

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

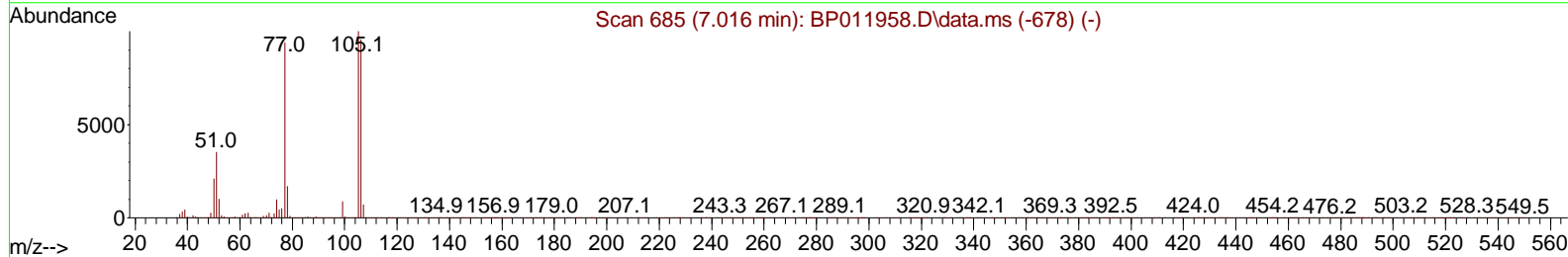
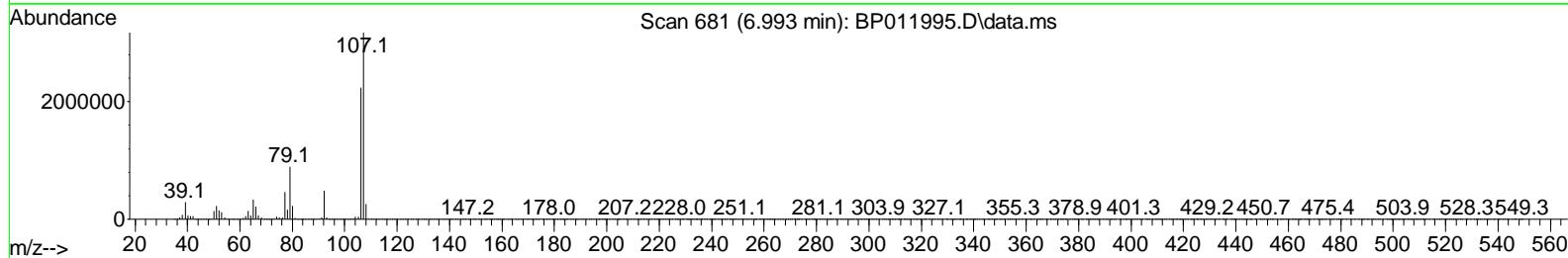
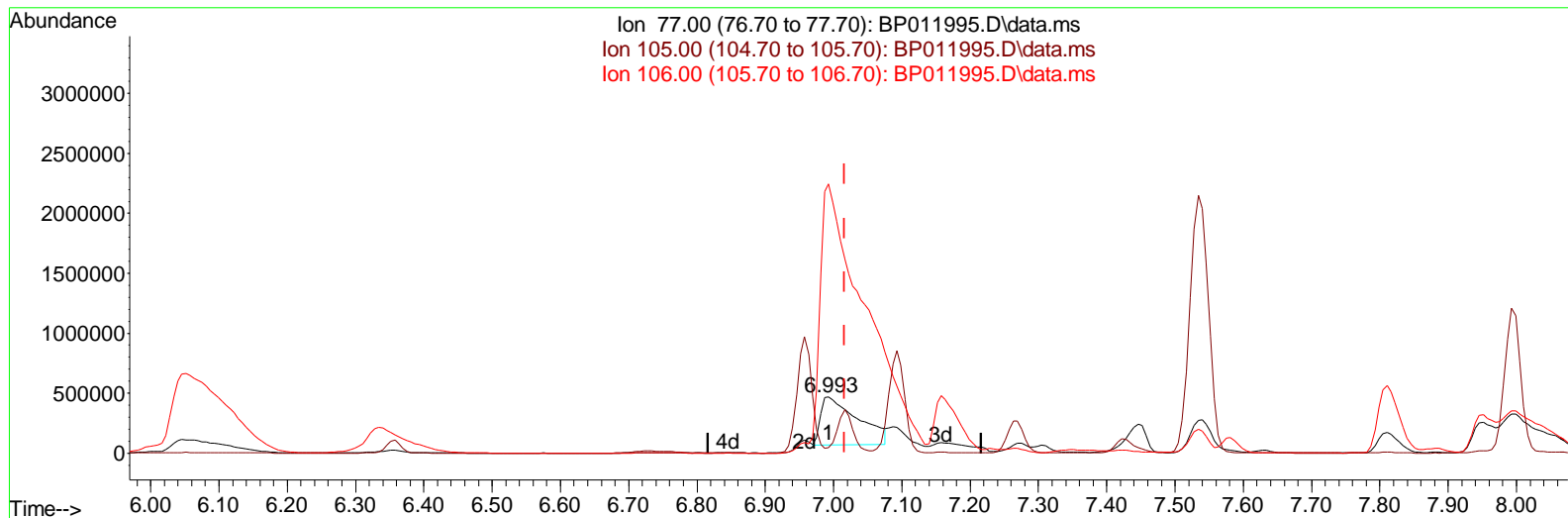
ClientSampleId :

E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(6) Benzaldehyde

6.993min (-0.024) 141.93 ng/ul

response 1516530

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	108.80	9.80#
106.00	104.70	479.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
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 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**

BNA\_P

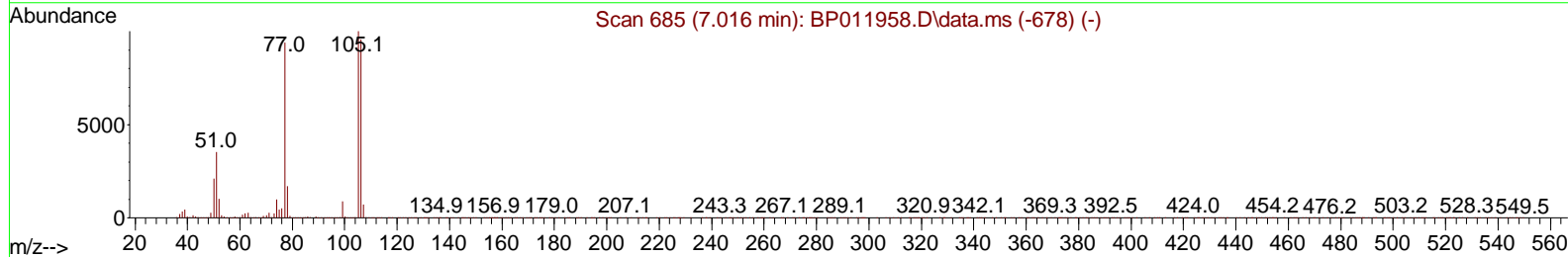
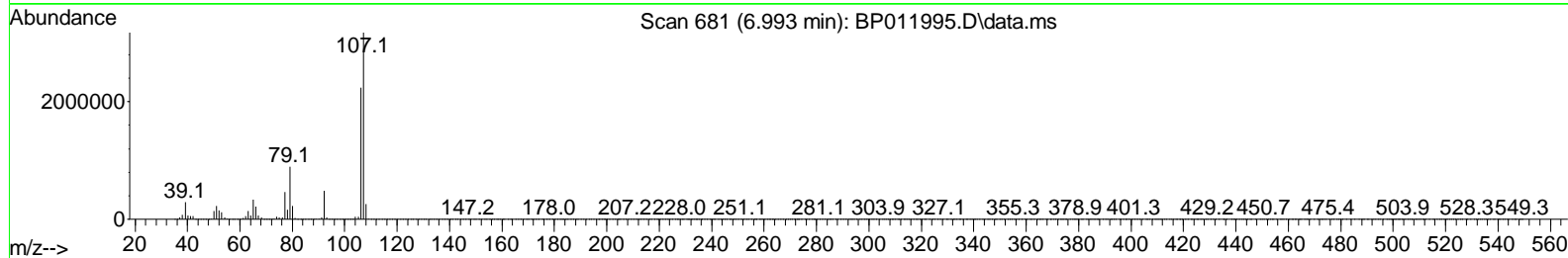
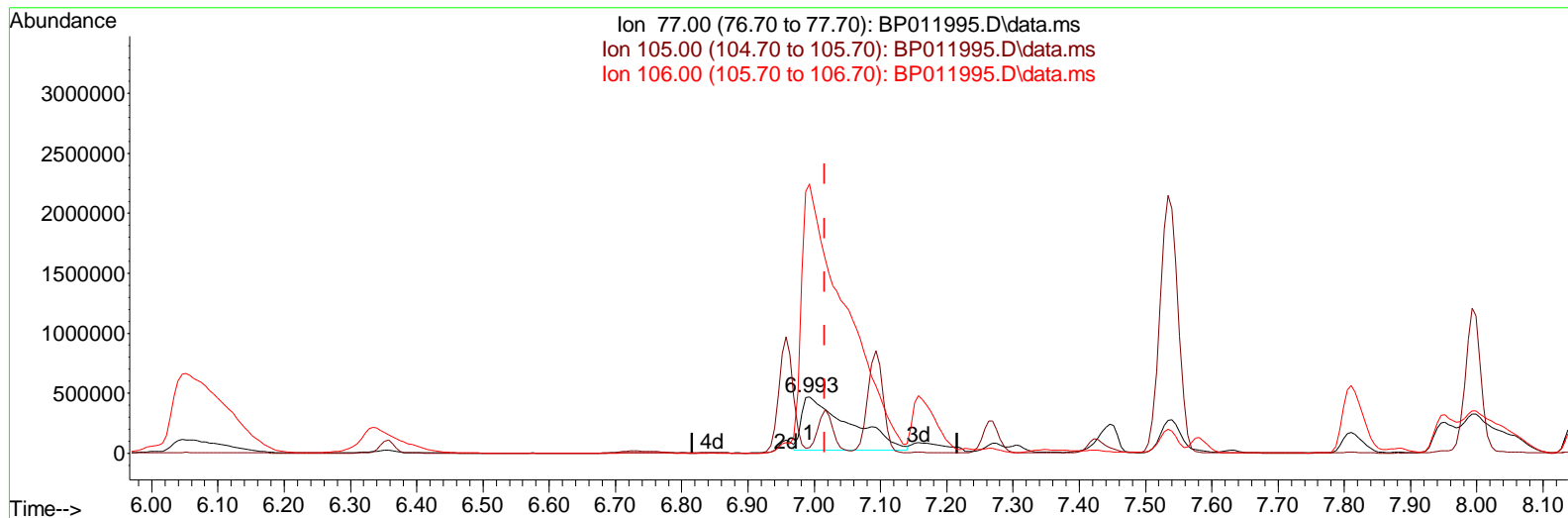
**ClientSampleId :**

E10007MSD

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TIC: BP011995.D\data.ms

**(6) Benzaldehyde**

6.993min (-0.024) 207.67 ng/ul m

response 2219027

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	108.80	9.80#
106.00	104.70	479.50#
0.00	0.00	0.00

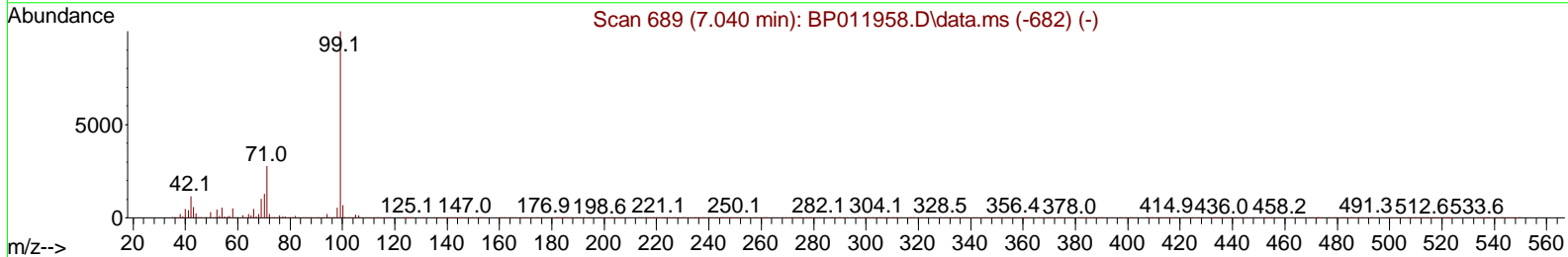
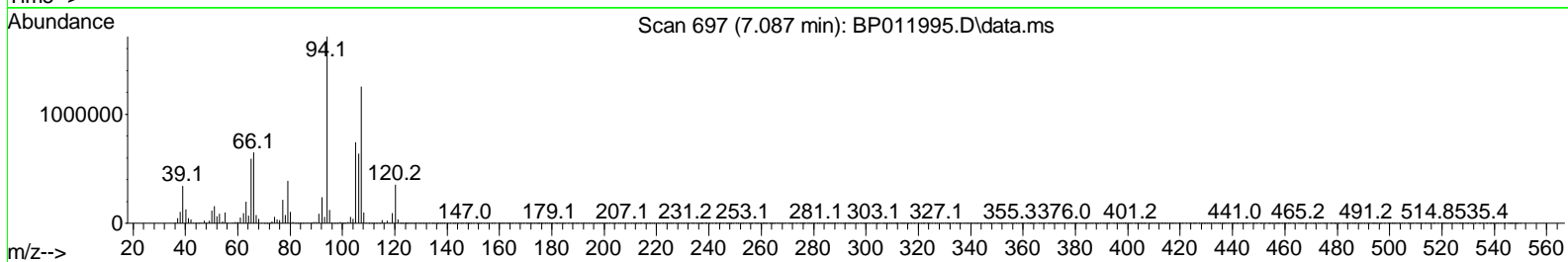
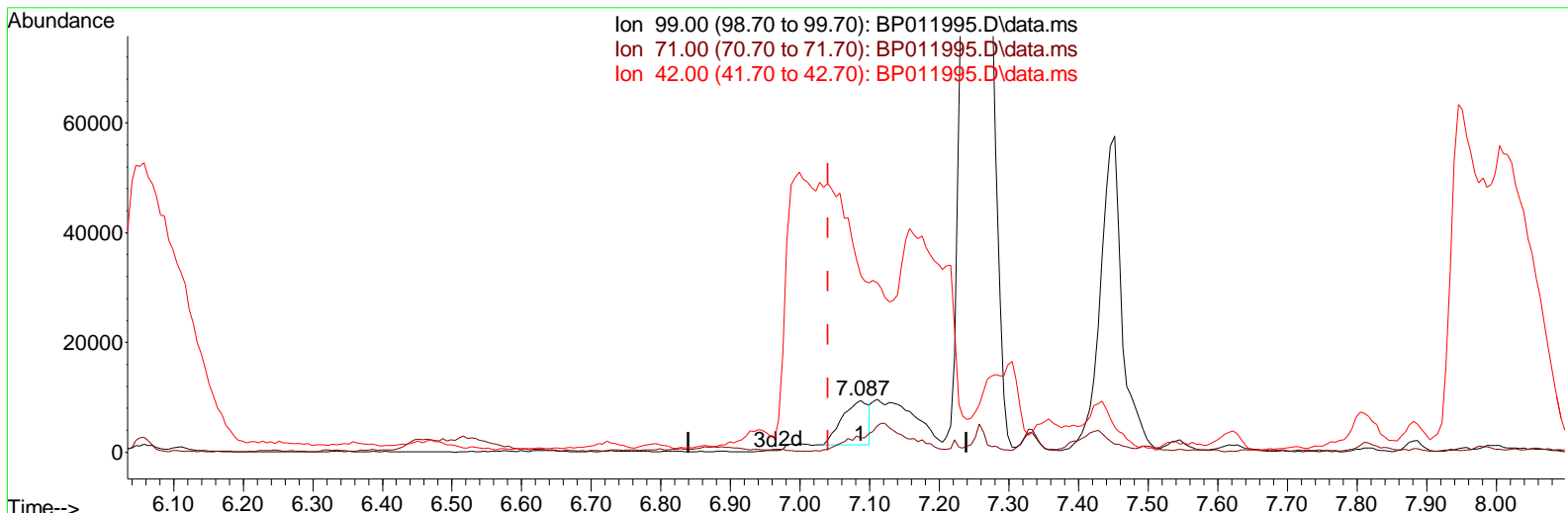
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
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 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
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TIC: BP011995.D\data.ms

(7) Phenol-d5 (S)

7.087min (+ 0.047) 0.87 ng/ul

response 21213

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	28.30	27.52
42.00	11.90	341.65#
0.00	0.00	0.00

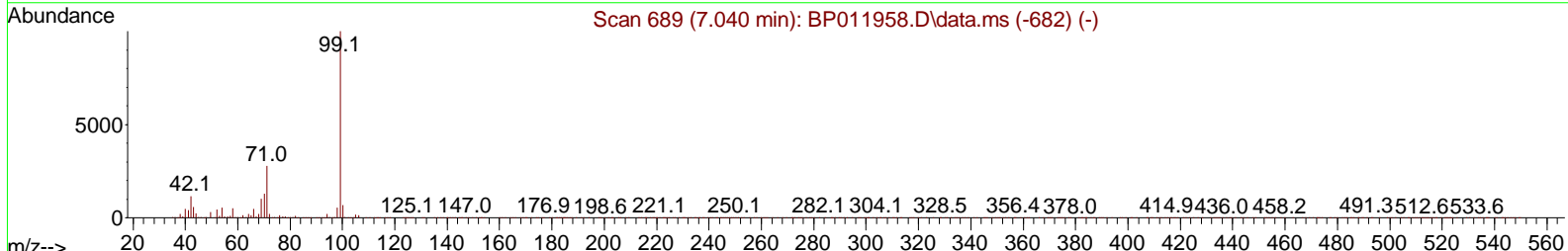
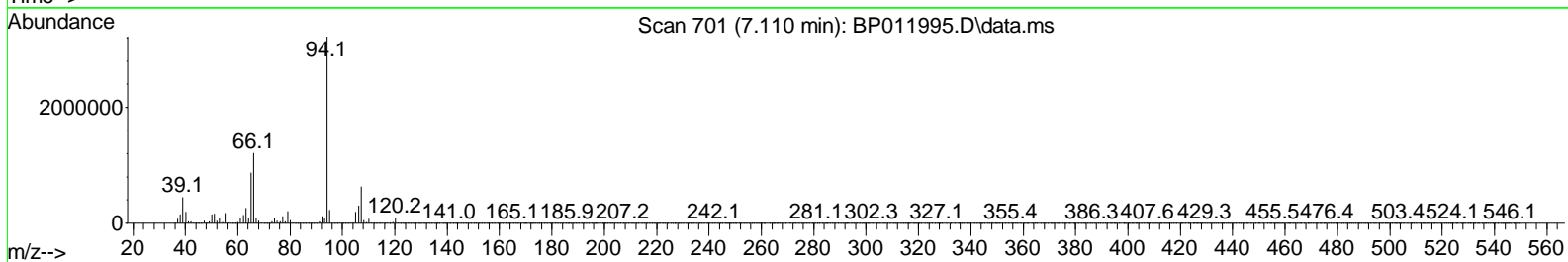
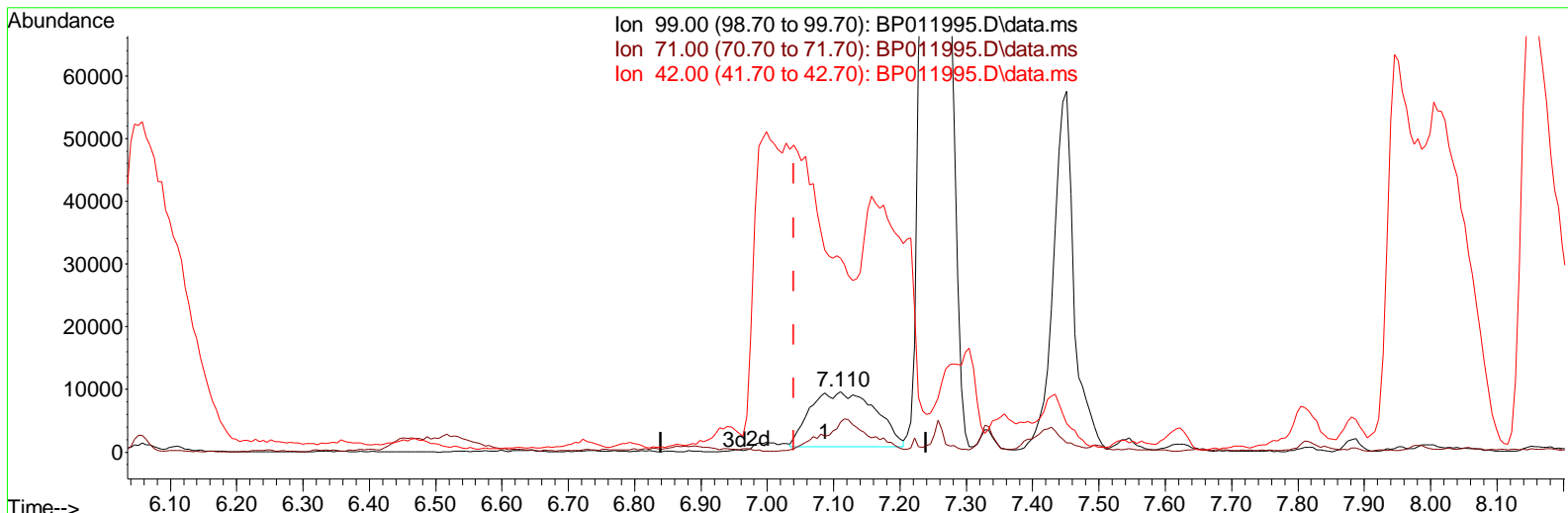
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
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 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
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TIC: BP011995.D\data.ms

(7) Phenol-d5 (S)

7.110min (+ 0.070) 2.47 ng/ul m

response	60159	
Ion	Exp%	Act%
99.00	100.00	100.00
71.00	28.30	49.55#
42.00	11.90	319.24#
0.00	0.00	0.00

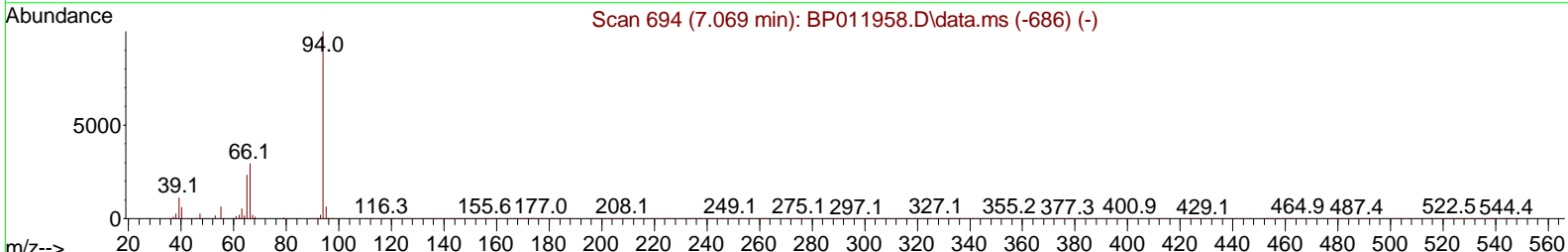
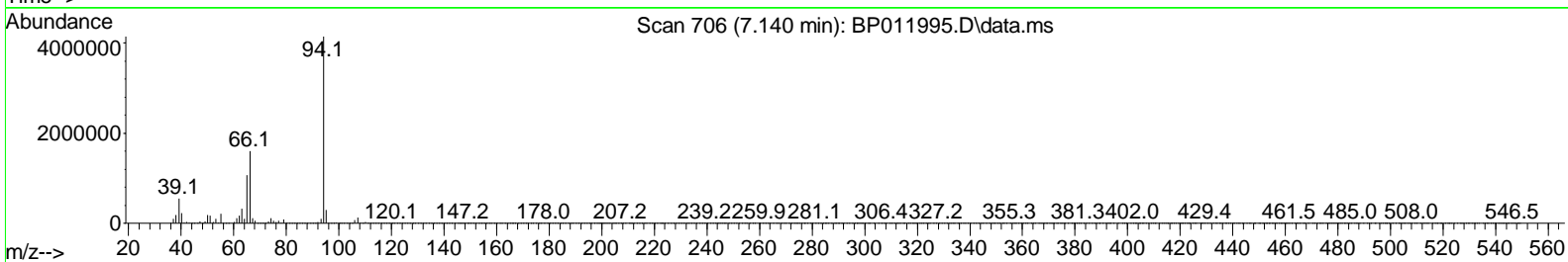
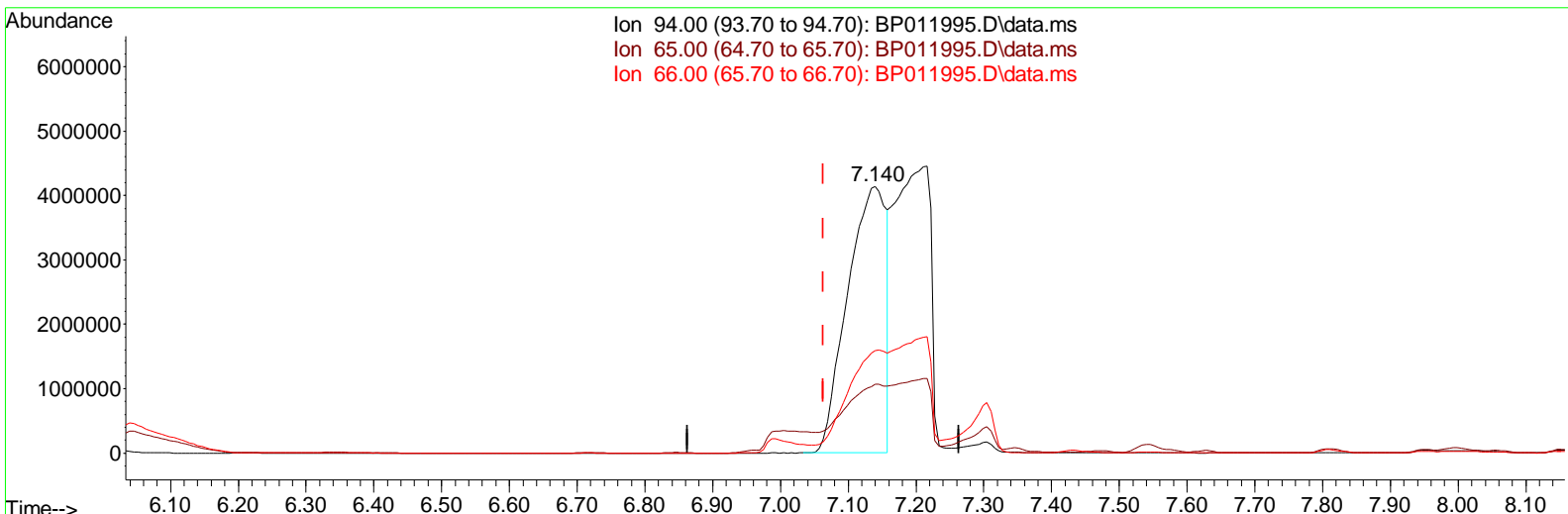
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
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 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
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TIC: BP011995.D\data.ms

**(8) Phenol**

7.140min (+ 0.076) 646.42 ng/ul

response 16354207

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	24.40	25.71
66.00	31.20	38.52#
0.00	0.00	0.00

