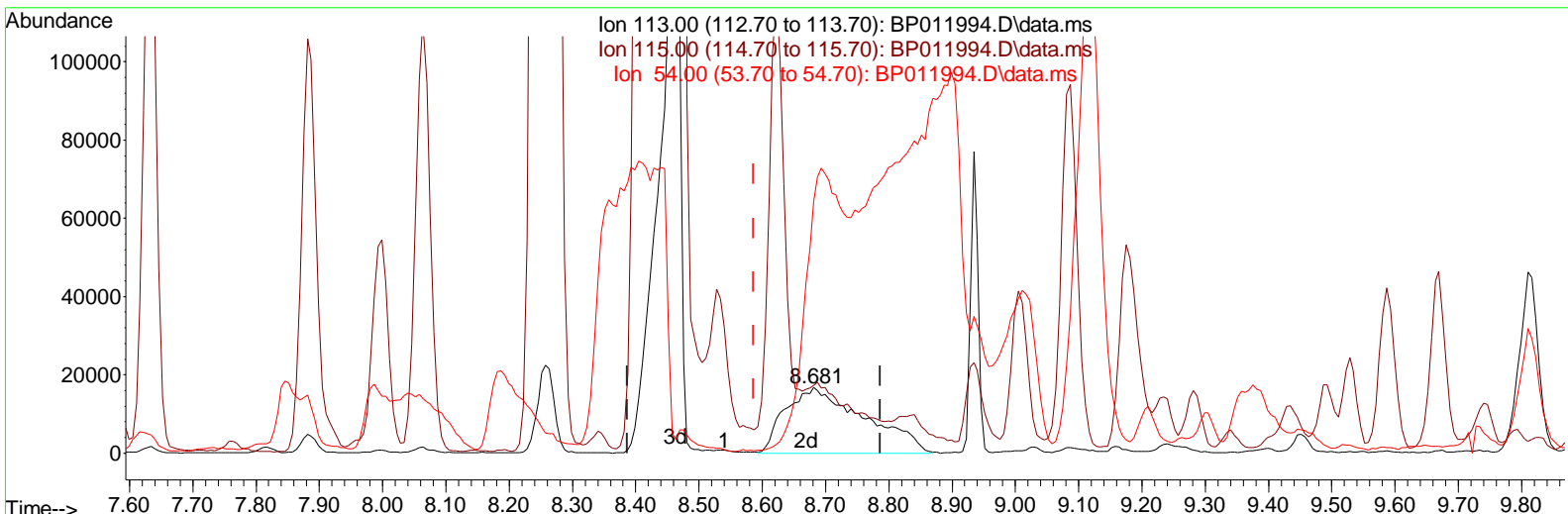
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Title : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Ini tial Cal ibration



TIC: BP011994.D\data.ms

(15) 4-Methylphenol-d8 (s)

8.681min (+ 0.094) 6.68 ng/ul m

response	145201
Ion	Exp% Act%
113.00	100.00 100.00
115.00	94.60 102.77
54.00	9.80 383.52#
0.00	0.00 0.00

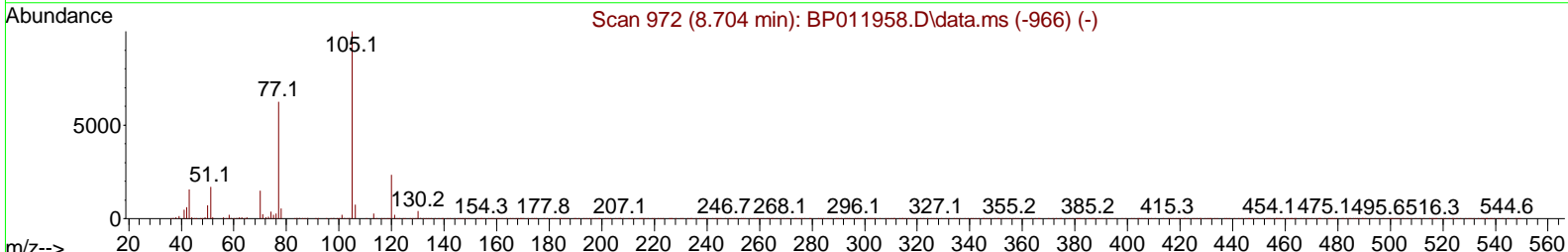
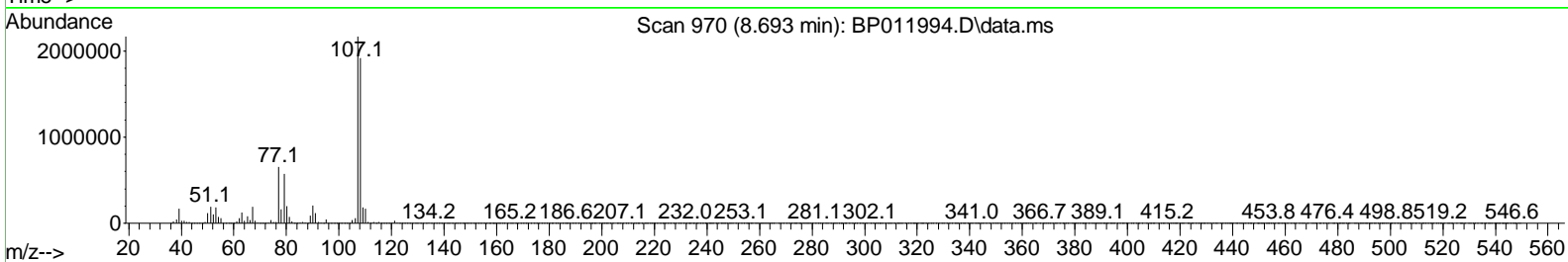
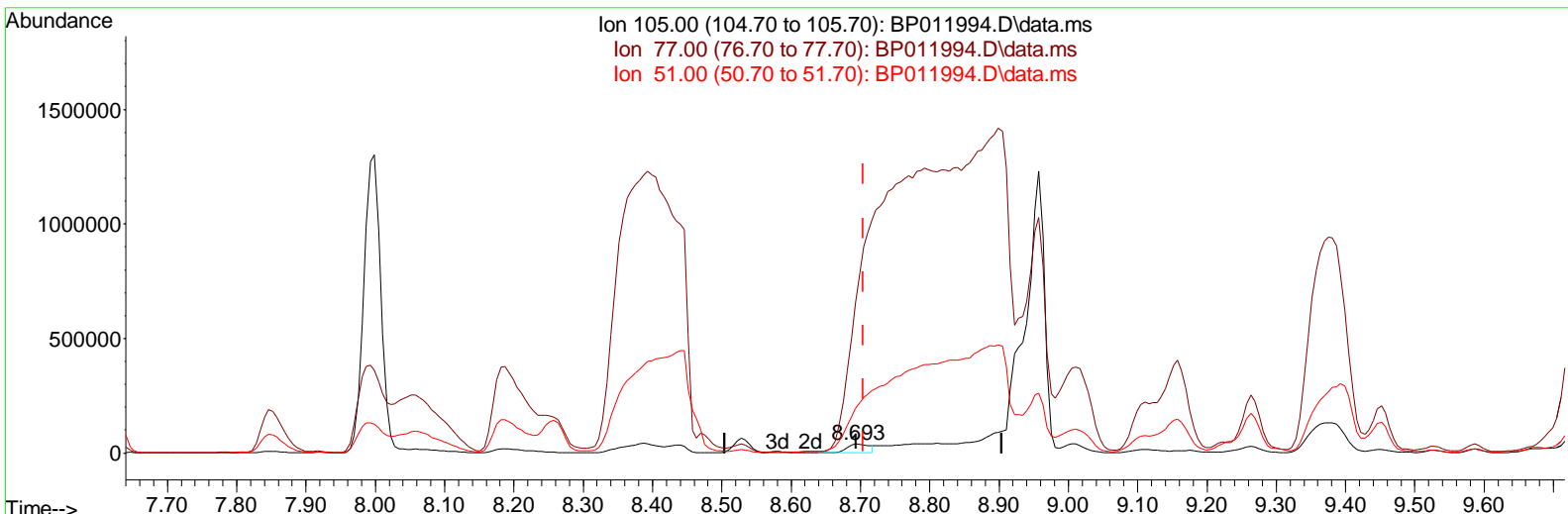
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(16) Acetophenone

8.693min (-0.012) 2.69 ng/ul

response	89001
Ion	Exp% Act%
105.00	100.00 100.00
77.00	69.20 1635.26#
51.00	19.00 484.08#
0.00	0.00 0.00

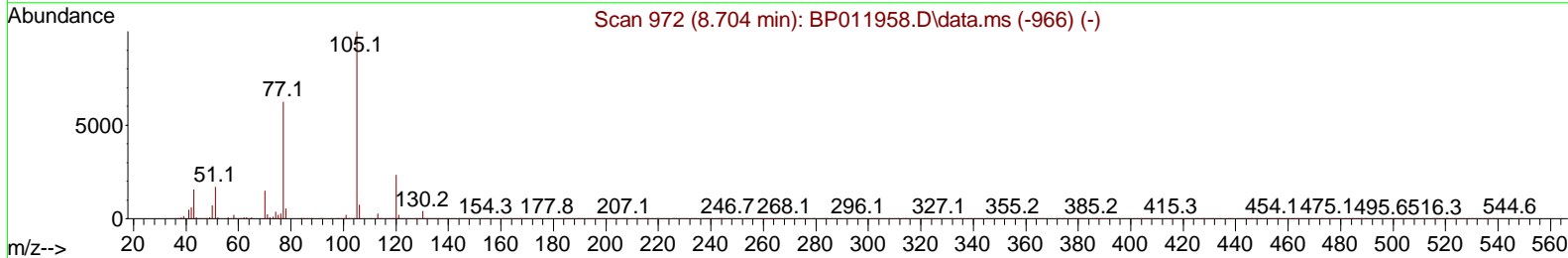
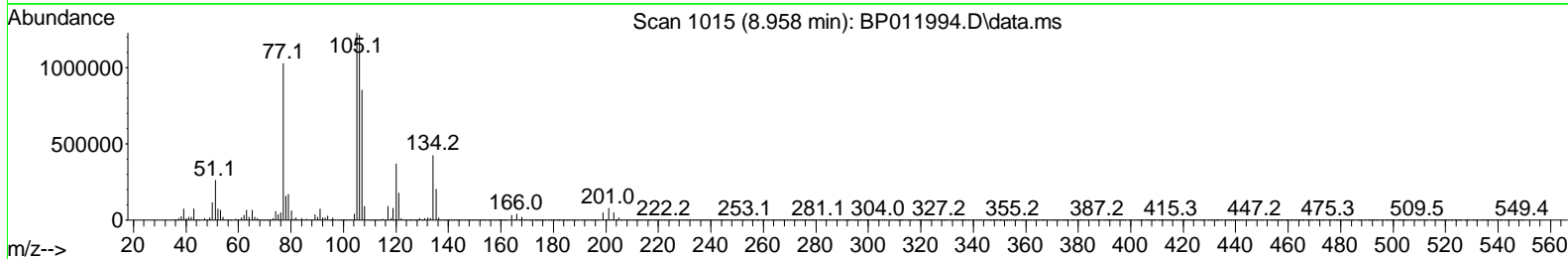
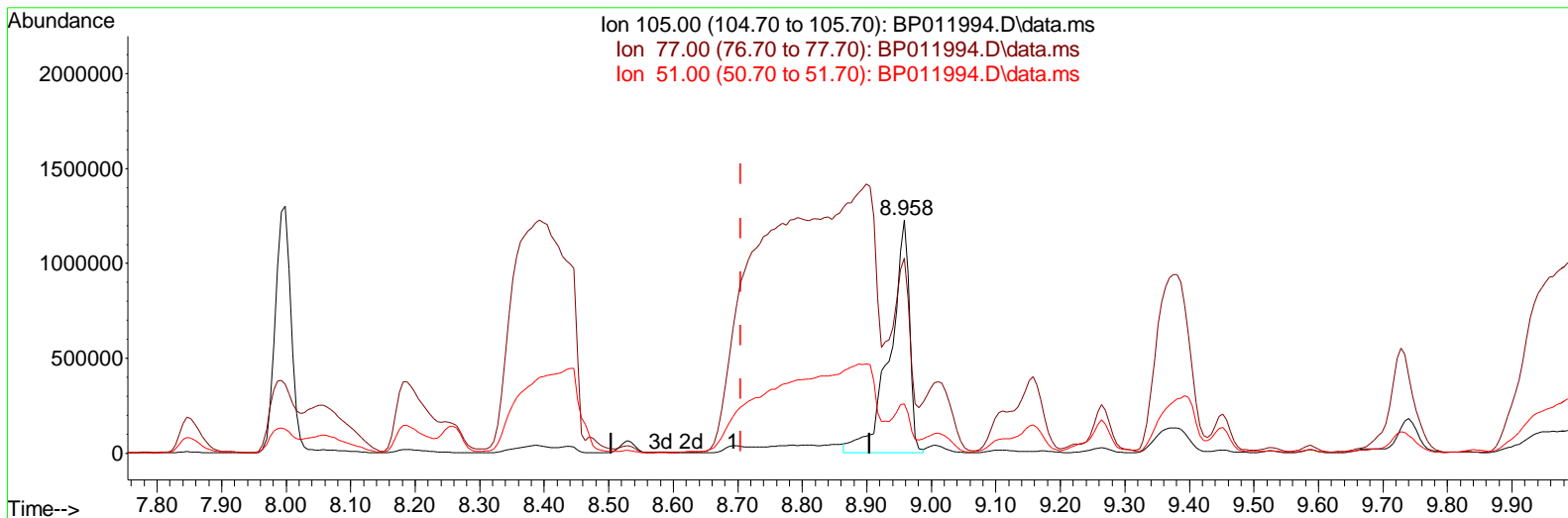
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(16) Acetophenone

8.958min (+ 0.253) 78.26 ng/ul m

response 2591837

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	69.20	83.68#
51.00	19.00	21.20
0.00	0.00	0.00

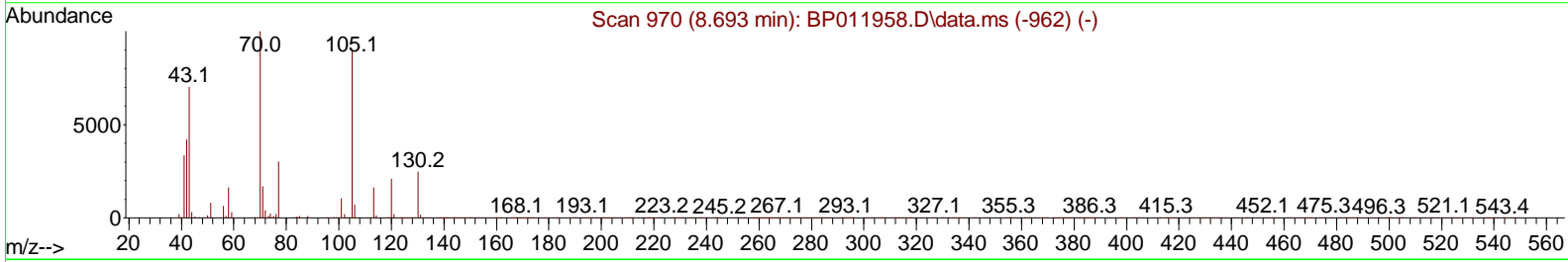
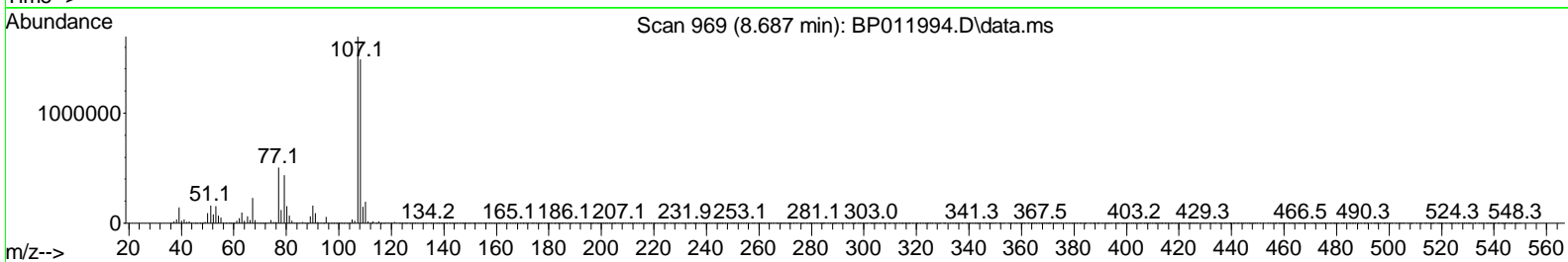
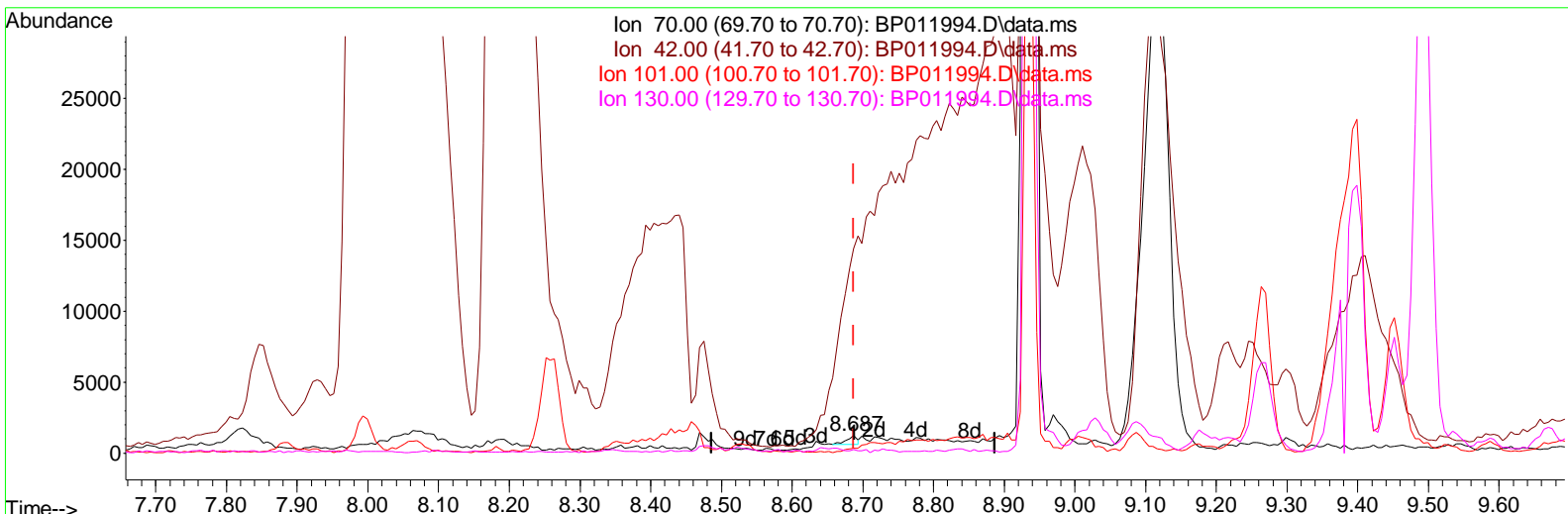
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Mi sc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Ti tle : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Ini tial Cal i brati on

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(17) N-Nitroso-di-n-propylamine (P)

8.687min (+ 0.000) 0.04 ng/ul

response 646

Ion	Exp%	Act%
70.00	100.00	100.00
42.00	40.90	1158.76#
101.00	10.50	26.05#
130.00	24.30	20.34

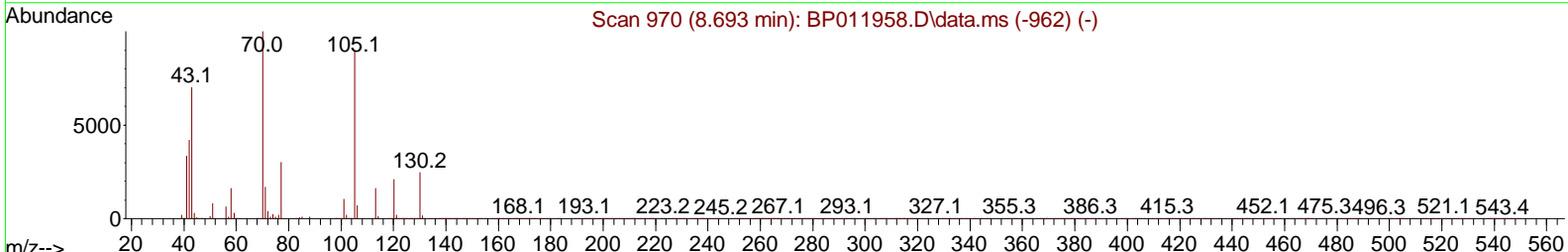
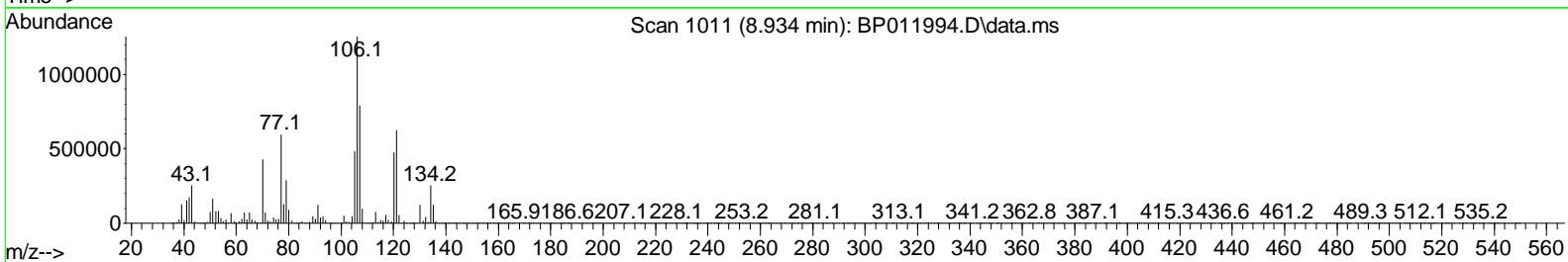
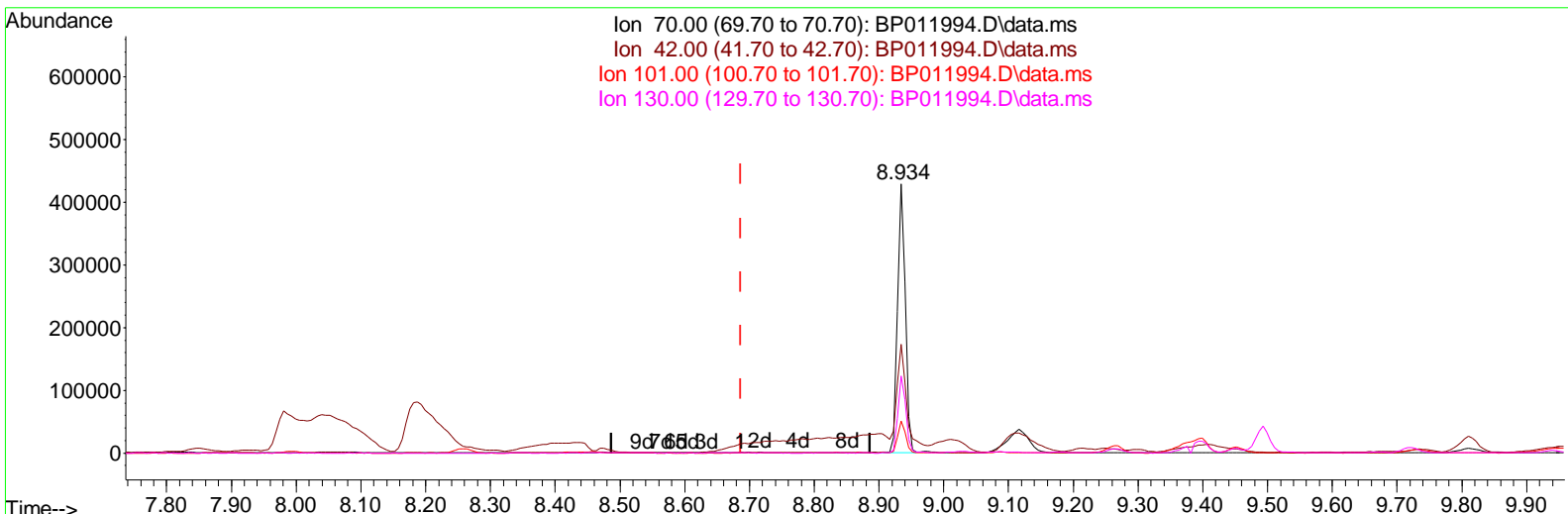
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(17) N-Nitroso-di-n-propylamine (P)

8.934min (+ 0.247) 22.97 ng/ul m

response 358089

Ion	Exp%	Act%
70.00	100.00	100.00
42.00	40.90	40.48
101.00	10.50	11.93
130.00	24.30	28.70

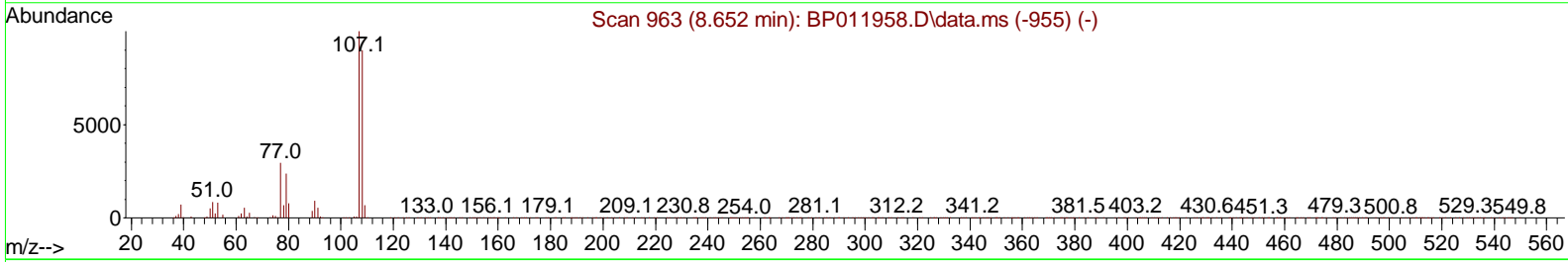
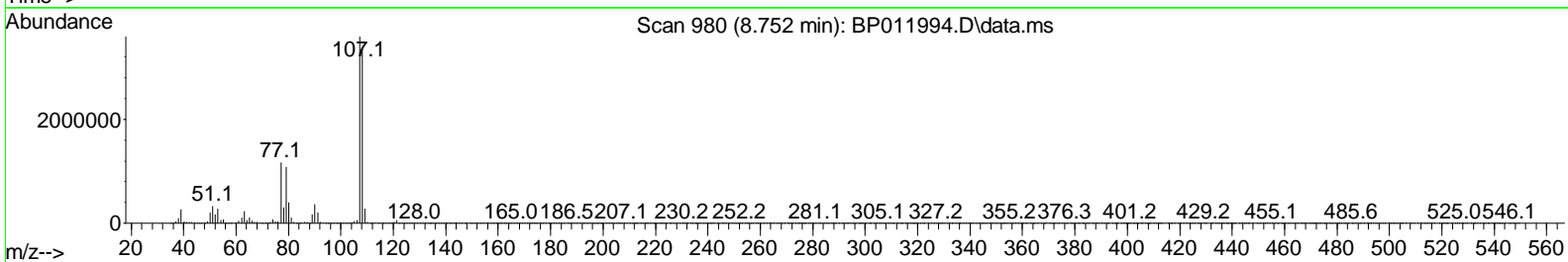
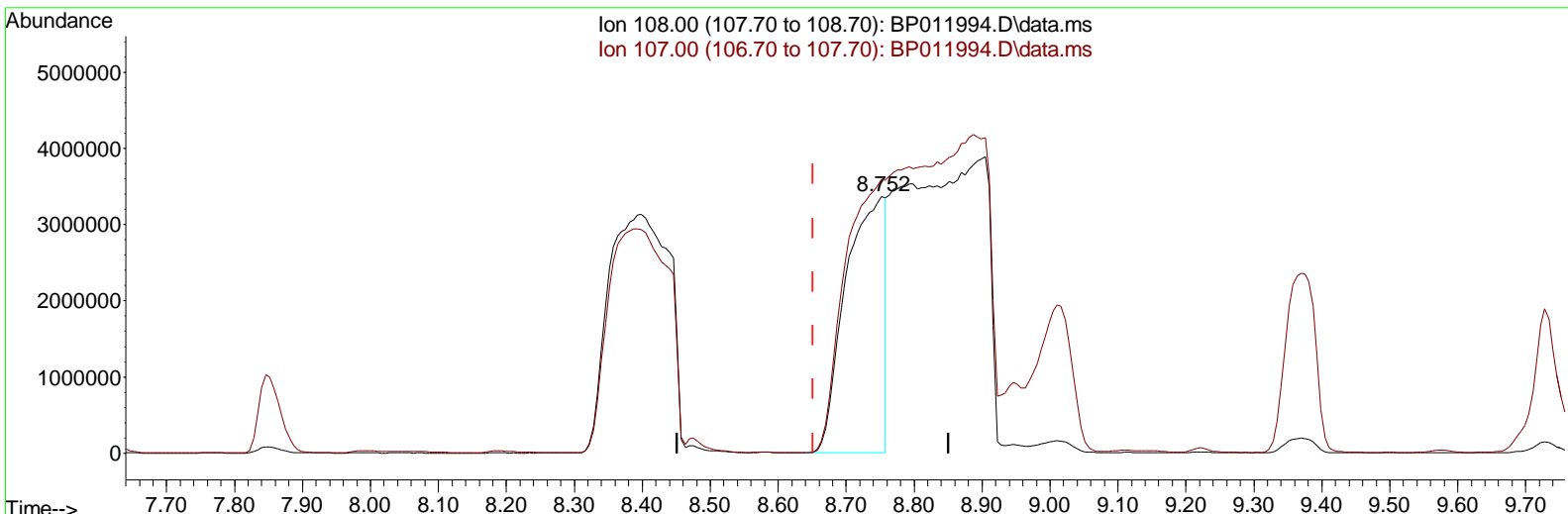
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(18) 4-Methylphenol

8.752min (+ 0.100) 573.49 ng/ul

response 13568032

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	110.00	106.59
0.00	0.00	0.00
0.00	0.00	0.00

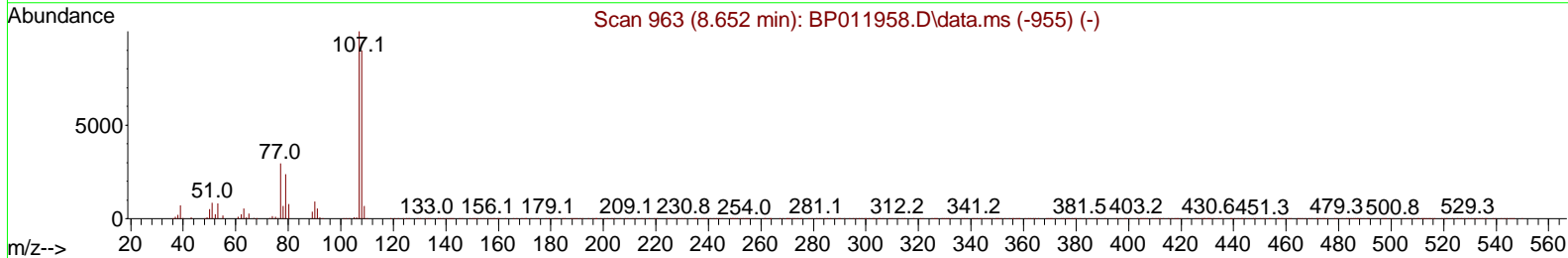
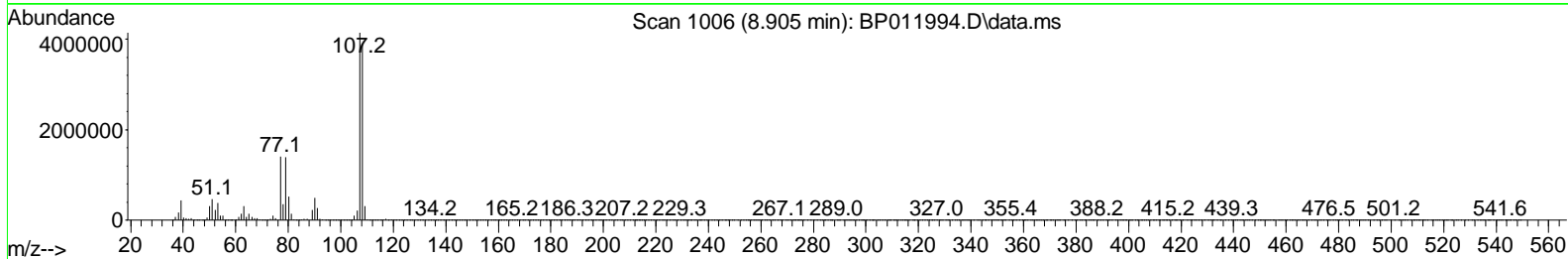
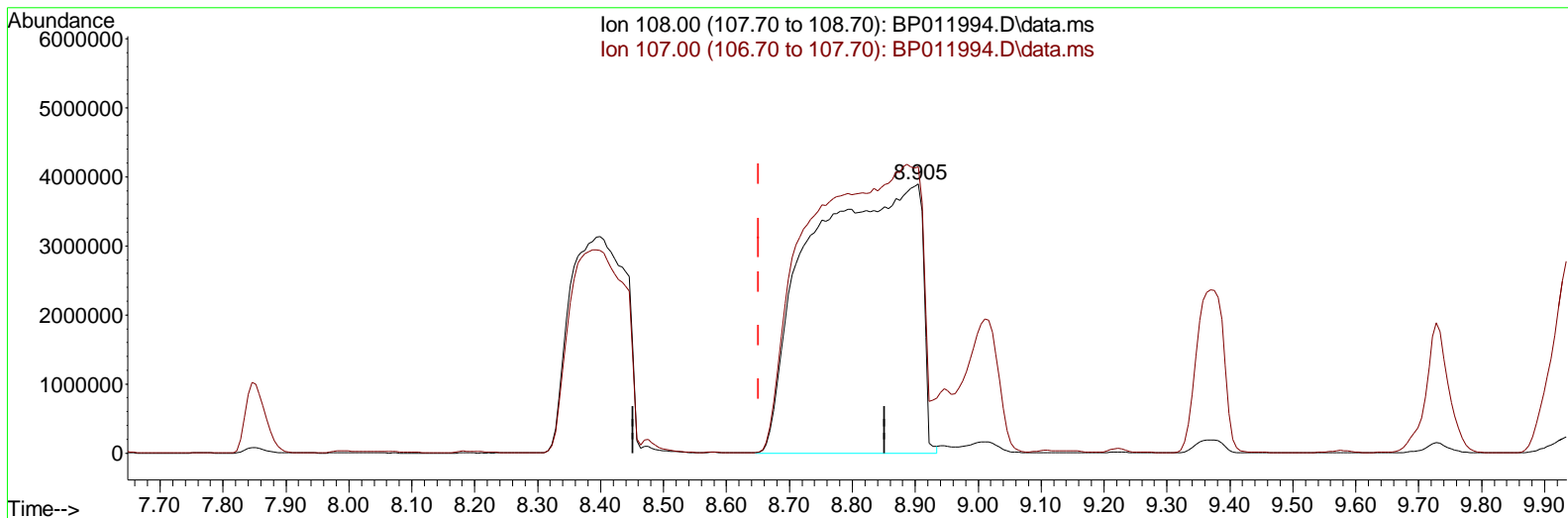
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(18) 4-Methylphenol

8.905min (+ 0.253) 1991.93 ng/ul m

response 47126867

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	110.00	106.44
0.00	0.00	0.00
0.00	0.00	0.00



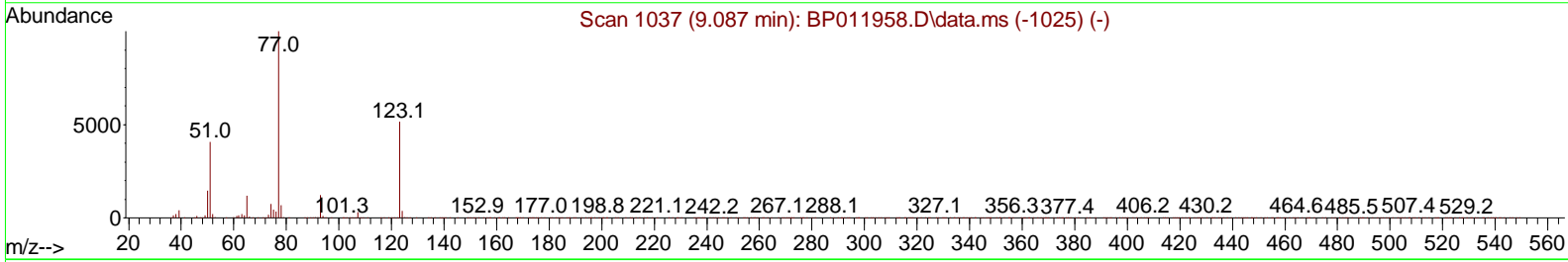
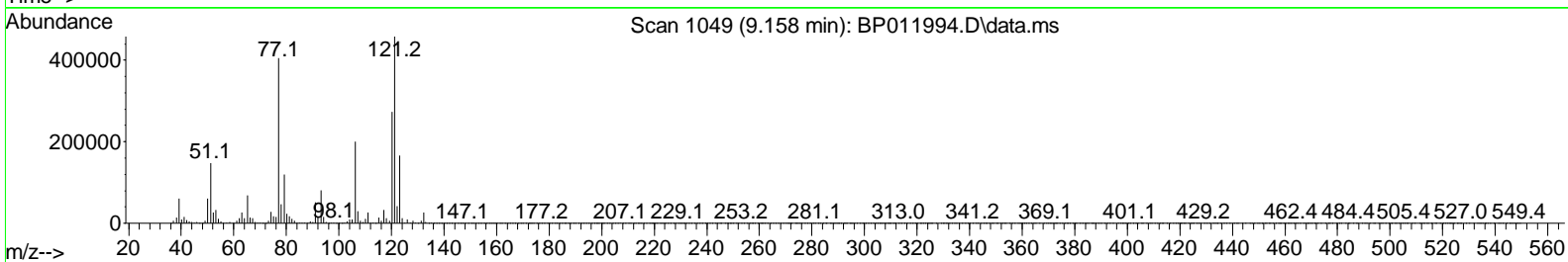
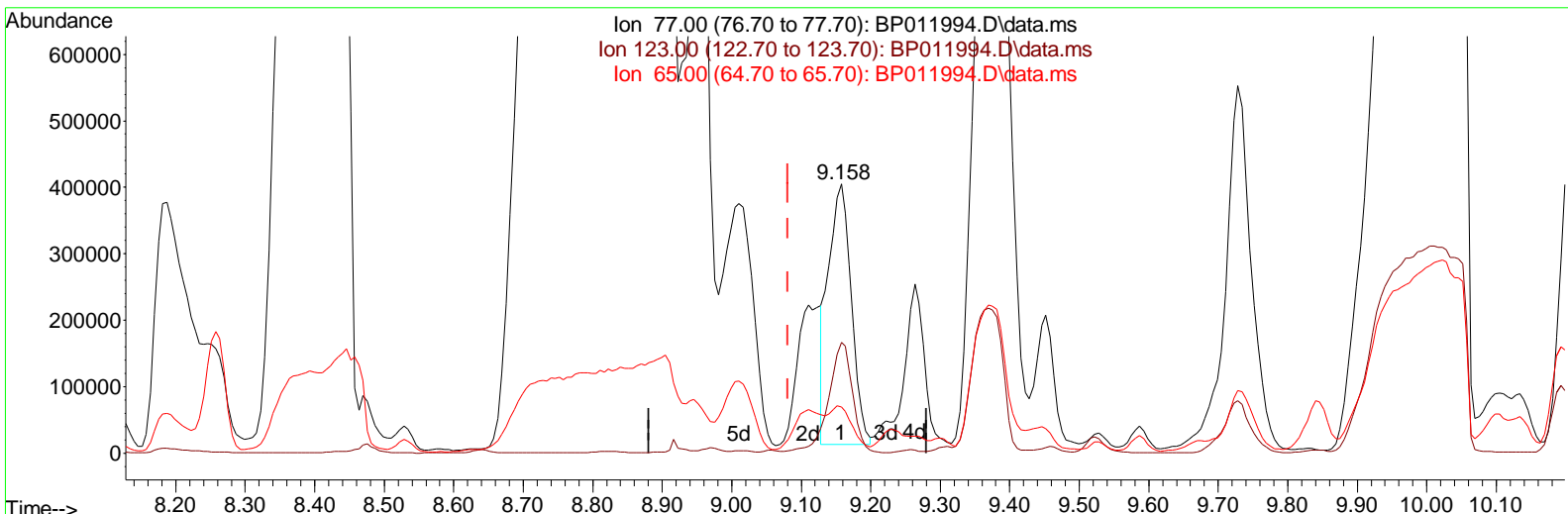
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(22) Nitrobenzene

9.158min (+ 0.077) 77.13 ng/ul

response 898924

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	52.00	41.11#
65.00	12.10	17.08#
0.00	0.00	0.00

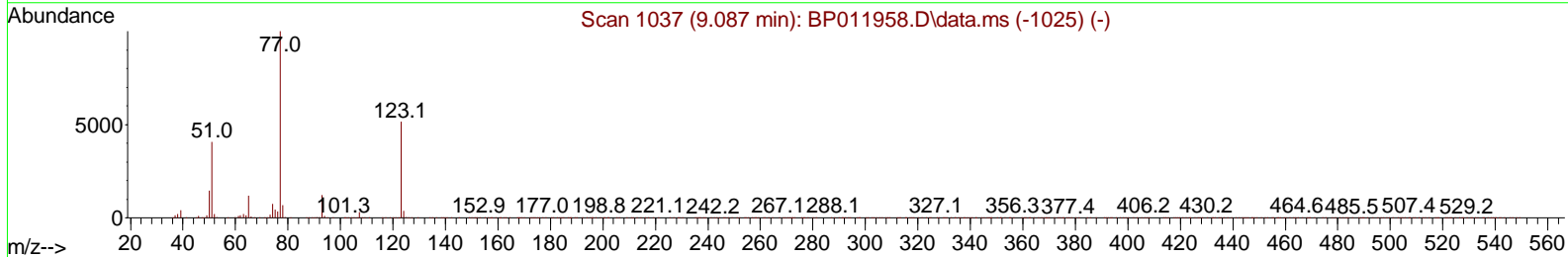
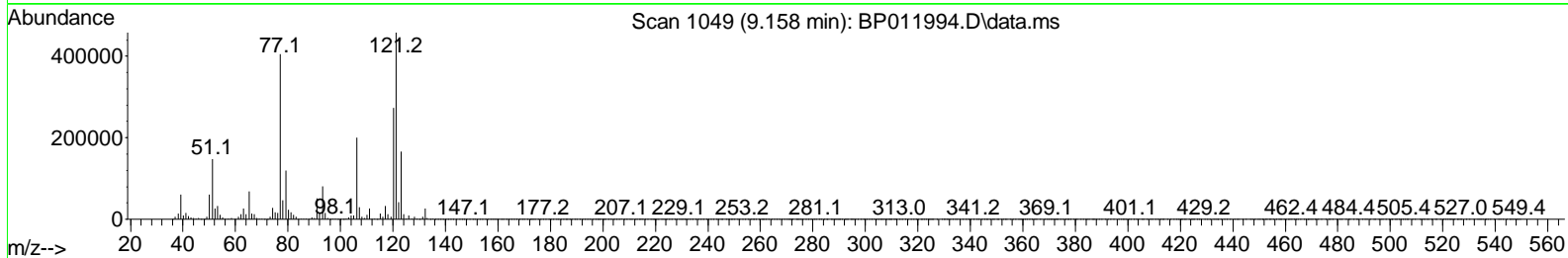
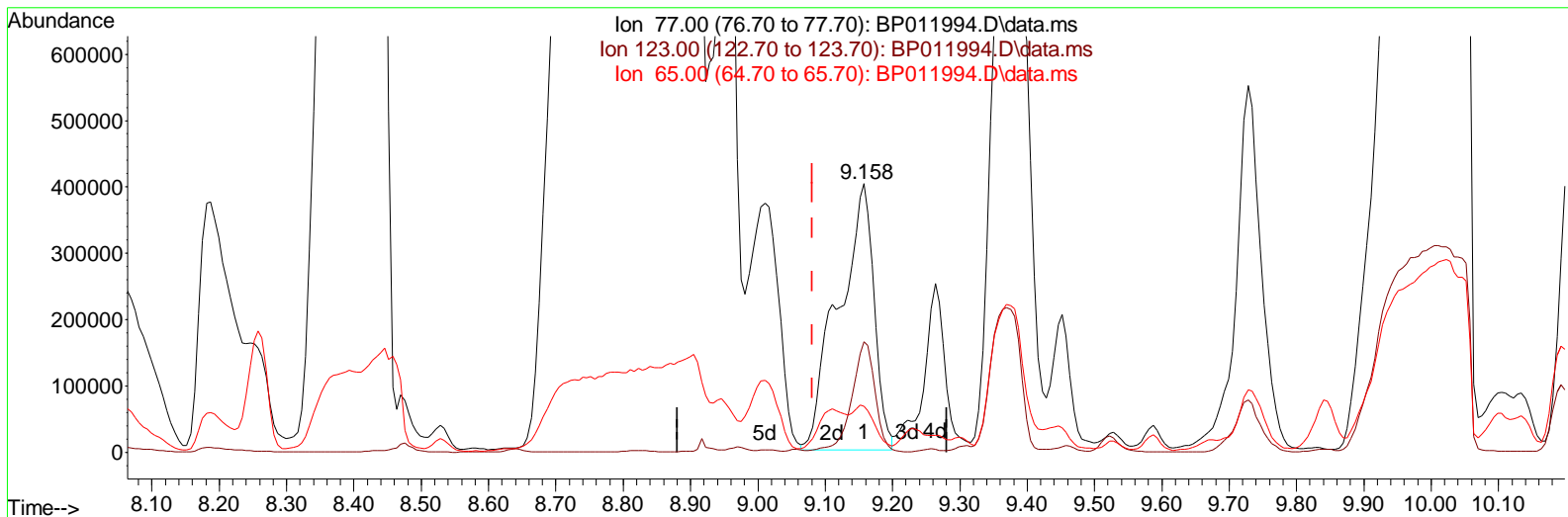
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(22) Nitrobenzene

9.158min (+ 0.077) 126.00 ng/ul m

response 1468524

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	52.00	41.11#
65.00	12.10	17.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Mi sc :  
 ALS Vial : 83 Sample Multi plier: 1

Instrument :

BNA\_P

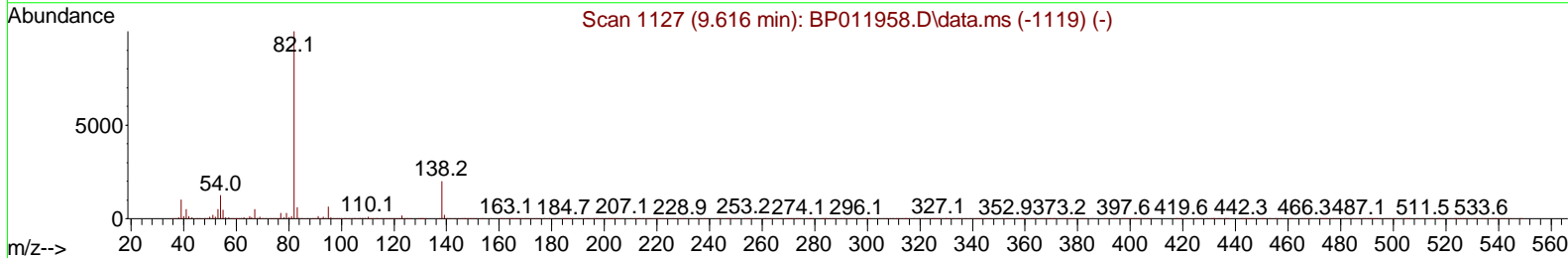
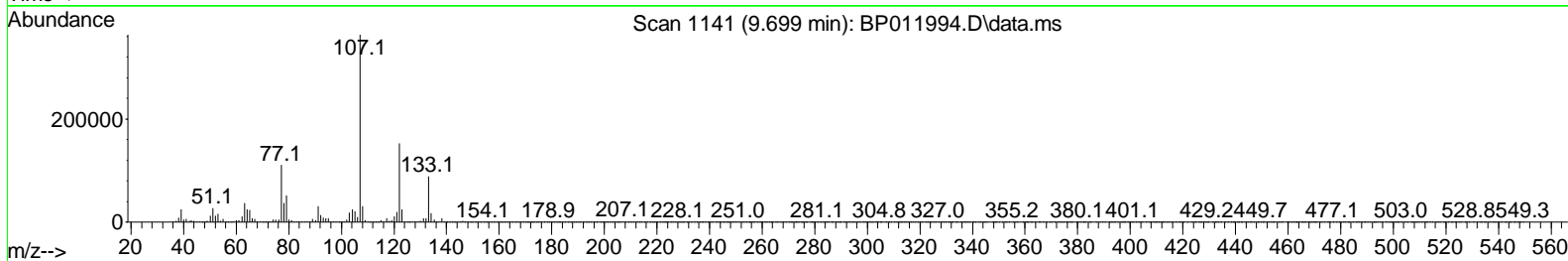
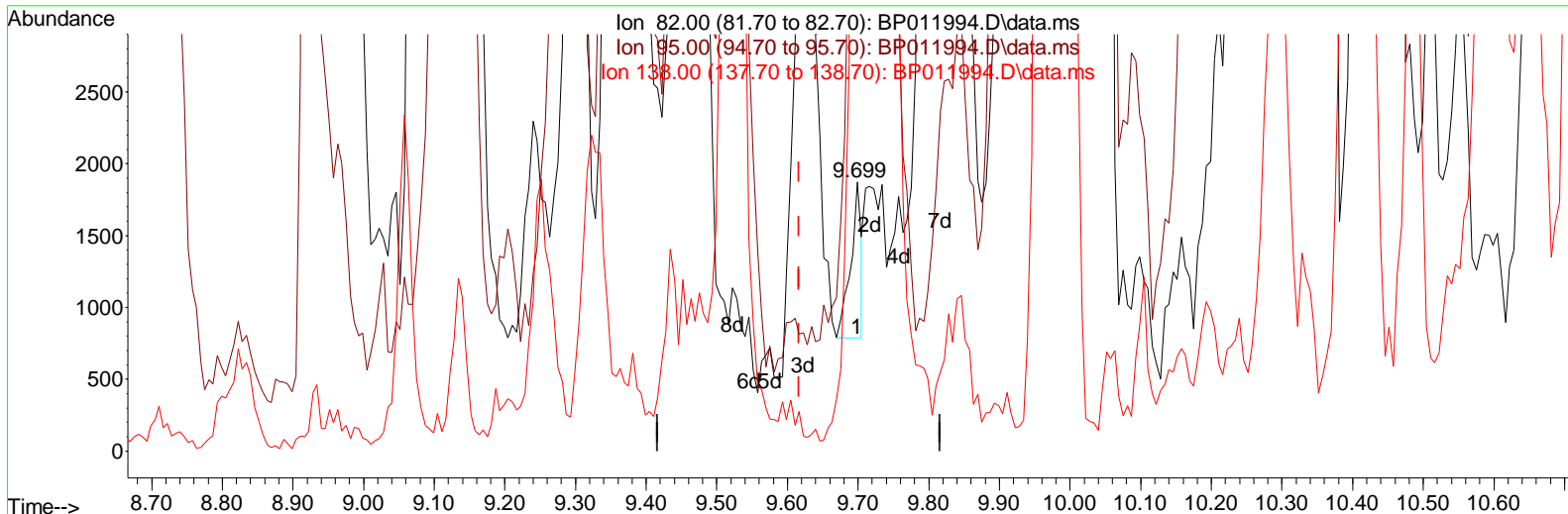
ClientSampleId :

E10007MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Ti tle : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Ini tial Cal i brati on