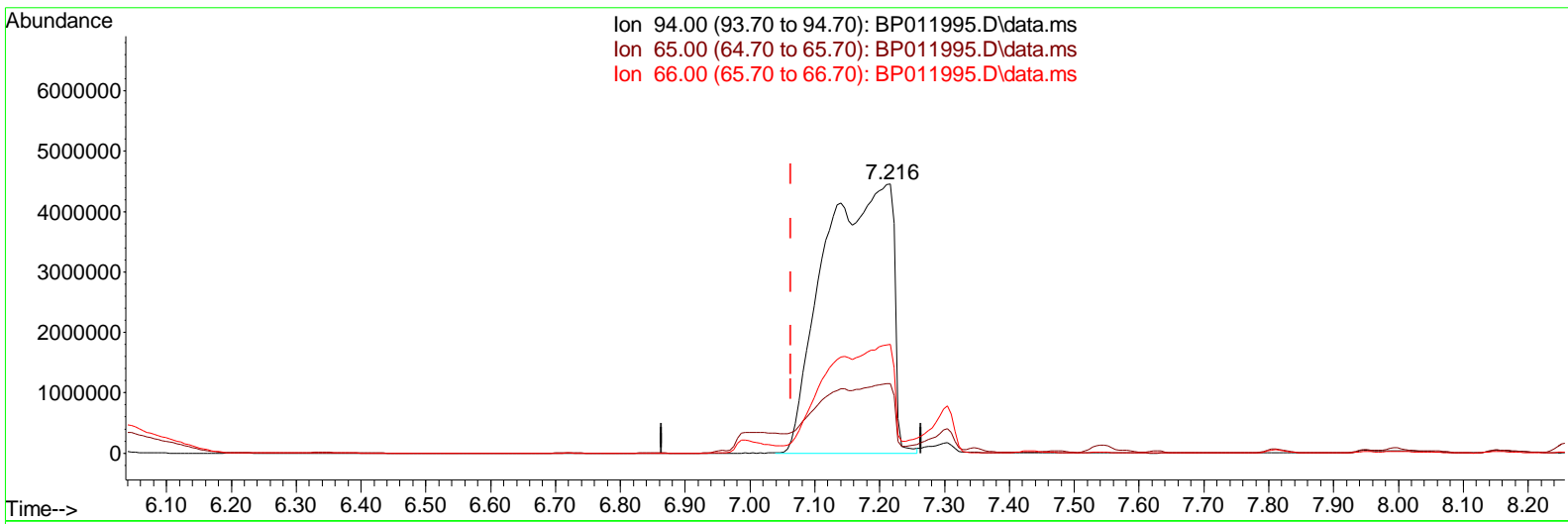
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
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 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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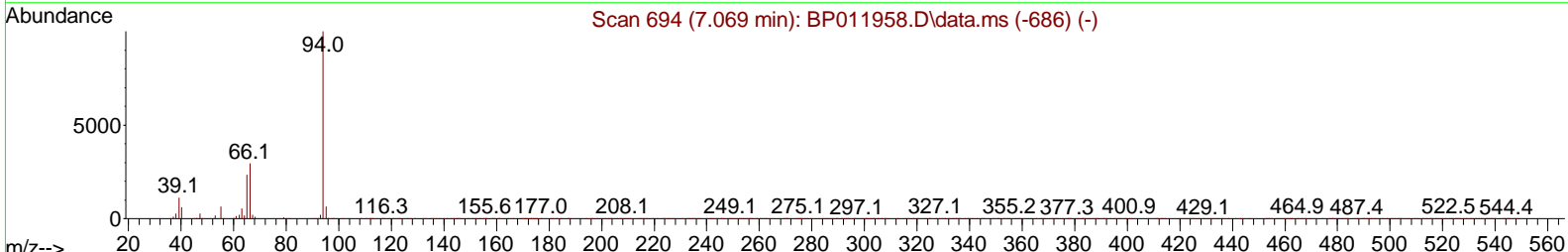
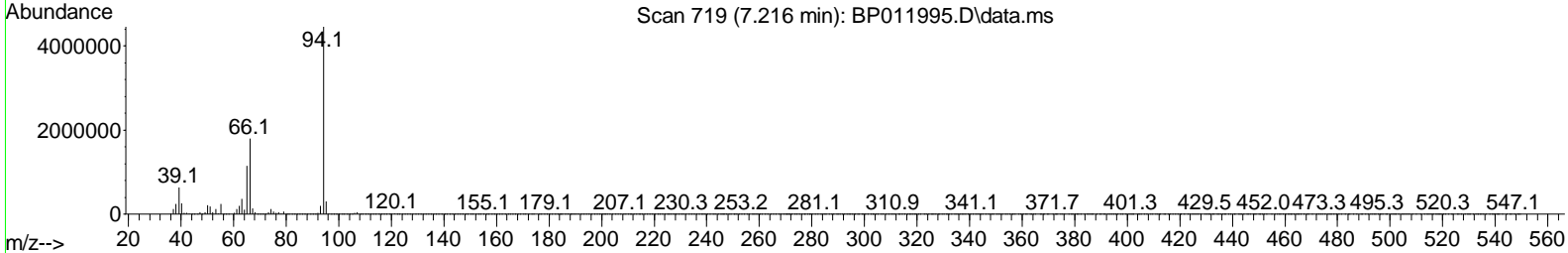
Manual Integrations APPROVED

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

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Ion 94.00 (93.70 to 94.70): BP011995.D\data.ms  
 Ion 65.00 (64.70 to 65.70): BP011995.D\data.ms  
 Ion 66.00 (65.70 to 66.70): BP011995.D\data.ms



TIC: BP011995.D\data.ms

(8) Phenol

7.216min (+ 0.153) 1298.25 ng/ul m

response 32845340

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	24.40	25.92
66.00	31.20	40.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

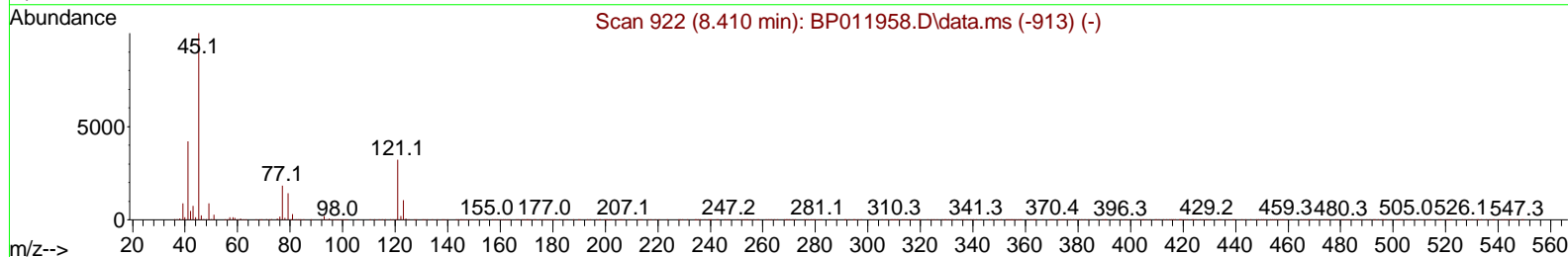
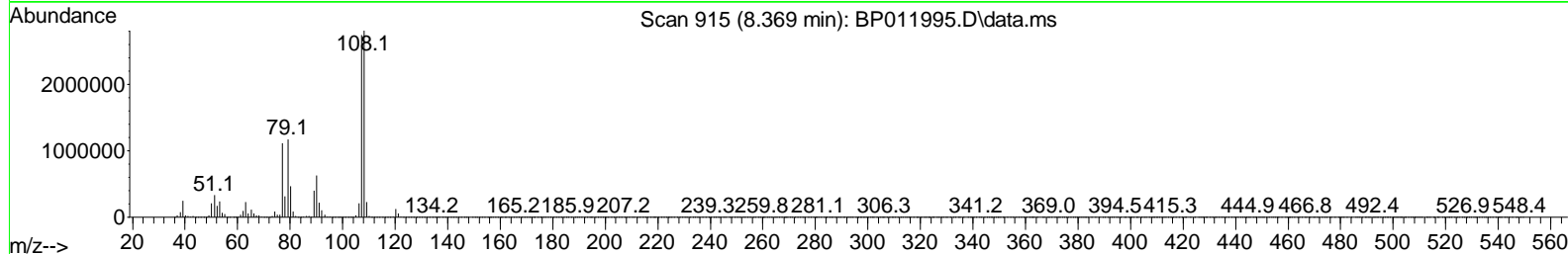
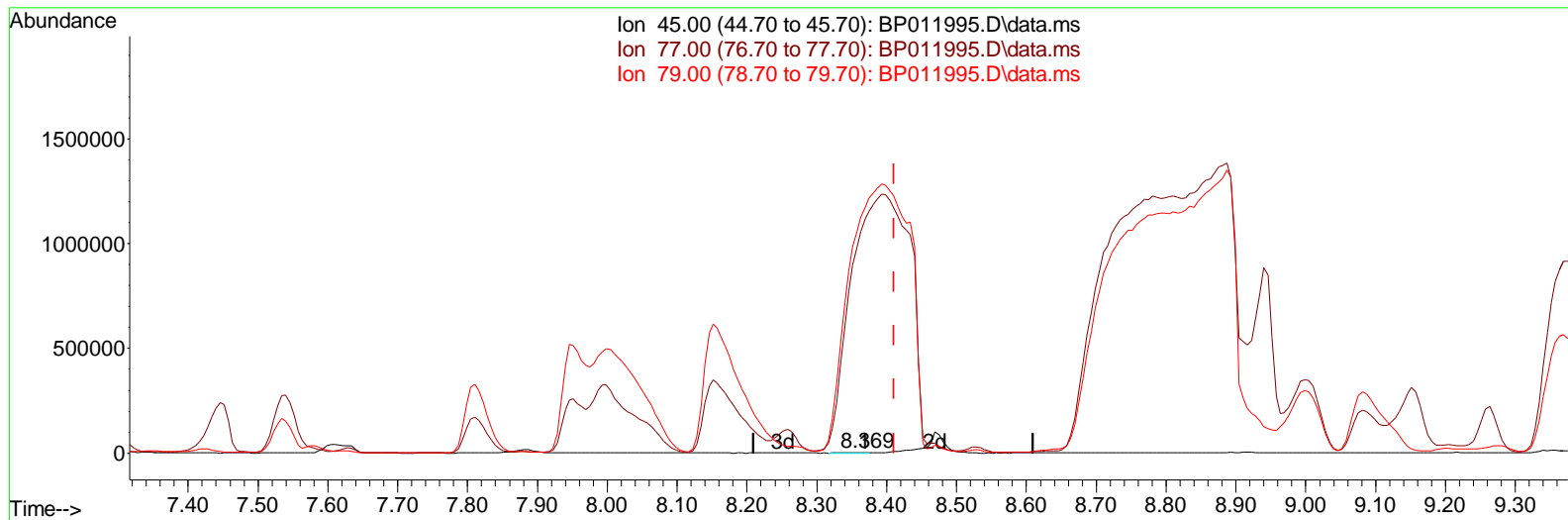
ClientSampleId :

E10007MSD

Manual Integrations APPROVED

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TIC: BP011995.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.369min (-0.041) 0.20 ng/ul

response 4042

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.00	48937.88#
79.00	15.60	51311.99#
0.00	0.00	0.00

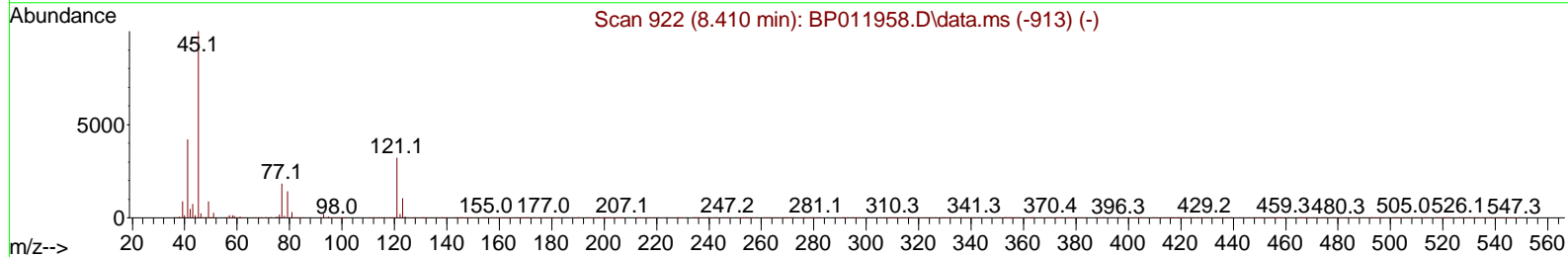
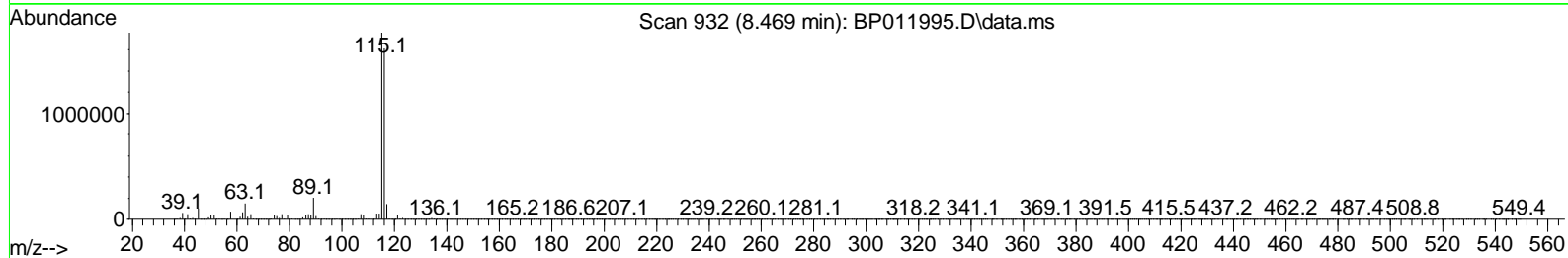
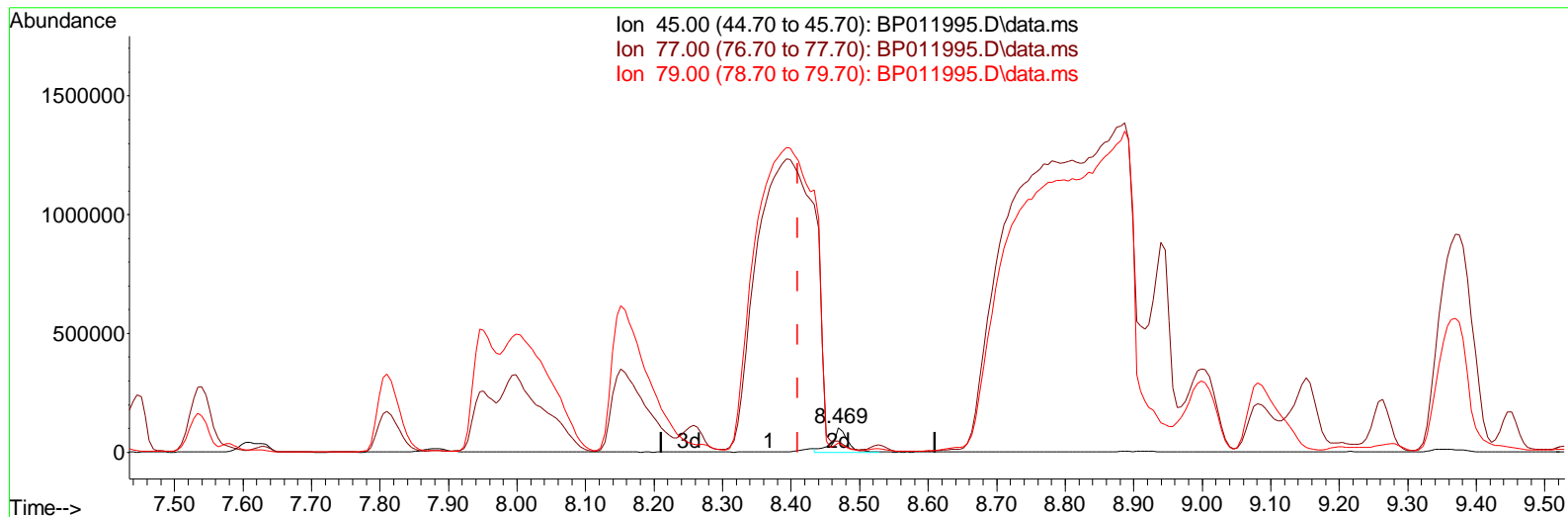
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

Quant Time: Oct 07 06:26:44 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

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



TIC: BP011995.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.469min (+ 0.059) 7.70 ng/ul m

response 152779

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.00	44.70#
79.00	15.60	37.91#
0.00	0.00	0.00



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**

BNA\_P

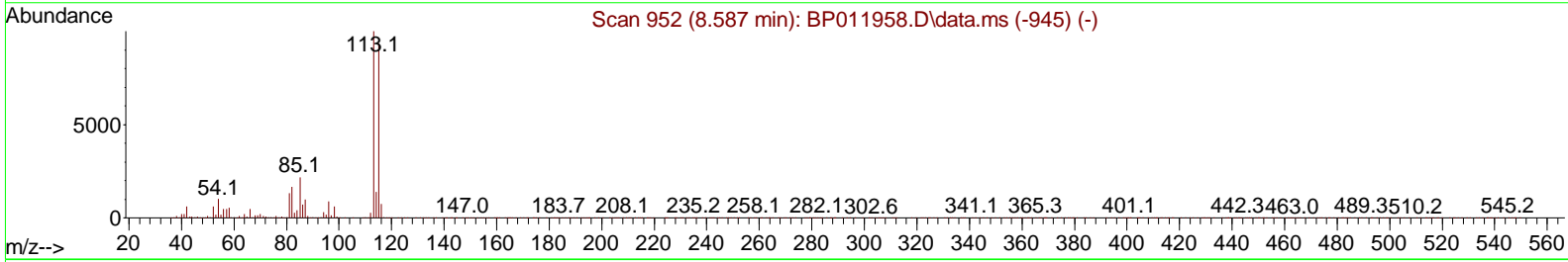
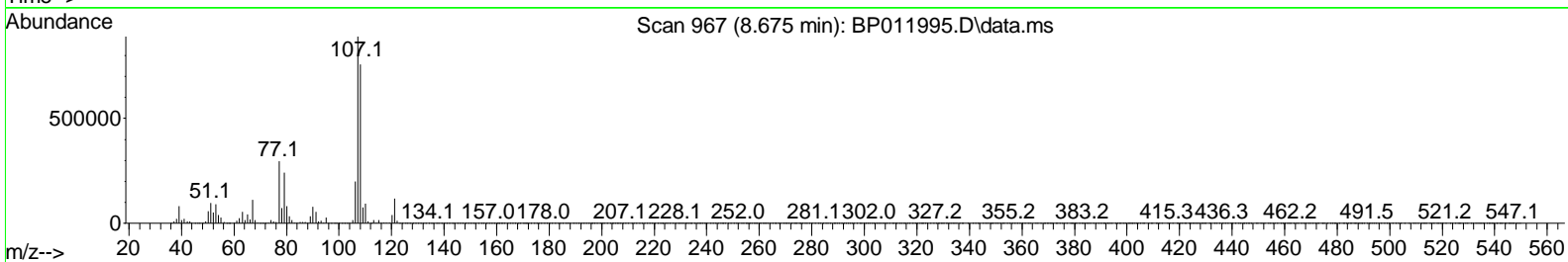
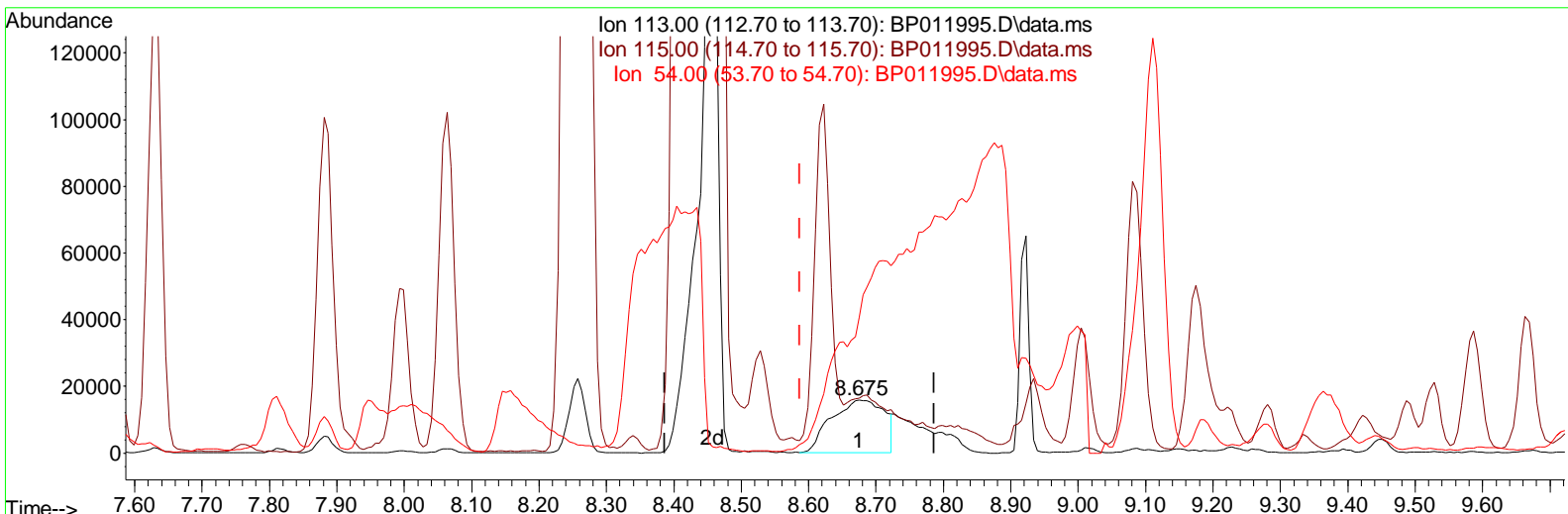
**ClientSampleId :**

E10007MSD

**Manual IntegrationsAPPROVED**

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TIC: BP011995.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.675min (+ 0.088) 4.29 ng/ul

response 86404

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	94.60	103.60
54.00	9.80	255.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

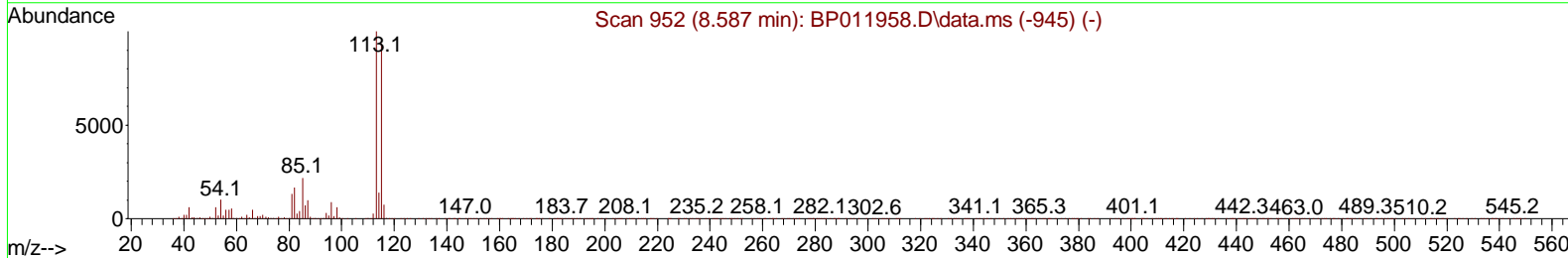
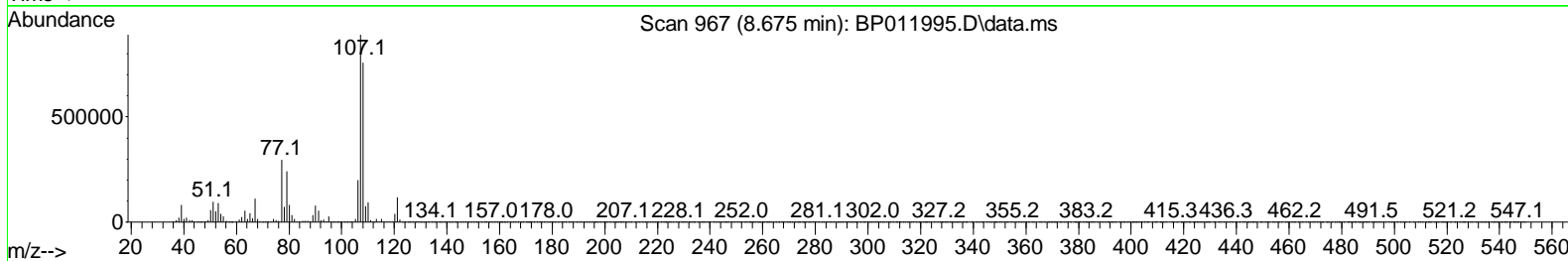
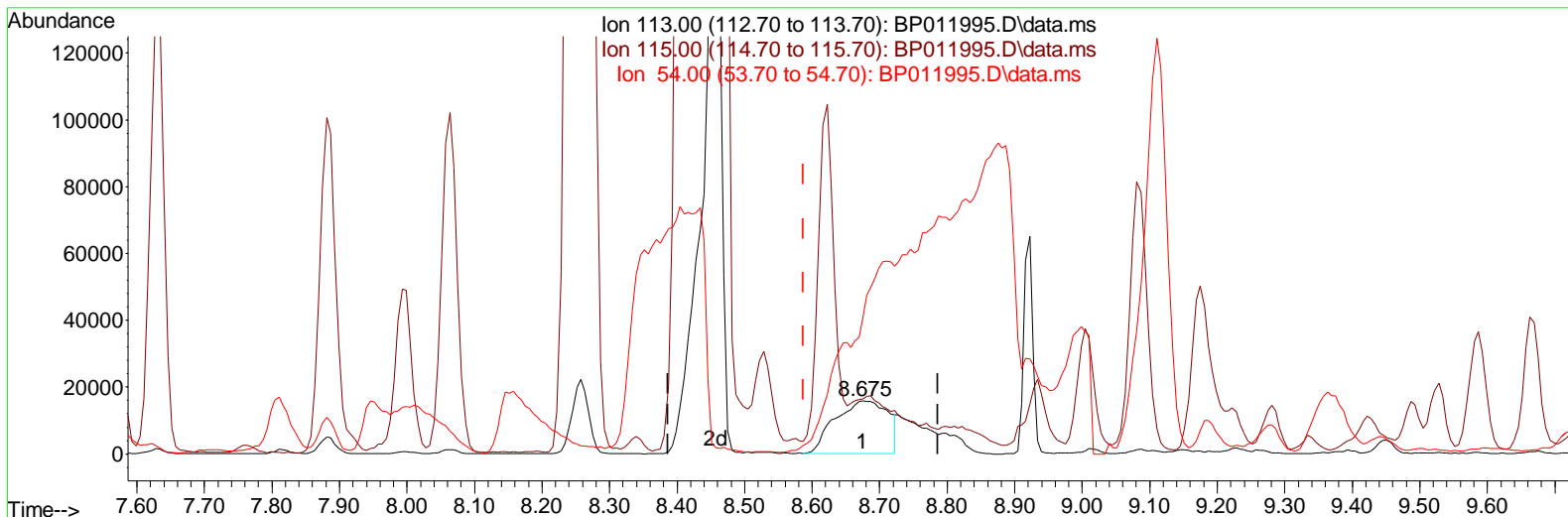
ClientSampleId :

E10007MSD

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TIC: BP011995.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.675min (+ 0.088) 4.29 ng/ul

response 86404

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	94.60	103.60
54.00	9.80	255.58#
0.00	0.00	0.00

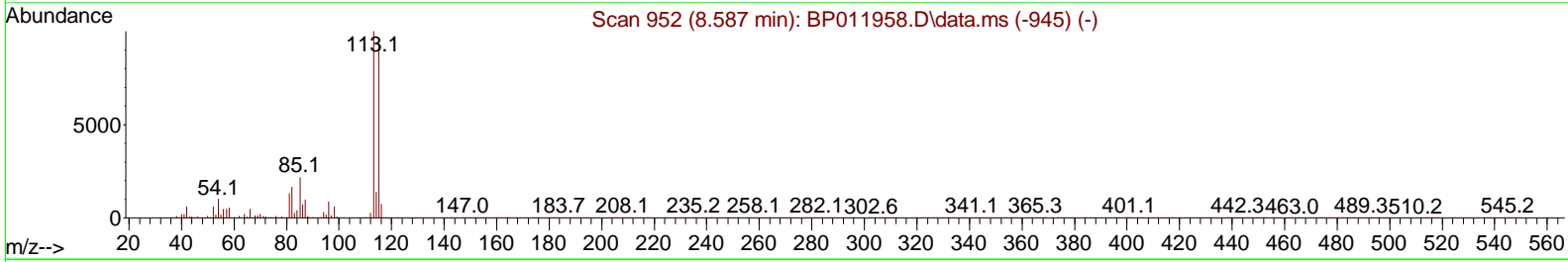
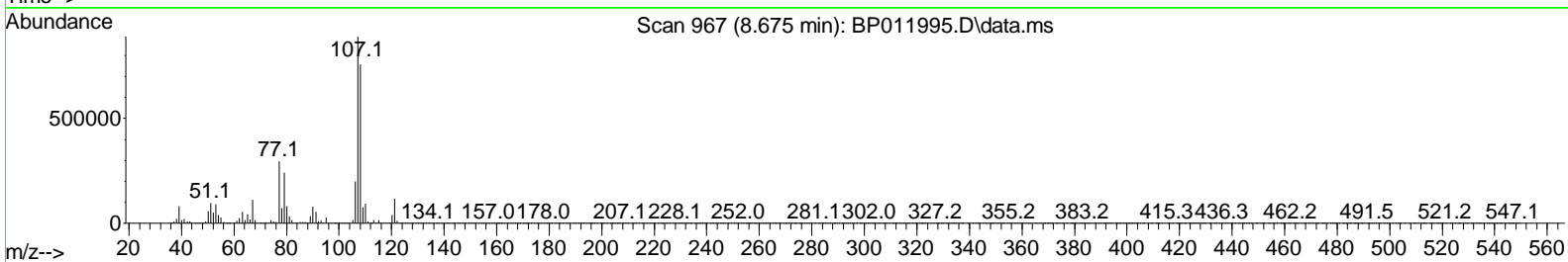
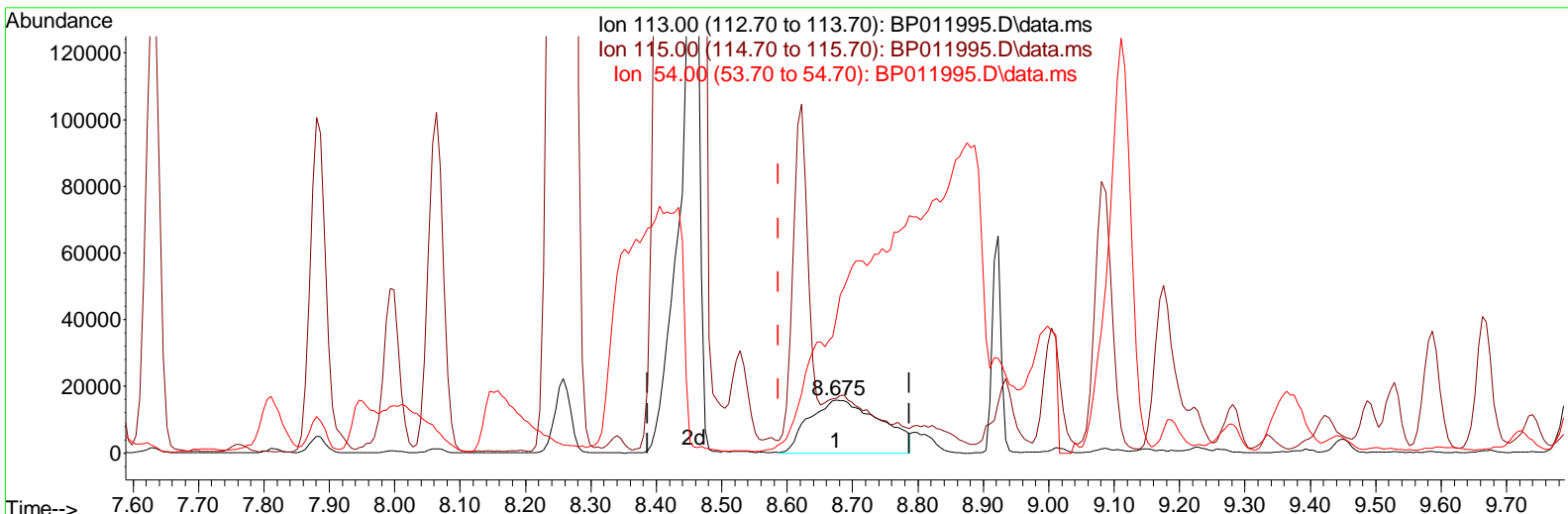
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TIC: BP011995.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.675min (+ 0.088) 6.02 ng/ul m

response 121315

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	94.60	103.60
54.00	9.80	255.58#
0.00	0.00	0.00