TIC: BP011994.D\data.ms

(23) Isophorone

9.699min (+ 0.082) 0.05 ng/ul

response 1138

Ion	Exp%	Act%
82.00	100.00	100.00
95.00	6.80	367.57#
138.00	19.80	386.16#
0.00	0.00	0.00

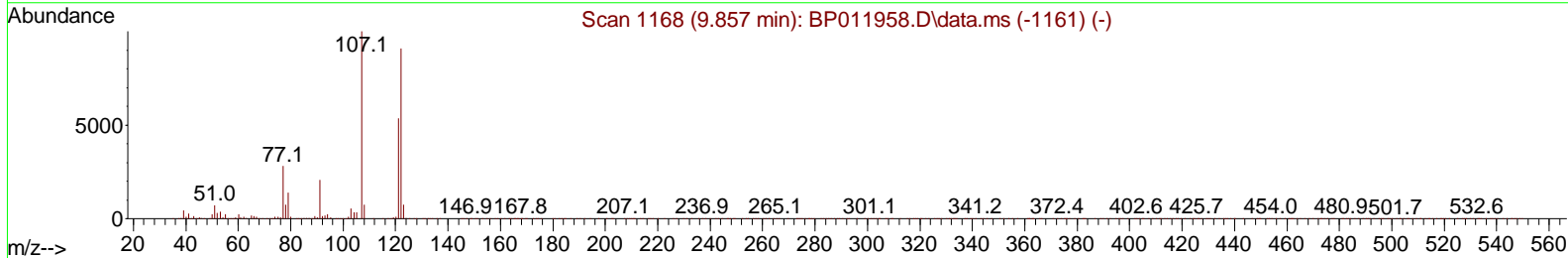
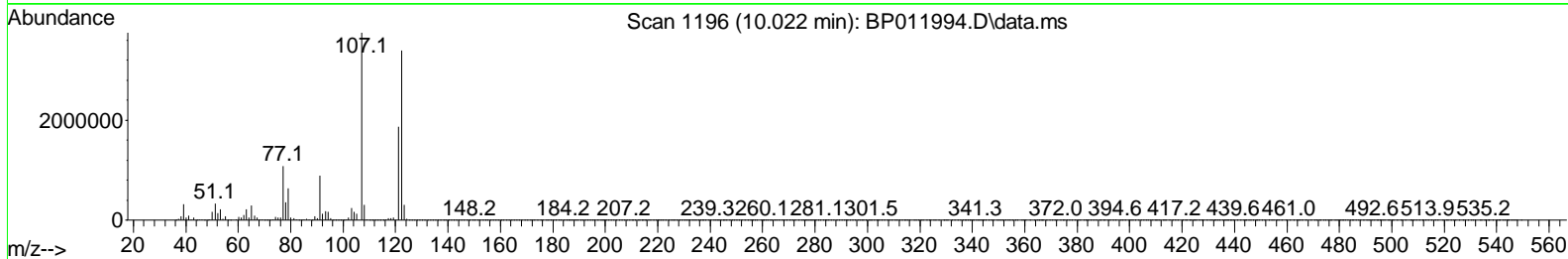
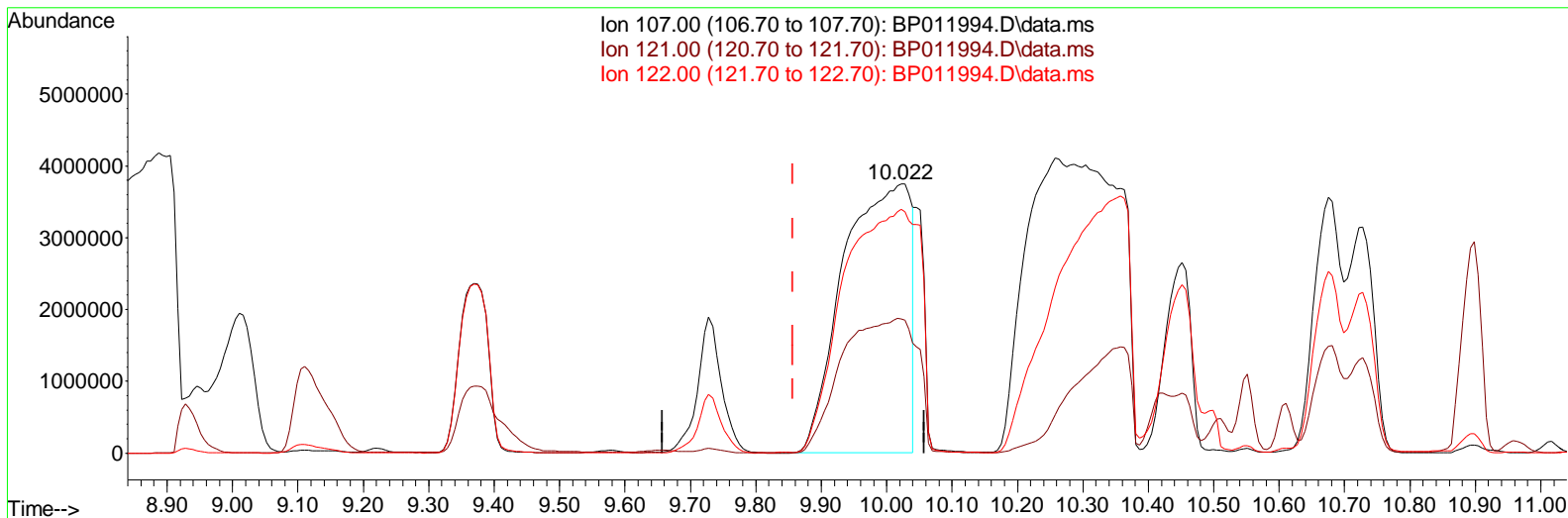
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 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(26) 2,4-Dimethylphenol

10.022min (+ 0.165) 2154.56 ng/ul

response 26801577

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	53.80	49.82
122.00	93.60	90.60
0.00	0.00	0.00

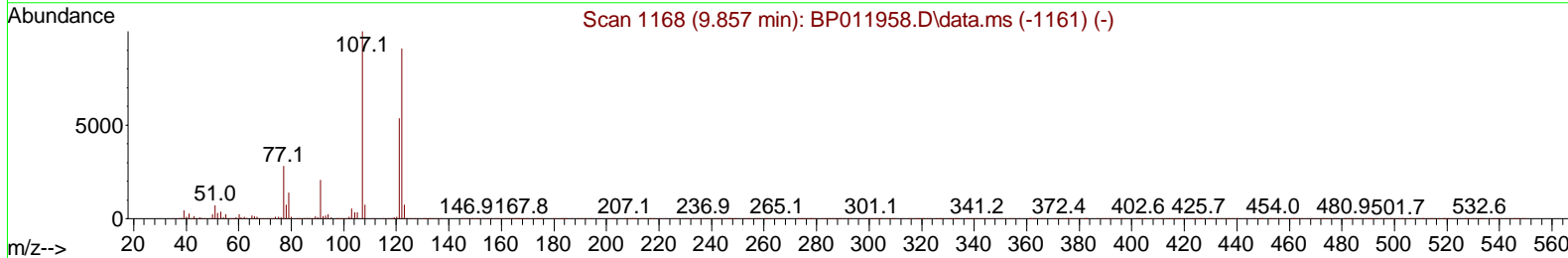
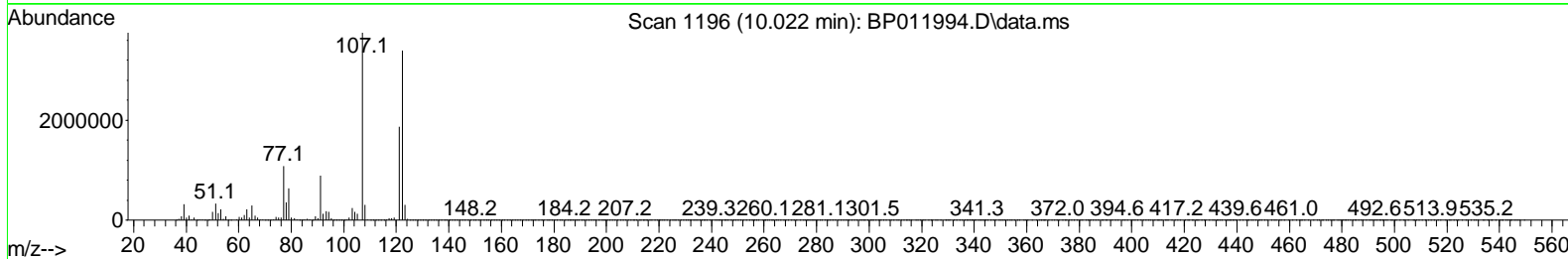
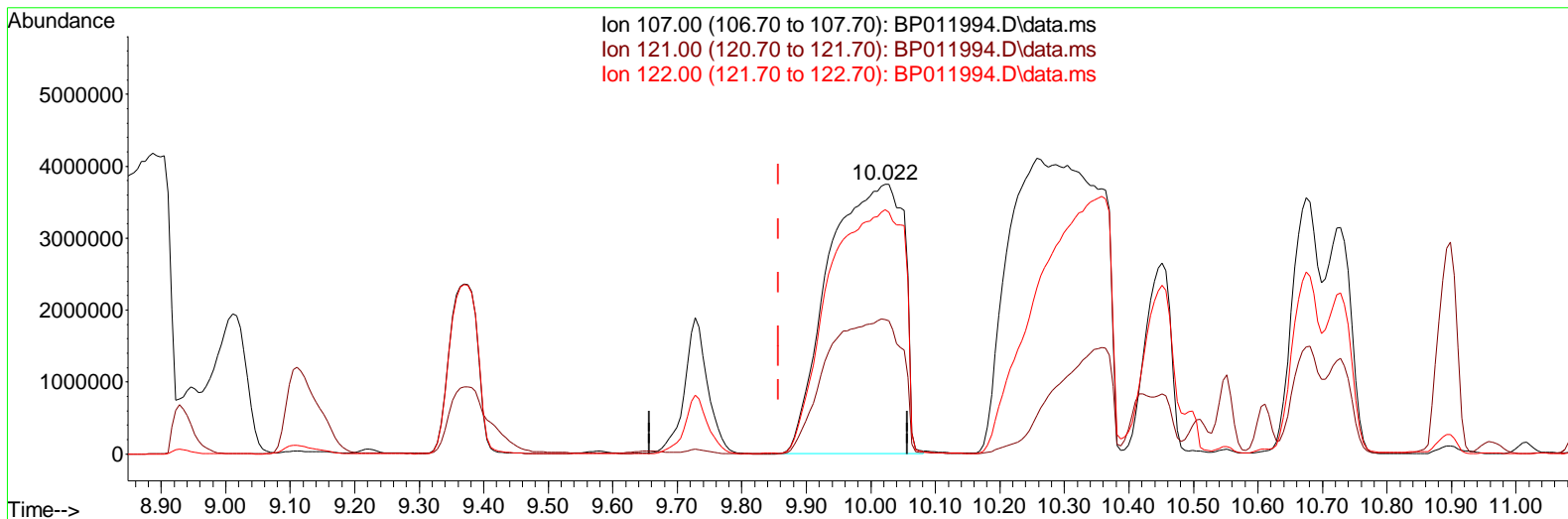
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(26) 2,4-Dimethylphenol

10.022min (+ 0.165) 2435.00 ng/ul m

response 30290127

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	53.80	49.82
122.00	93.60	90.60
0.00	0.00	0.00

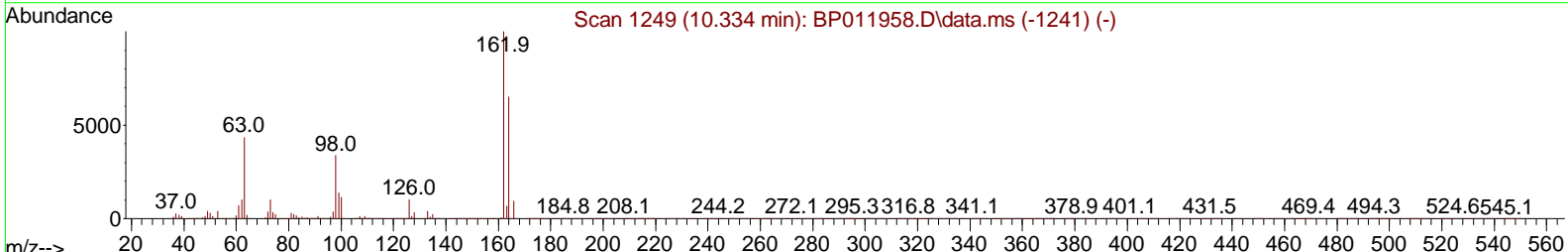
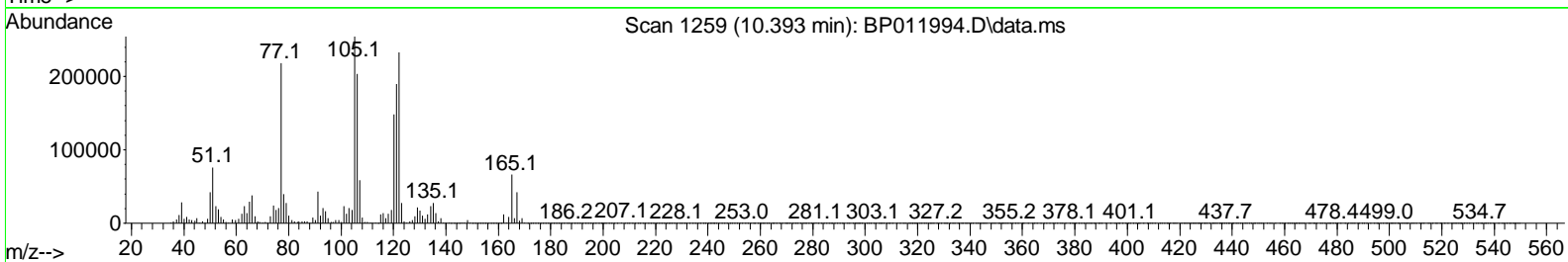
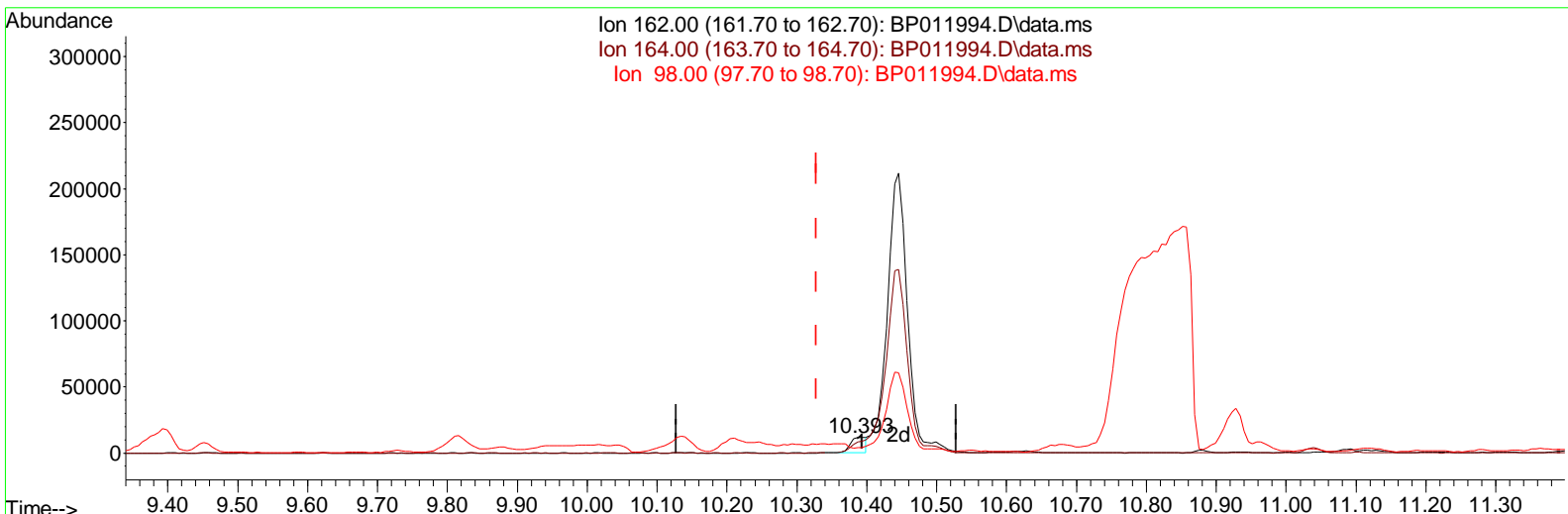
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.393min (+ 0.065) 1.75 ng/ul

response 19465

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	65.30	73.44
98.00	33.70	33.02
0.00	0.00	0.00

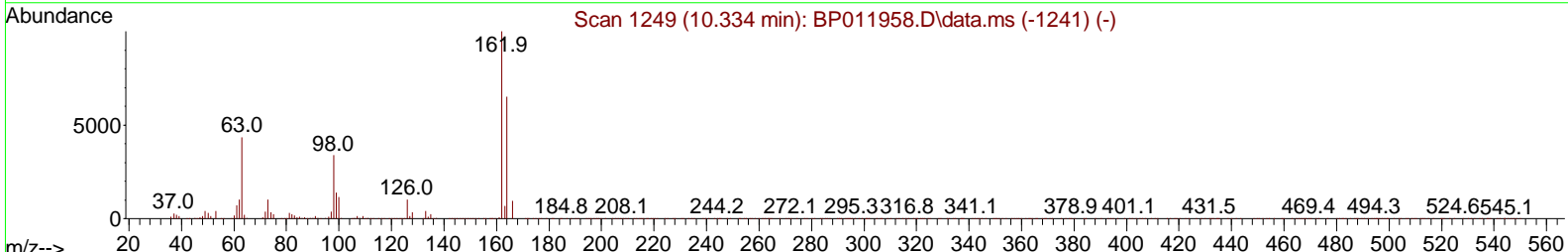
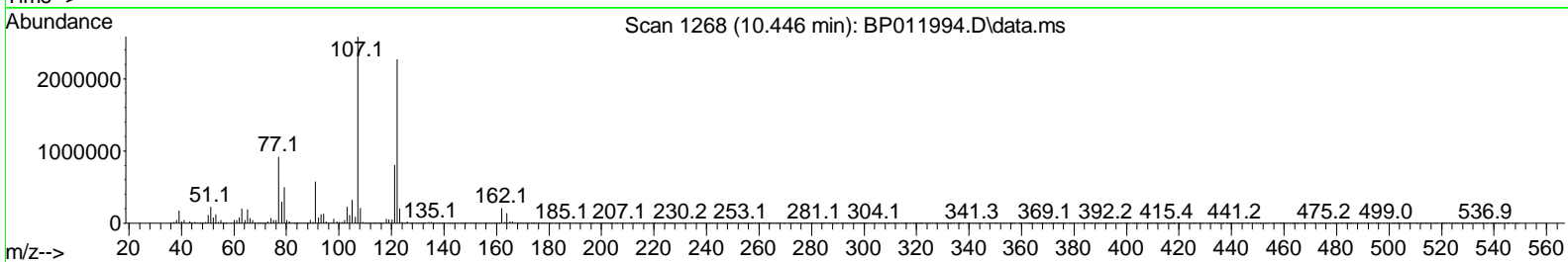
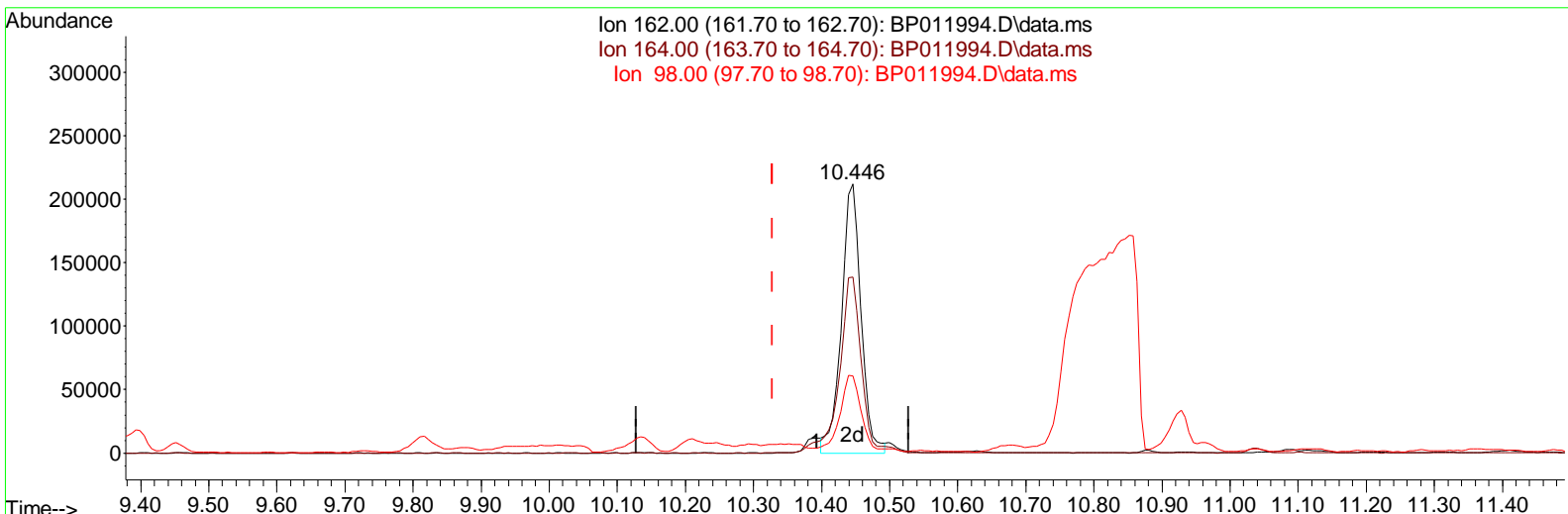
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Mi sc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Ti tle : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Ini tial Cal i brati on

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.446min (+ 0.118) 37.90 ng/ul m

response 421181

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	65.30	65.52
98.00	33.70	28.75
0.00	0.00	0.00

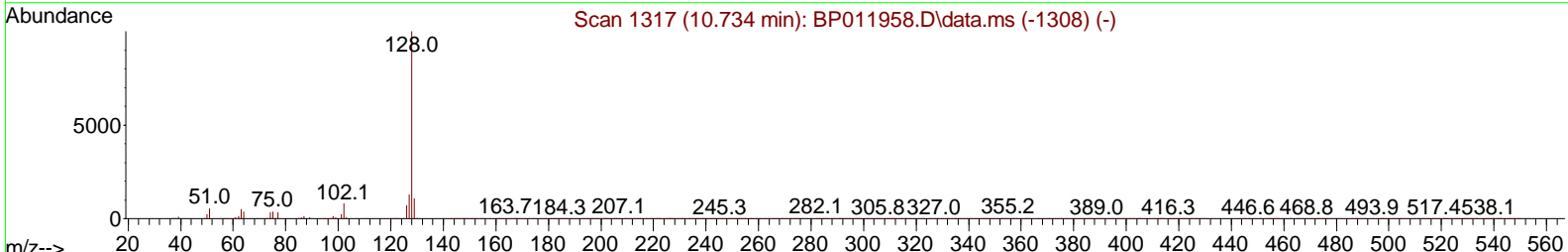
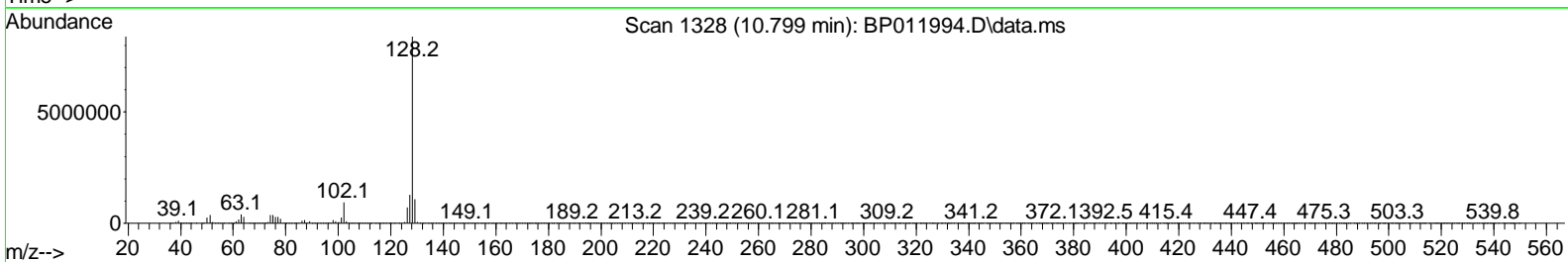
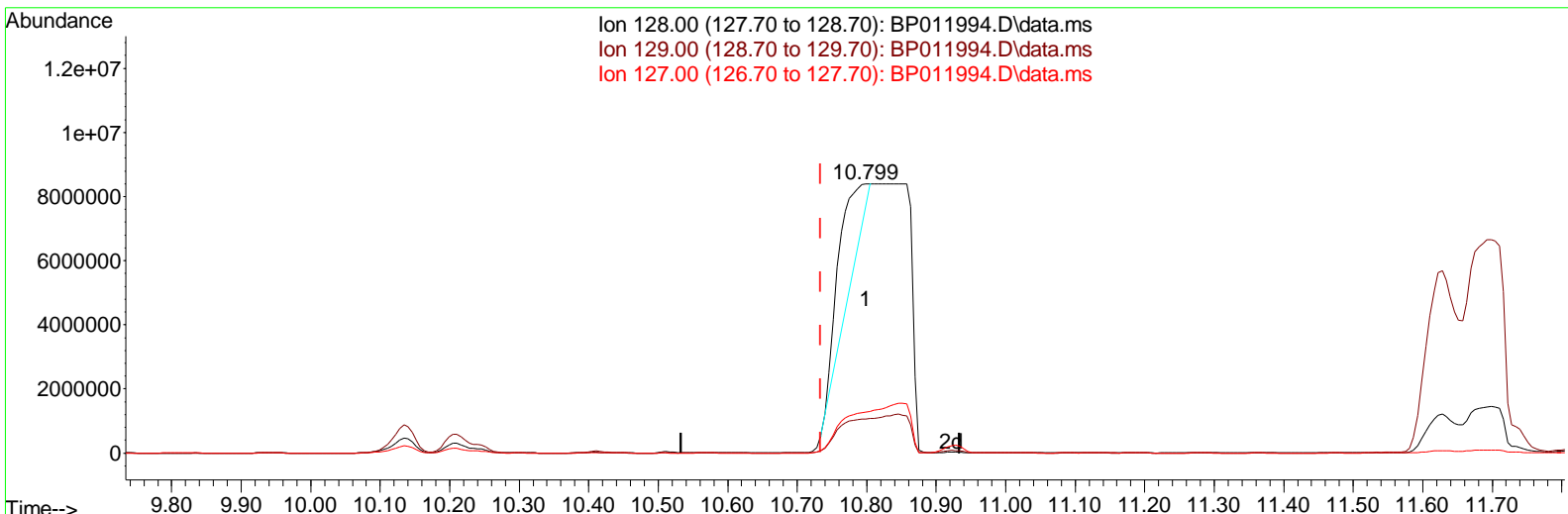
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(30) Naphthalene