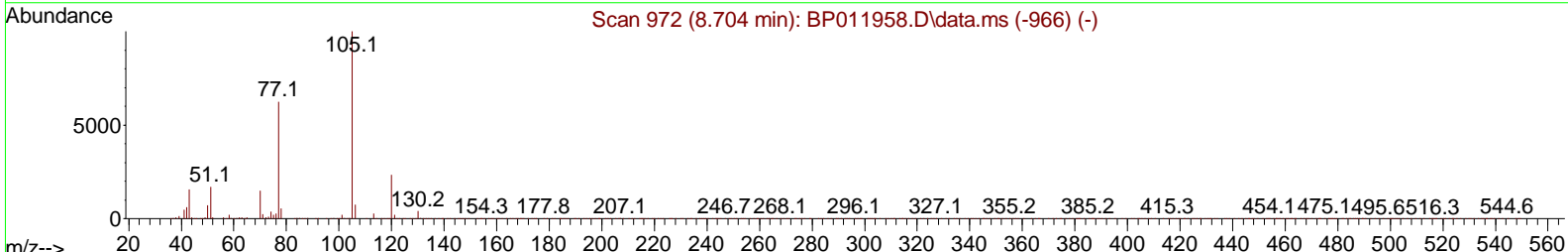
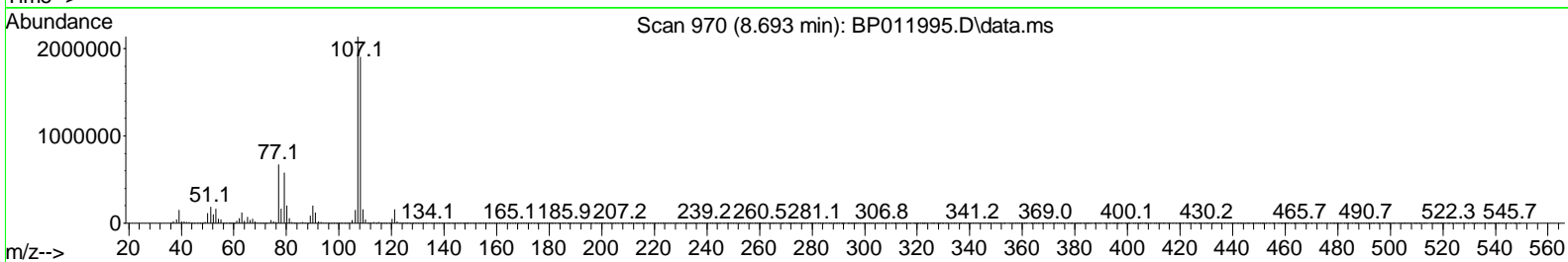
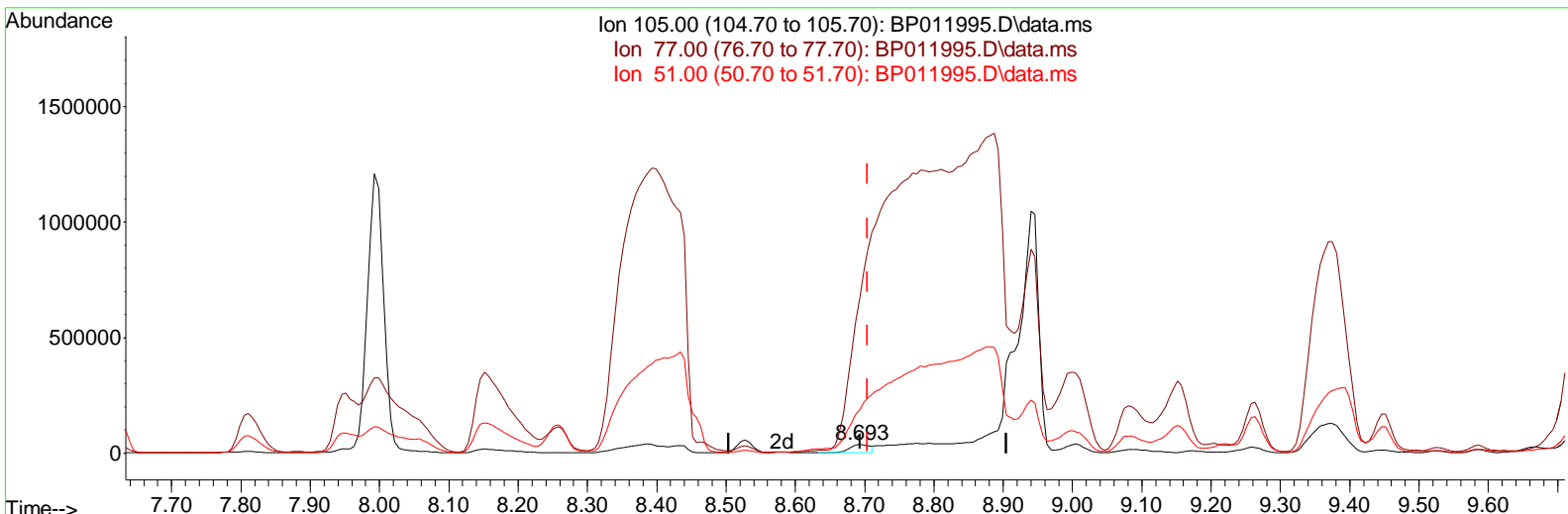
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011995.D\data.ms

(16) Acetophenone

8.693min (-0.012) 2.55 ng/ul

response 78471

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	69.20	1780.86#
51.00	19.00	498.29#
0.00	0.00	0.00

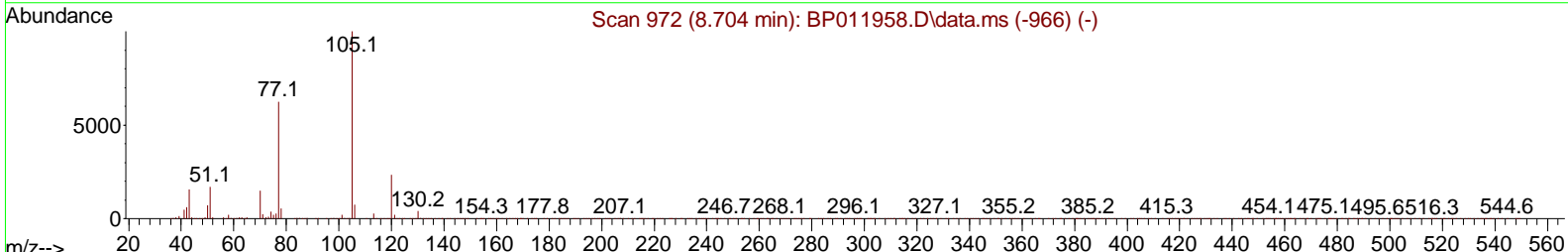
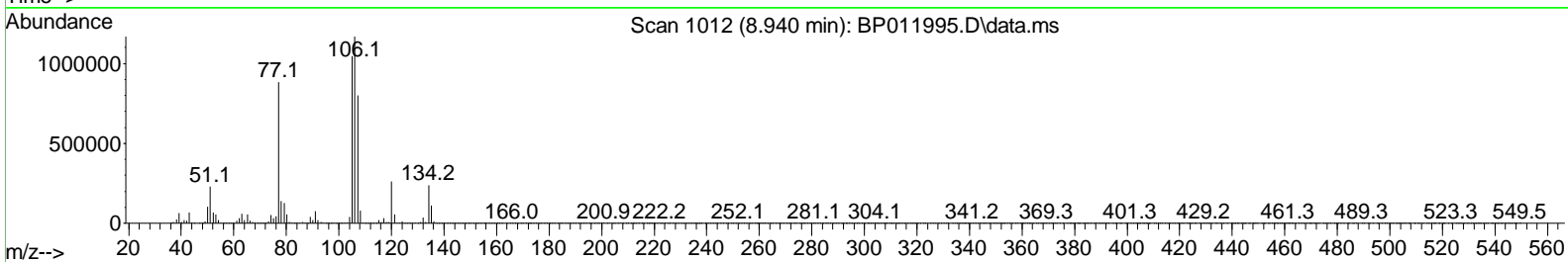
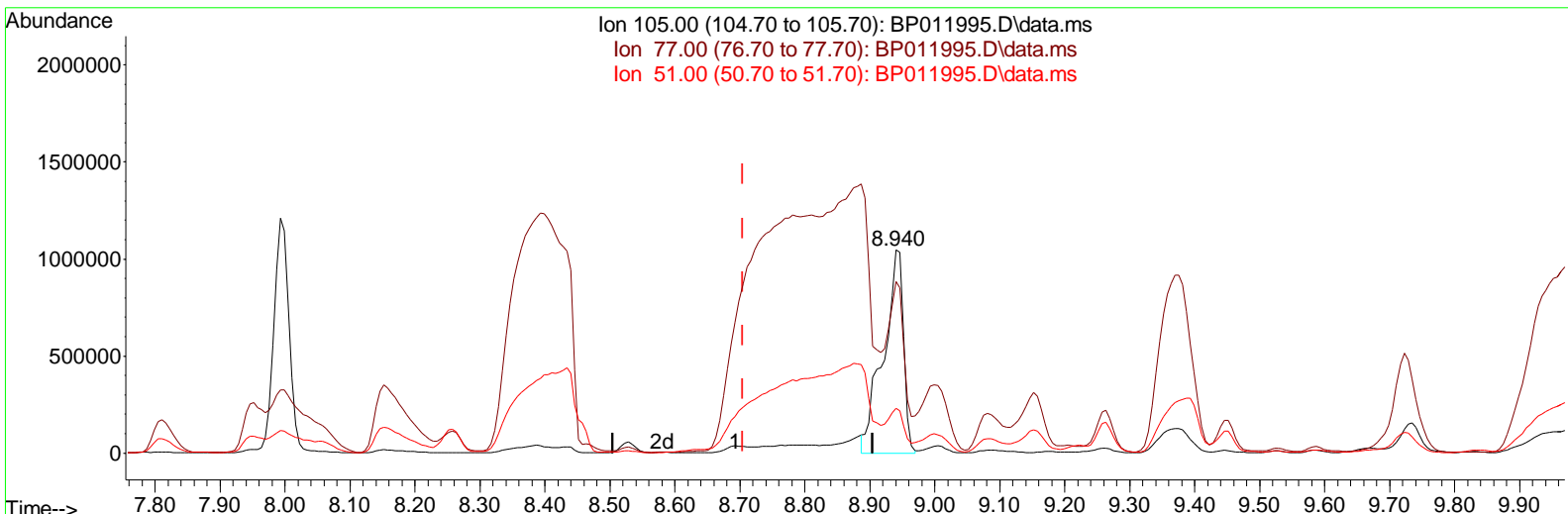
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 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Manual Integrations APPROVED

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 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration

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



TIC: BP011995.D\data.ms

(16) Acetophenone

8.940min (+ 0.235) 72.60 ng/ul m

response 2231777

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	69.20	84.47#
51.00	19.00	21.95
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

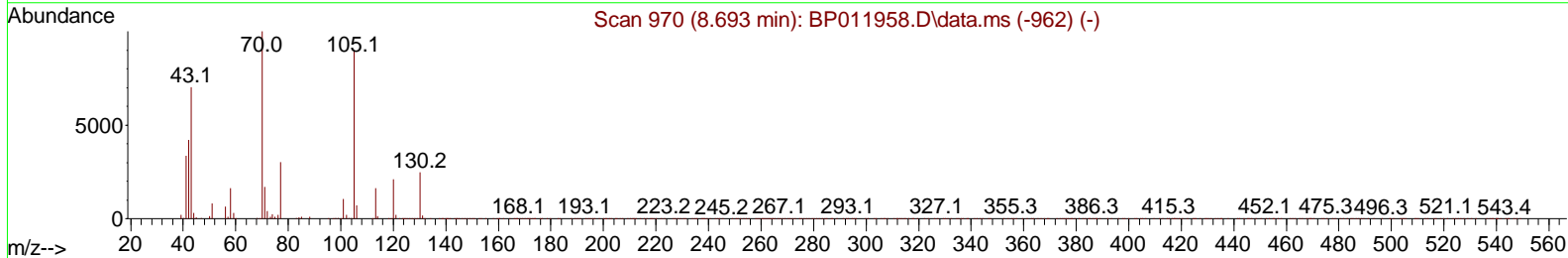
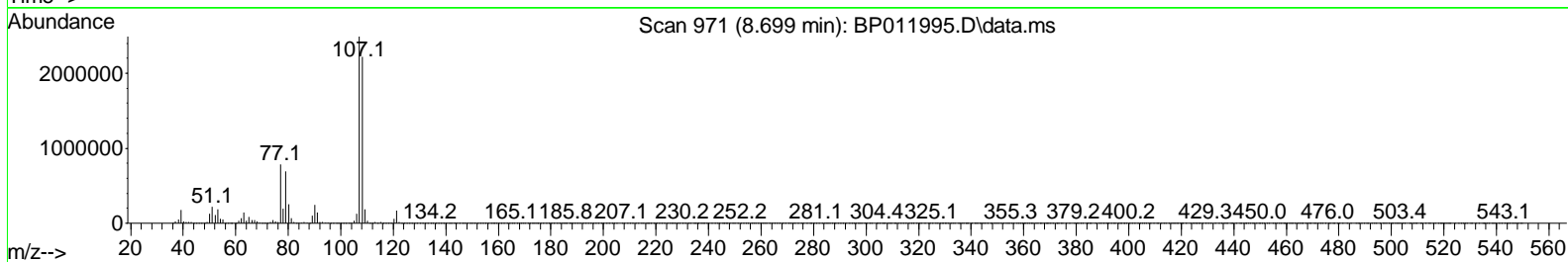
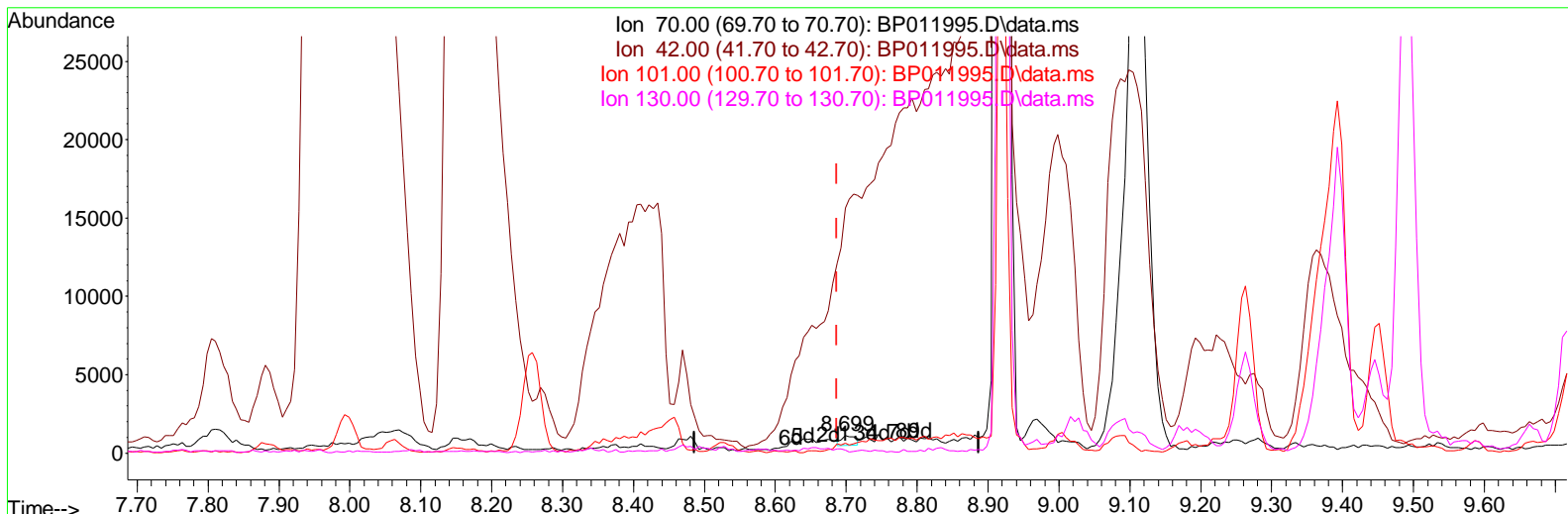
ClientSampleId :

E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

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

8.699min (+ 0.012) 0.06 ng/ul

response 862

Ion	Exp%	Act%
70.00	100.00	100.00
42.00	40.90	1376.12#
101.00	10.50	56.56#
130.00	24.30	14.71#

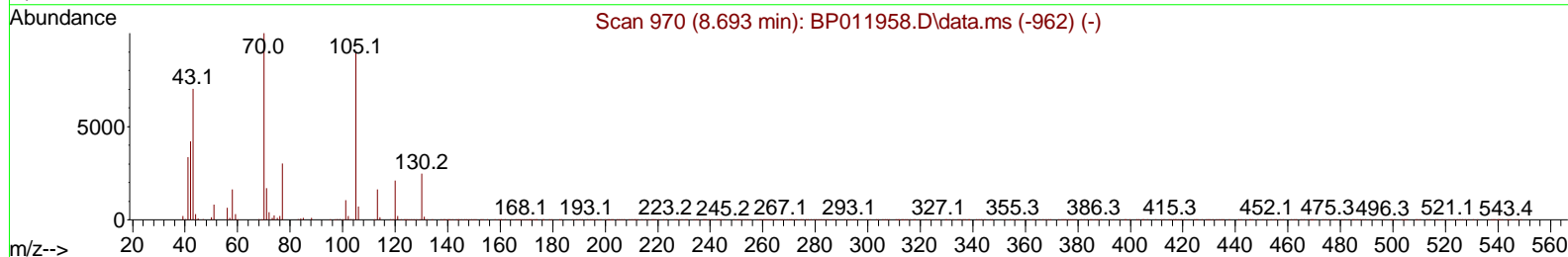
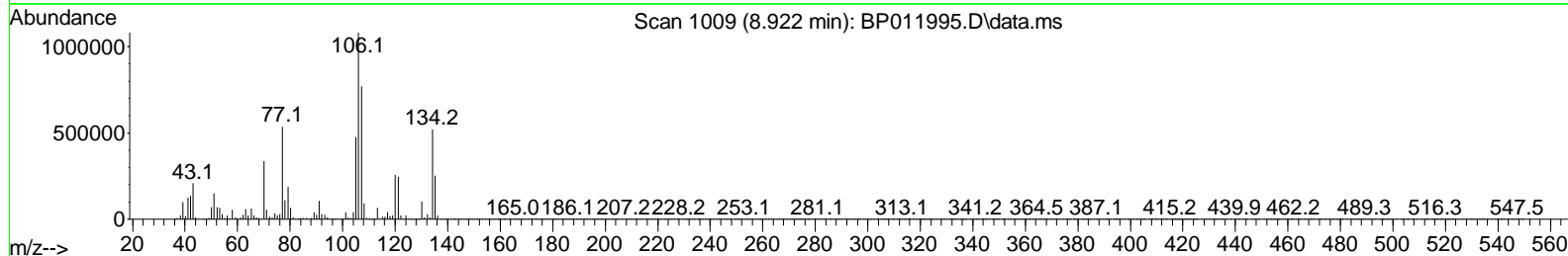
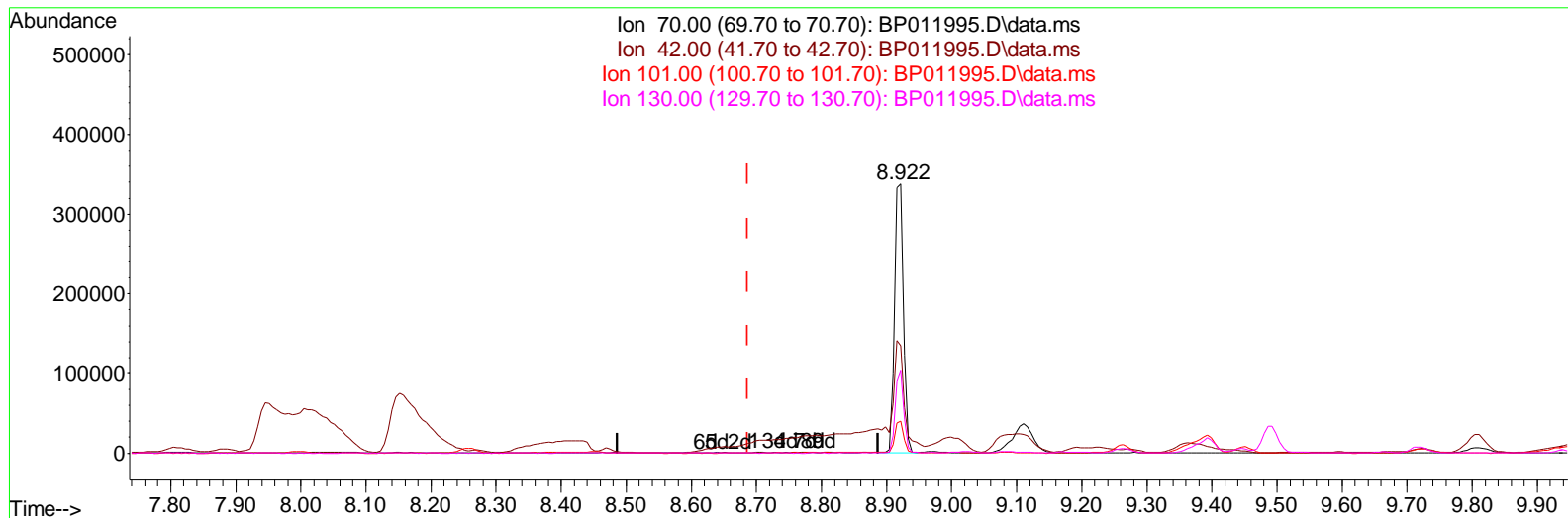
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

Quant Time: Oct 07 06:26:44 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 10/10/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011995.D\data.ms

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

8.922min (+ 0.235) 22.33 ng/ul m

response 323133

Ion	Exp%	Act%
70.00	100.00	100.00
42.00	40.90	40.05
101.00	10.50	11.82
130.00	24.30	30.54#

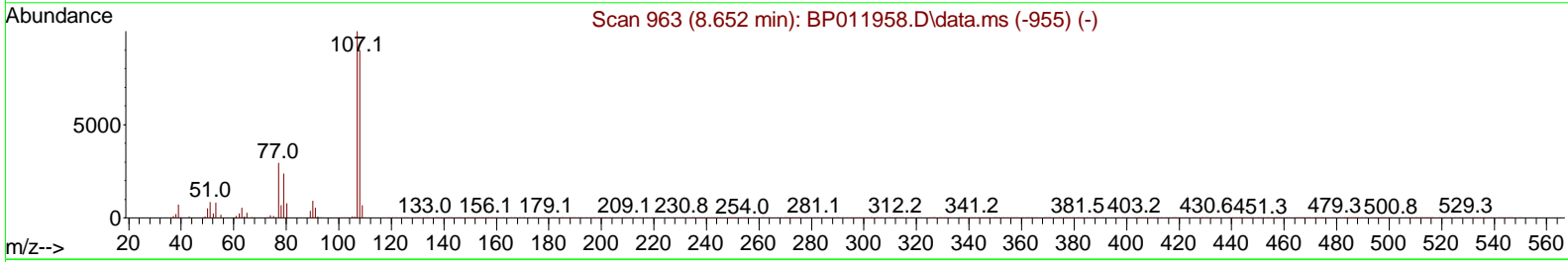
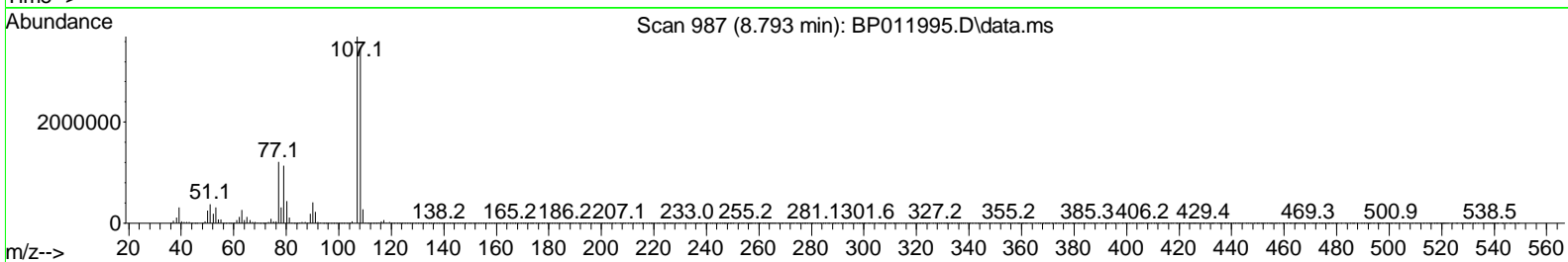
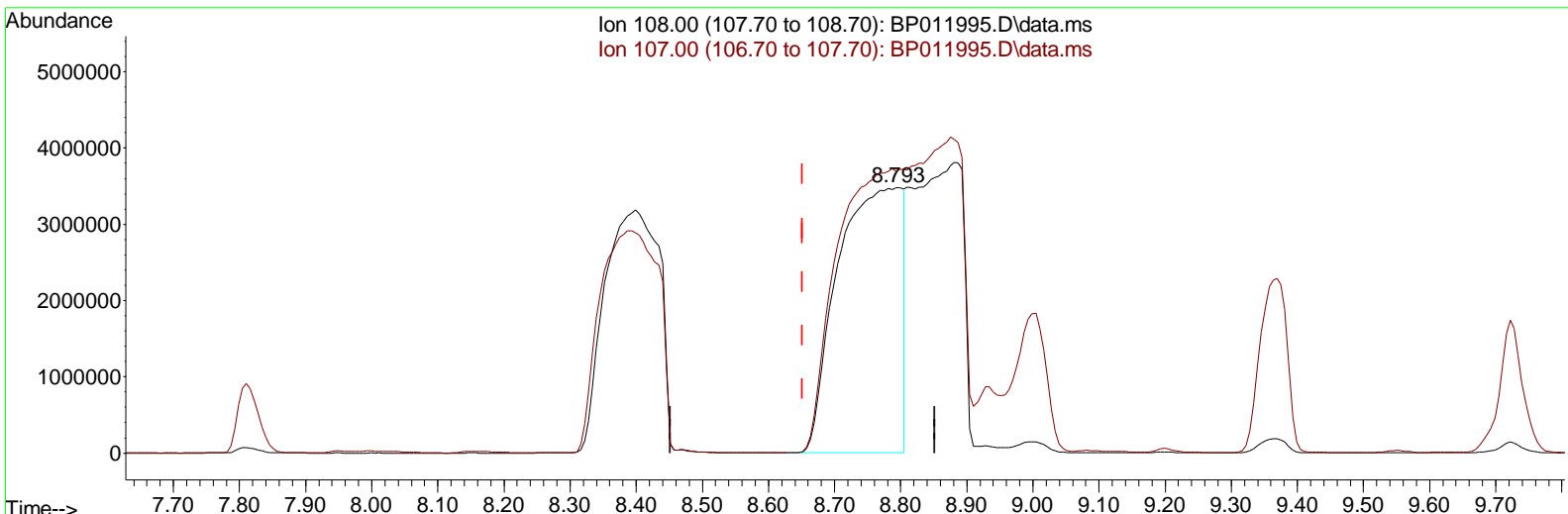
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(18) 4-Methylphenol