10.799min (+ 0.065) 227.90 ng/u1

response 8708974

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.10	12.74
127.00	13.10	15.11
0.00	0.00	0.00



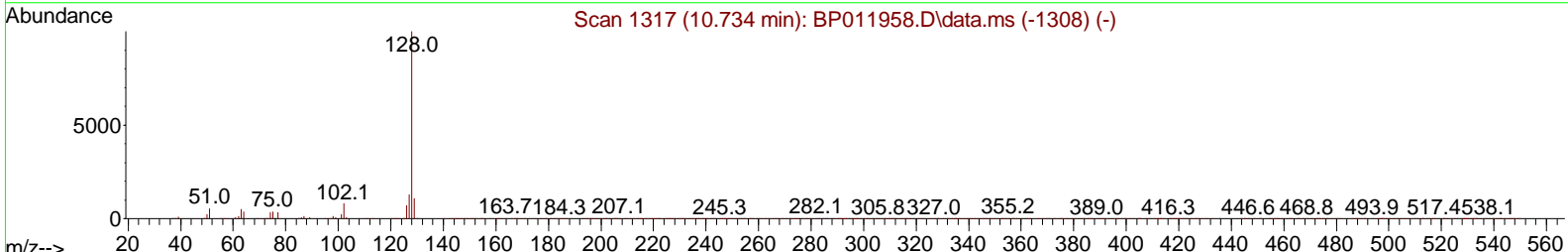
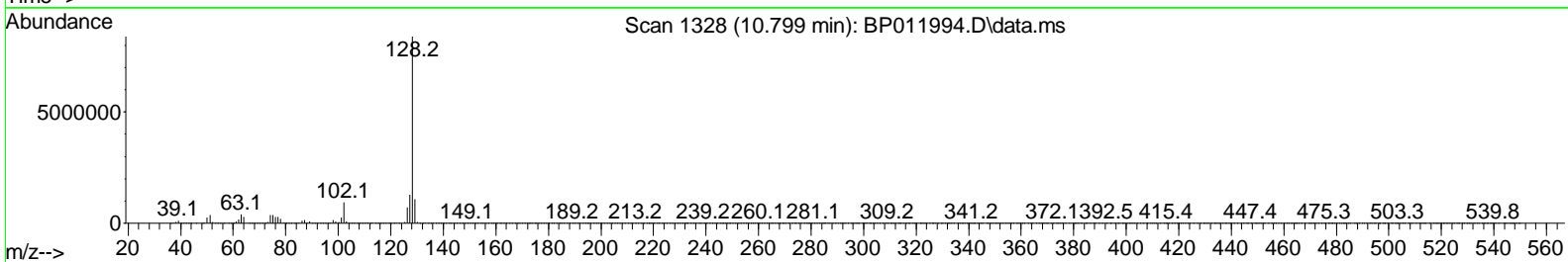
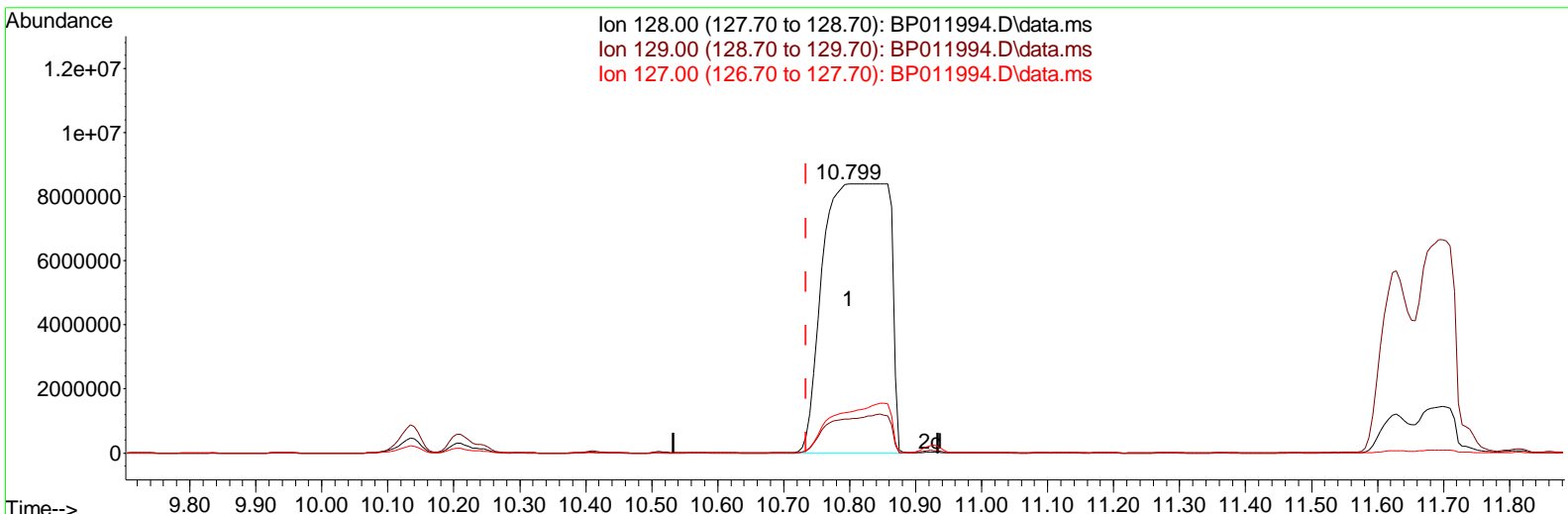
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(30) Naphthalene

10.799min (+ 0.065) 1514.96 ng/ul m

response 57891420

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.10	12.74
127.00	13.10	15.11
0.00	0.00	0.00

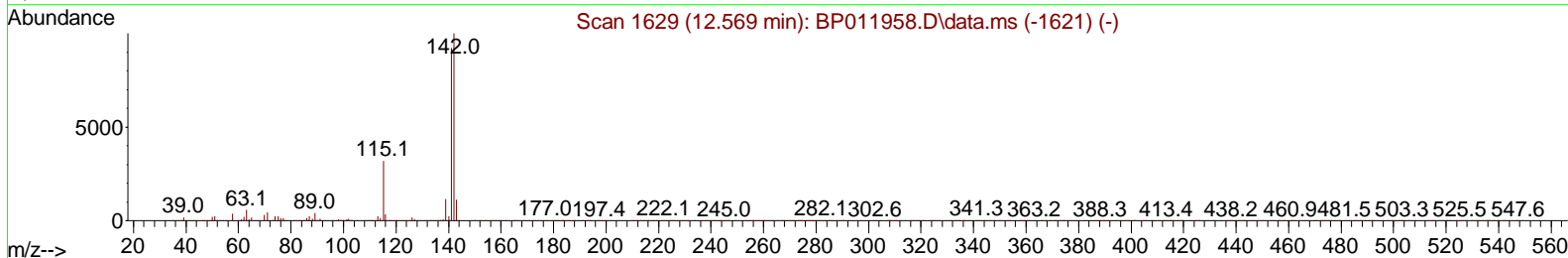
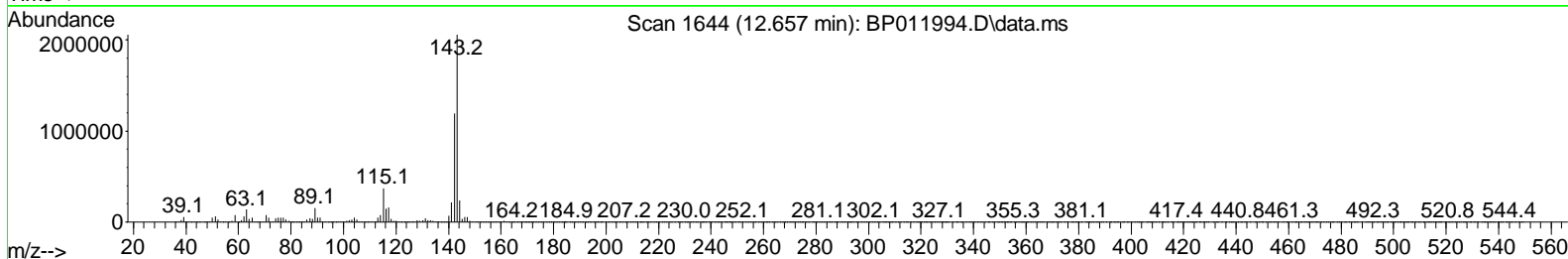
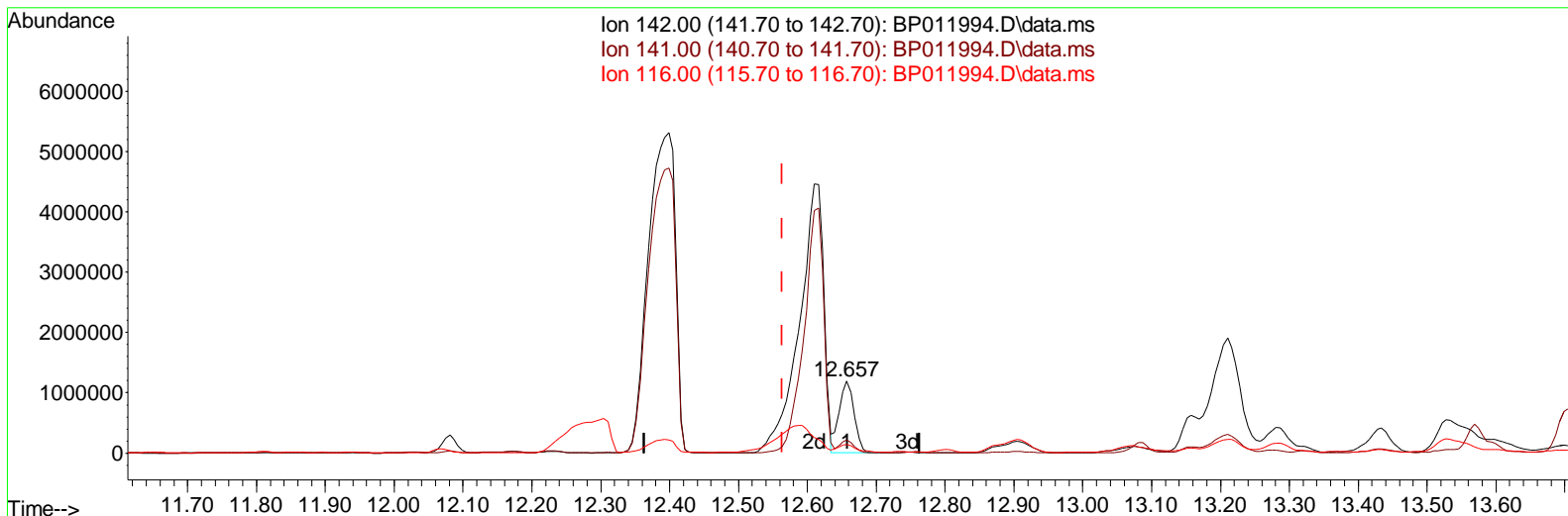
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

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Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

**(37) 1-Methylnaphthalene**

12.657min (+ 0.094) 67.54 ng/ul

response 1808682

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.50	18.06#
116.00	3.60	12.33#
0.00	0.00	0.00

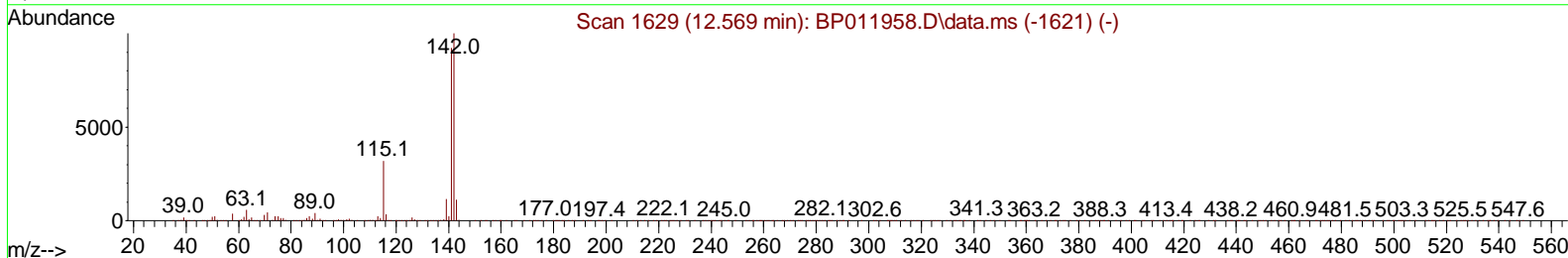
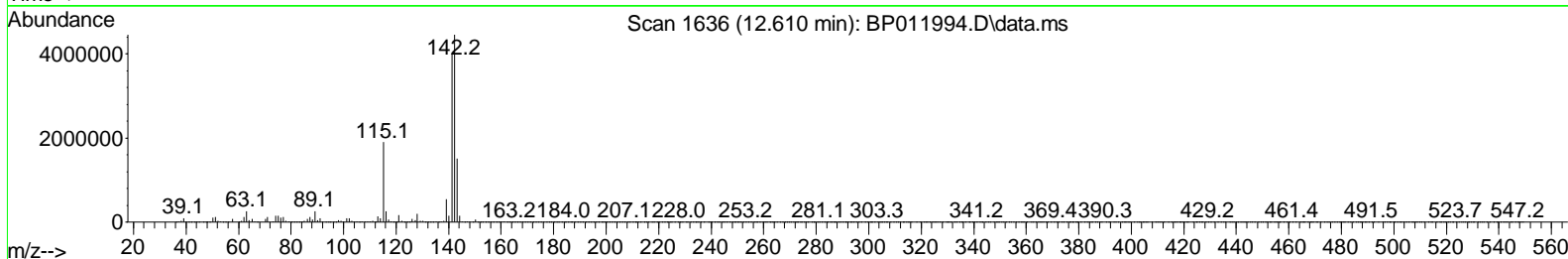
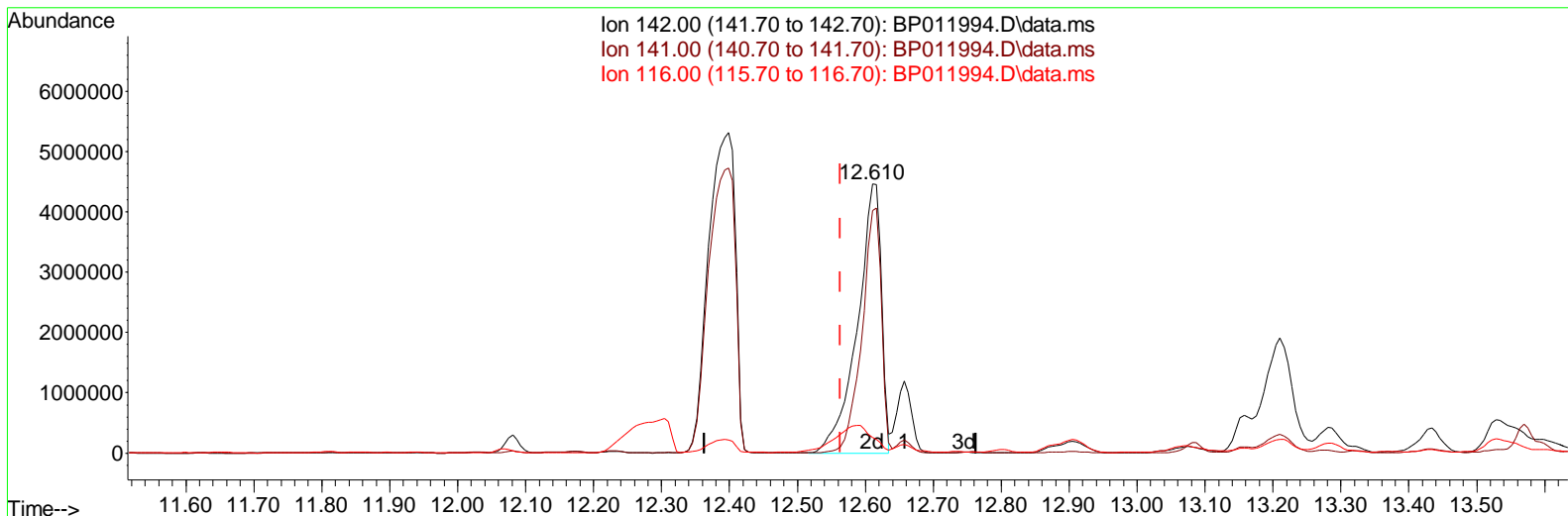
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(37) 1-Methylnaphthalene

12.610min (+ 0.047) 408.34 ng/ul m

response 10934356

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.50	90.14
116.00	3.60	5.81#
0.00	0.00	0.00

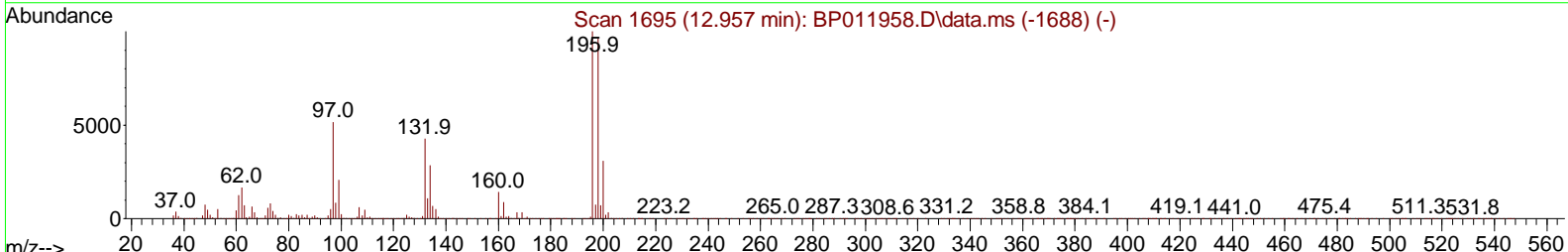
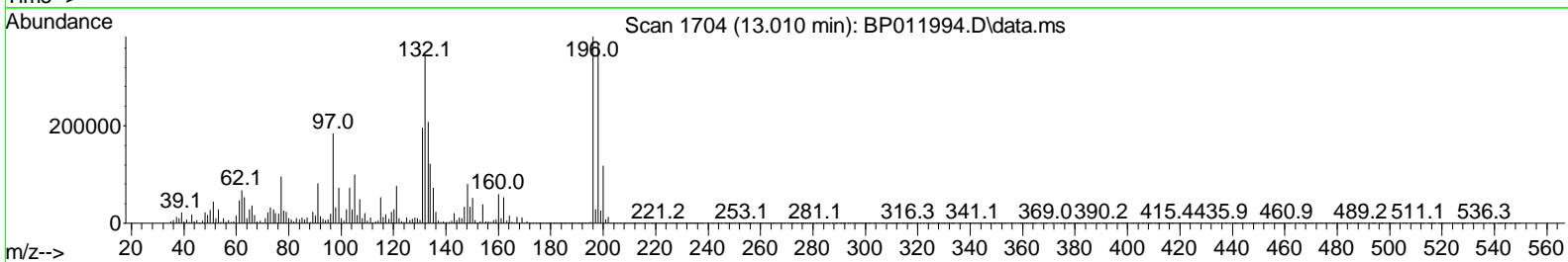
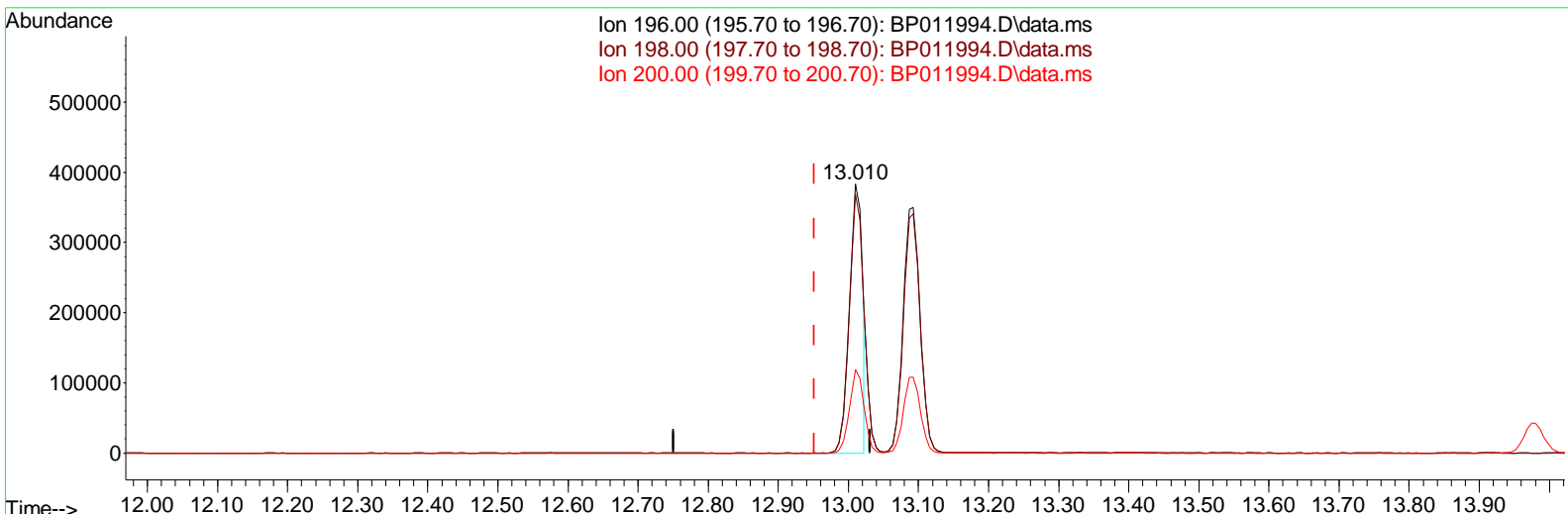
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

13.010min (+ 0.059) 33.08 ng/ul

response 508026

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	98.40	96.29
200.00	30.60	30.95
0.00	0.00	0.00

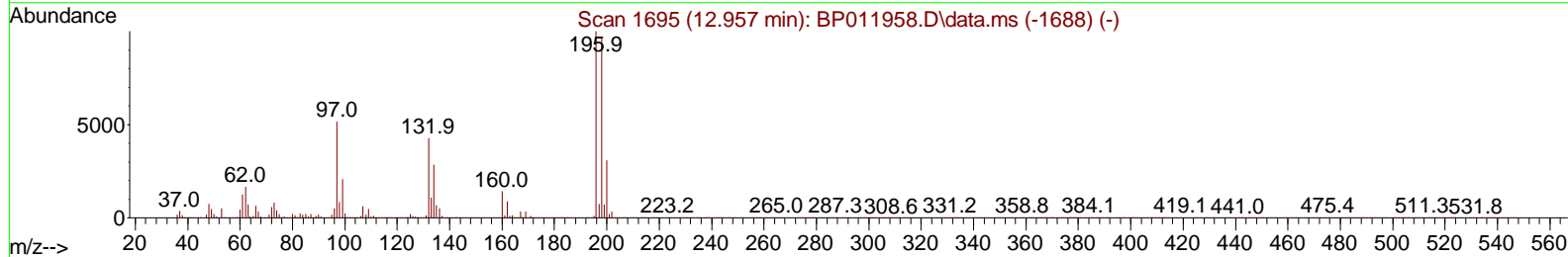
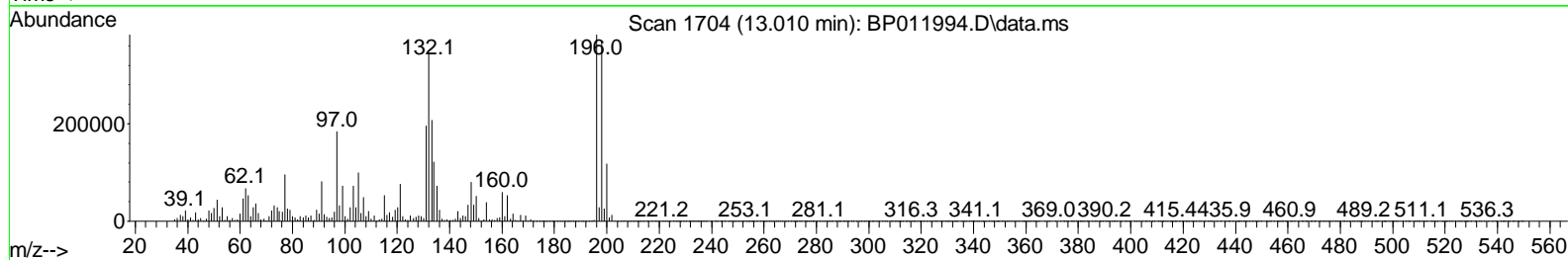
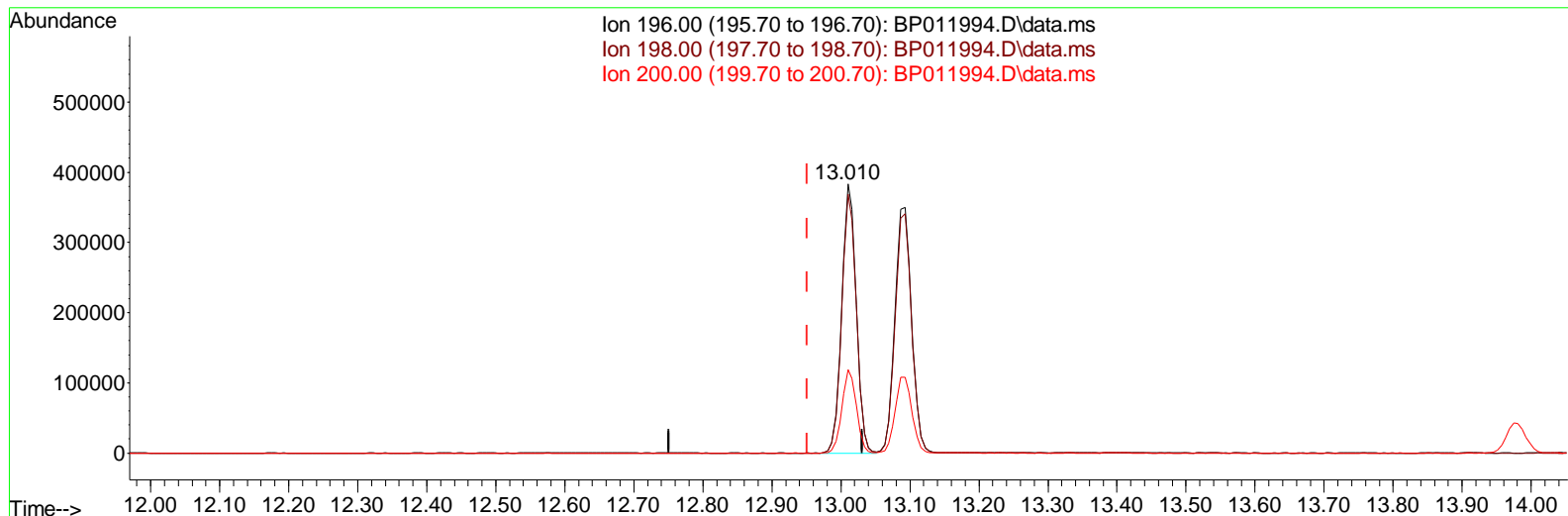
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Mi sc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Ti tle : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Ini tial Cal i brati on