8.793min (+ 0.141) 1067.15 ng/u1

response 23436422

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	110.00	106.07
0.00	0.00	0.00
0.00	0.00	0.00



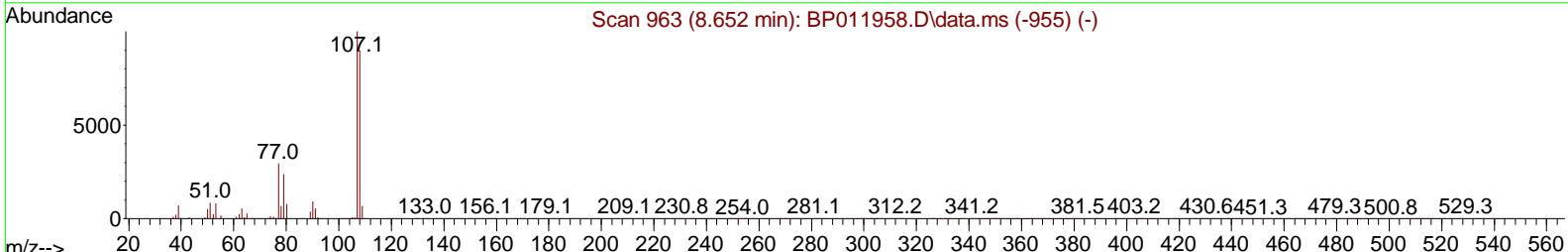
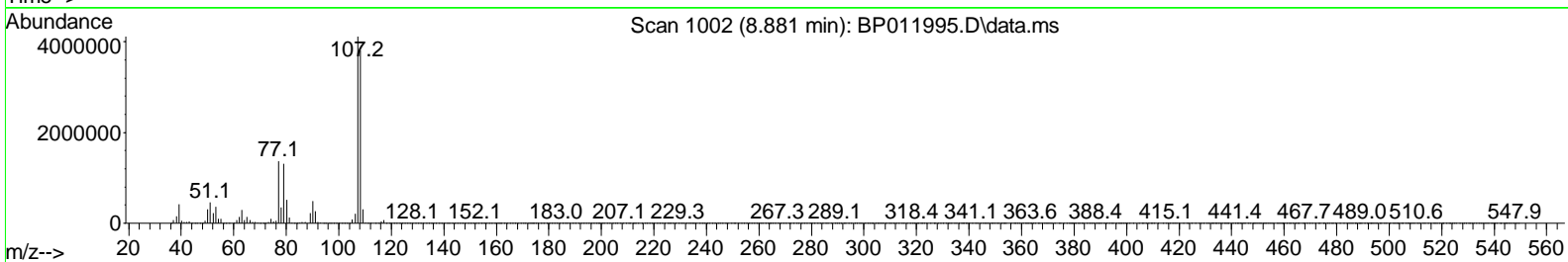
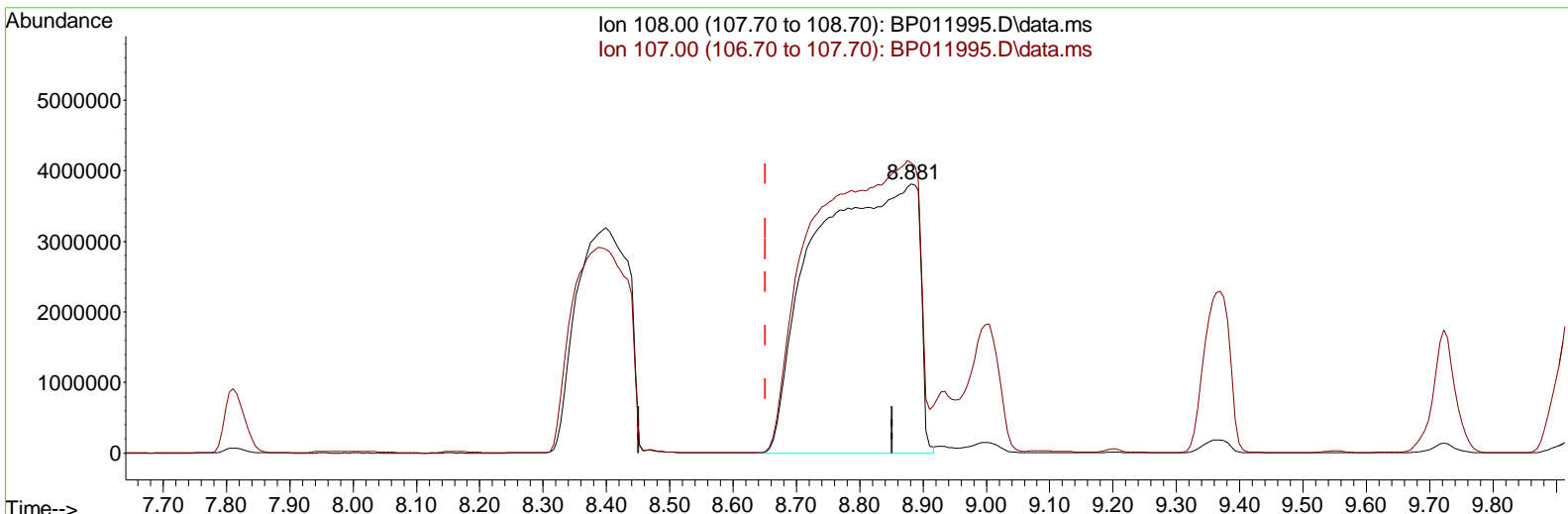
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(18) 4-Methylphenol

8.881min (+ 0.229) 1983.75 ng/ul m

response 43566561

Ion	Exp%	Act%
108.00	100.00	100.00
107.00	110.00	107.97
0.00	0.00	0.00
0.00	0.00	0.00

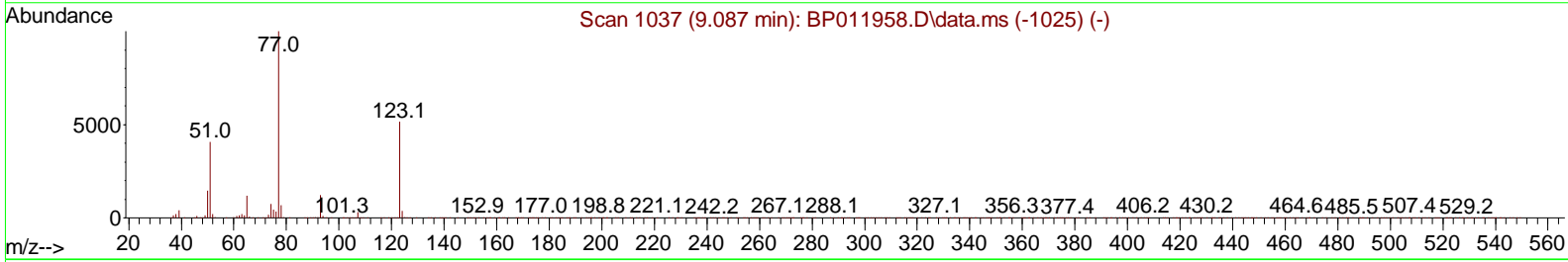
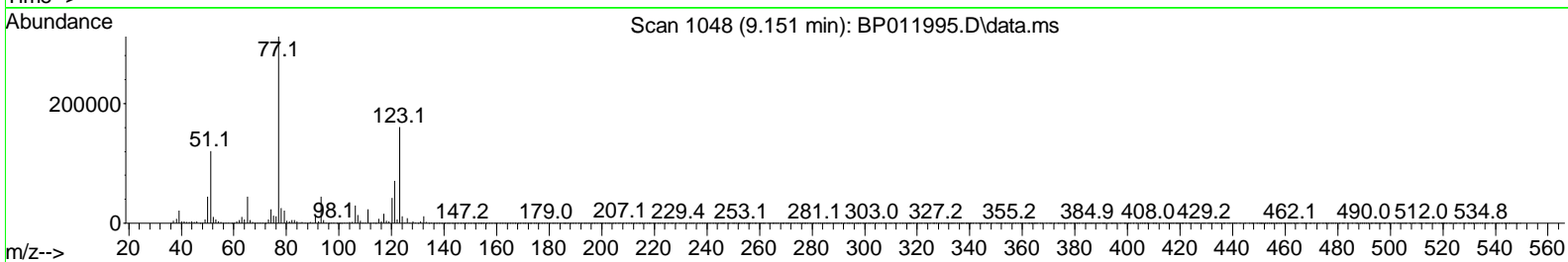
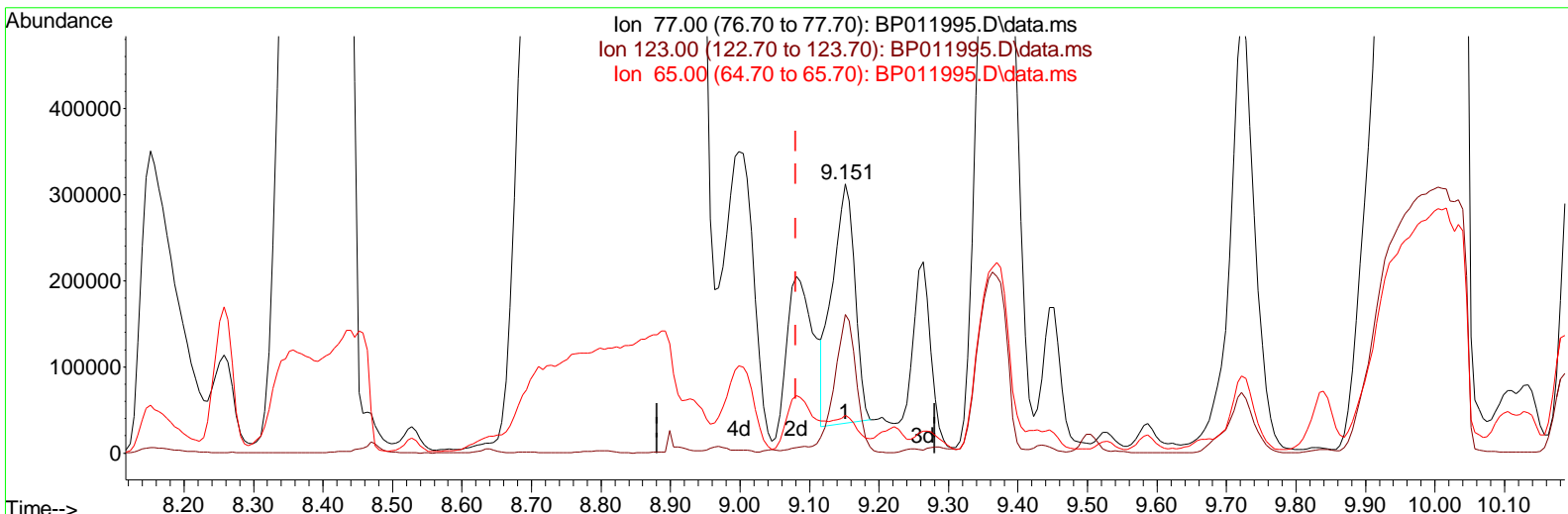
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(22) Nitrobenzene

9.151min (+ 0.070) 52.35 ng/ul

response 629678

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	52.00	51.50
65.00	12.10	14.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**

BNA\_P

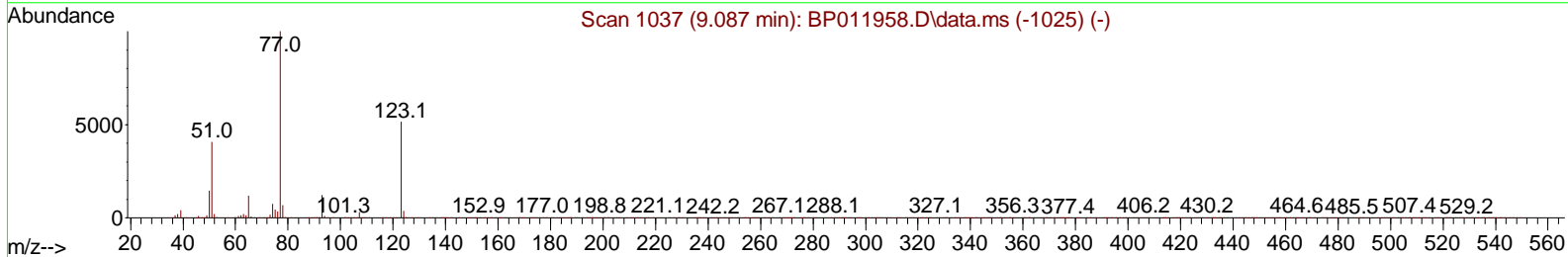
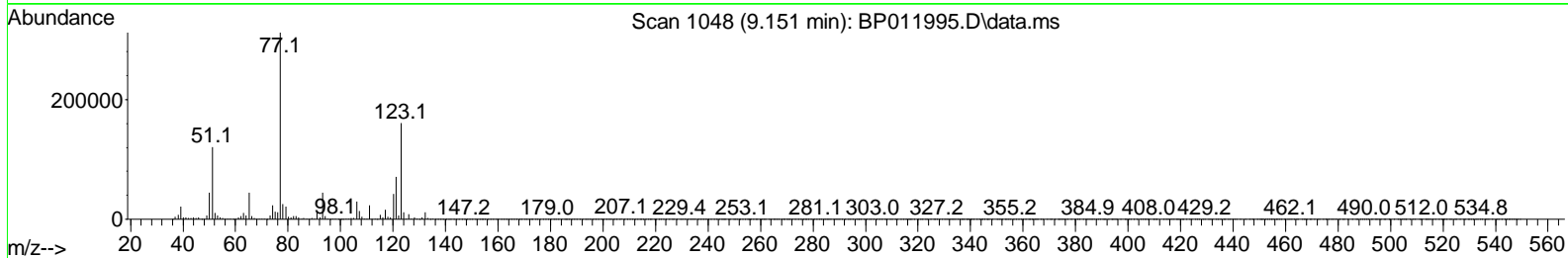
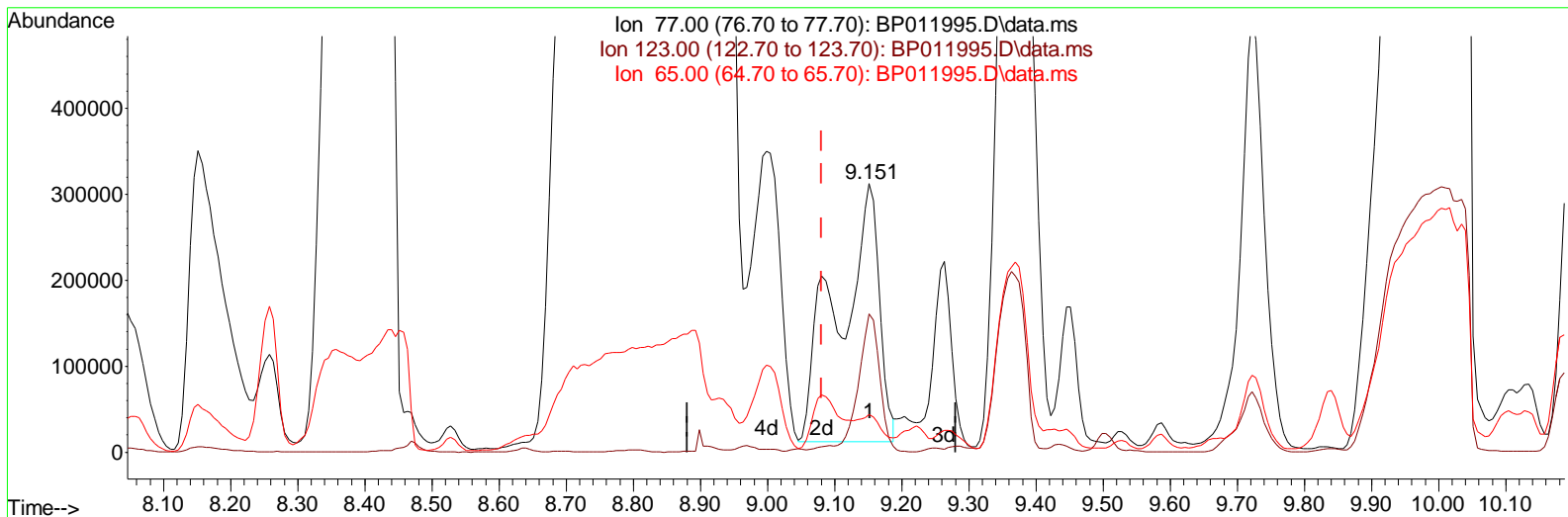
**ClientSampleId :**

E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

**(22) Nitrobenzene**

9.151min (+ 0.070) 104.42 ng/ul m

response 1255961

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	52.00	51.50
65.00	12.10	14.14
0.00	0.00	0.00

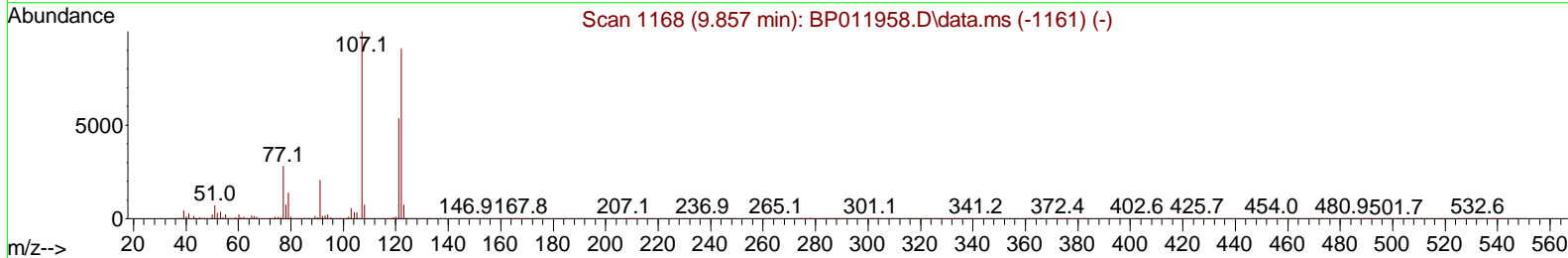
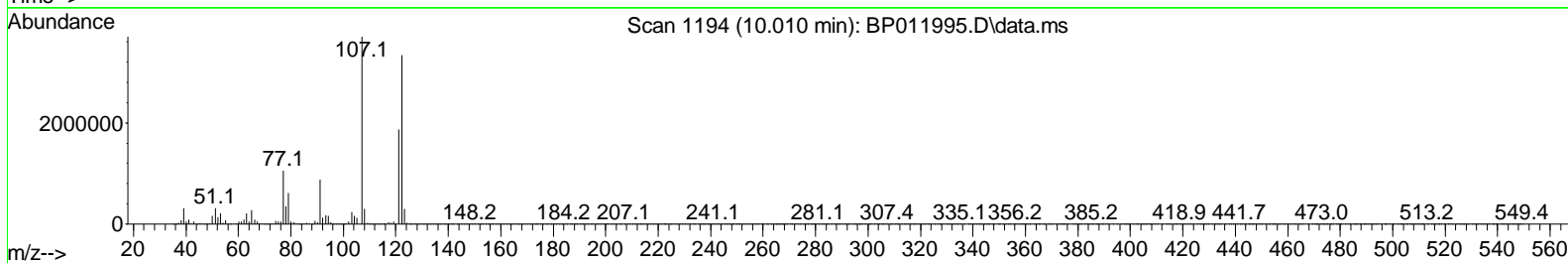
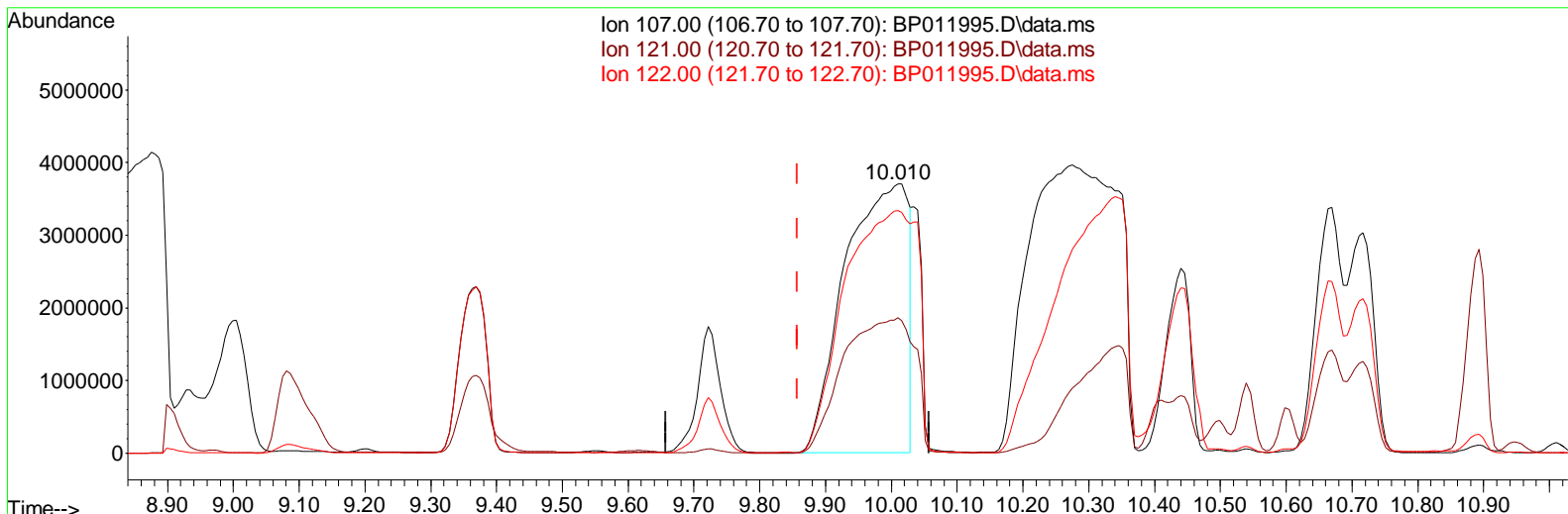
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(26) 2,4-Dimethylphenol

10.010min (+ 0.153) 1920.66 ng/ul

response 24657846

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	53.80	50.44
122.00	93.60	90.20
0.00	0.00	0.00

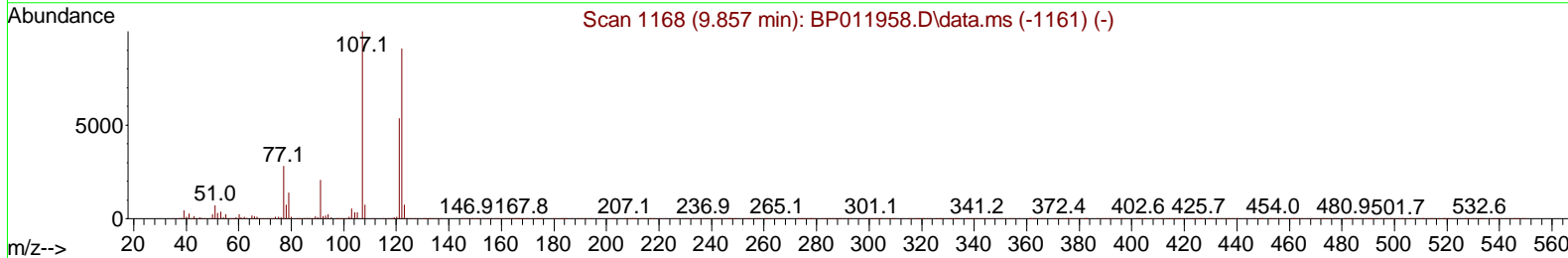
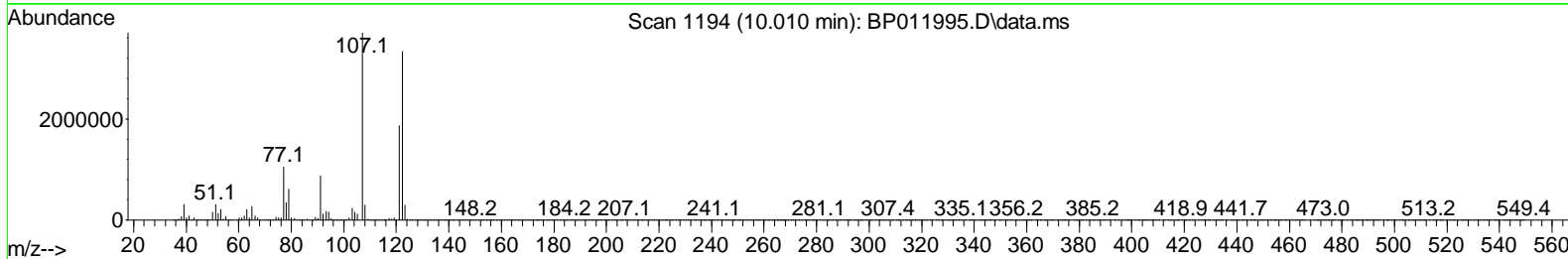
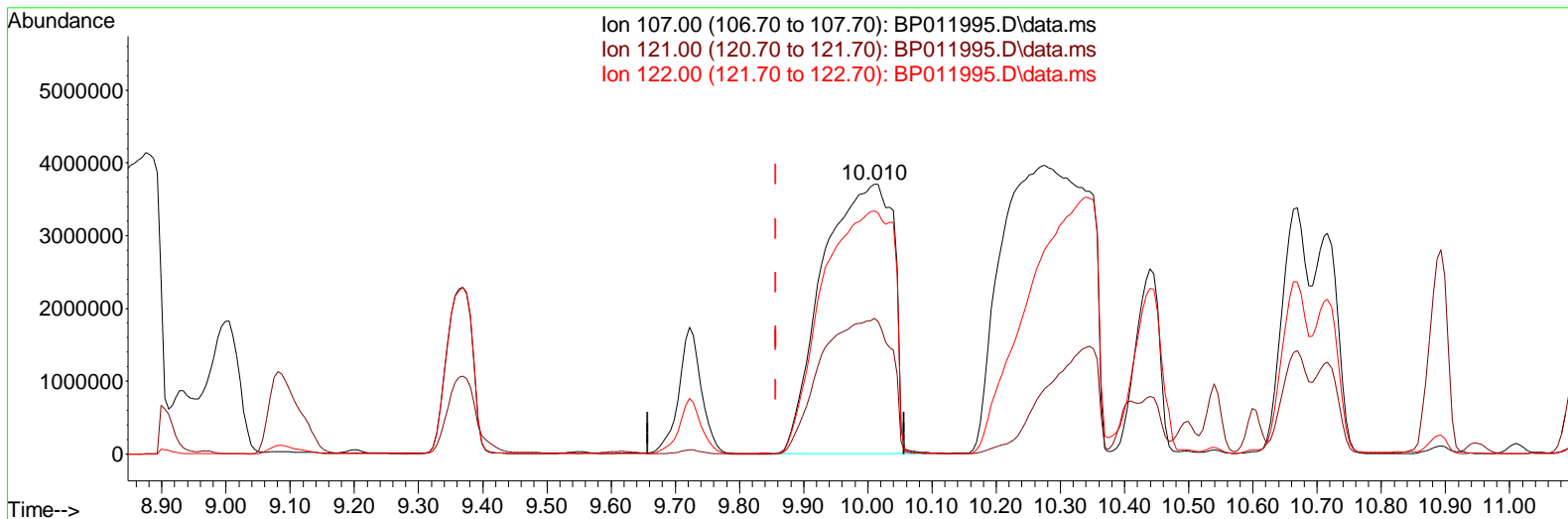
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(26) 2,4-Dimethylphenol

10.010min (+ 0.153) 2196.71 ng/ul m

response 28201874

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	53.80	50.44
122.00	93.60	90.20
0.00	0.00	0.00

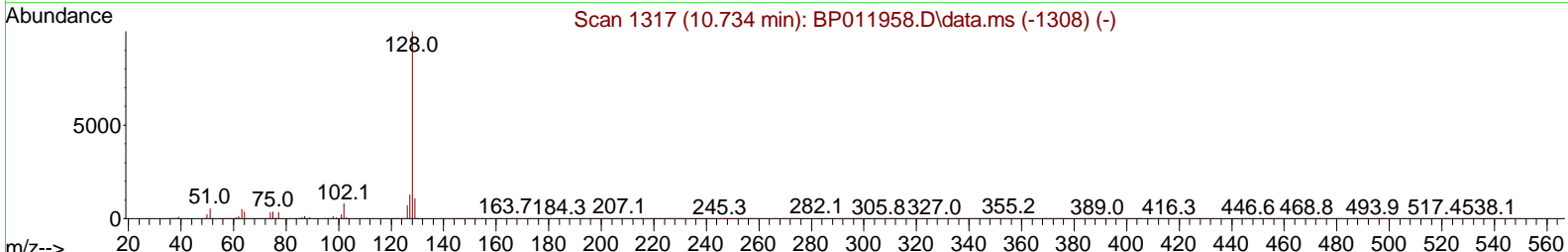
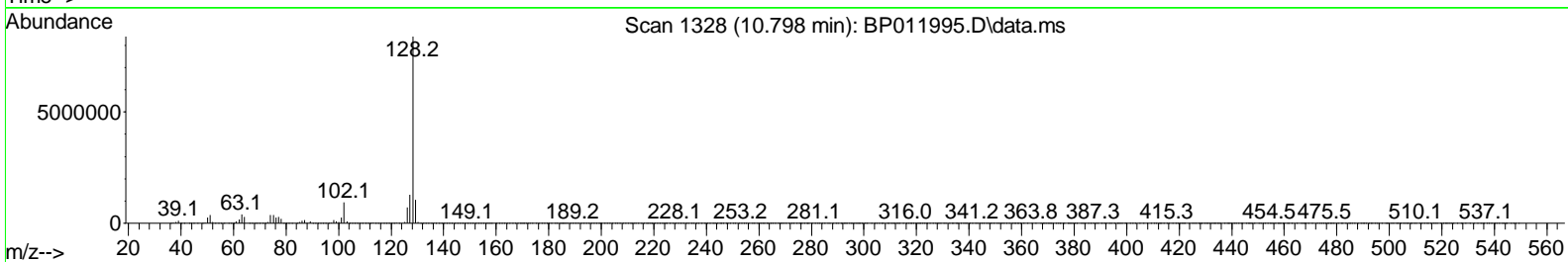
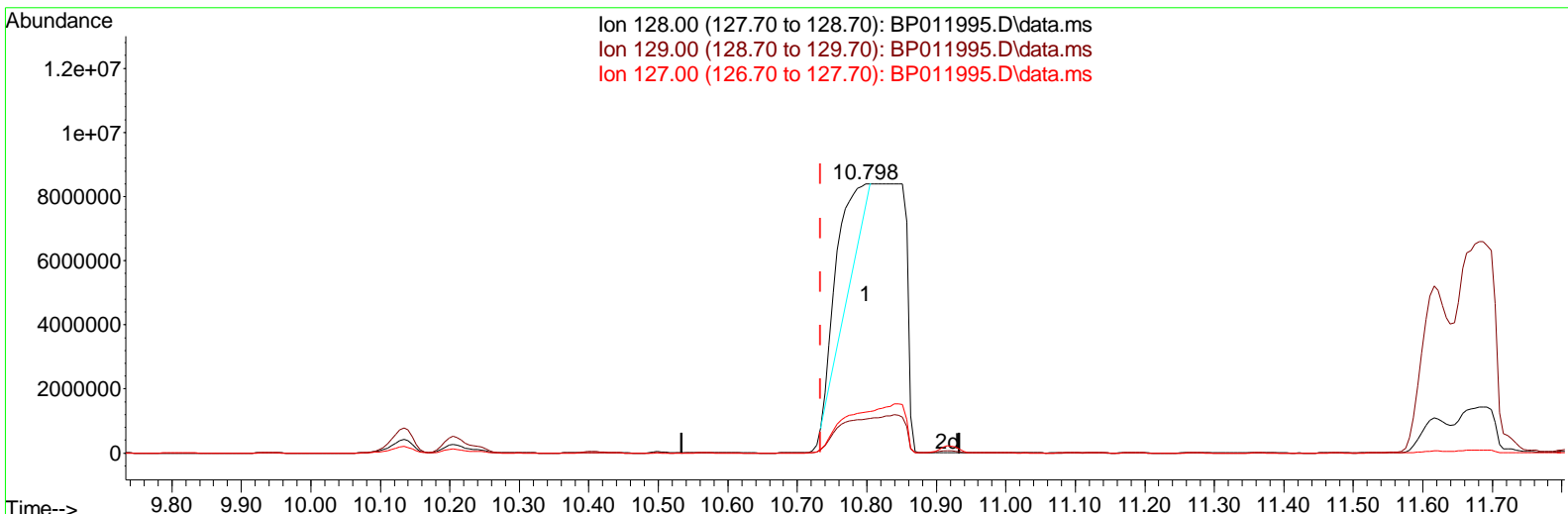
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(30) Naphthalene

10.798min (+ 0.065) 236.08 ng/u1

response 9310520

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.10	12.64
127.00	13.10	15.31
0.00	0.00	0.00

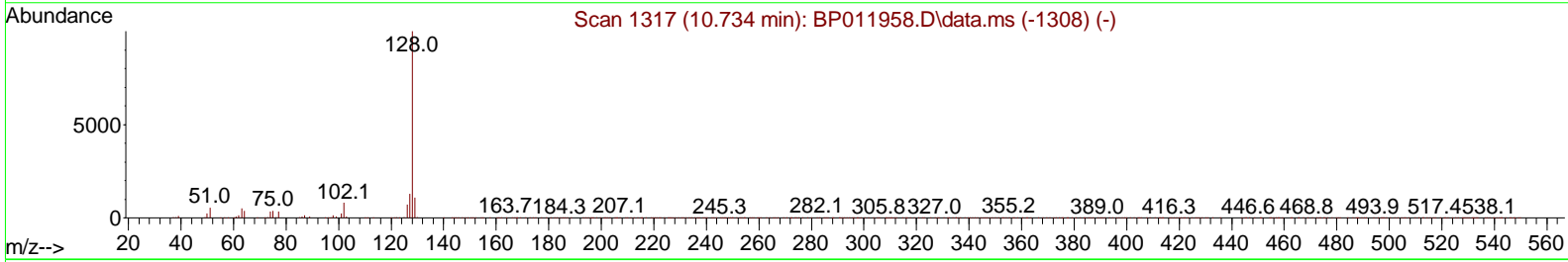
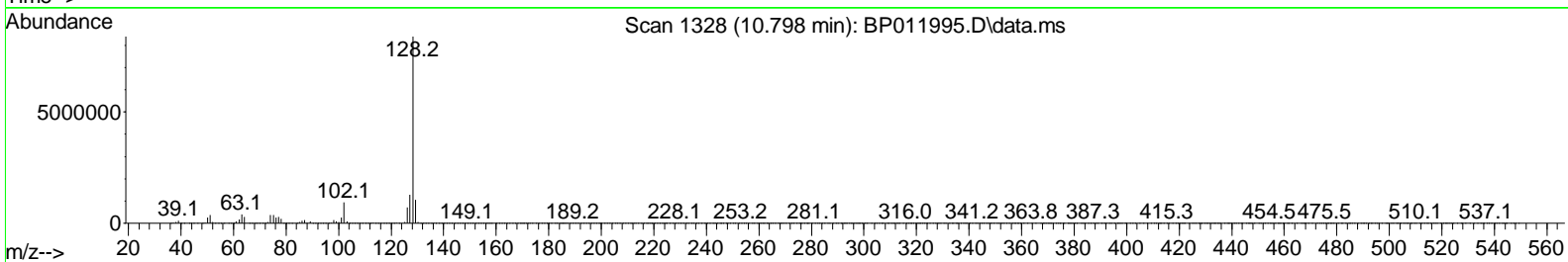
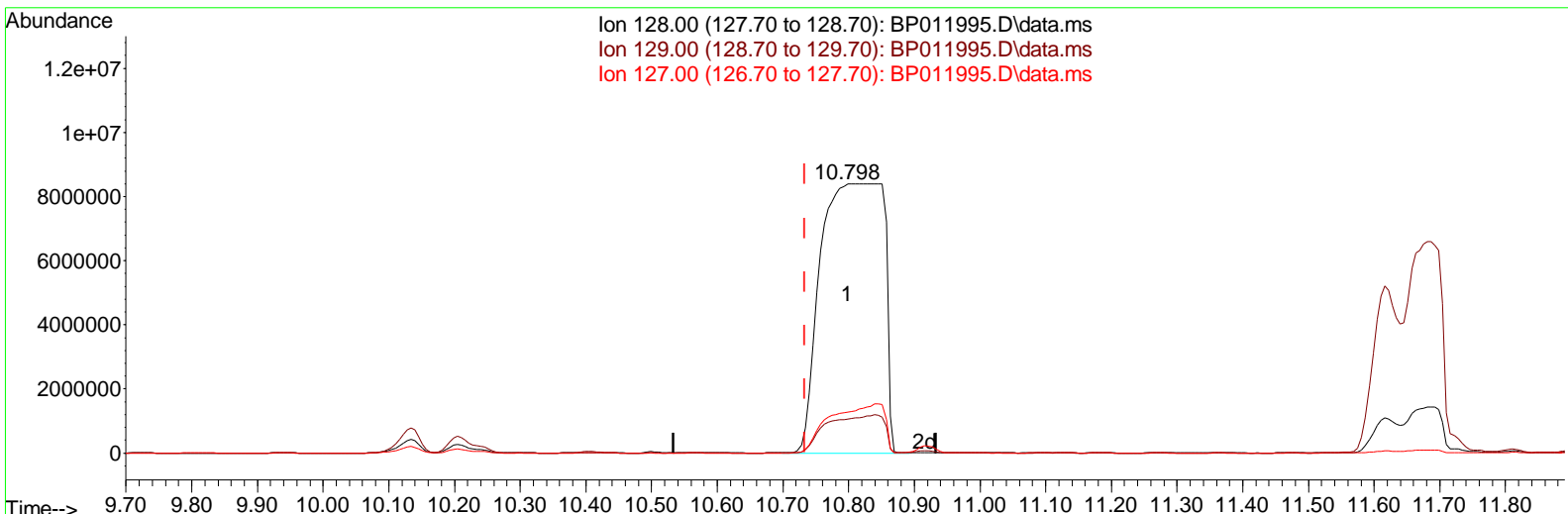
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(30) Naphthalene

10.798min (+ 0.065) 1407.73 ng/ul m

response 55518426

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.10	12.64
127.00	13.10	15.31
0.00	0.00	0.00

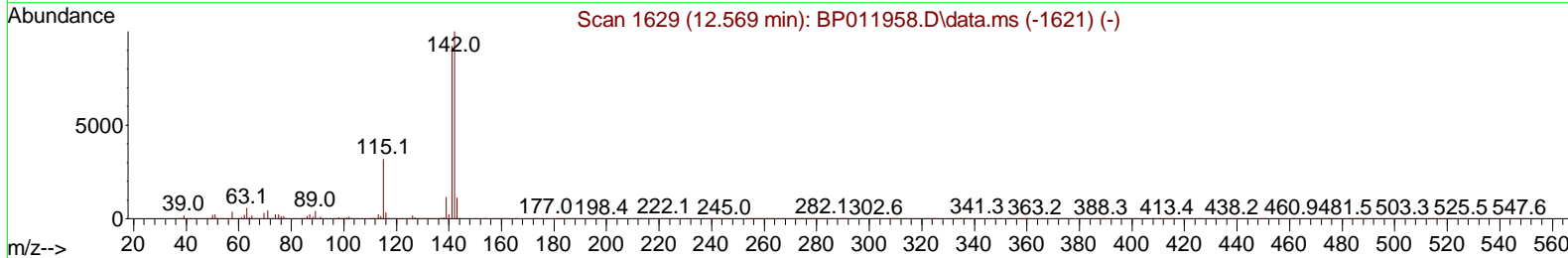
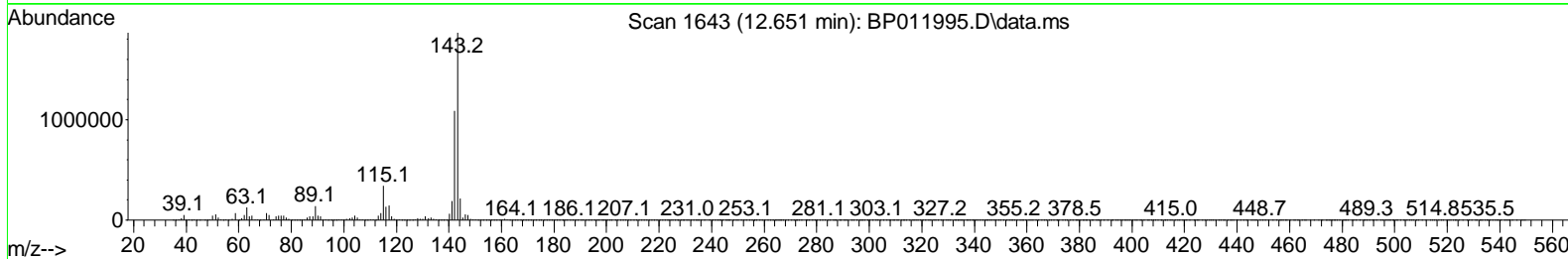
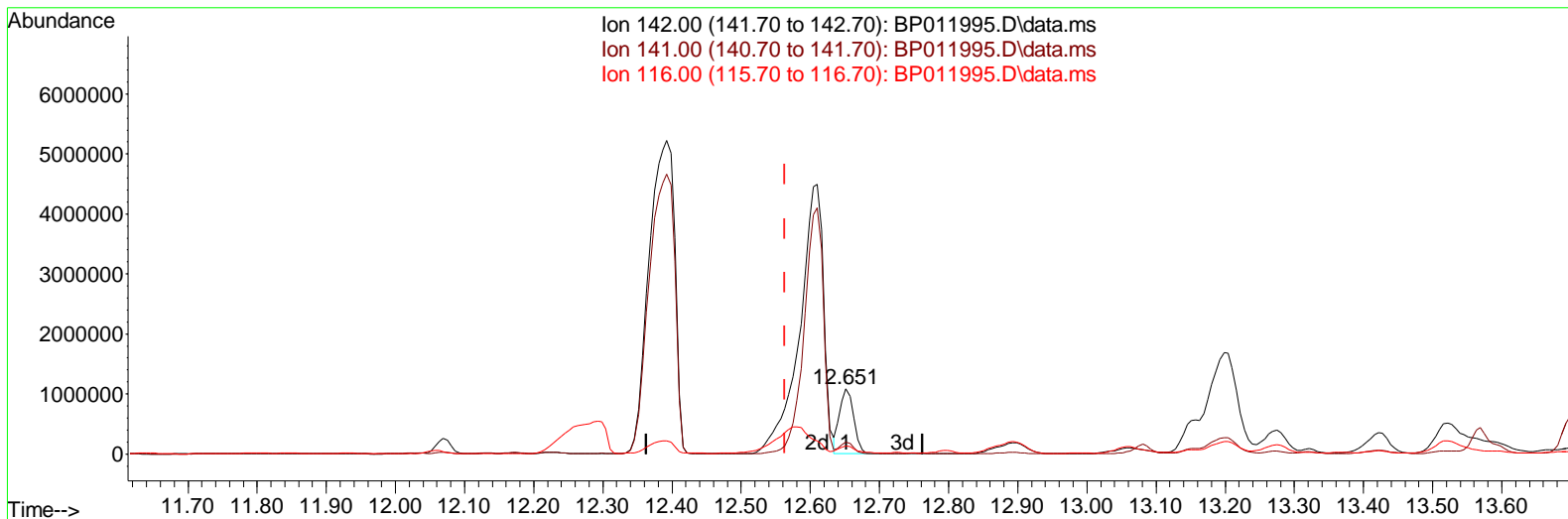
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

Quant Time: Oct 07 06:26:44 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 10/10/2022  
 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011995.D\data.ms

**(37) 1-Methylnaphthalene**

12.651min (+ 0.088) 55.74 ng/ul

response 1540539

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.50	17.75#
116.00	3.60	12.41#
0.00	0.00	0.00



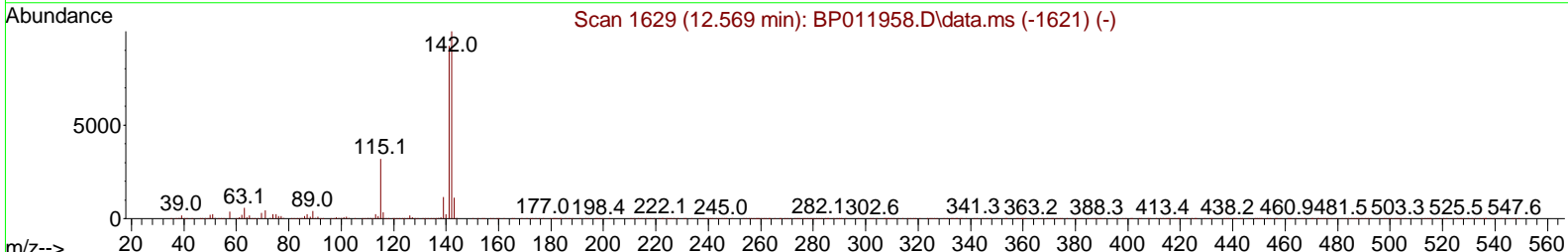
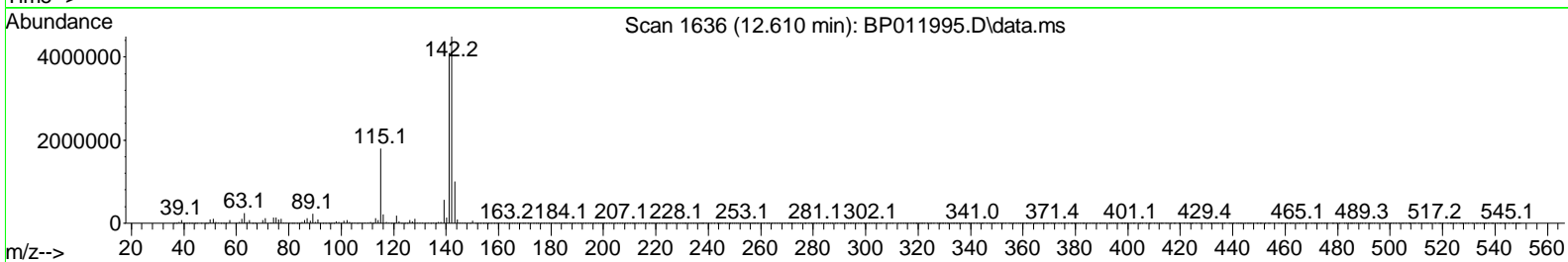
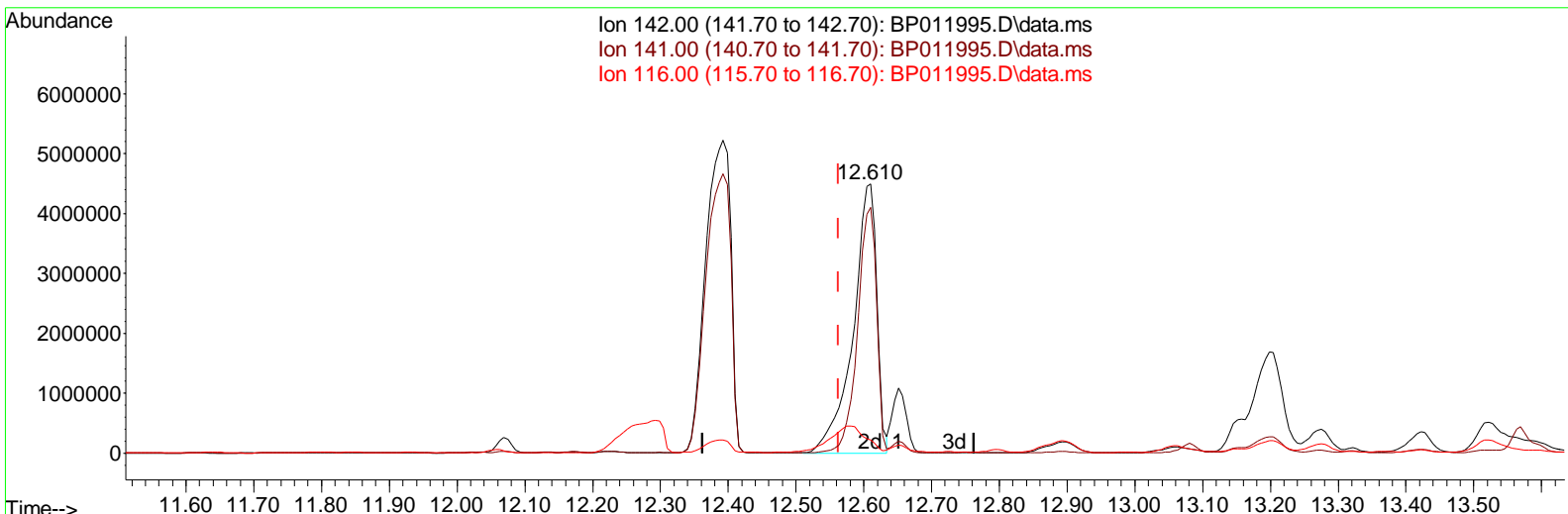
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

**(37) 1-Methylnaphthalene**

12.610min (+ 0.047) 392.83 ng/ul m

response 10856159

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.50	91.36
116.00	3.60	4.85#
0.00	0.00	0.00

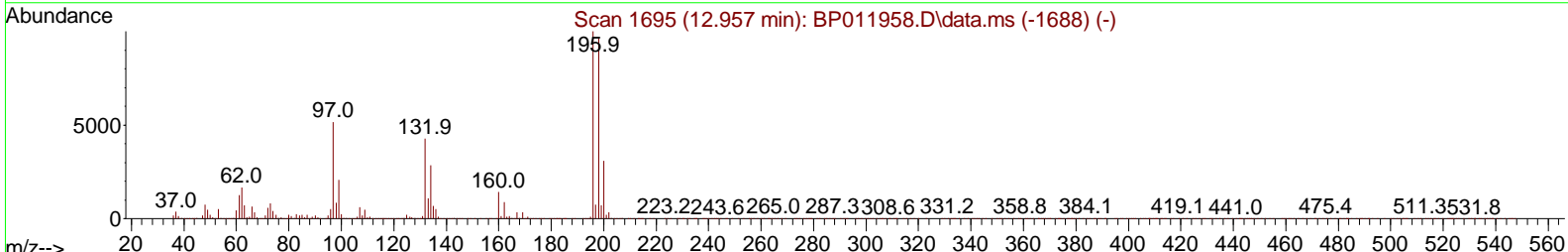
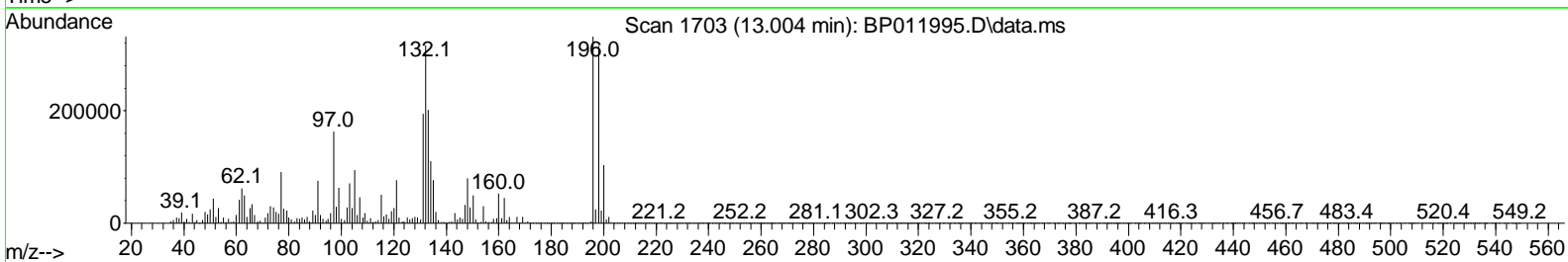
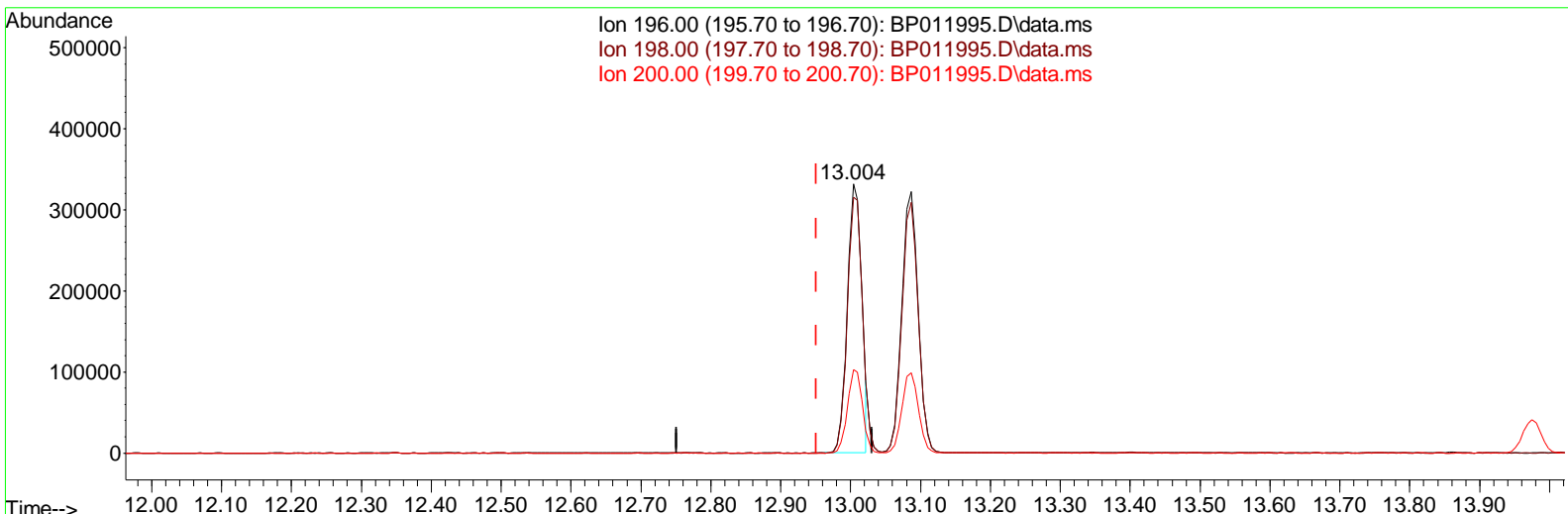
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

Quant Time: Oct 07 06:26:44 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 10/10/2022  
 Supervised By : mohammad ahmed 10/10/2022



TIC: BP011995.D\data.ms

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

13.004min (+ 0.053) 33.18 ng/ul

response 475848

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	98.40	95.08
200.00	30.60	31.14
0.00	0.00	0.00