TIC: BP011994.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

13.010min (+ 0.059) 36.13 ng/ul m

response 555025

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	98.40	96.29
200.00	30.60	30.95
0.00	0.00	0.00

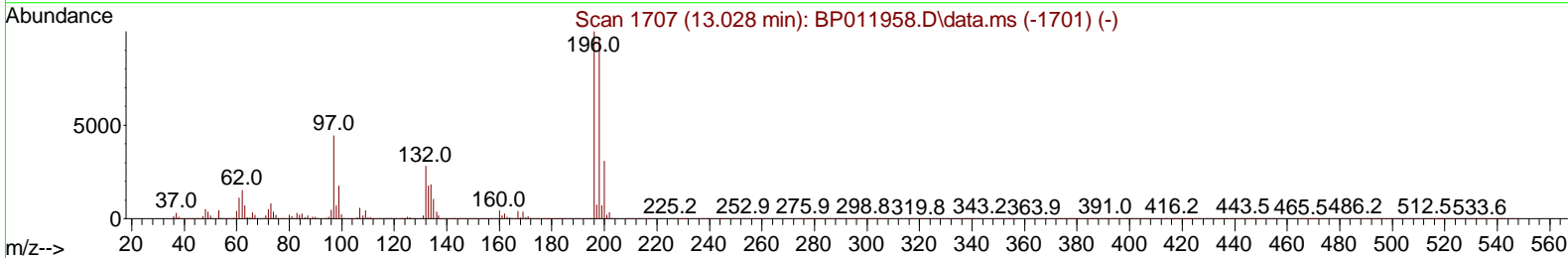
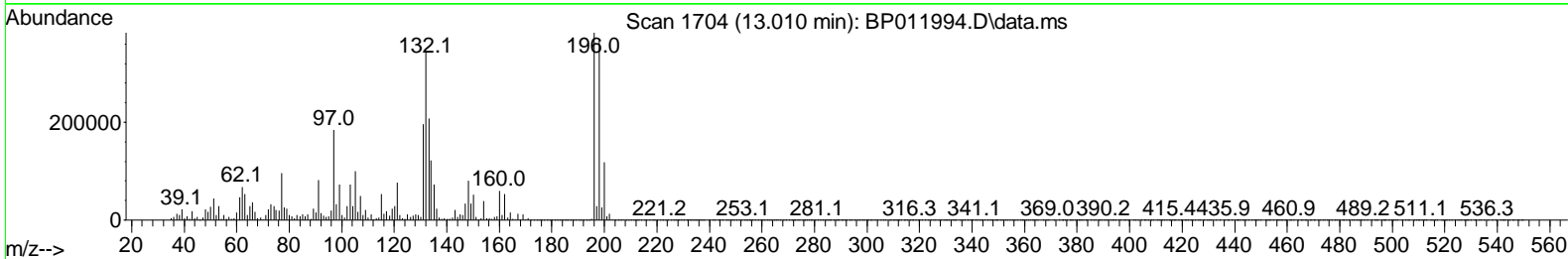
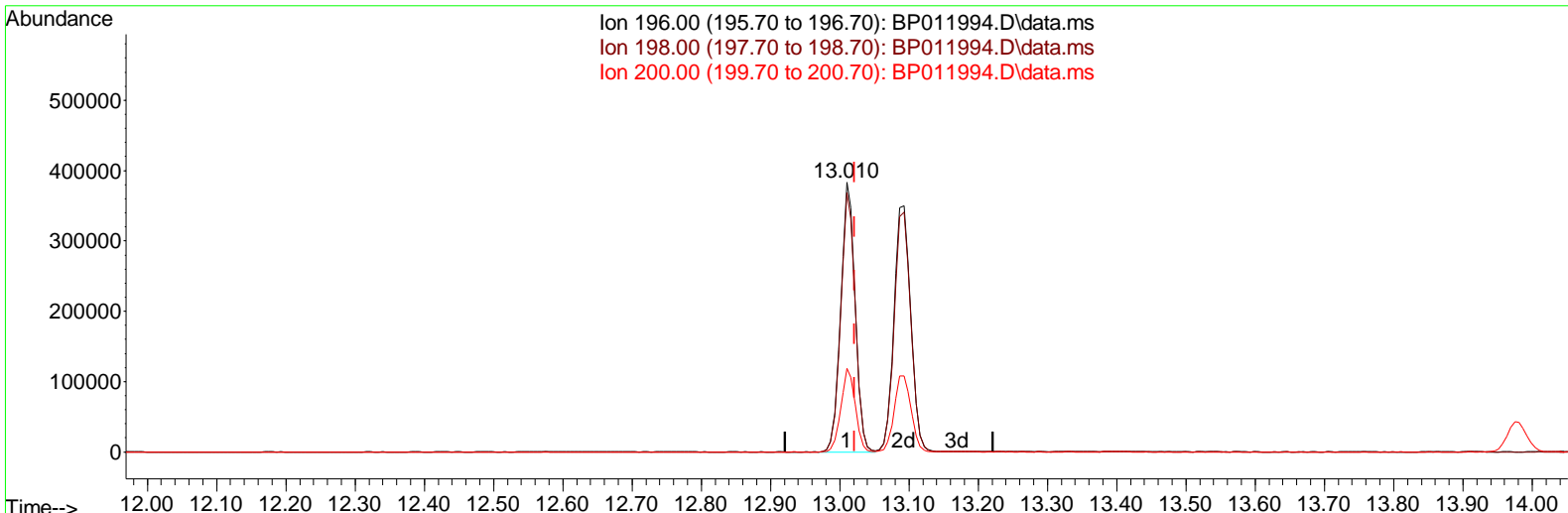
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(42) 2,4,5-Trichlorophenol

13.010min (-0.012) 33.15 ng/ul

response 554694

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	95.70	96.29
200.00	32.00	30.95
0.00	0.00	0.00

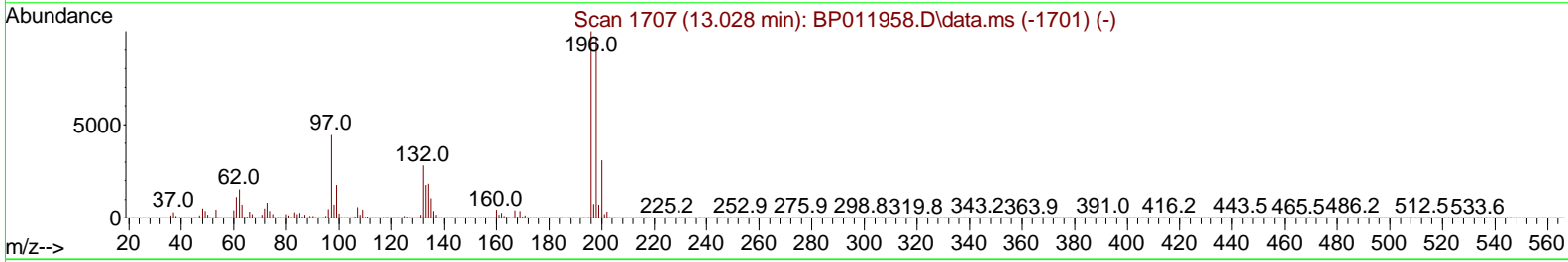
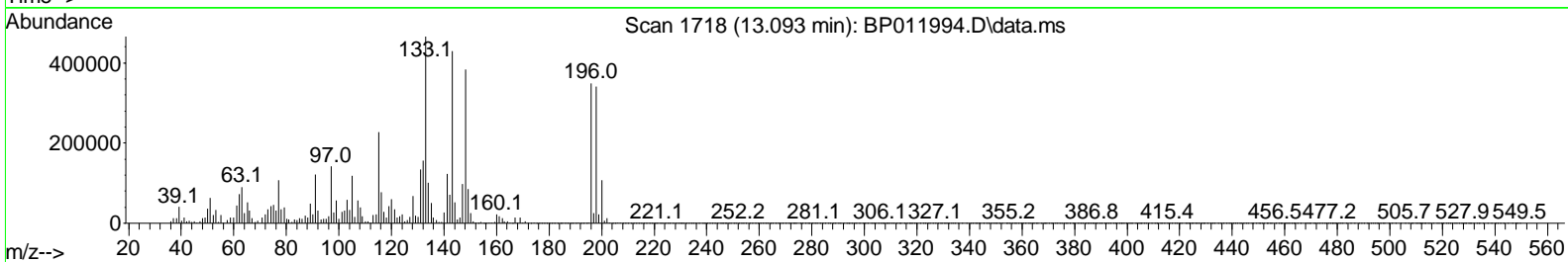
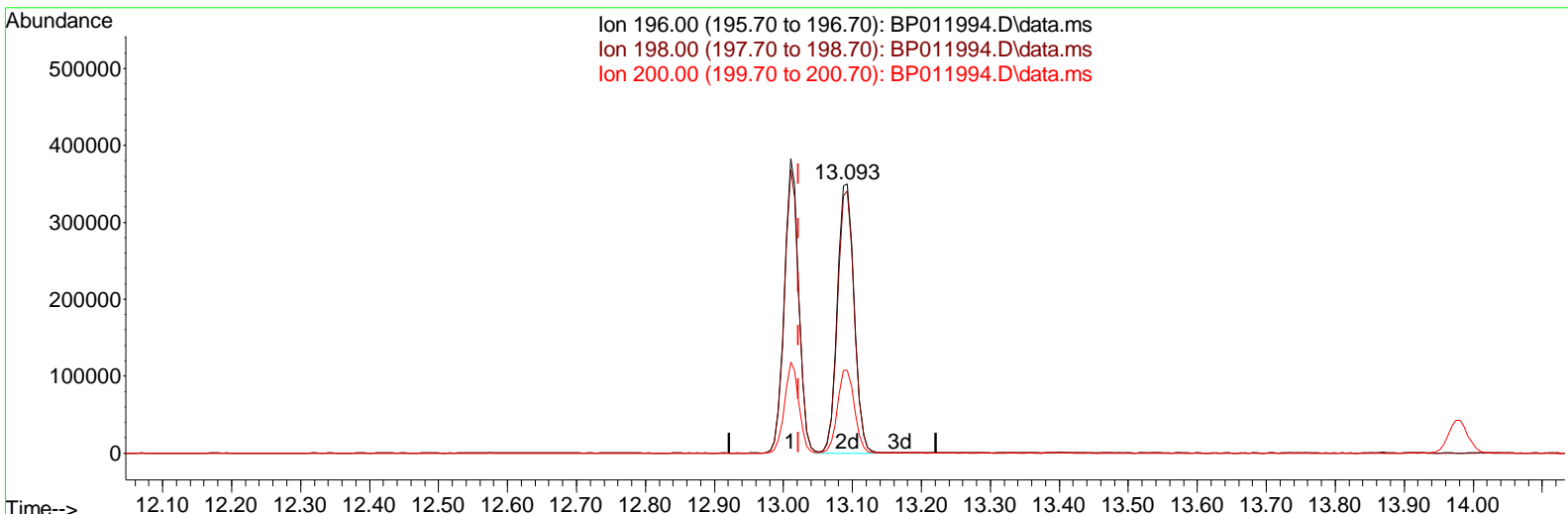
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(42) 2,4,5-Trichlorophenol

13.093min (+ 0.071) 35.31 ng/ul m

response 590863

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	95.70	97.56
200.00	32.00	30.79
0.00	0.00	0.00

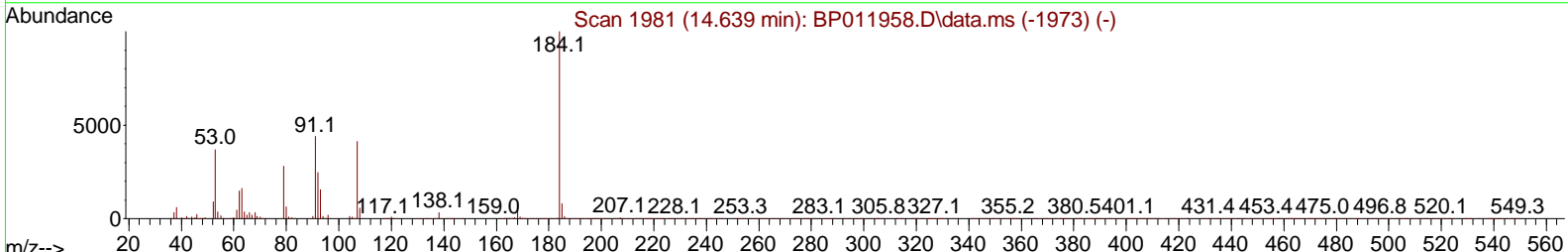
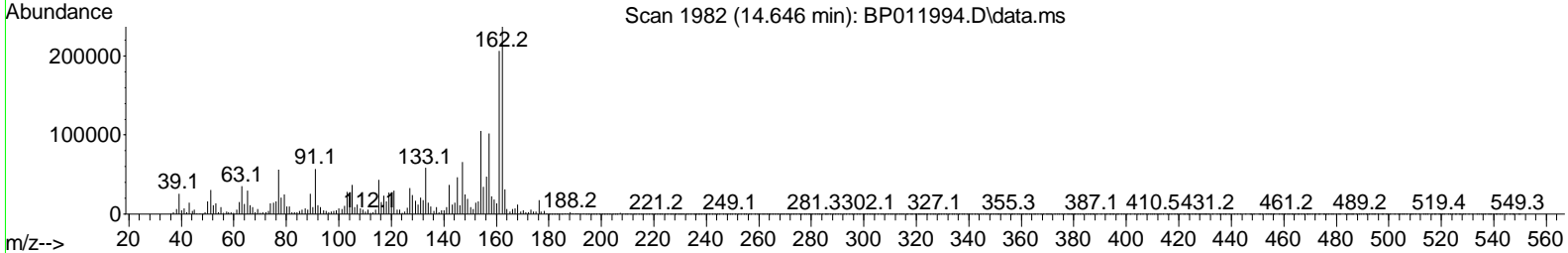
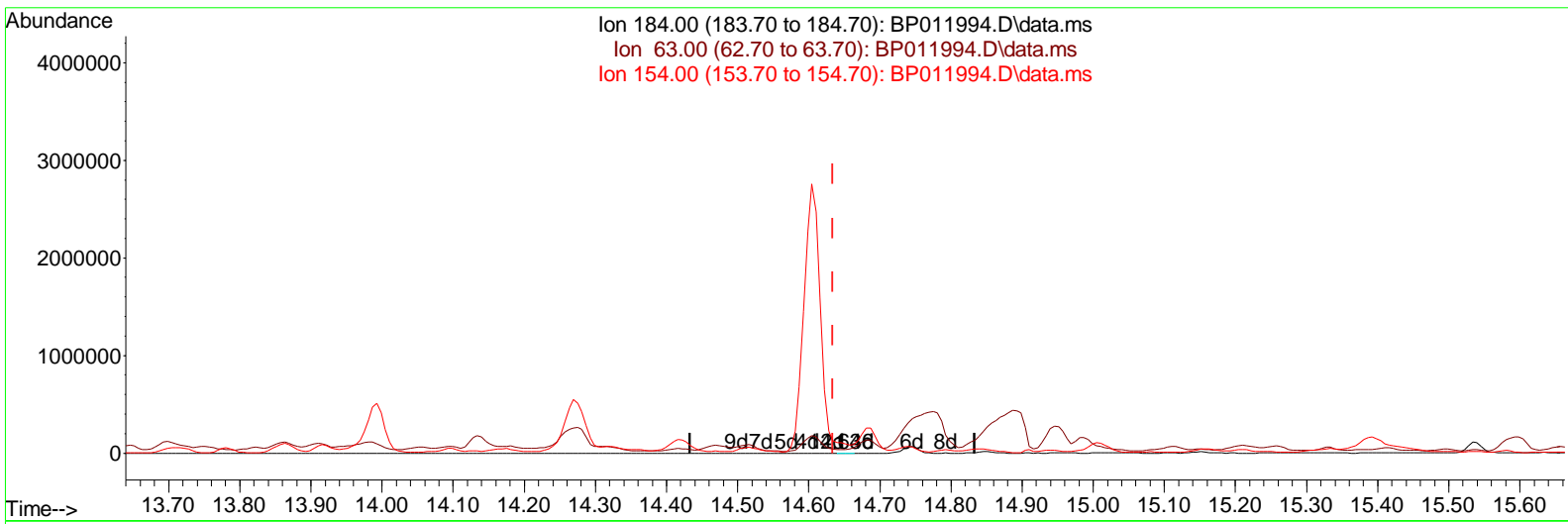
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(53) 2,4-Dinitrophenol

14.646min (+ 0.012) 0.03 ng/ul

response 255

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	55.30	6262.46#
154.00	57.20	18487.02#
0.00	0.00	0.00



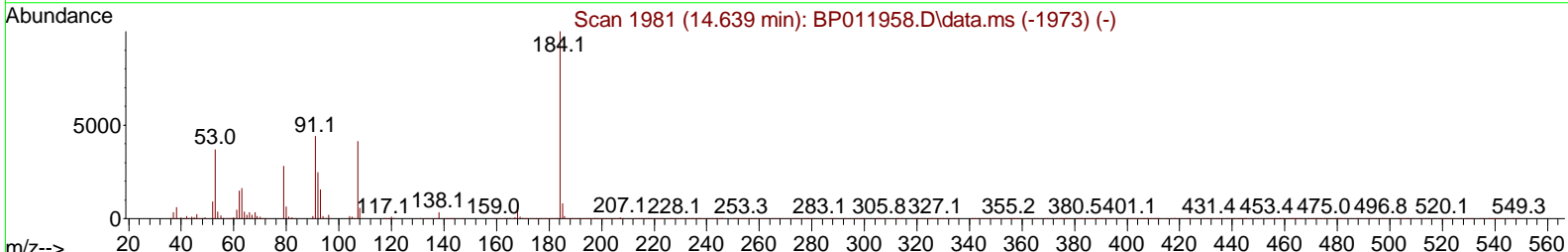
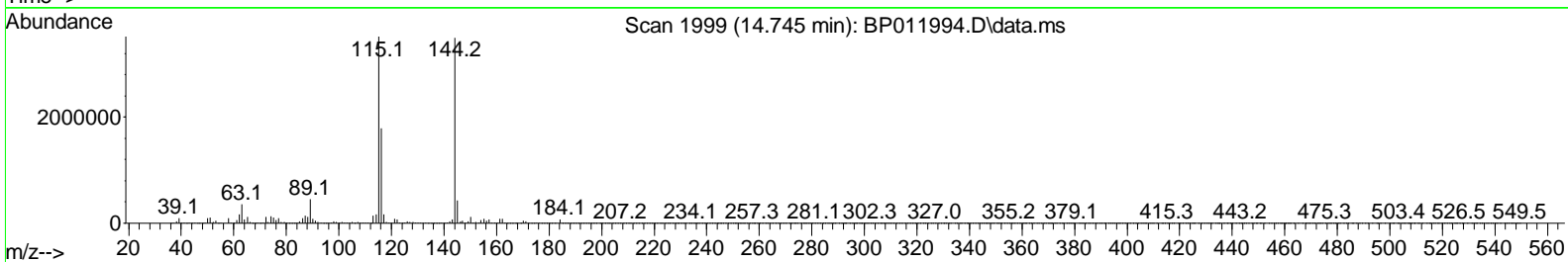
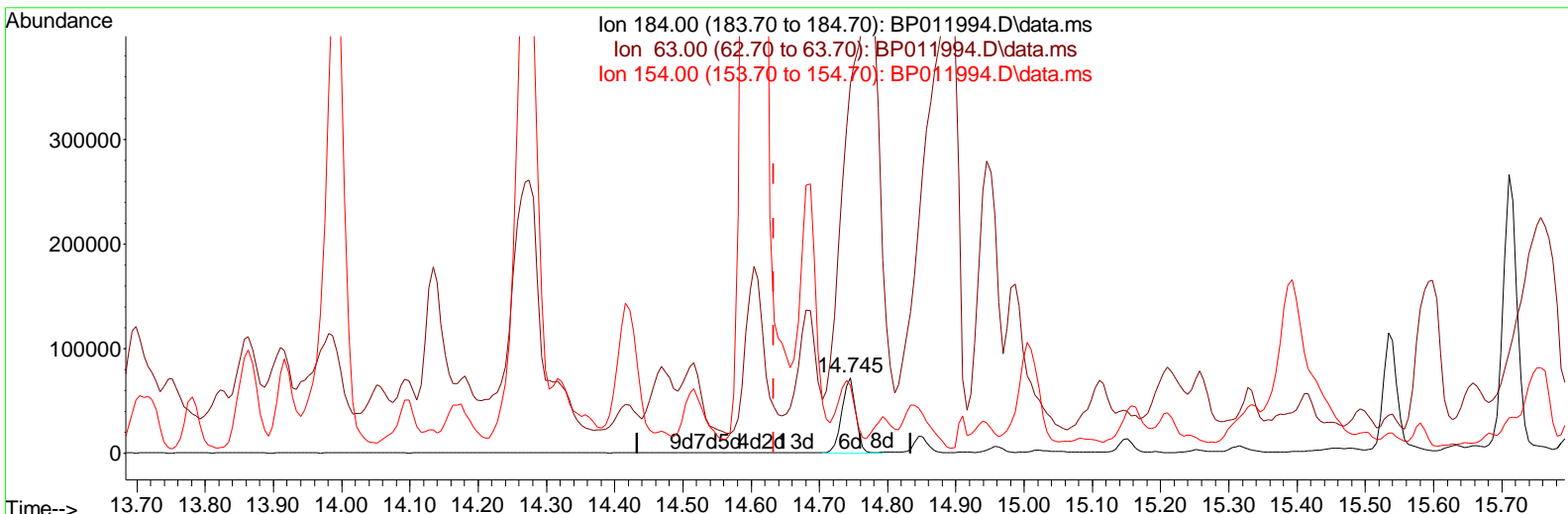
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05: 27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05: 57: 04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022. M  
 Quant Title : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03: 22: 44 2022  
 Response via : Ini tial Cal i brati on



TIC: BP011994.D\data.ms

(53) 2,4-Dinitrophenol

14.745min (+ 0.112) 13.00 ng/ul m

response 101828

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	55.30	490.45#
154.00	57.20	89.82#
0.00	0.00	0.00