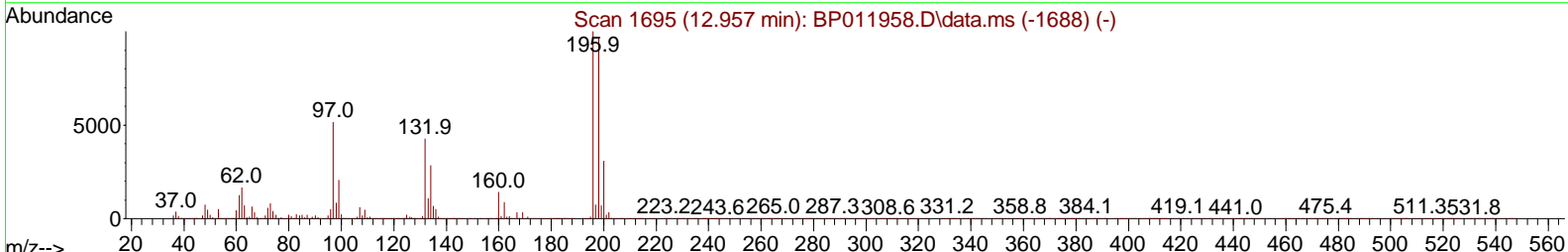
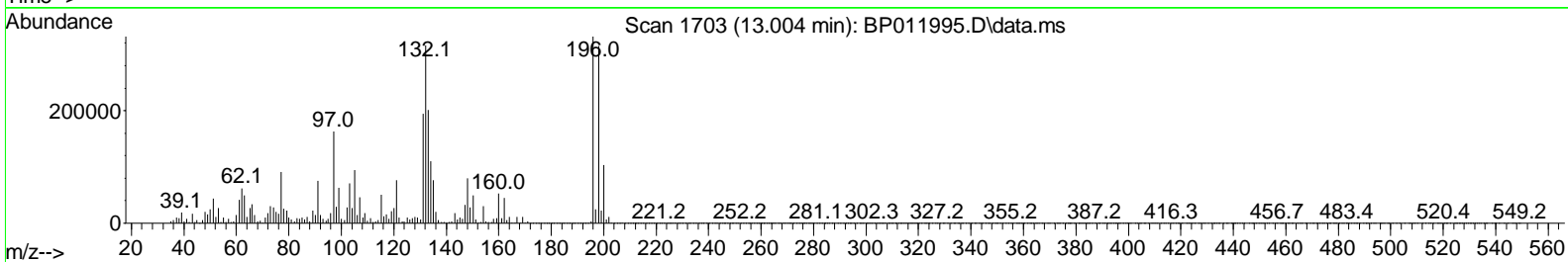
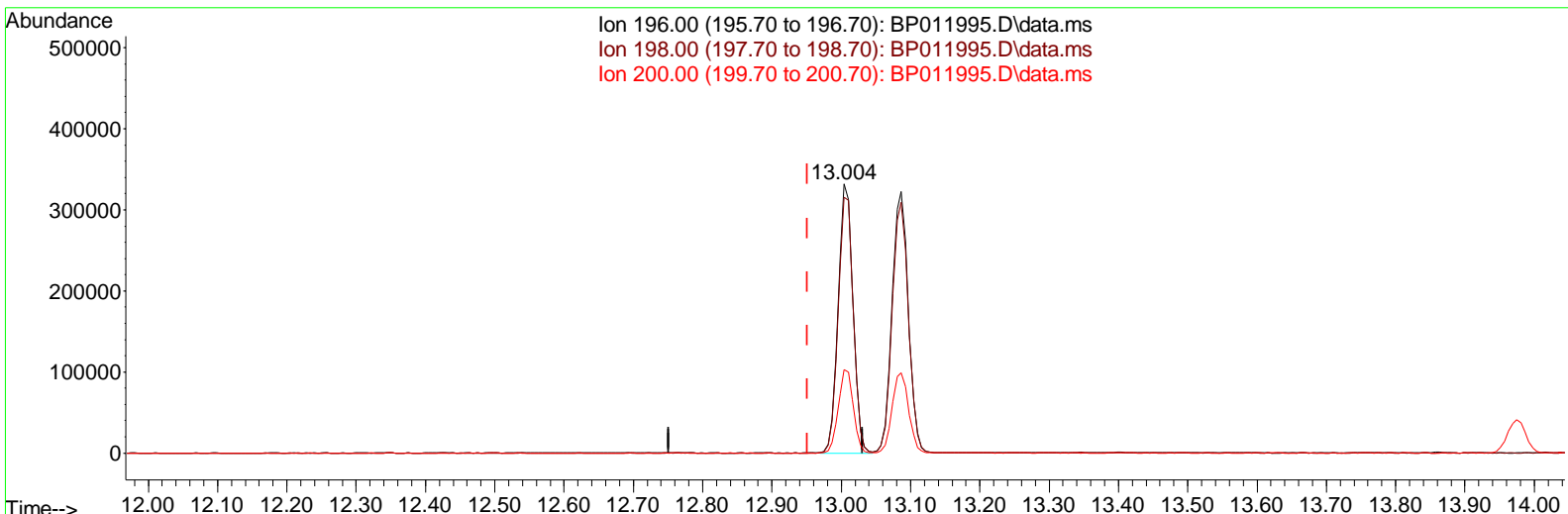
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

Quant Time: Oct 07 06:26:44 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 10/10/2022  
 Supervised By : mohammad ahmed 10/10/2022



TIC: BP011995.D\data.ms

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

13.004min (+ 0.053) 34.17 ng/ul m

response 490033

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	98.40	95.08
200.00	30.60	31.14
0.00	0.00	0.00

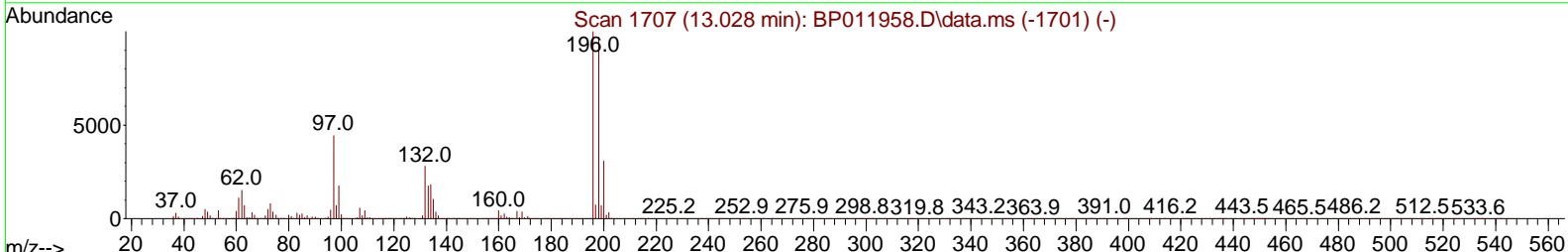
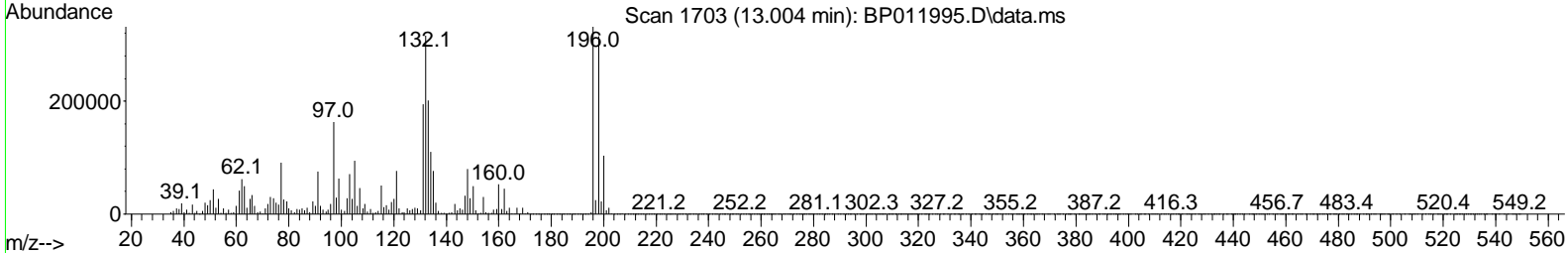
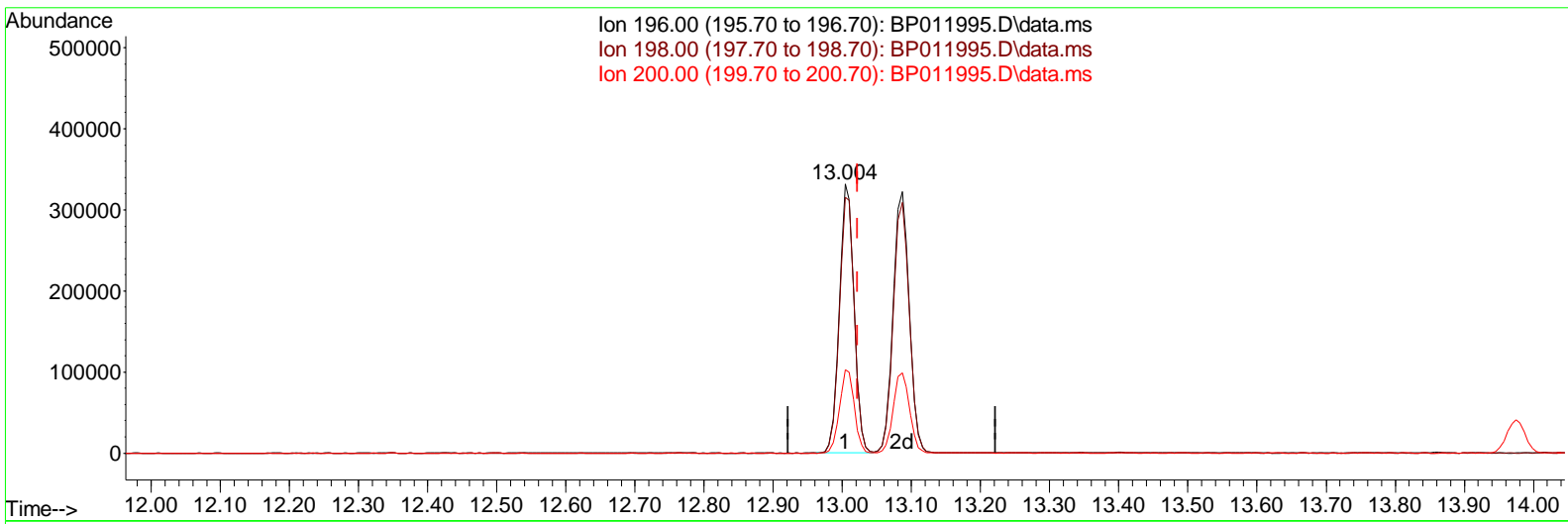
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(42) 2,4,5-Trichlorophenol

13.004min (-0.018) 31.32 ng/ul

response 489353

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	95.70	95.08
200.00	32.00	31.14
0.00	0.00	0.00

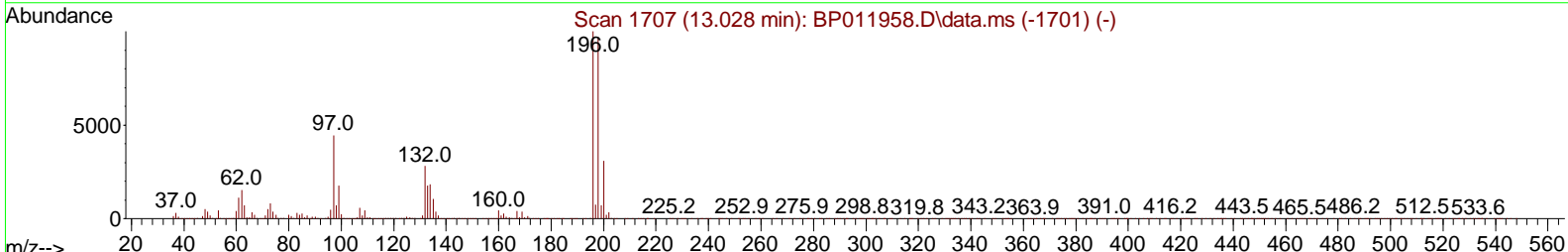
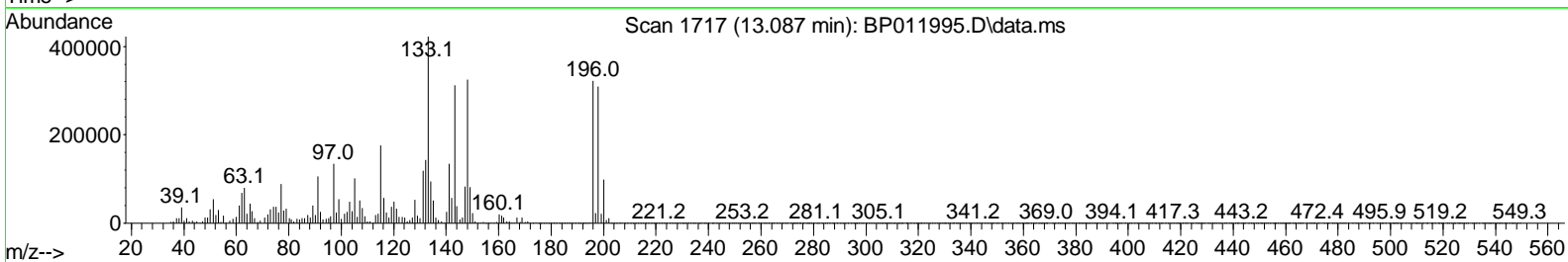
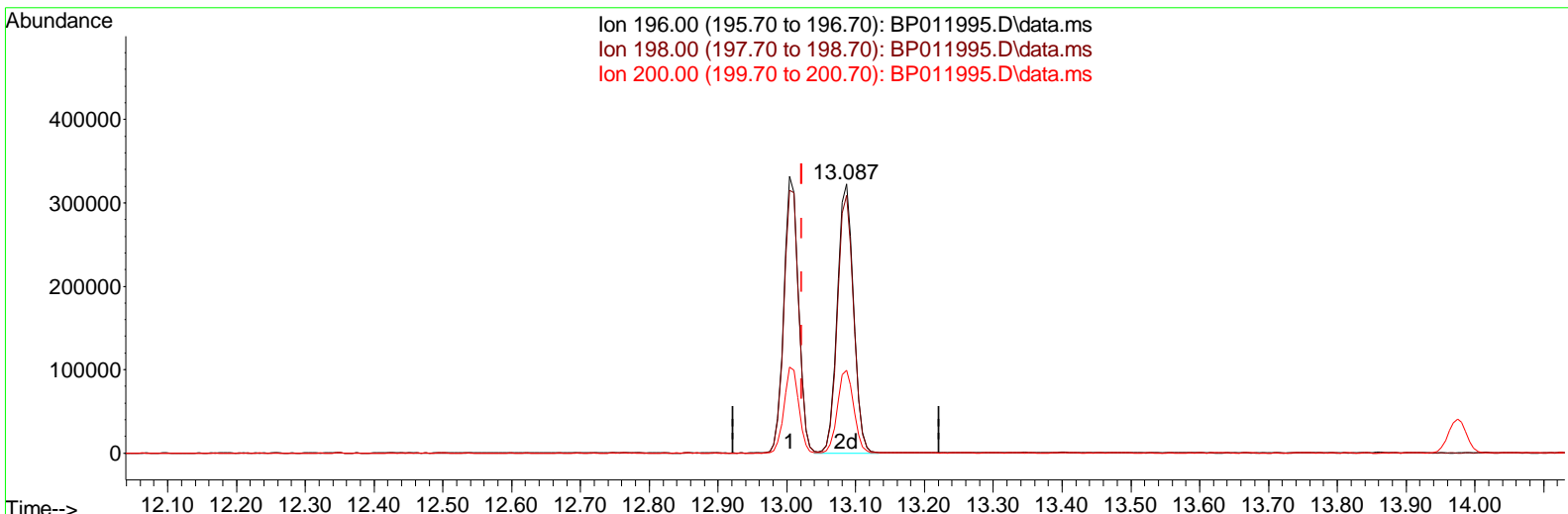
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(42) 2,4,5-Trichlorophenol

13.087min (+ 0.065) 33.66 ng/ul m

response 525909

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	95.70	95.81
200.00	32.00	30.79
0.00	0.00	0.00

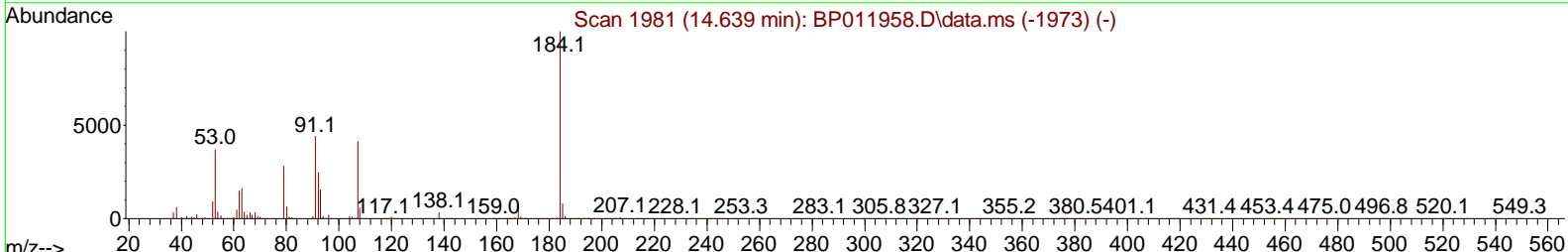
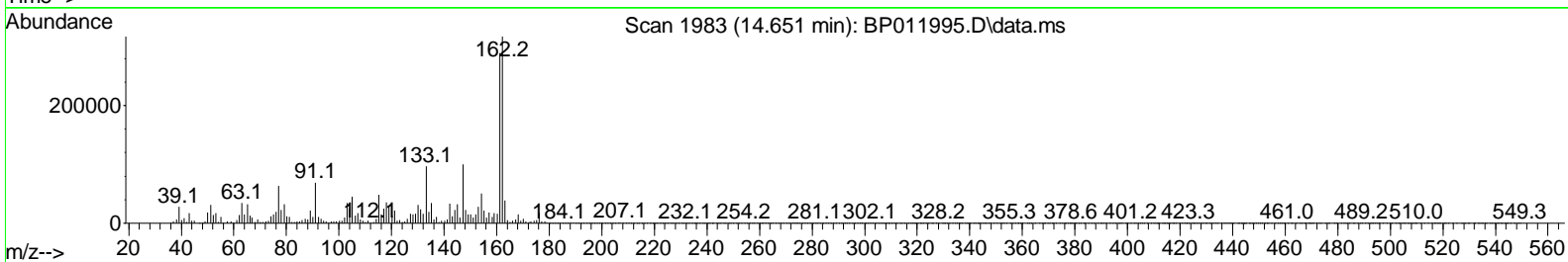
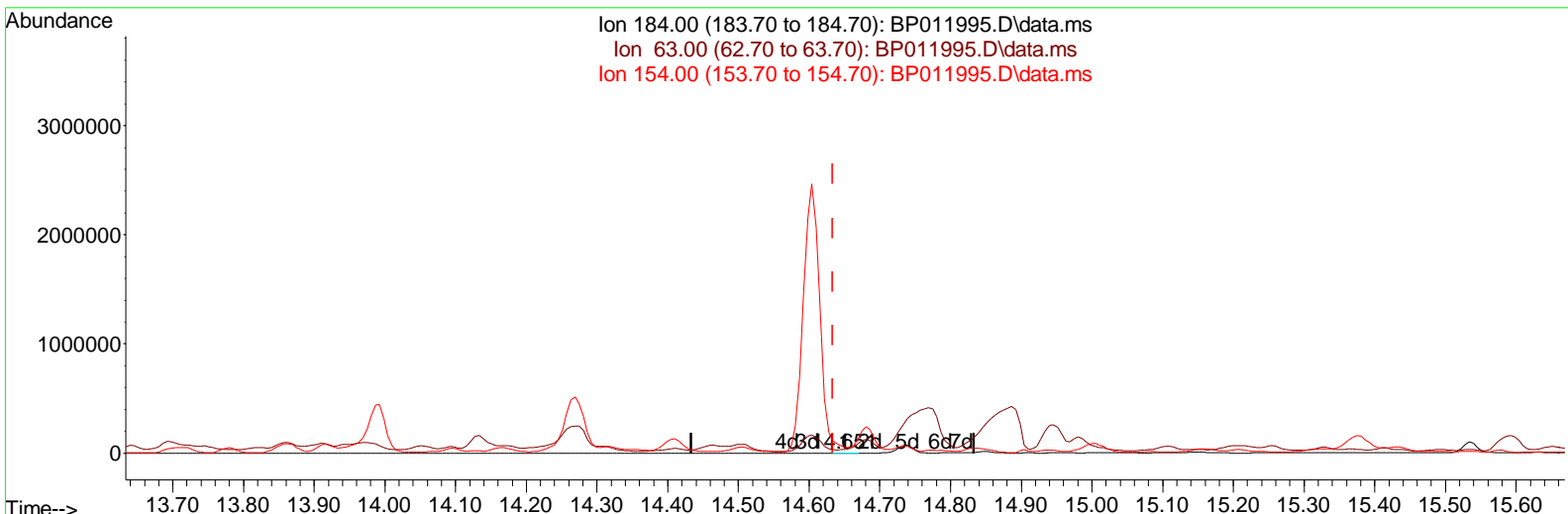
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(53) 2,4-Dinitrophenol

14.651min (+ 0.018) 0.05 ng/ul

response 397

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	55.30	5806.14#
154.00	57.20	8692.15#
0.00	0.00	0.00

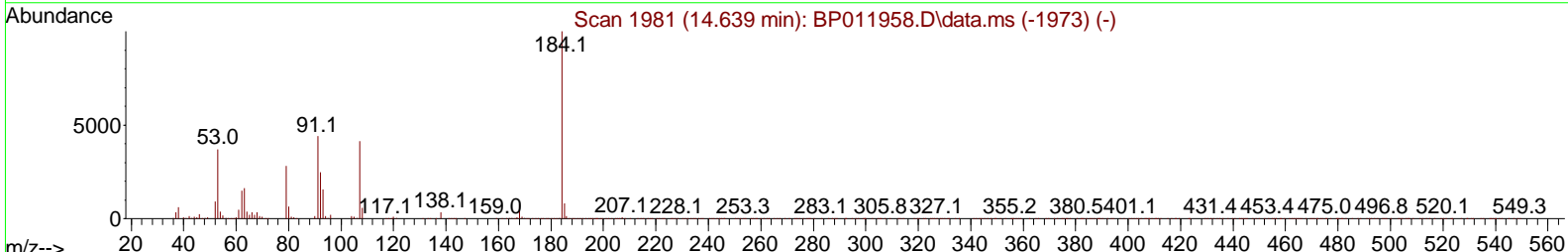
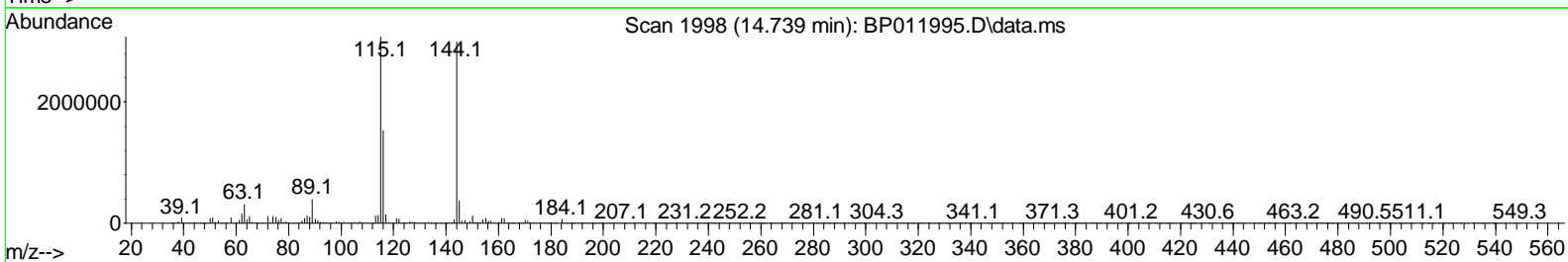
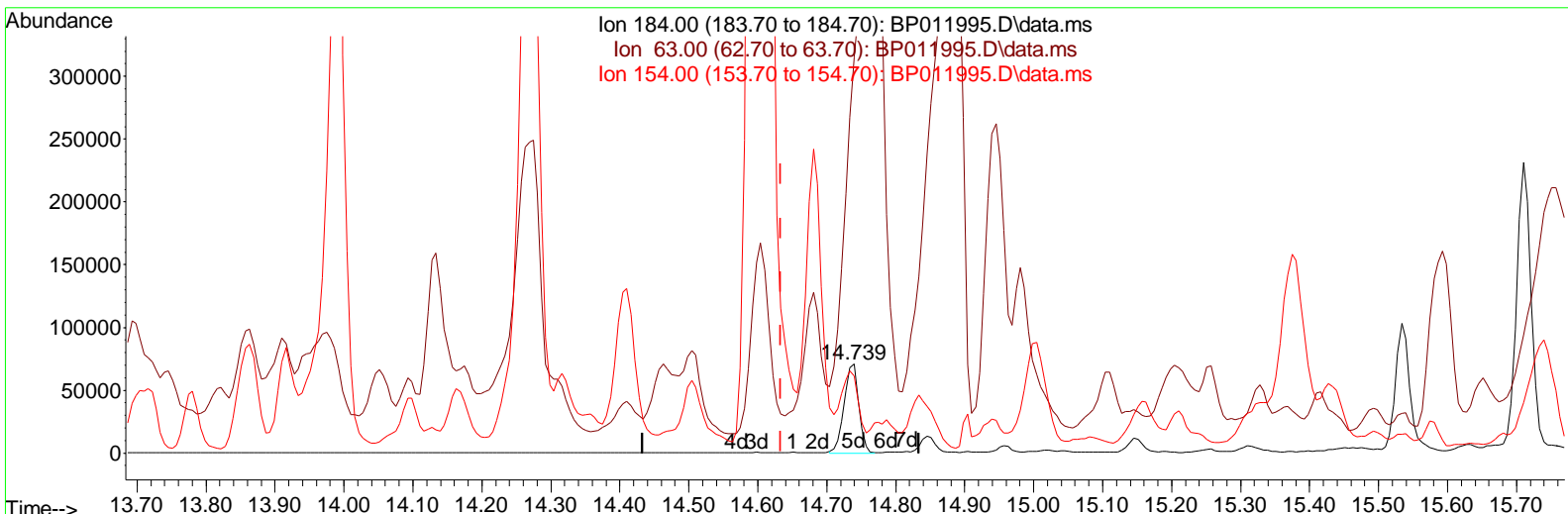
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(53) 2,4-Dinitrophenol

14.739min (+ 0.106) 14.29 ng/ul m

response 104540

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	55.30	445.10#
154.00	57.20	86.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**

BNA\_P

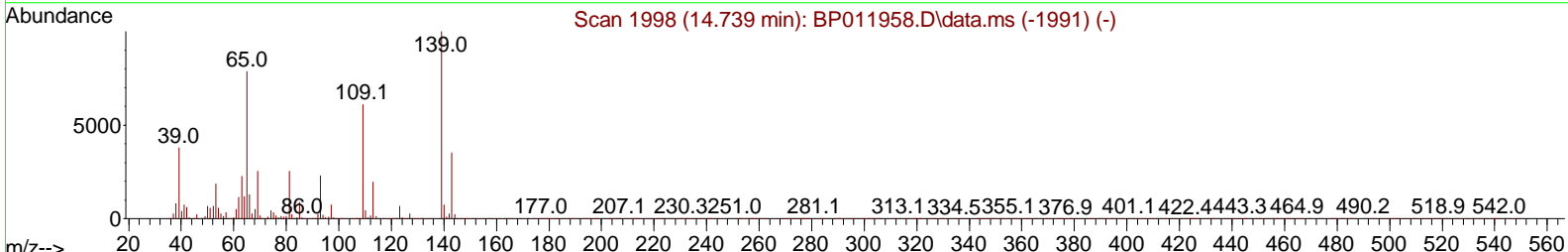
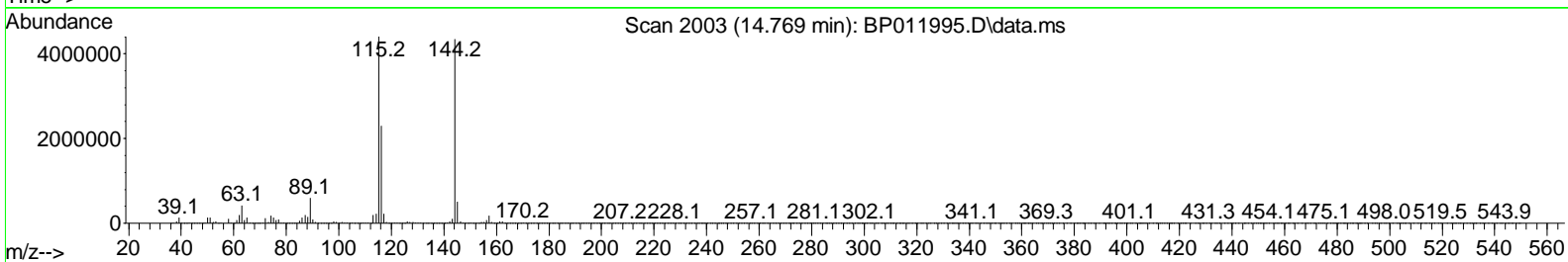
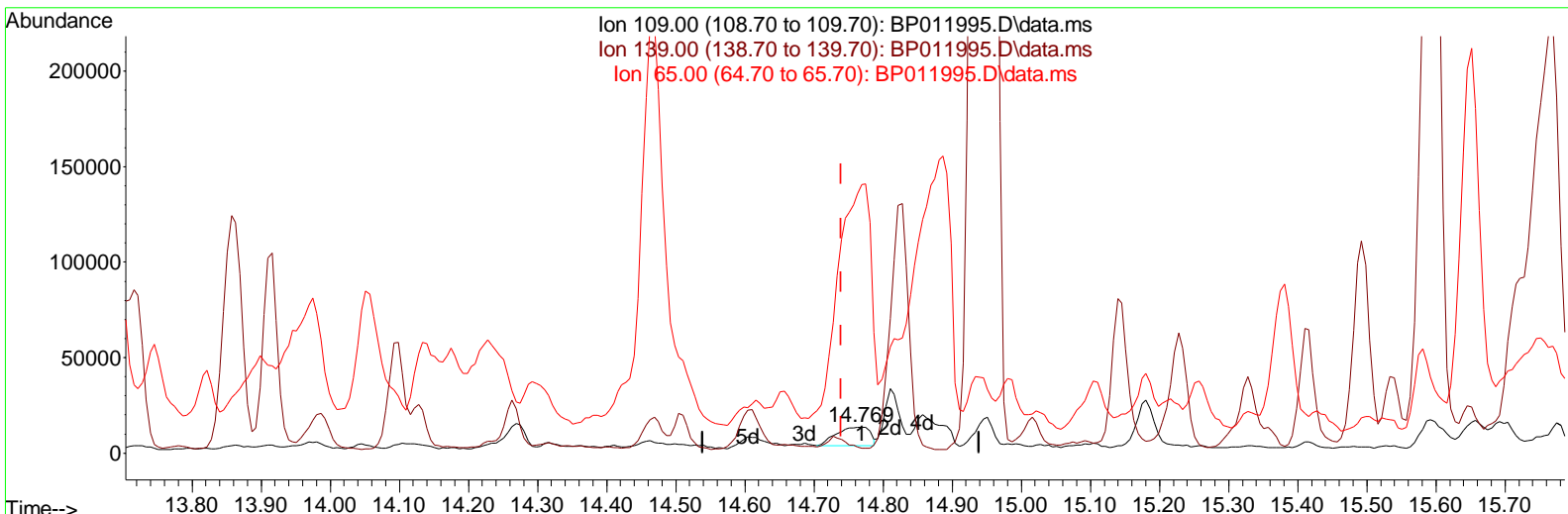
**ClientSampleId :**