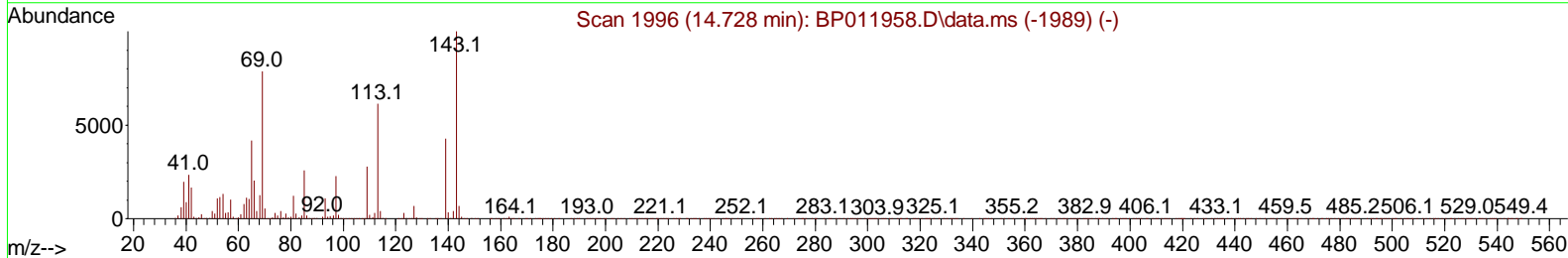
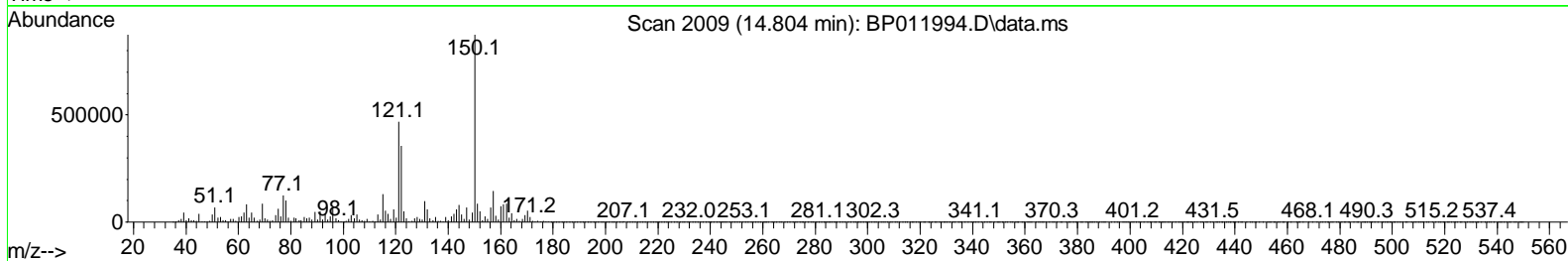
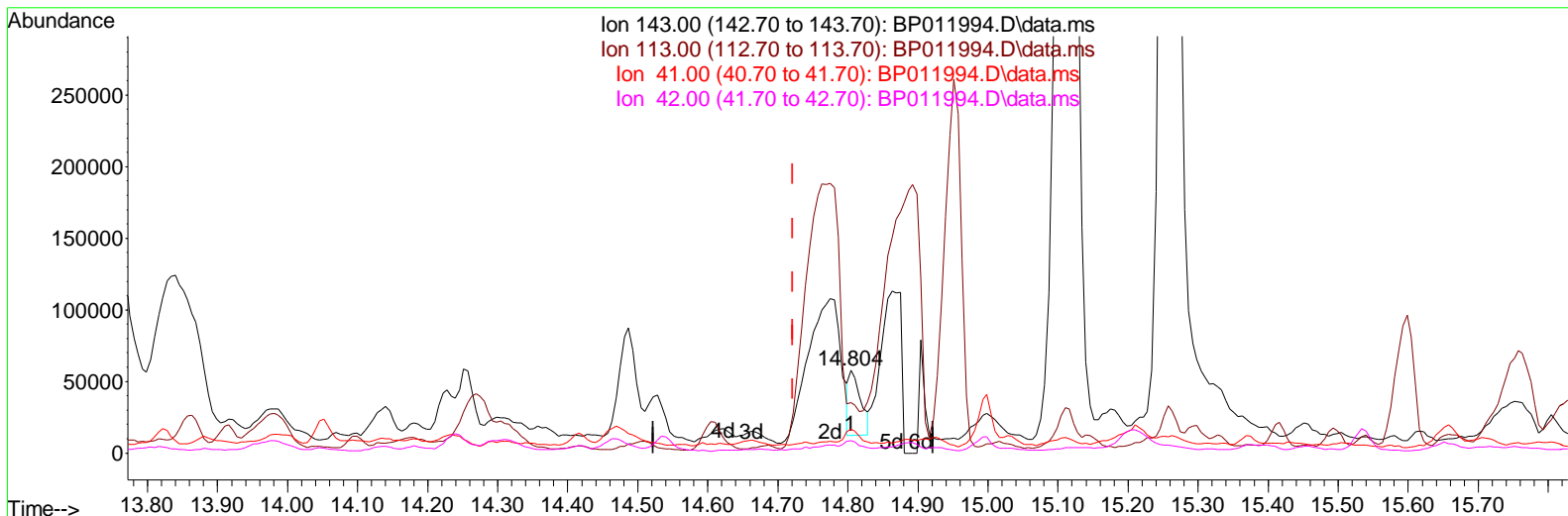
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.804min (+ 0.082) 4.47 ng/ul

response 52398

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	59.80	60.91
41.00	24.20	28.60
42.00	16.40	15.16

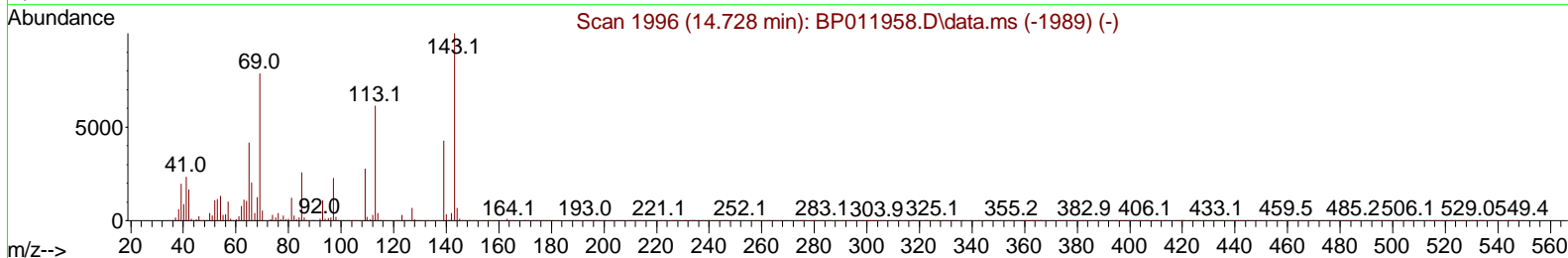
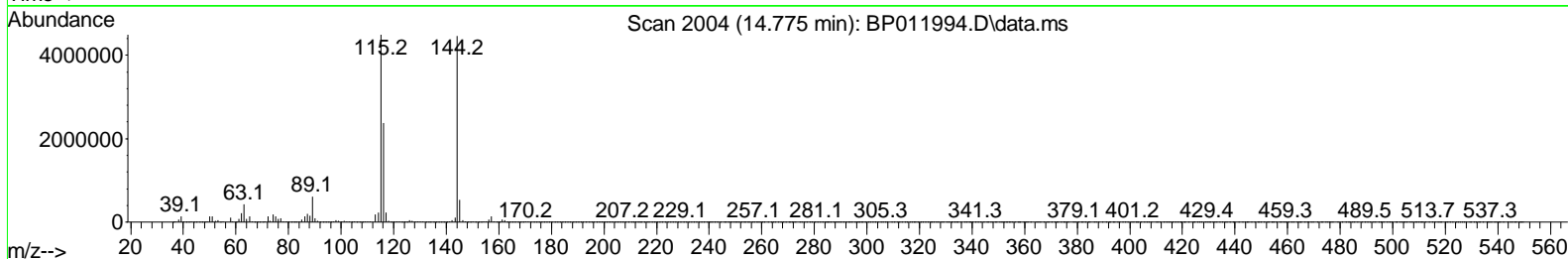
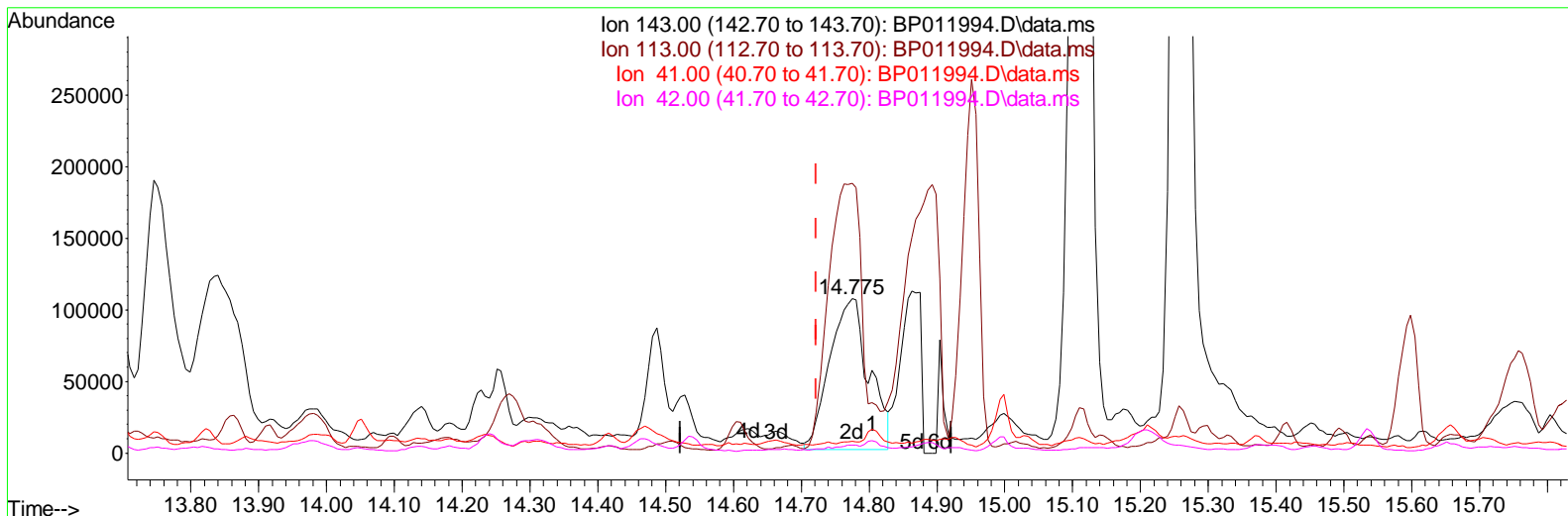
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.775min (+ 0.053) 36.25 ng/ul m

response 424673

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	59.80	175.06#
41.00	24.20	7.47#
42.00	16.40	5.09#

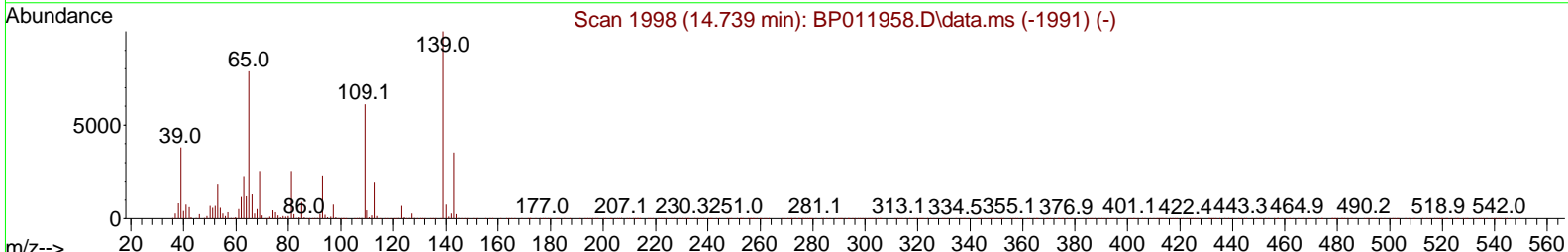
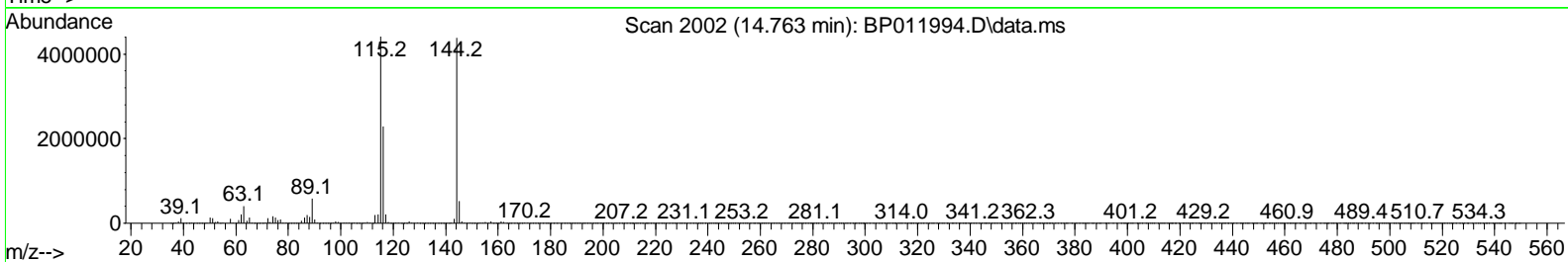
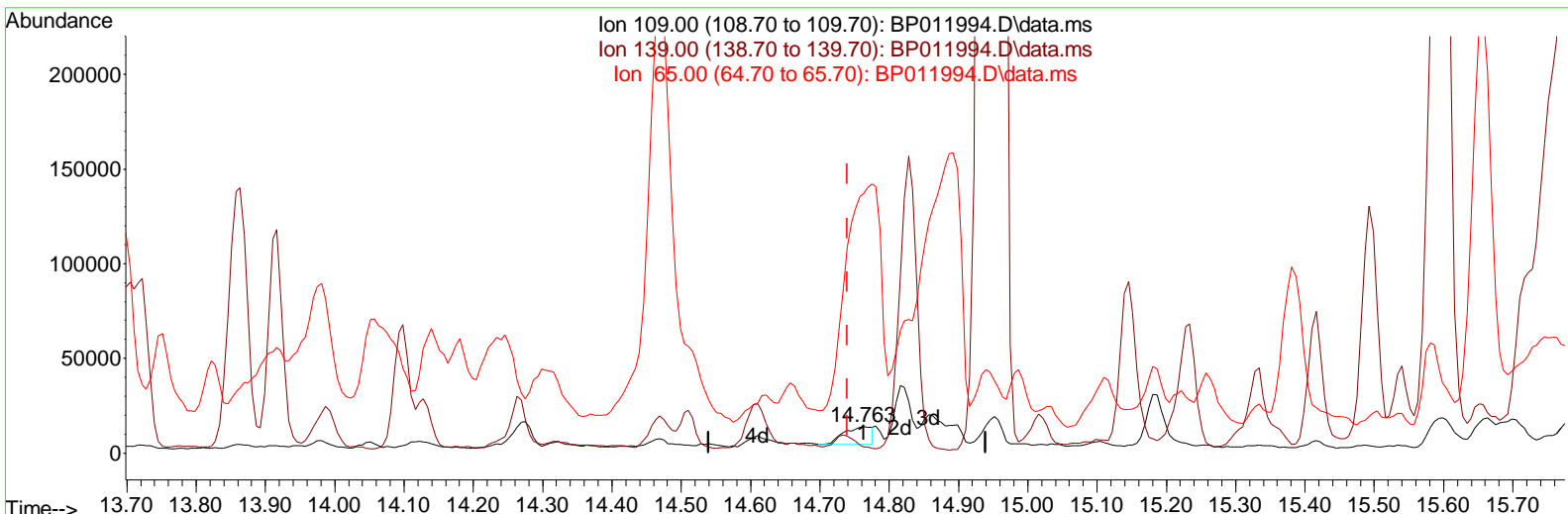
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(55) 4-Nitrophenol

14.763min (+ 0.024) 3.38 ng/ul

response 26718

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	156.30	23.04#
65.00	127.40	976.63#
0.00	0.00	0.00

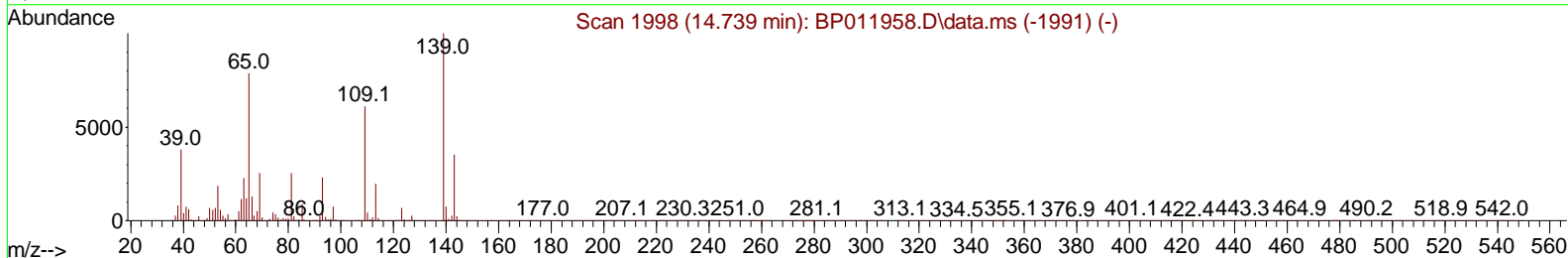
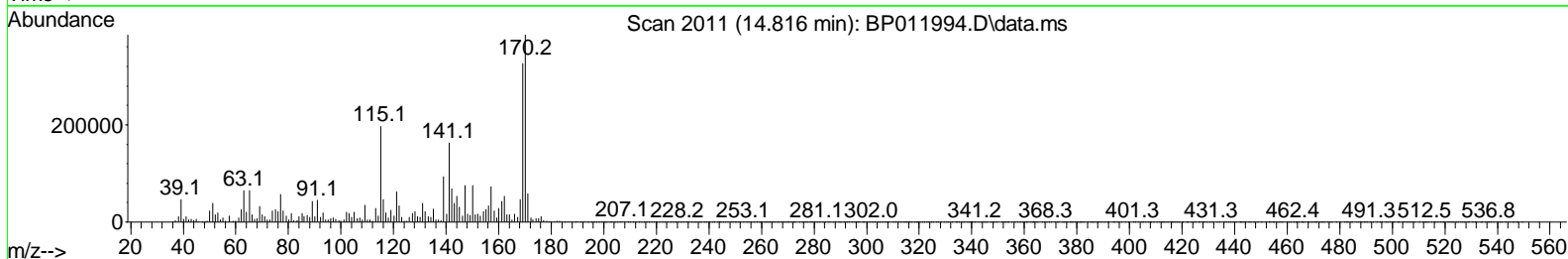
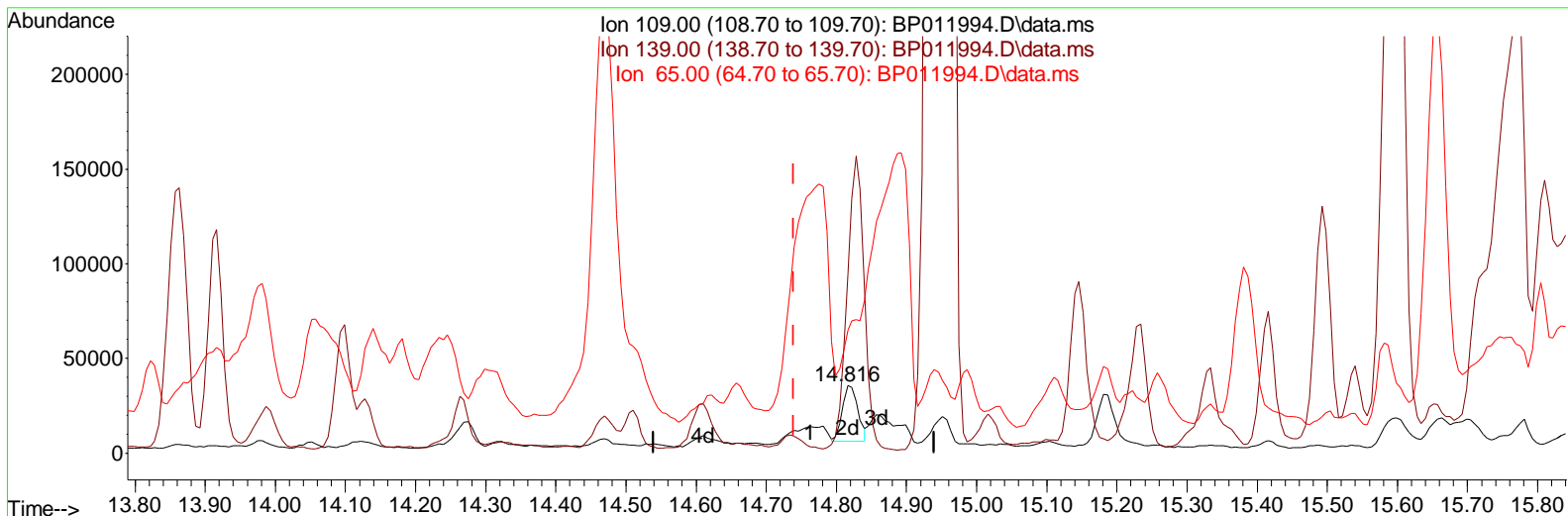
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(55) 4-Nitrophenol

14.816min (+ 0.077) 5.72 ng/ul m

response 45236

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	156.30	265.87#
65.00	127.40	182.06#
0.00	0.00	0.00

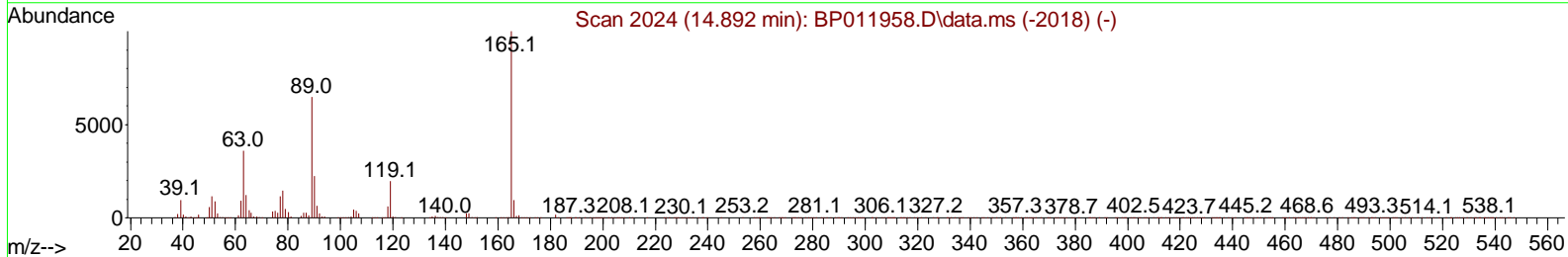
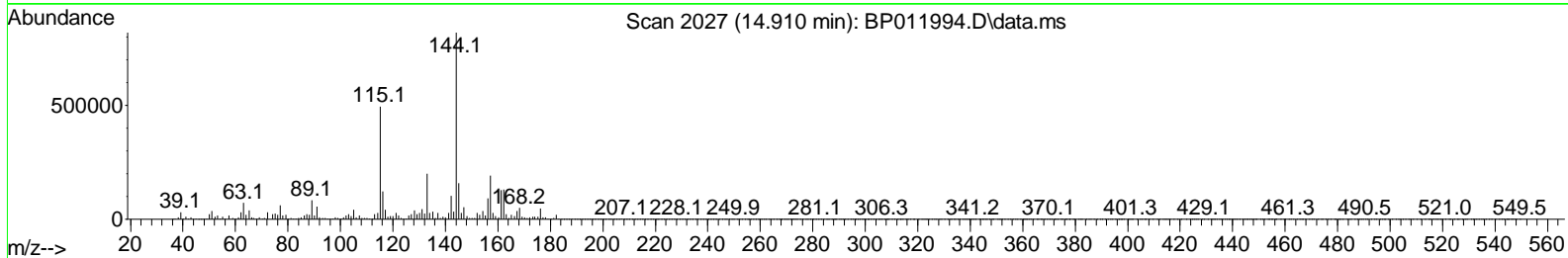
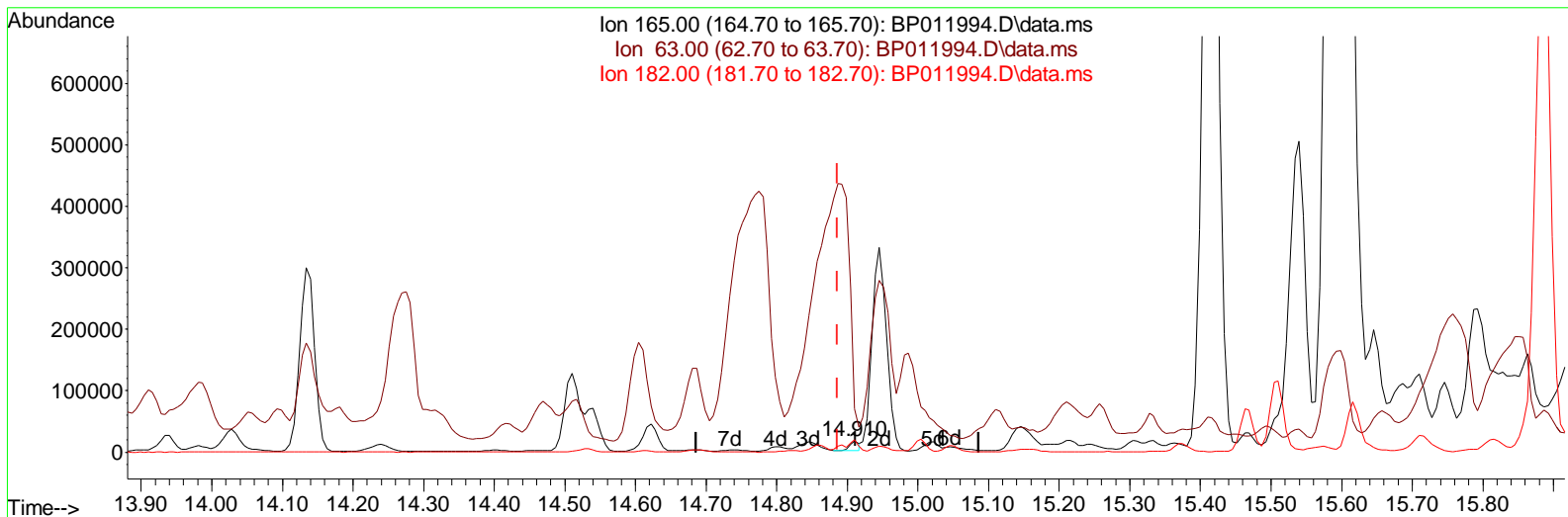
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(57) 2,4-Dinitrotoluene

14.910min (+ 0.024) 0.85 ng/ul

response 14419

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	35.20	385.70#
182.00	2.80	108.74#
0.00	0.00	0.00