E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

**(55) 4-Nitrophenol**

14.769min (+ 0.029) 4.37 ng/ul

response 32283

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	156.30	18.89#
65.00	127.40	1038.41#
0.00	0.00	0.00



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

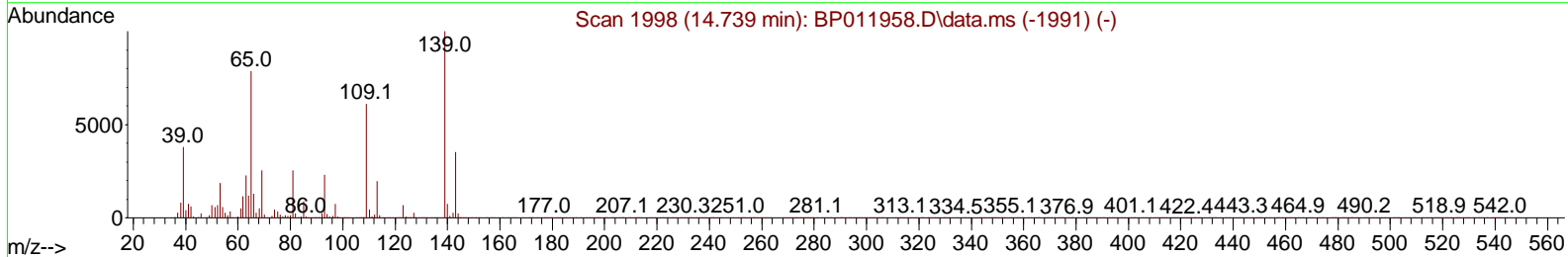
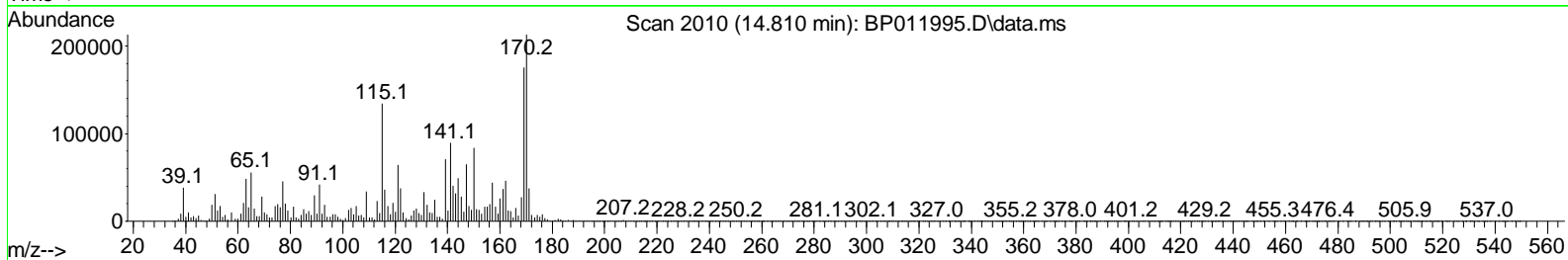
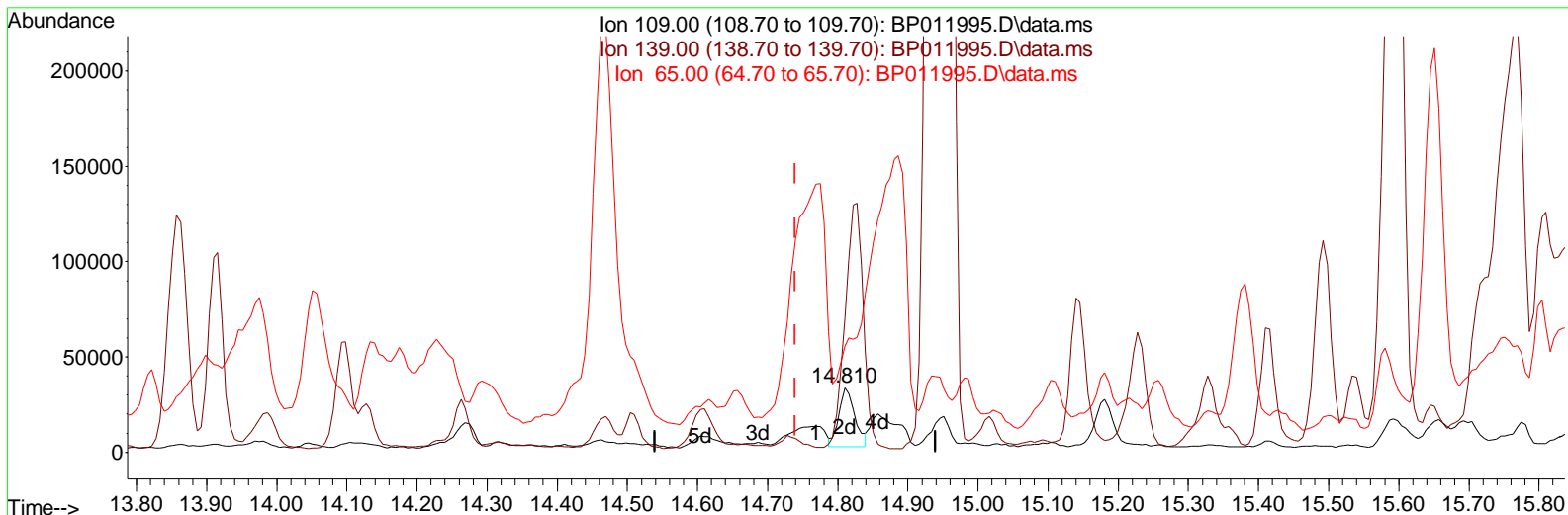
ClientSampleId :

E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(55) 4-Nitrophenol

14.810min (+ 0.070) 6.73 ng/ul m

response 49681

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	156.30	209.08#
65.00	127.40	165.14#
0.00	0.00	0.00

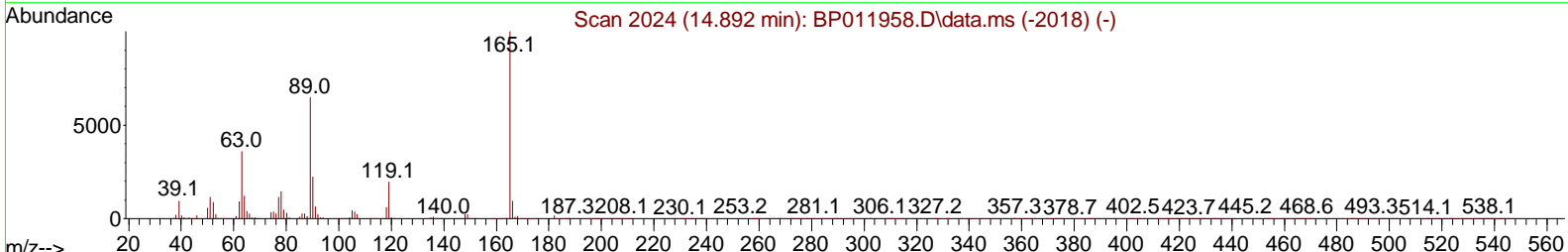
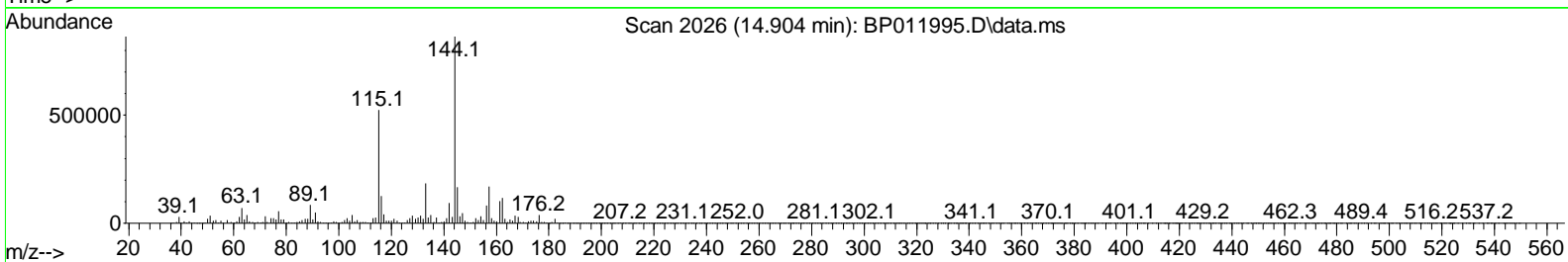
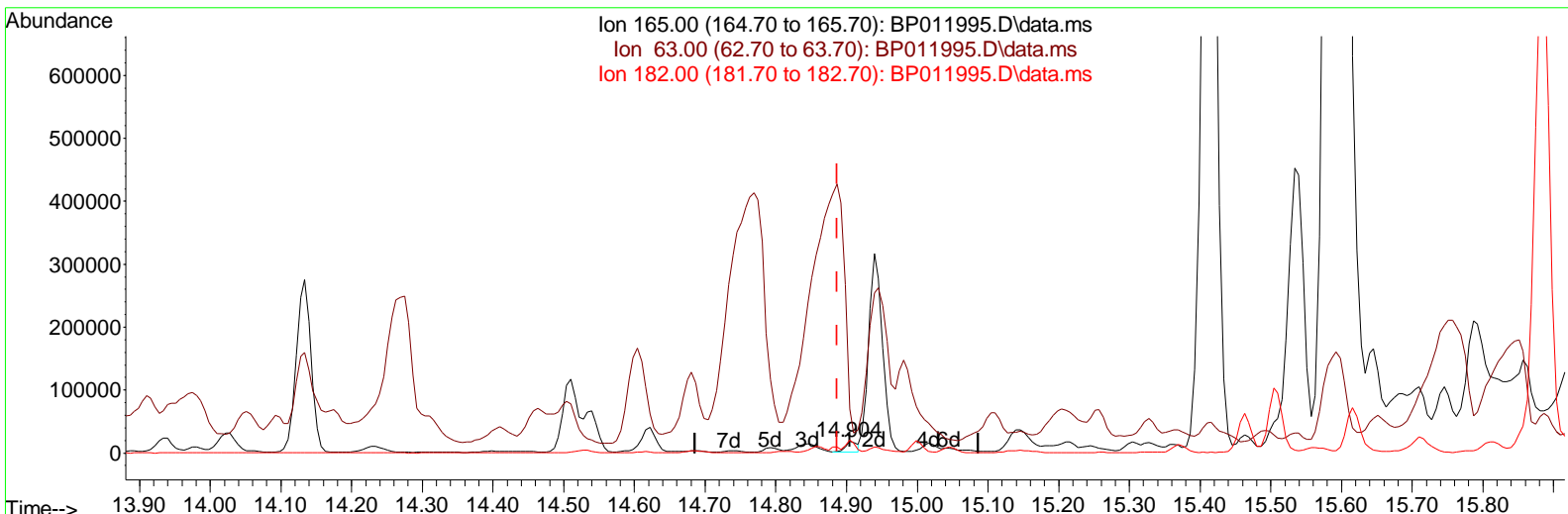
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(57) 2,4-Dinitrotoluene

14.904min (+ 0.018) 1.21 ng/ul

response 19032

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	35.20	381.90#
182.00	2.80	114.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

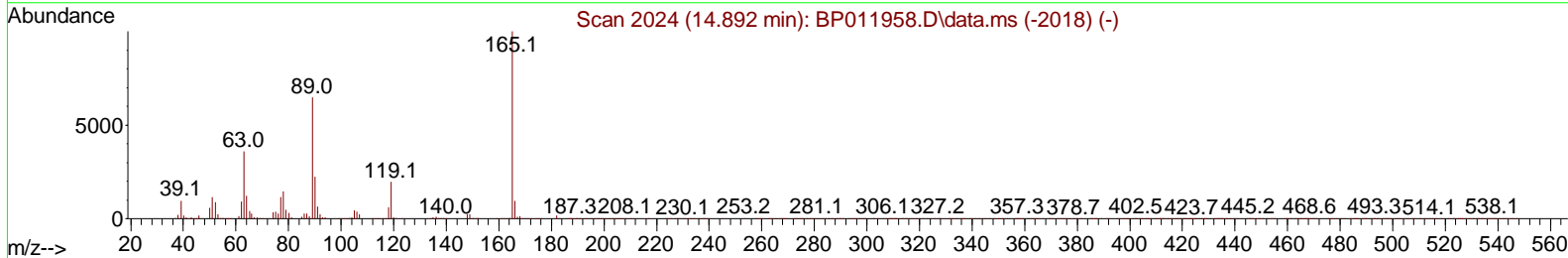
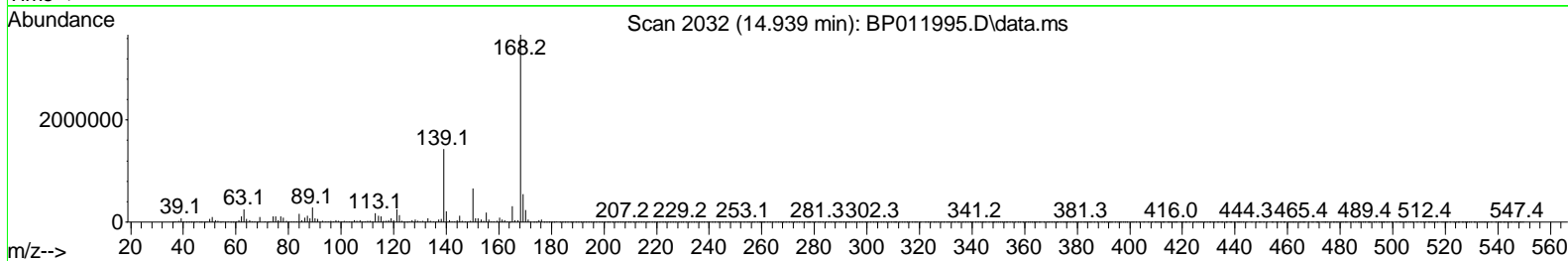
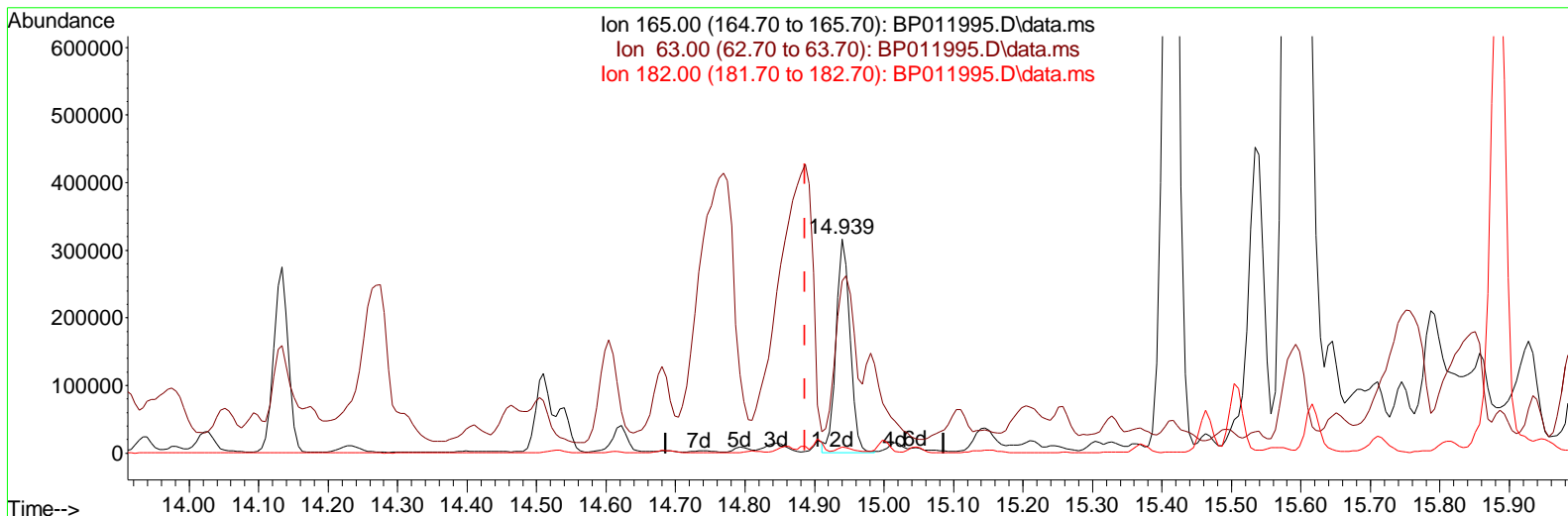
ClientSampleId :

E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(57) 2,4-Dinitrotoluene

14.939min (+ 0.053) 27.81 ng/ul m

response 438726

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	35.20	80.35#
182.00	2.80	2.93
0.00	0.00	0.00

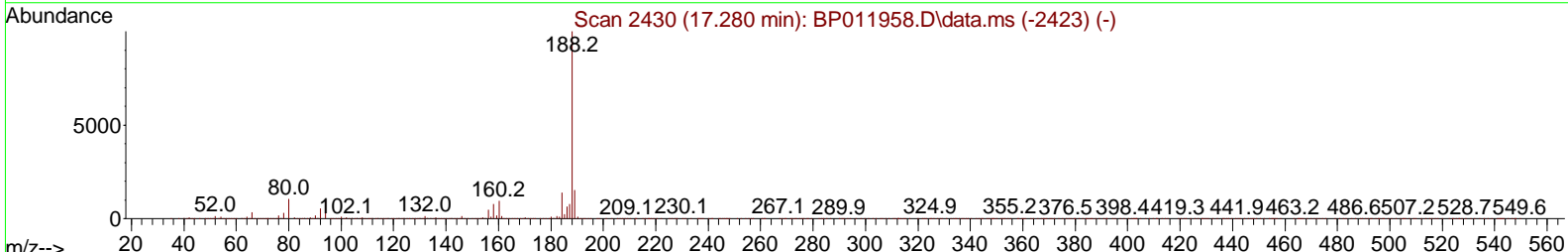
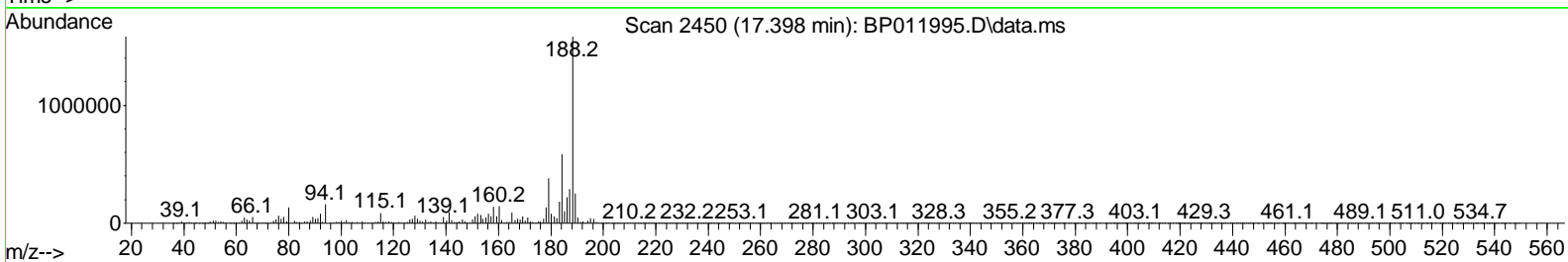
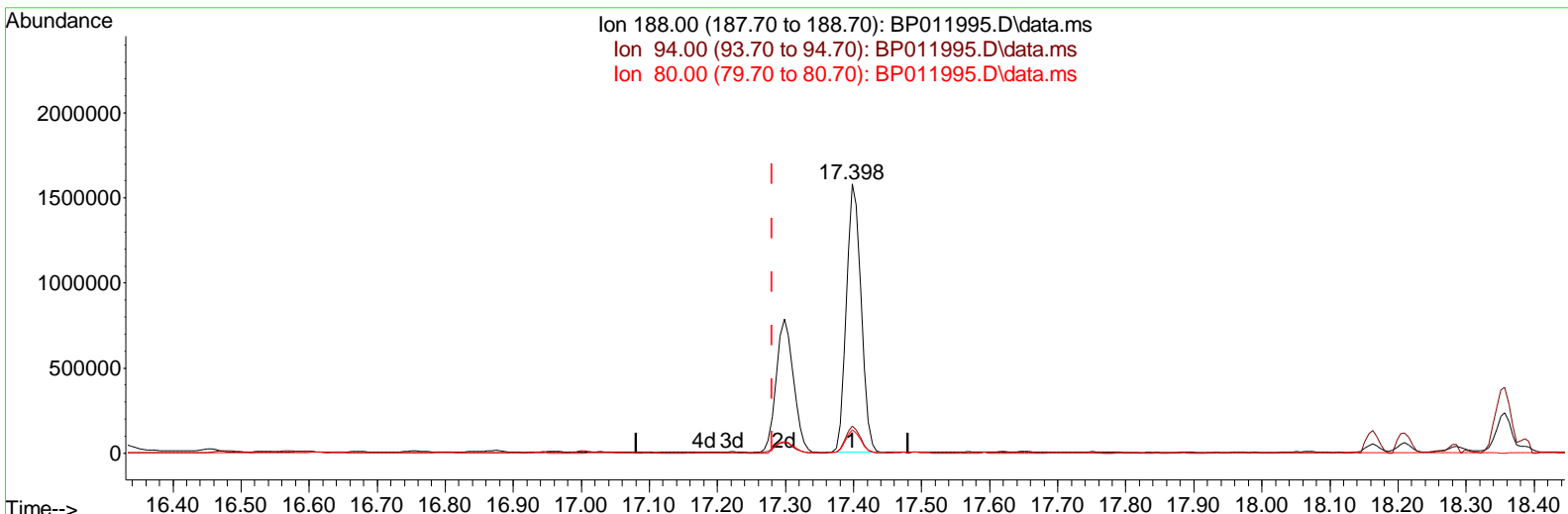
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(64) Phenanthrene-d10 (I)

17.398min (+ 0.117) 20.00 ng/ul

response 2361730

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.90	10.09
80.00	10.20	8.55
0.00	0.00	0.00

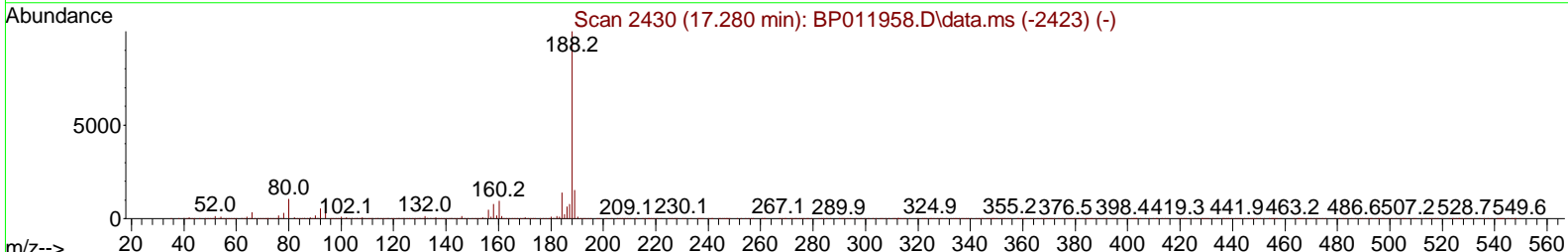
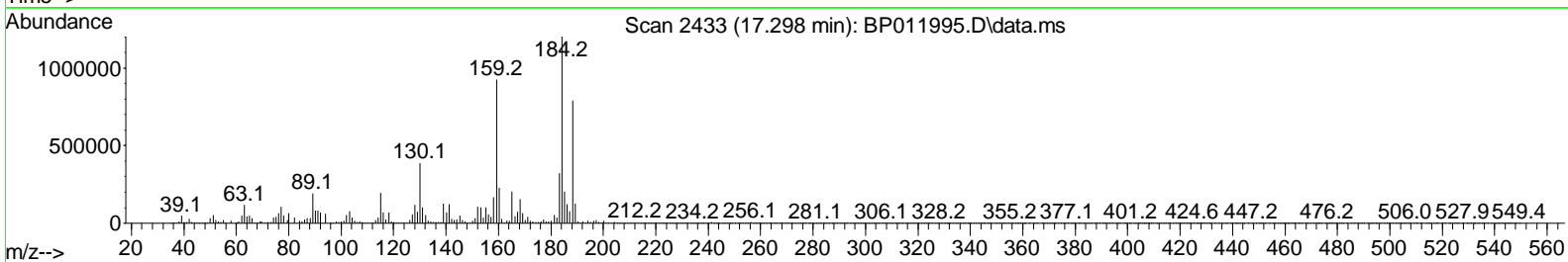
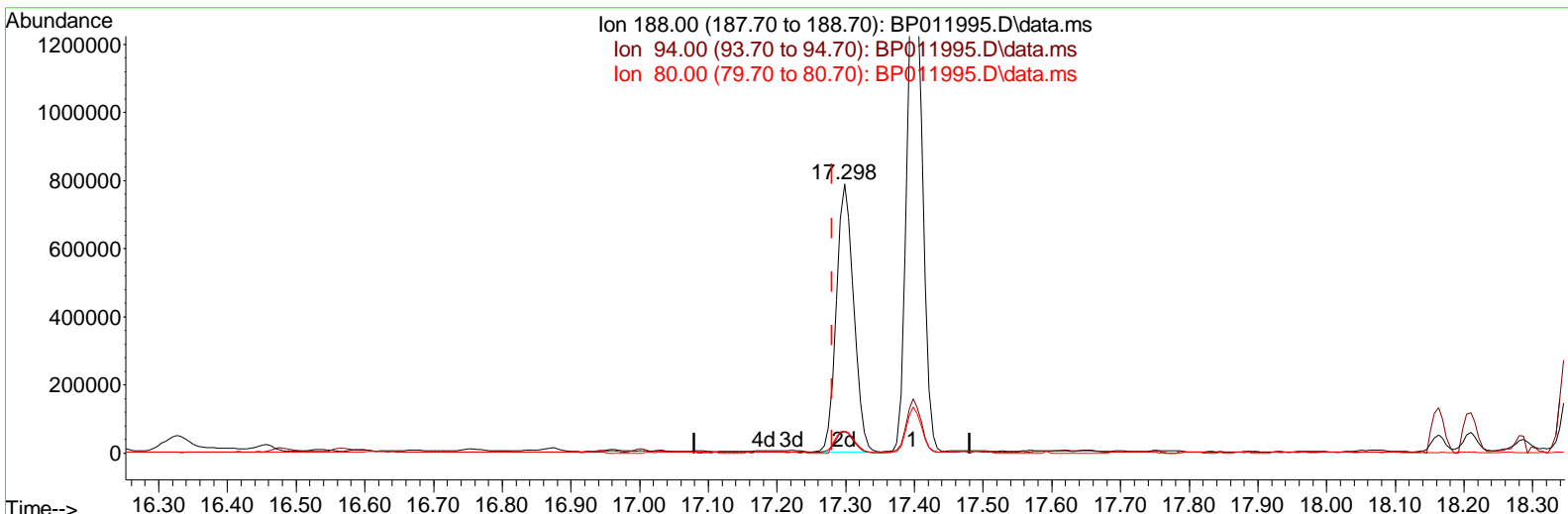
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(64) Phenanthrene-d10 (I)

17.298min (+ 0.018) 20.00 ng/ul m

response 1386607

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.90	7.89#
80.00	10.20	8.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**