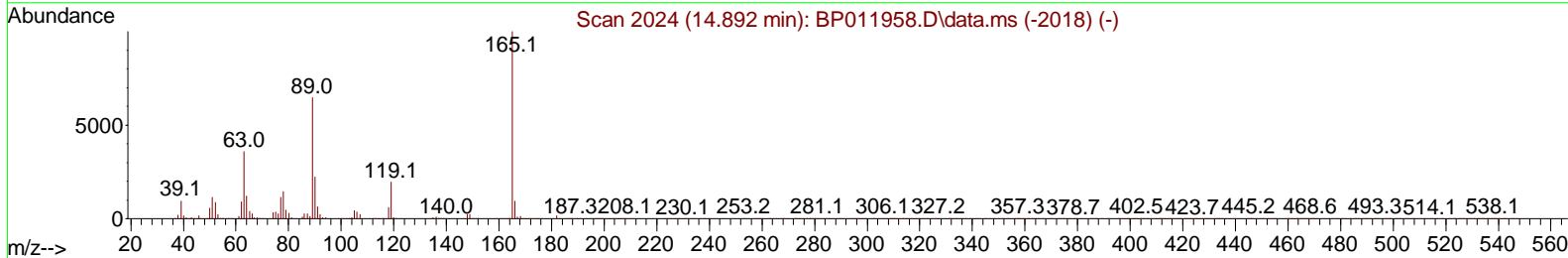
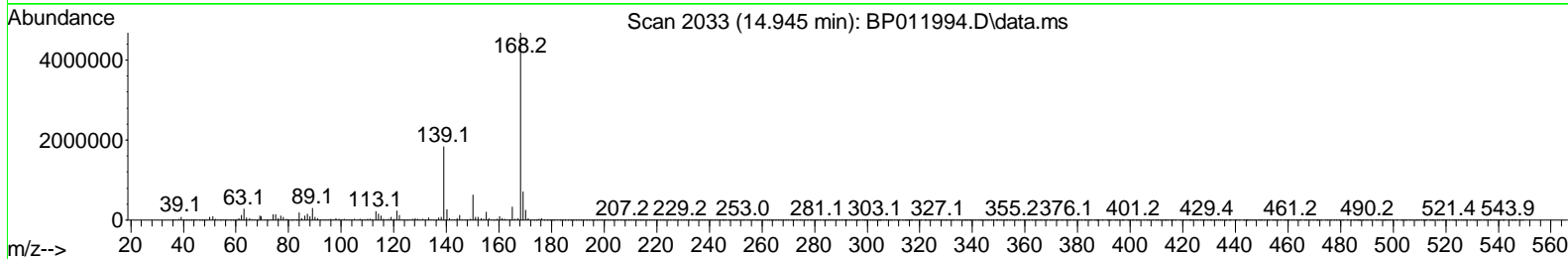
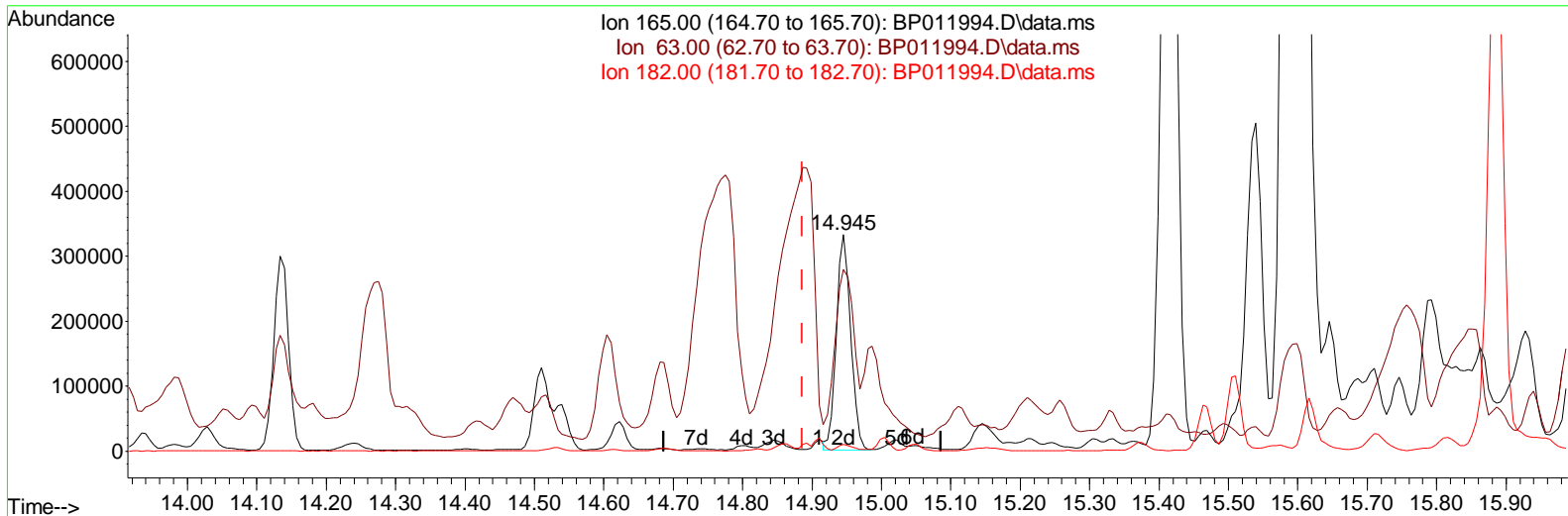
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(57) 2,4-Dinitrotoluene

14.945min (+ 0.059) 28.42 ng/ul m

response 479989

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	35.20	83.89#
182.00	2.80	3.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**

BNA\_P

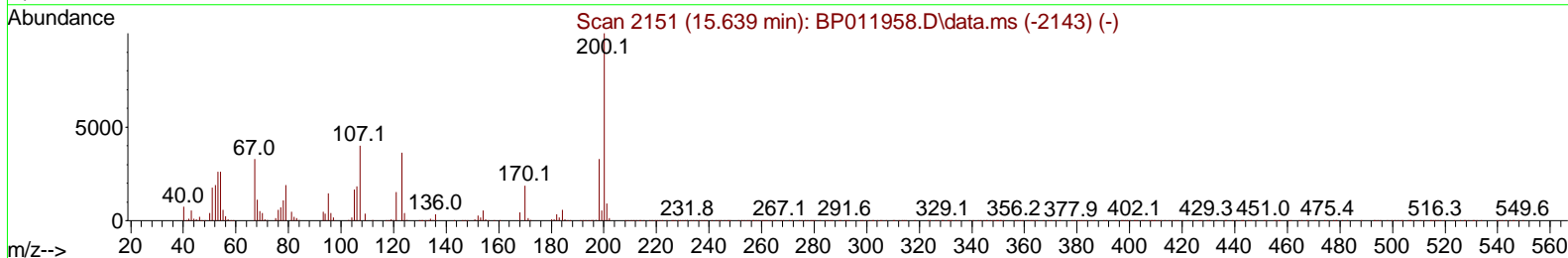
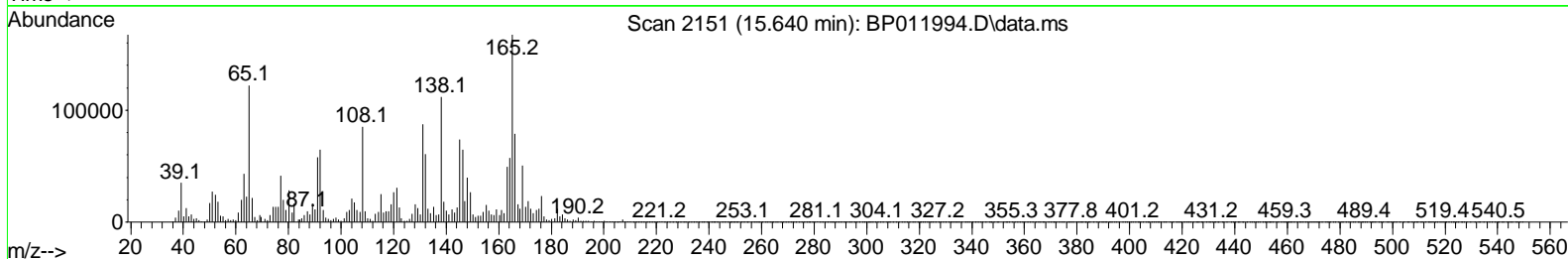
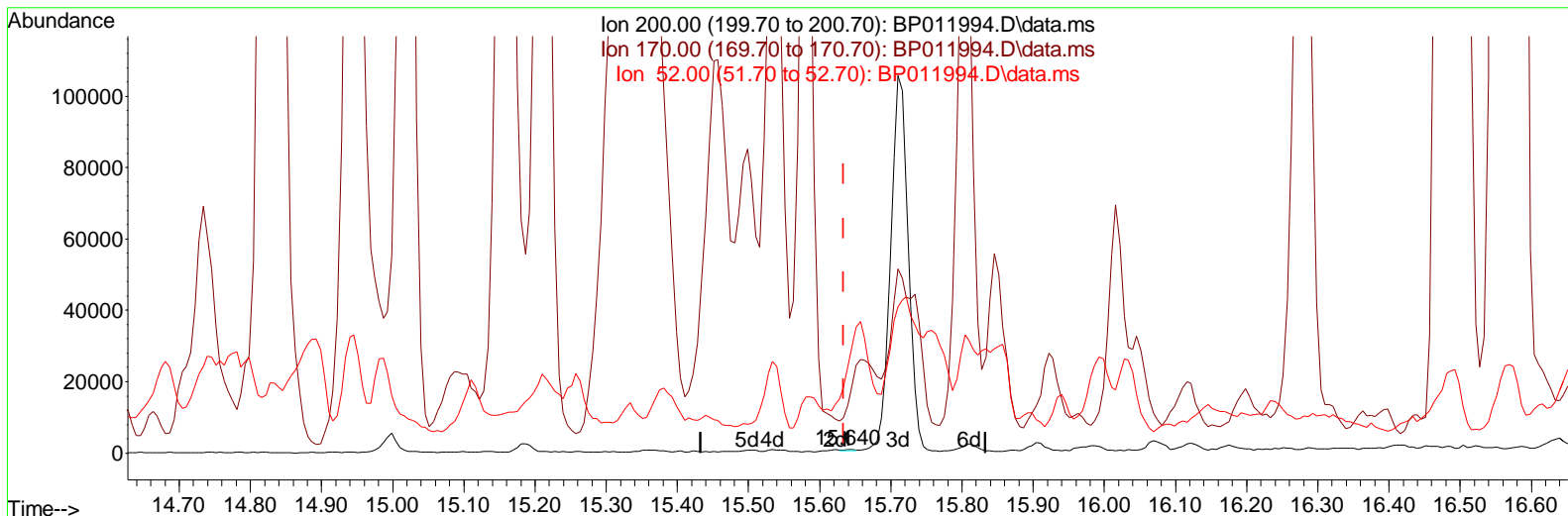
**ClientSampleId :**

E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.640min (+ 0.006) 0.04 ng/ul

response 327

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.30	1350.75#
52.00	30.00	2439.40#
0.00	0.00	0.00



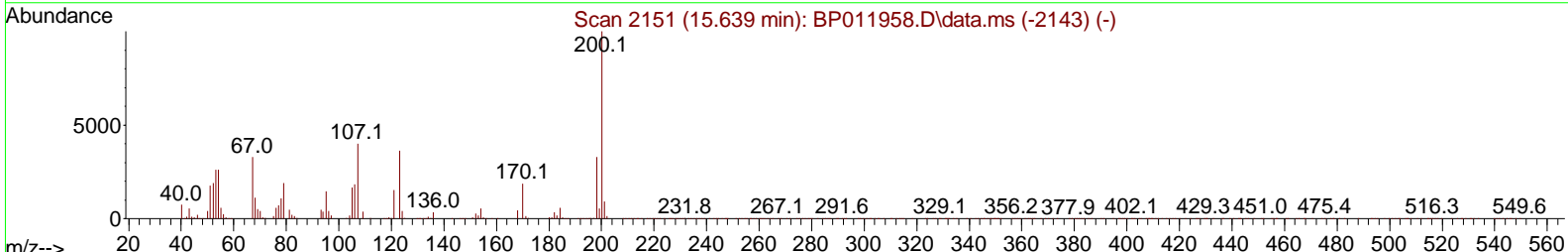
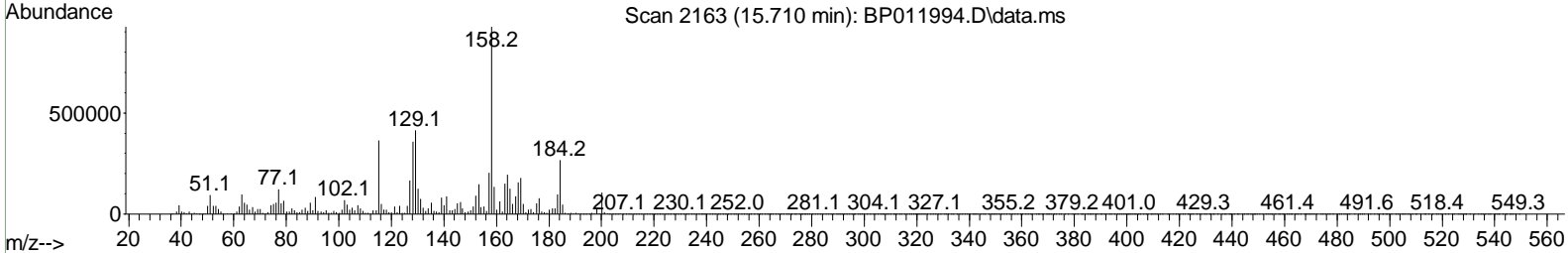
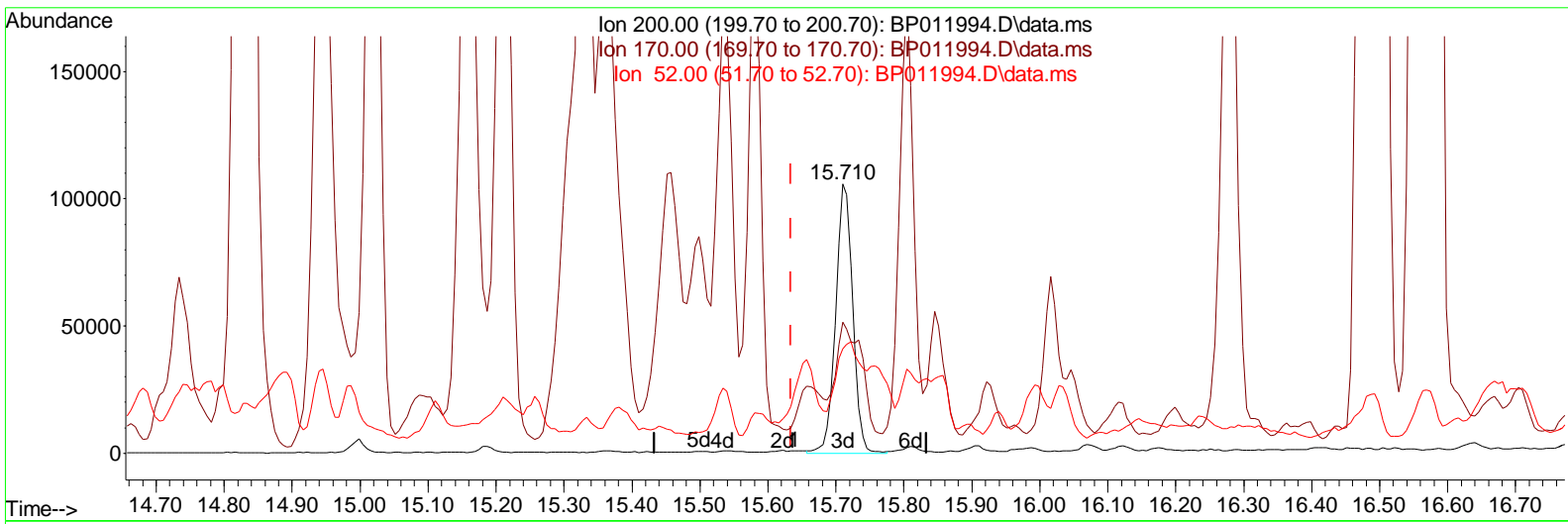
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 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011994.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.710min (+ 0.077) 20.71 ng/ul m

response 185293

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.30	48.79#
52.00	30.00	38.81#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**

BNA\_P

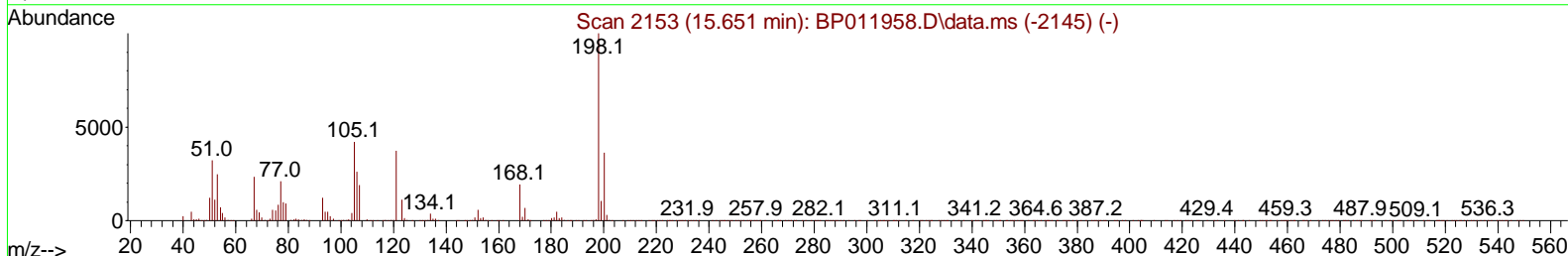
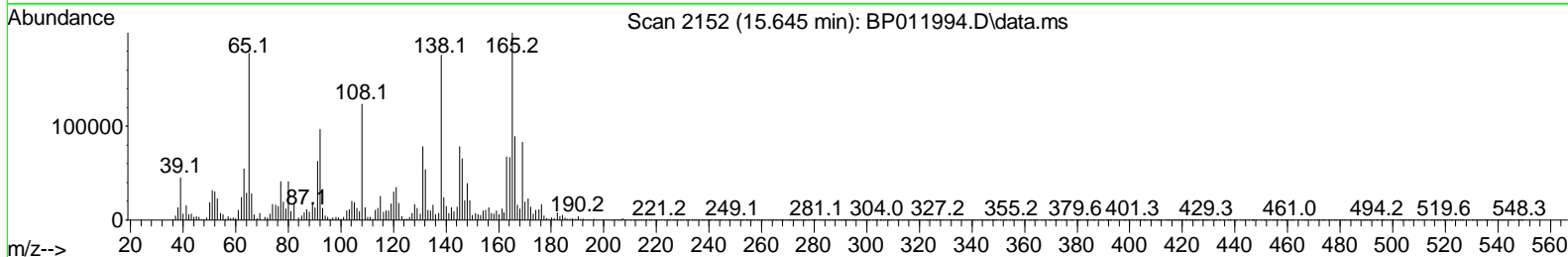
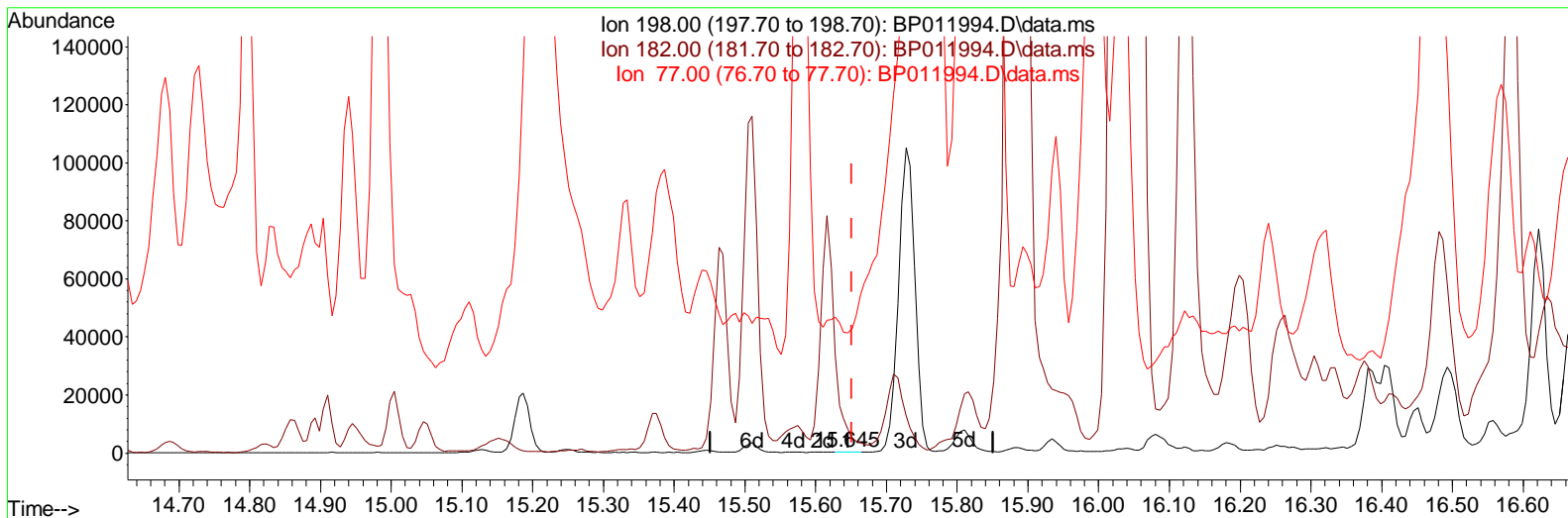
**ClientSampleId :**

E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

**(66) 4,6-Dinitro-2-methylphenol**

15.645min (-0.006) 0.03 ng/ul

response 243

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	4.60	1767.75#
77.00	20.70	8969.70#
0.00	0.00	0.00

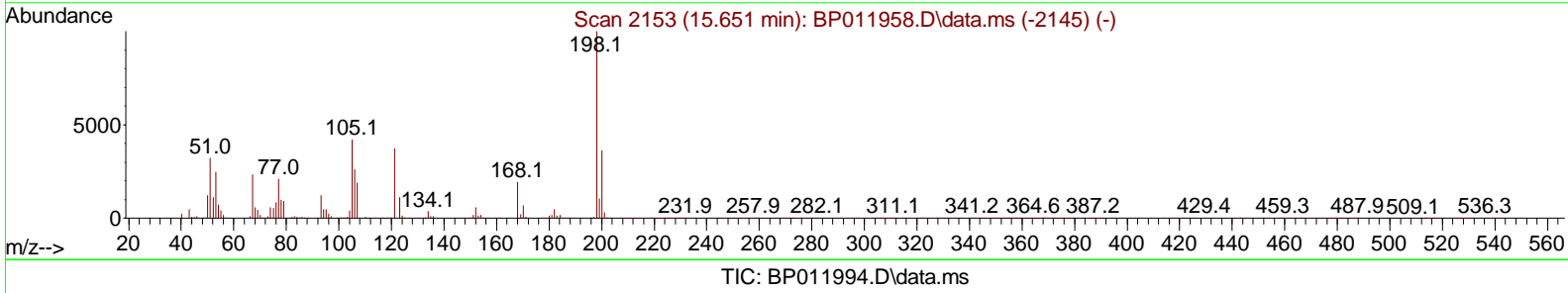
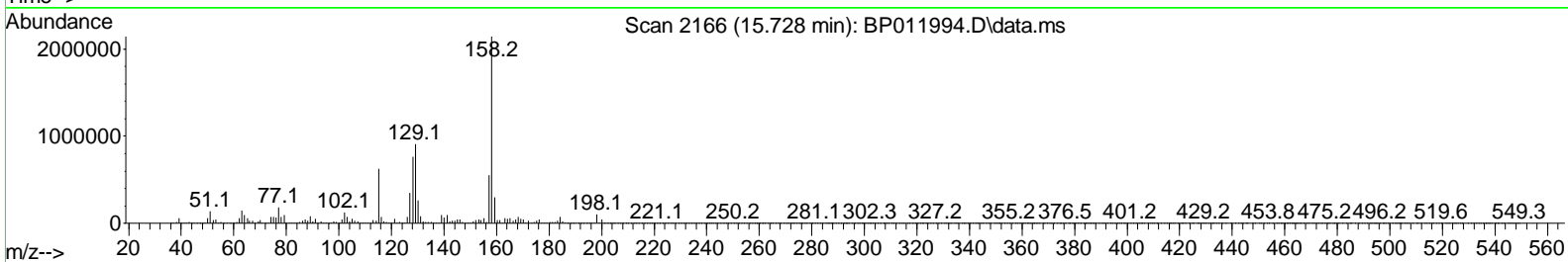
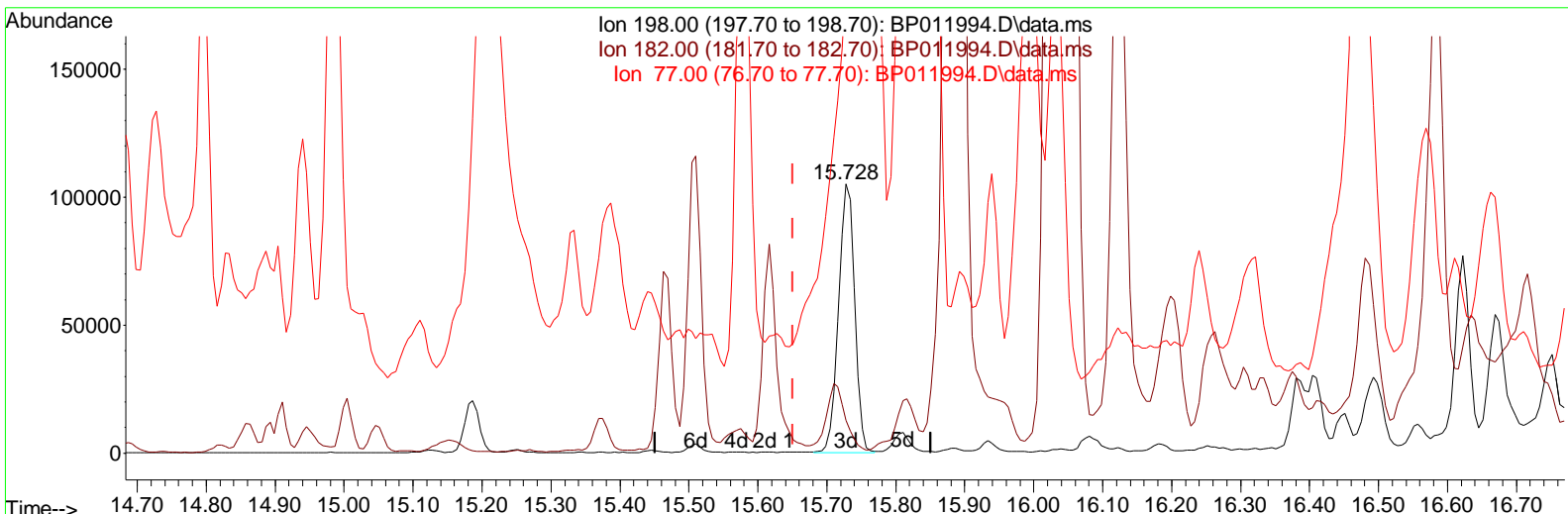
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



(66) 4,6-Dinitro-2-methylphenol

15.728min (+ 0.077) 18.07 ng/ul m

response 171256

Ion	Exp%	Act%
198.00	100.00	100.00
182.00	4.60	12.27#
77.00	20.70	173.52#
0.00	0.00	0.00



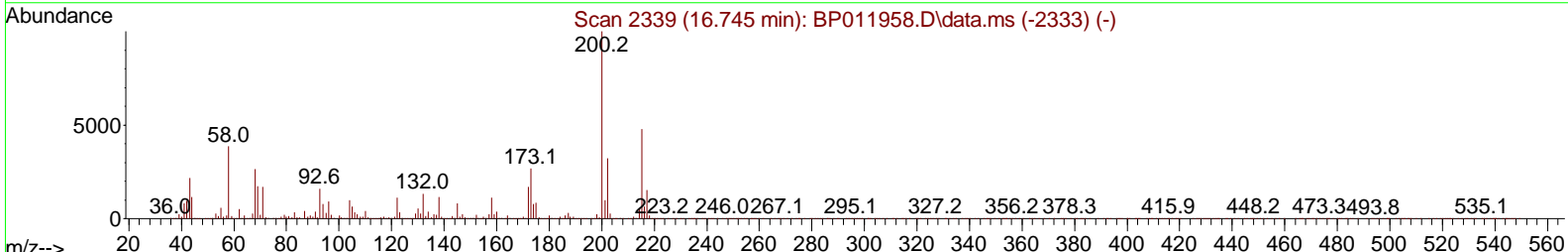
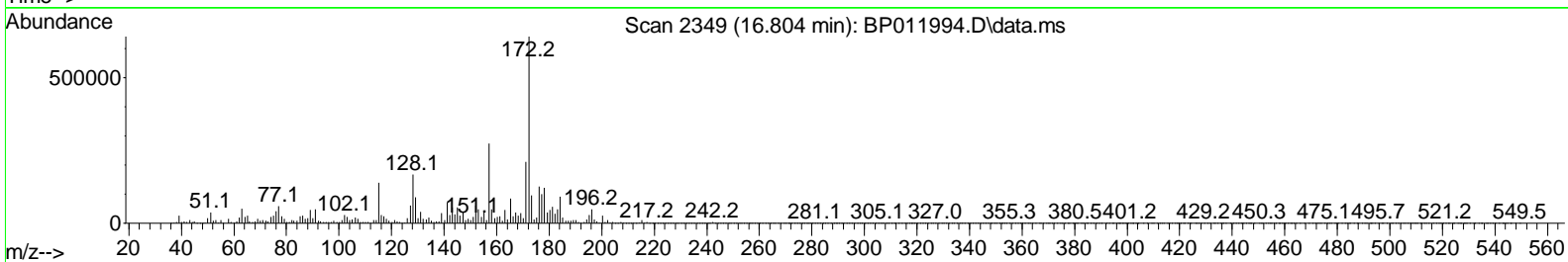
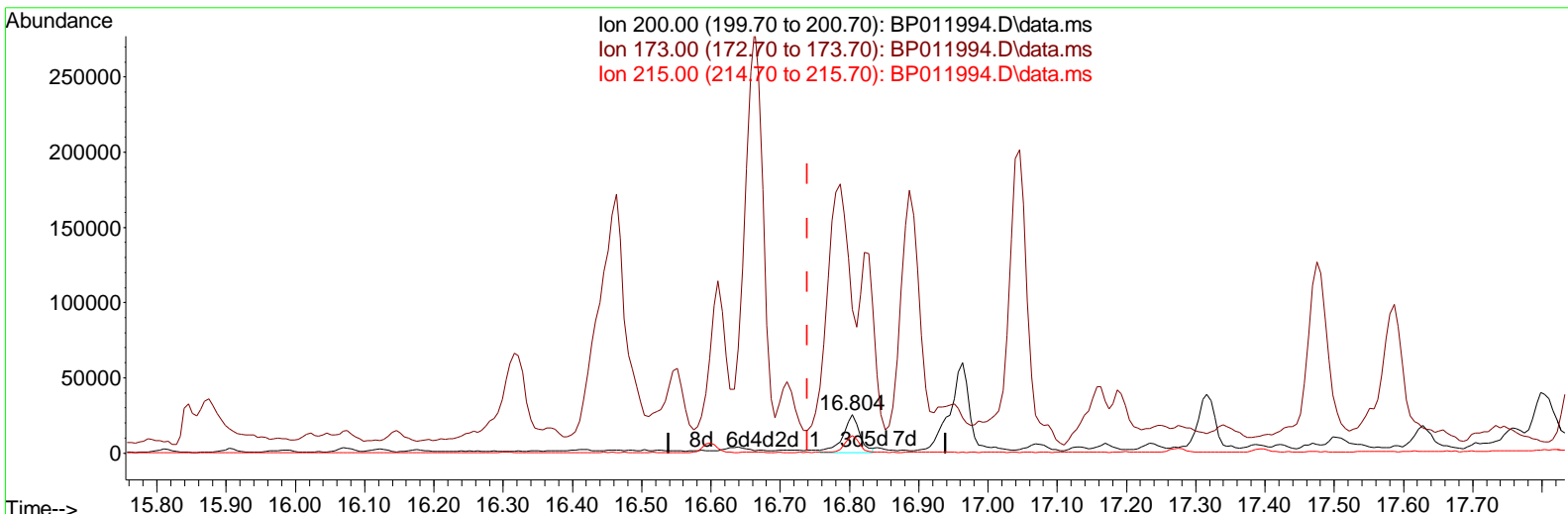
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 10/07/2022  
 Supervised By : mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(70) Atrazine

16.804min (+ 0.065) 2.65 ng/ul m

response 41750

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	27.00	375.62#
215.00	48.60	45.07
0.00	0.00	0.00

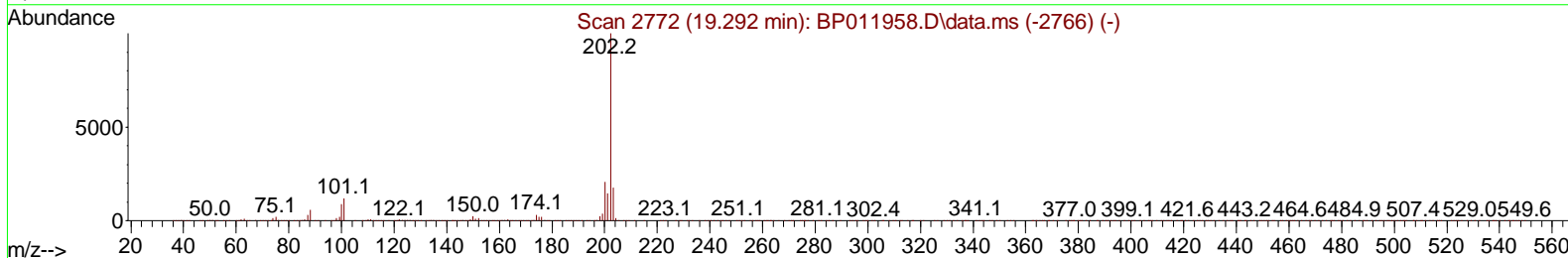
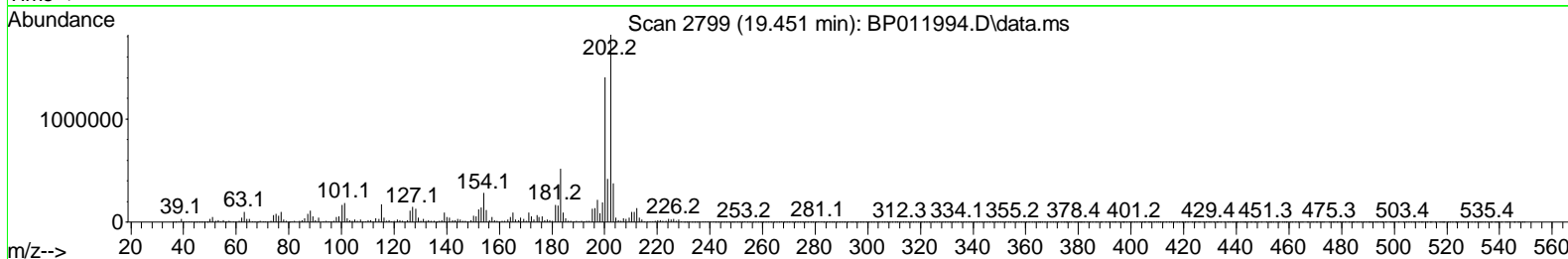
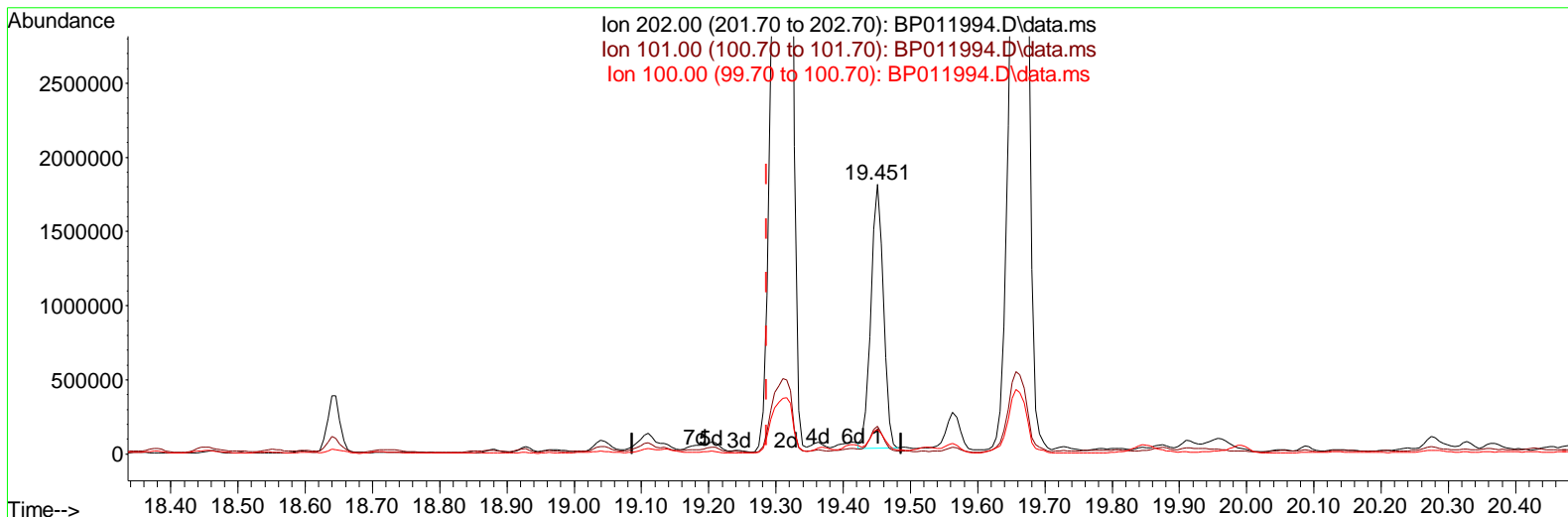
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

(80) Fluoranthene

19.451min (+ 0.165) 25.08 ng/ul

response 2297825

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	10.30
100.00	9.20	9.15
0.00	0.00	0.00

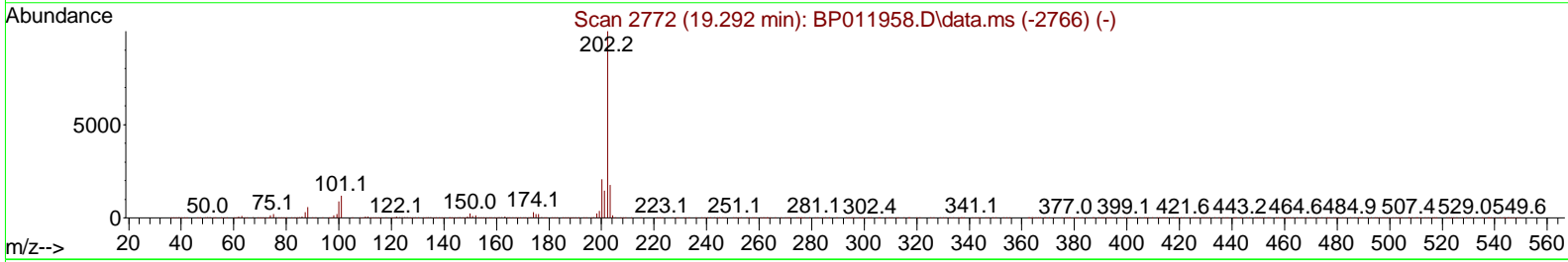
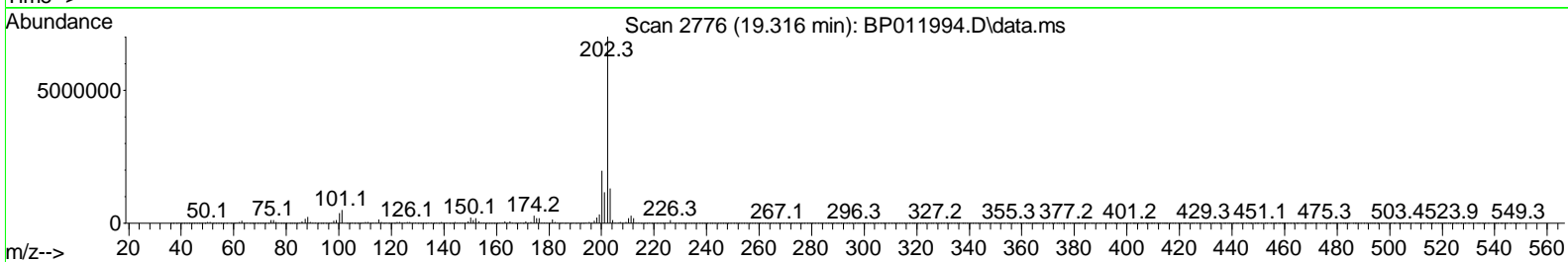
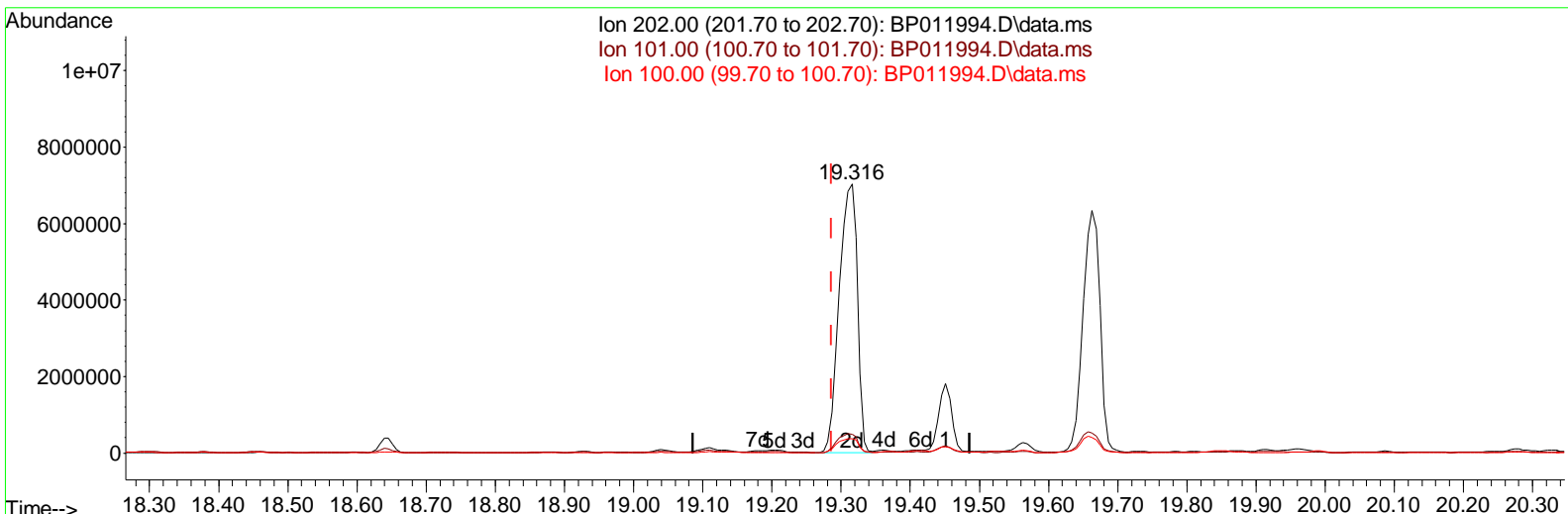
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011994.D\data.ms

**(80) Fluoranthene**

19.316min (+ 0.029) 140.62 ng/ul m

response 12882164

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	7.07#
100.00	9.20	5.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibrati on

Compound	R. T.	QI on	Response	Conc	Units	Dev(Mi n)	
<b>Internal Standards</b>							
1) 1,4-Di chl orobenzene-d4	7.881	152	304382	20.000	ng/ul	0.00	
20) Naphthal ene-d8	10.752	136	711459	20.000	ng/ul	0.07	
38) Acenaphthene-d10	14.540	164	791225	20.000	ng/ul	0.02	
64) Phenanthrene-d10	17.298	188	1477994	20.000	ng/ul	0.02	
79) Chrysene-d12	21.386	240	1478068	20.000	ng/ul	0.02	
88) Peryl ene-d12	23.816	264	1654046	20.000	ng/ul	0.02	
<b>System Moni toring Compounds</b>							
3) 1,4-Di oxane-d8	3.305	96	30216	4.378	ng/uL	0.00	
4) Pyri di ne-d5	3.728	84	56147	2.777	ng/ul	0.01	
7) Phenol -d5	7.105	99	73207m	2.786	ng/ul	0.06	
9) Bi s-(2-Chl oroethyl )eth. . .	7.258	67	157145	10.789	ng/ul	0.05	
11) 2-Chl orophenol -d4	7.434	132	441314	21.275	ng/ul	0.03	
15) 4-Methyl phenol -d8	8.681	113	145201m	6.684	ng/ul	0.09	
21) Ni trobenzene-d5	9.116	128	370031	68.283	ng/ul	0.08	
24) 2-Ni trophenol -d4	9.810	143	388889	67.075	ng/ul	0.05	
28) 2,4-Di chl orophenol -d3	10.416	165	528954	49.324	ng/ul	0.11	
31) 4-Chl oroani li ne-d4	10.905	131	1004129	61.418	ng/ul	0.08	
46) Di methyl phthal ate-d6	13.975	166	1994554	35.251	ng/ul	0.04	
49) Acenaphthyl ene-d8	14.240	160	2279139	35.334	ng/ul	0.02	
54) 4-Ni trophenol -d4	14.775	143	424673m	36.245	ng/ul	0.05	
60) Fl uorene-d10	15.534	176	2014931	41.006	ng/ul	0.02	
65) 4,6-Di ni tro-2-methyl ph. . .	15.710	200	185293m	20.713	ng/ul	0.08	
73) Anthracene-d10	17.404	188	2660718	39.520	ng/ul	0.03	
81) Pyrene-d10	19.633	212	2655040	35.469	ng/ul	0.02	
92) Benzo(a)pyrene-d12	23.663	264	3272368	39.521	ng/ul	0.03	
<b>Target Compounds</b>							
2) 1,4-Di oxane	3.340	88	36029	4.833	ng/uL	97	
5) Pyri di ne	3.746	79	2274283	115.912	ng/ul	93	
6) Benzal dehyde	7.022	77	2209050m	191.910	ng/ul		
8) Phenol	7.222	94	34250885m	1256.697	ng/ul		
10) Bi s(2-Chl oroethyl )ether	7.352	93	560524	25.846	ng/ul	96	
12) 2-Chl orophenol	7.475	128	476769	21.499	ng/ul	98	
13) 2-Methyl phenol	8.399	108	19360627m	901.634	ng/ul		
14) 2,2'-oxybi s(1-Chl oropr. . .	8.475	45	201830	9.440	ng/ul #	1	
16) Acetophenone	8.958	105	2591837m	78.260	ng/ul		
17) N-Ni troso-di -n-propyl a. . .	8.934	70	358089m	22.973	ng/ul		
18) 4-Methyl phenol	8.905	108	47126867m	1991.934	ng/ul		
19) Hexachl oroethane	8.969	117	230432	27.860	ng/ul	94	
22) Ni trobenzene	9.158	77	1468524m	126.003	ng/ul		
23) I sophorone	9.699	82	1138	0.048	ng/ul #	1	
25) 2-Ni trophenol	9.846	139	401168	60.583	ng/ul	98	
26) 2,4-Di methyl phenol	10.022	107	30290127m	2434.998	ng/ul		
27) Bi s(2-Chl oroethoxy)met. . .	10.187	93	894574	58.647	ng/ul #	96	
29) 2,4-Di chl orophenol	10.446	162	421181m	37.904	ng/ul		
30) Naphthal ene	10.799	128	57891420m	1514.956	ng/ul		
32) 4-Chl oroani li ne	10.928	127	461673	27.602	ng/ul	99	
33) Hexachl orobutadi ene	11.040	225	429796	65.347	ng/ul	99	
34) Caprol actam	11.716	113	2932	0.746	ng/ul #	79	
35) 4-Chl oro-3-methyl phenol	12.081	107	709793	60.245	ng/ul	89	



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-2OMS  
 Misc :  
 ALS Vial : 83 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALI BRATI ON  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibrati on

Compound	R. T.	QI on	Response	Conc	Units	Dev(Mi n)
36) 2-Methyl naphthal ene	12.399	142	14522027	544.172	ng/ul	99
37) 1-Methyl naphthal ene	12.610	142	10934356m	408.337	ng/ul	
39) 1, 2, 4, 5-Tetrachl oroben. . .	12.740	216	860334	37.494	ng/ul	99
40) Hexachl orocycl opentadi ene	12.704	237	2175	0.166	ng/ul #	82
41) 2, 4, 6-Tri chl orophenol	13.010	196	555025m	36.135	ng/ul	
42) 2, 4, 5-Tri chl orophenol	13.093	196	590863m	35.315	ng/ul	
43) 1, 1' -Bi phenyl	13.375	154	5088933	86.955	ng/ul	97
44) 2-Chl oronaphthal ene	13.422	162	1409880	30.471	ng/ul	99
45) 2-Ni troani li ne	13.646	65	410818	36.373	ng/ul	92
47) Di methyl phthal ate	14.022	163	2155203	36.346	ng/ul	100
48) 2, 6-Di ni trotol uene	14.134	165	445448	38.546	ng/ul #	86
50) Acenaphthyl ene	14.275	152	11450857	159.844	ng/ul	97
51) 3-Ni troani li ne	14.469	138	447219	33.388	ng/ul #	93
52) Acenaphthene	14.604	153	4831769	95.598	ng/ul	98
53) 2, 4-Di ni trophenol	14.745	184	101828m	12.997	ng/ul	
55) 4-Ni trophenol	14.816	109	45236m	5.719	ng/ul	
56) Di benzofuran	14.951	168	9685217	139.907	ng/ul	95
57) 2, 4-Di ni trotol uene	14.945	165	479989m	28.416	ng/ul	
58) 2, 3, 4, 6-Tetrachl orophenol	15.187	232	528491	36.360	ng/ul #	93
59) Di ethyl phthal ate	15.381	149	2132514	35.898	ng/ul	99
61) Fl uorene	15.598	166	7862632	138.673	ng/ul	98
62) 4-Chl orophenyl -phenyl e. . .	15.581	204	908331	32.361	ng/ul	99
63) 4-Ni troani li ne	15.657	138	439808	34.409	ng/ul	91
66) 4, 6-Di ni tro-2-methyl ph. . .	15.728	198	171256m	18.070	ng/ul	
67) N-Ni trosodi phenyl ami ne	15.804	169	1621490	37.190	ng/ul	96
68) 4-Bromophenyl -phenyl ether	16.475	248	622267	41.391	ng/ul #	67
69) Hexachl orobenzene	16.598	284	697265	40.757	ng/ul	95
70) Atrazi ne	16.804	200	41750m	2.654	ng/ul	
71) Pentachl orophenol	16.963	266	441882	39.271	ng/ul	98
72) Phenanthrene	17.357	178	17510640	215.582	ng/ul	95
74) Anthracene	17.445	178	12027328	147.169	ng/ul	97
75) 1, 2, 3, 4-Tetrachl oroben. . .	13.340	216	921485	45.170	ng/uL	98
76) Pentachl orobenzene	14.863	250	580494	26.630	ng/uL	98
77) Carbazol e	17.716	167	10423290	141.161	ng/ul	96
78) Di -n-butyl phthal ate	18.263	149	3097392	34.254	ng/ul	97
80) Fl uoranthene	19.316	202	12882164m	140.621	ng/ul	
82) Pyrene	19.663	202	10831162	113.557	ng/ul #	86
83) Butyl benzyl phthal ate	20.528	149	1620529	39.311	ng/ul	99
84) 3, 3' -Di chl orobenzi di ne	21.304	252	565270	16.612	ng/ul #	95
85) Benzo(a)anthracene	21.369	228	8773721	90.771	ng/ul	91
86) Bi s(2-ethyl hexyl )phtha. . .	21.280	149	2362211	38.042	ng/ul #	96
87) Chrysene	21.422	228	7657884	84.422	ng/ul	96
89) Di -n-octyl phthal ate	22.210	149	4107396	38.922	ng/ul	100
90) Benzo(b)fl uoranthene	23.080	252	8853318	83.860	ng/ul	97
91) Benzo(k)fl uoranthene	23.127	252	5929575	58.325	ng/ul	97
93) Benzo(a)pyrene	23.721	252	7933671	84.209	ng/ul	96
94) I ndeno(1, 2, 3-cd)pyrene	26.363	276	6796351	56.674	ng/ul	97
95) Di benzo(a, h)anthracene	26.374	278	4512769	42.362	ng/ul	97
96) Benzo(g, h, i )peryl ene	27.139	276	5965676	56.113	ng/ul	96

(#) = qual i fier out of range (m) = manual i ntegrati on (+) = signal s summed

**Instrument :**

BNA\_P

**ClientSampleId :**

E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/07/2022  
Supervised By :mohammad ahmed 10/10/2022

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011994.D  
 Acq On : 07 Oct 2022 05:27  
 Operator : CG/JU  
 Sample : N4923-20MS  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MS

**Manual IntegrationsAPPROVED**

Reviewed By :Jagru Upadhyay 10/07/2022  
 Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 07 05:57:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