BNA\_P

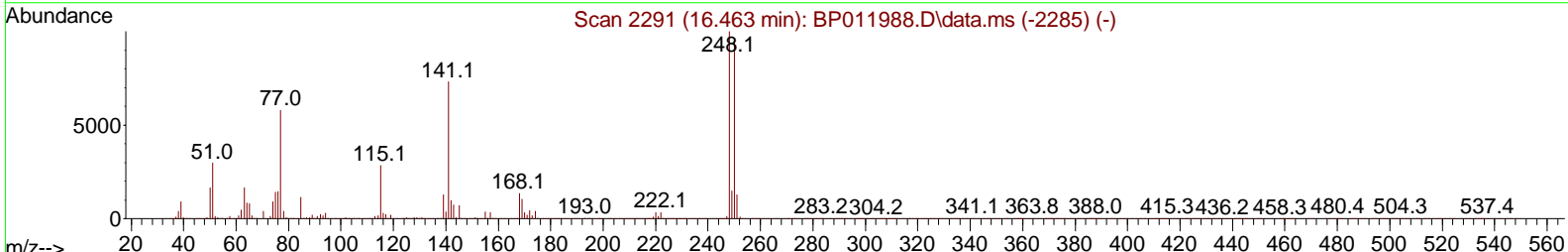
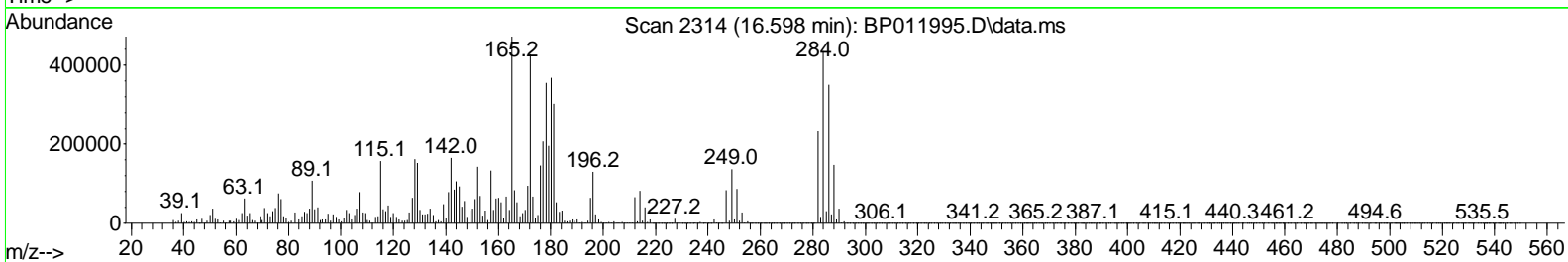
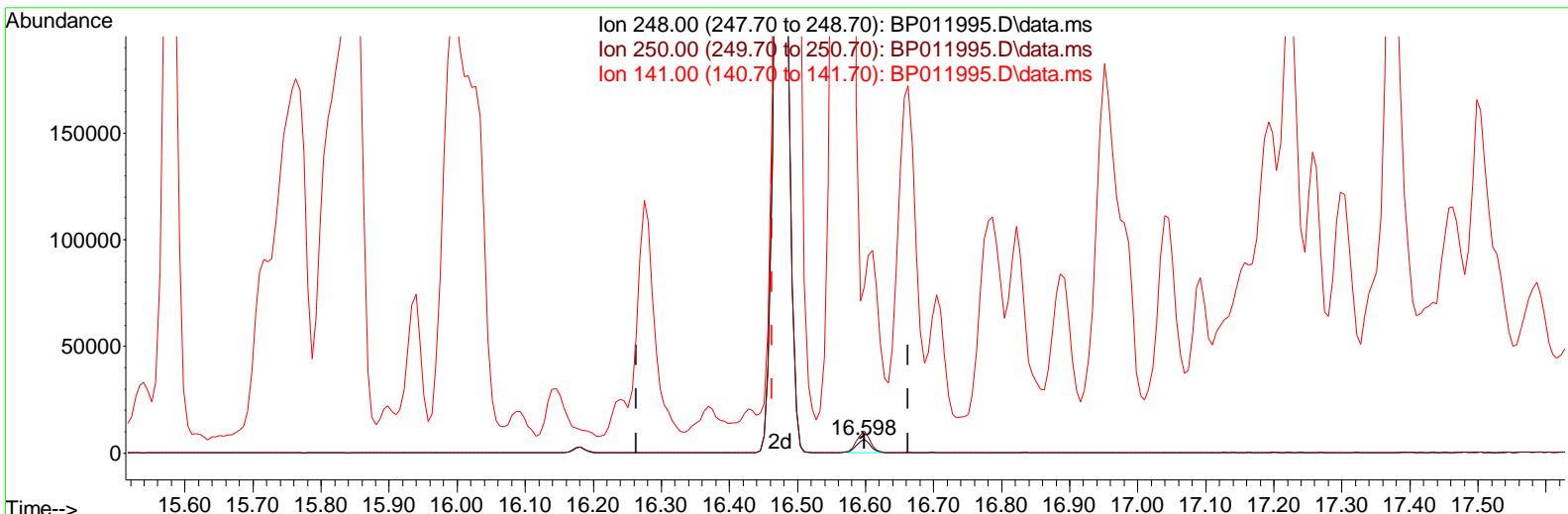
**ClientSampleId :**

E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

**(68) 4-Bromophenyl-phenylether**

16.598min (+ 0.135) 0.64 ng/ul

response 9005

Ion	Exp%	Act%
248.00	100.00	100.00
250.00	98.30	155.26#
141.00	70.00	1189.80#
0.00	0.00	0.00

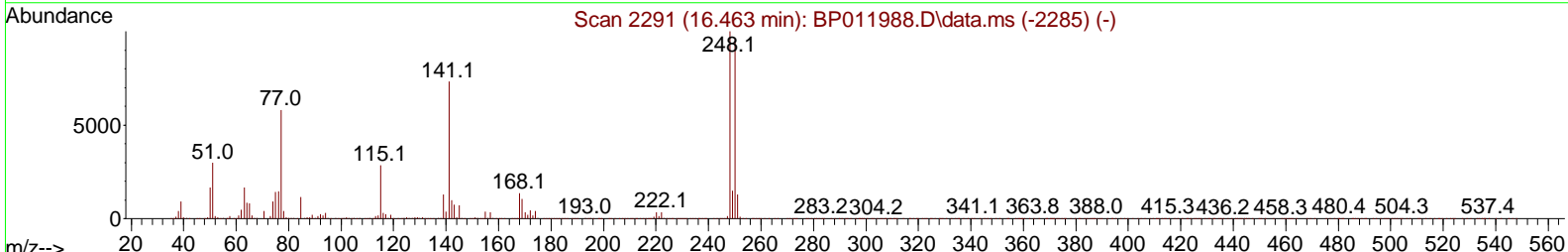
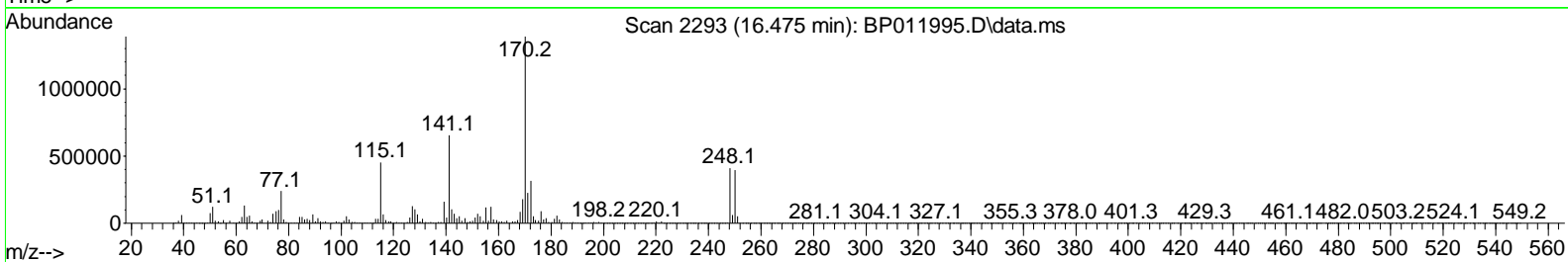
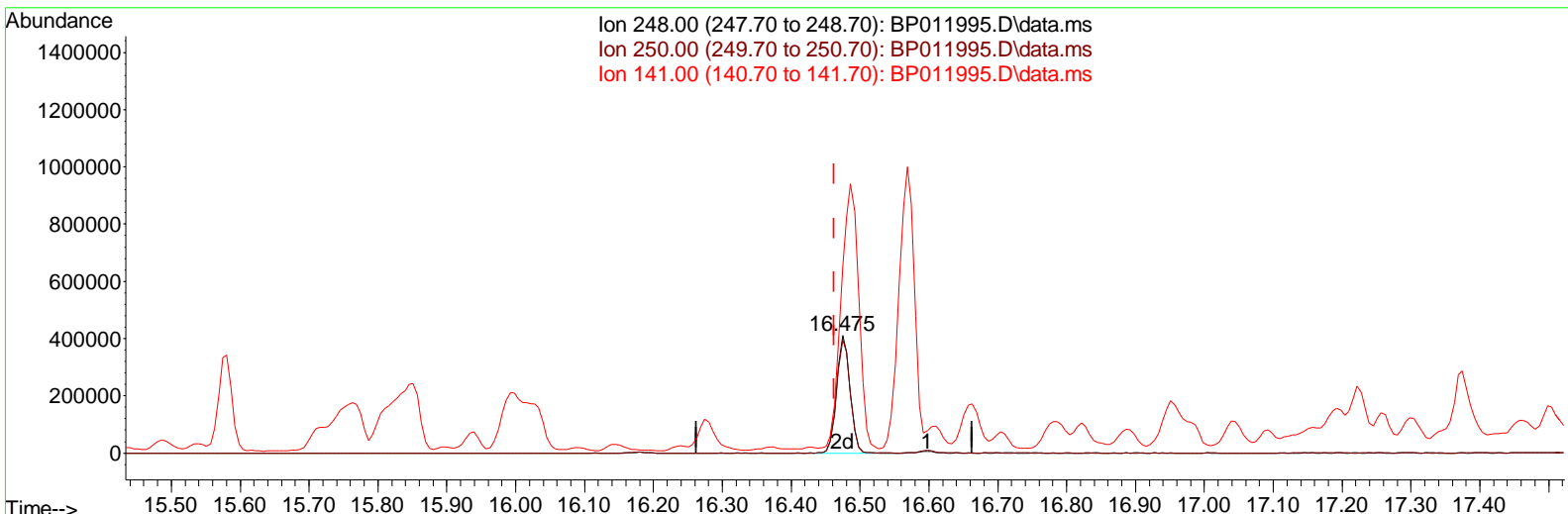
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(68) 4-Bromophenyl-phenylether

16.475min (+ 0.012) 39.16 ng/ul m

response 552296

Ion	Exp%	Act%
248.00	100.00	100.00
250.00	98.30	96.51
141.00	70.00	158.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :

BNA\_P

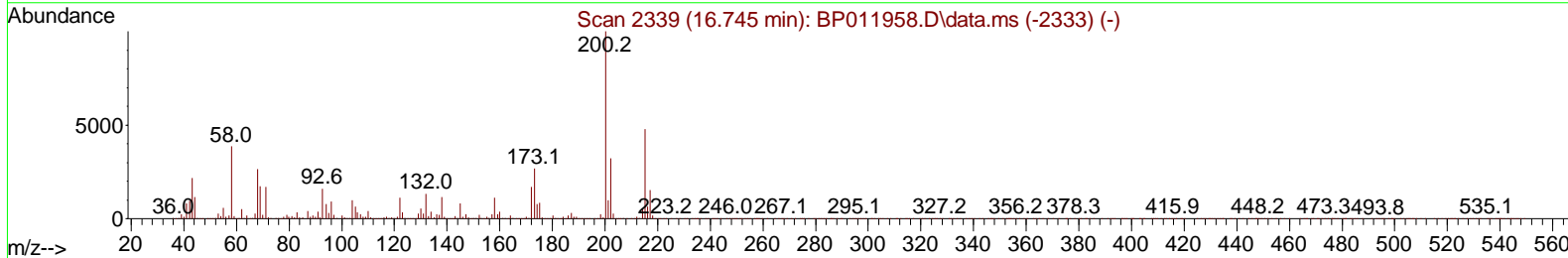
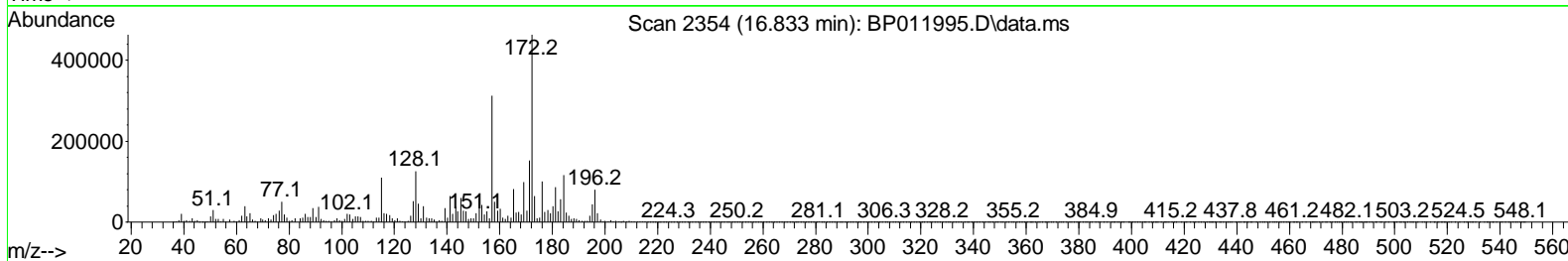
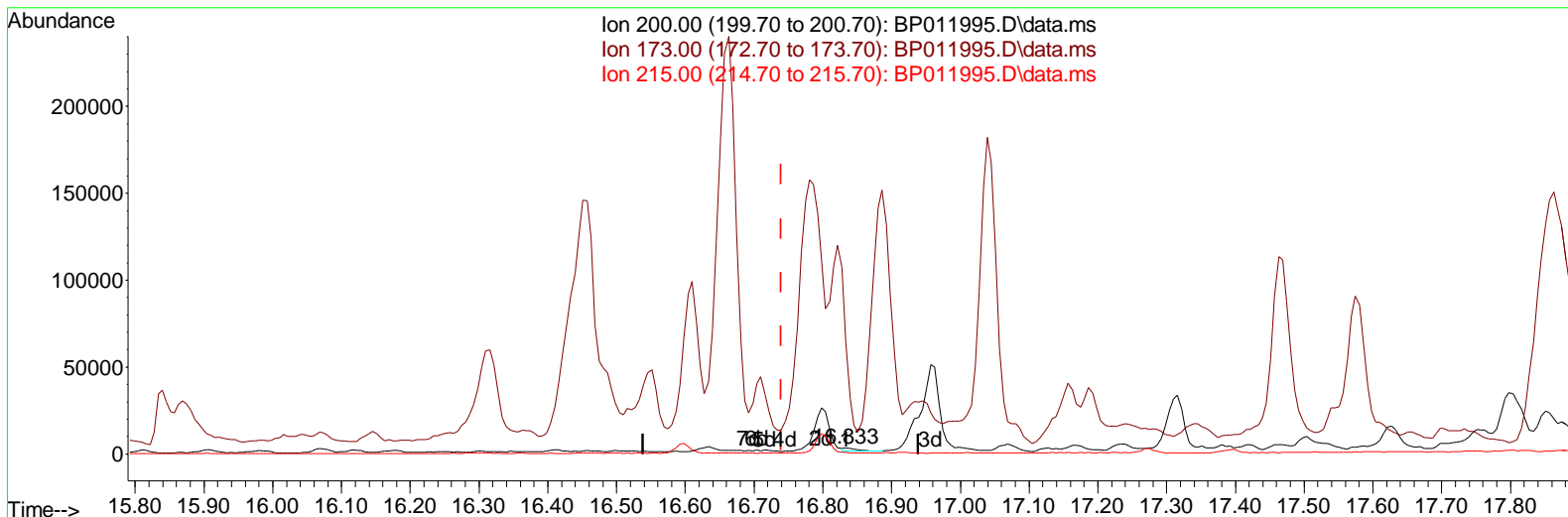
ClientSampleId :

E10007MSD

Manual Integrations APPROVED

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

(70) Atrazine

16.833min (+ 0.094) 0.14 ng/ul

response 2040

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	27.00	1933.89#
215.00	48.60	28.50#
0.00	0.00	0.00



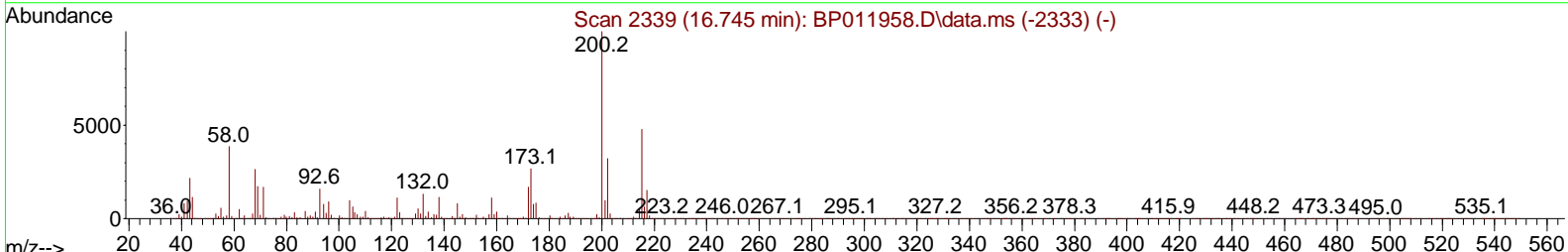
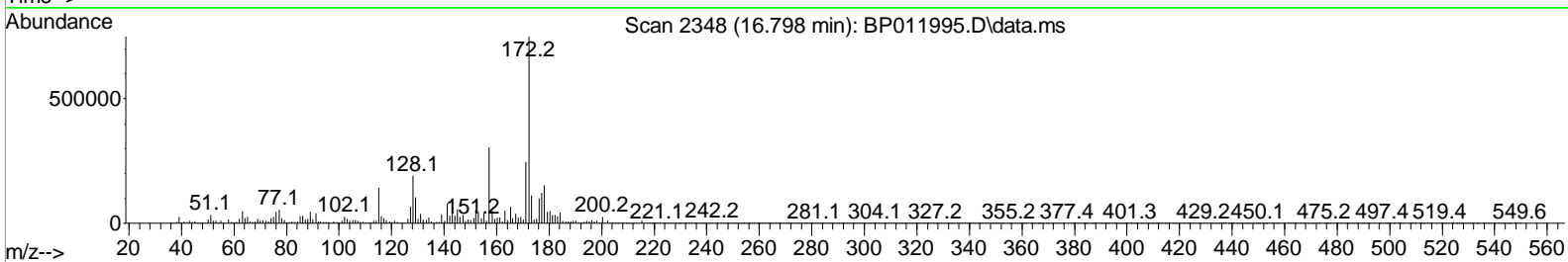
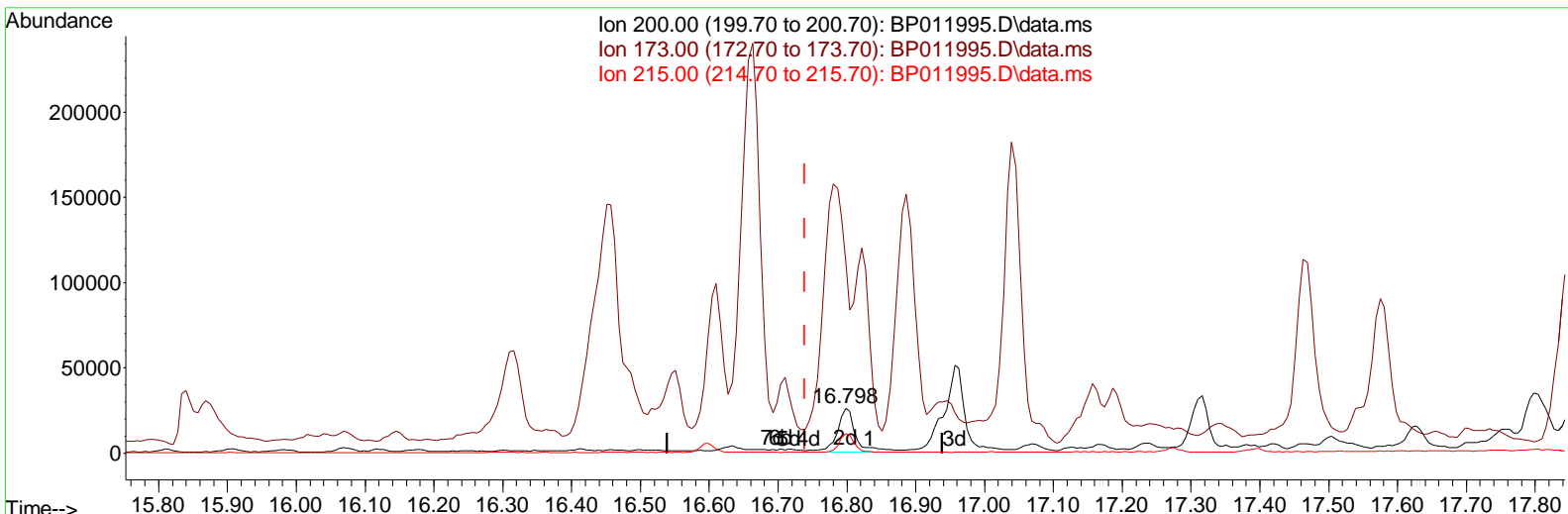
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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



TIC: BP011995.D\data.ms

(70) Atrazine

16.798min (+ 0.059) 3.16 ng/ul m

response 46581

Ion	Exp%	Act%
200.00	100.00	100.00
173.00	27.00	420.11#
215.00	48.60	43.55
0.00	0.00	0.00

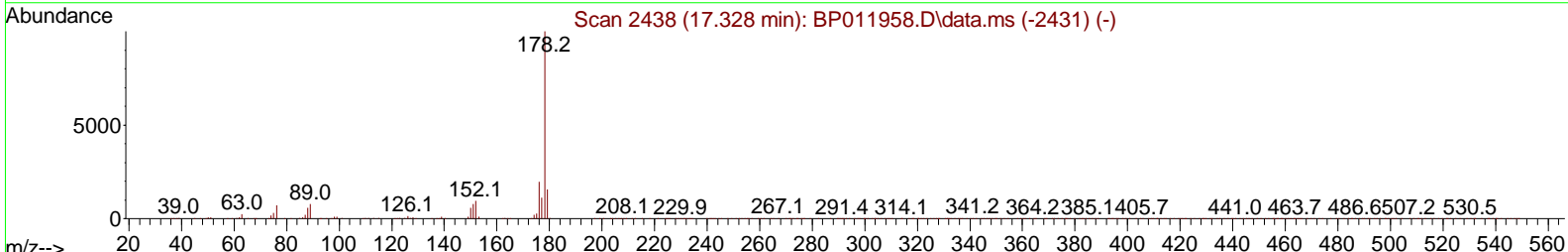
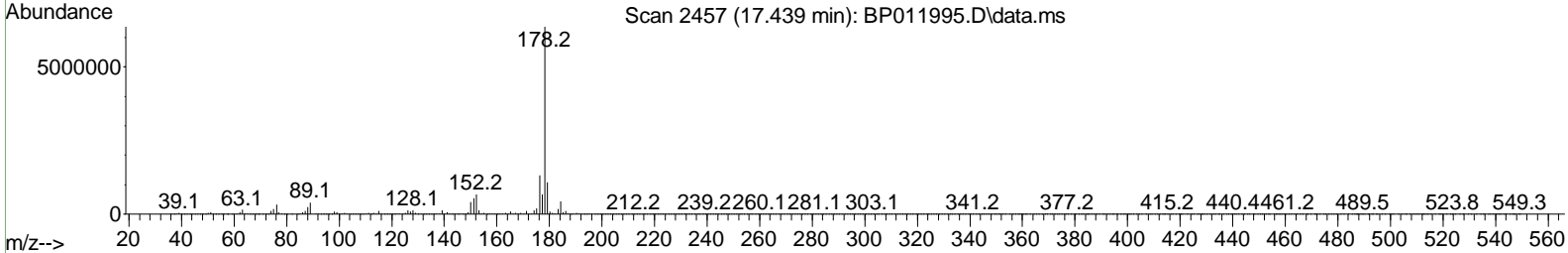
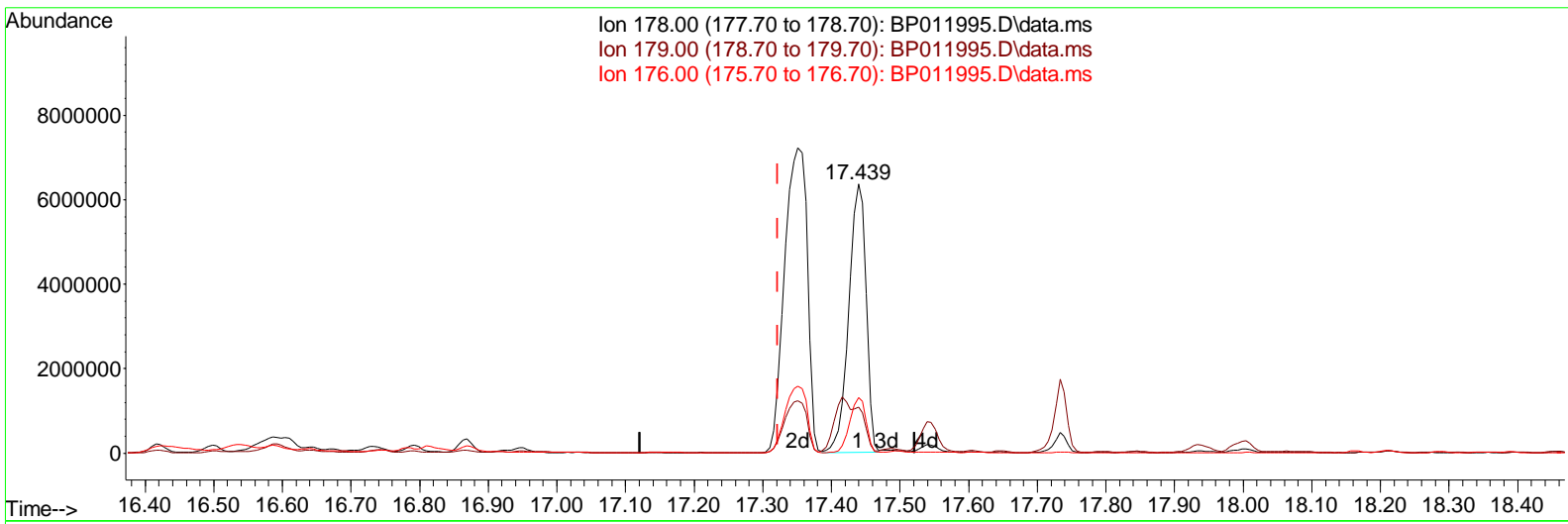
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 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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



TIC: BP011995.D\data.ms

(72) Phenanthrene

17.439min (+ 0.117) 147.07 ng/u1

response 11206937

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.01
176.00	19.30	20.74
0.00	0.00	0.00

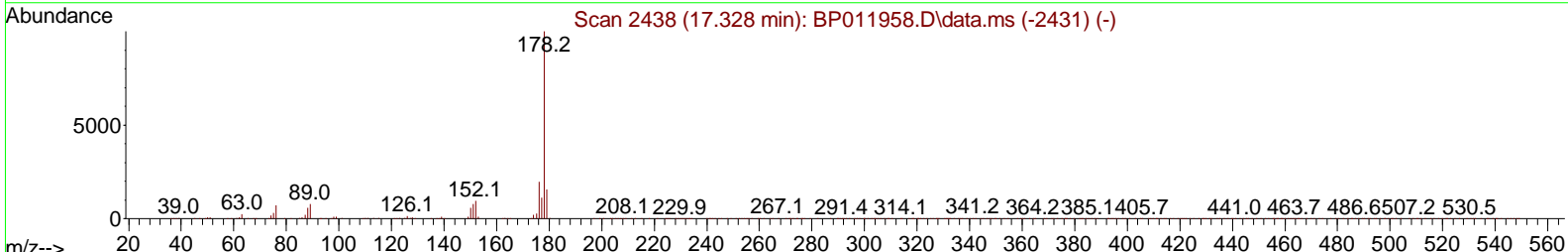
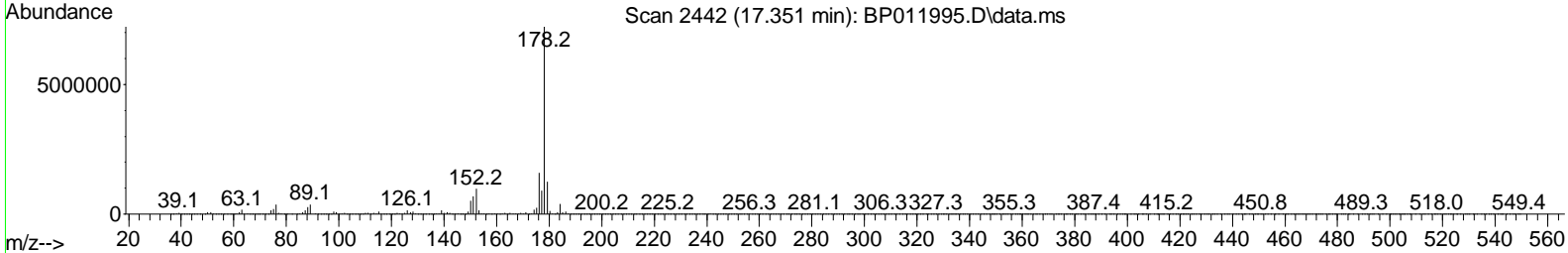
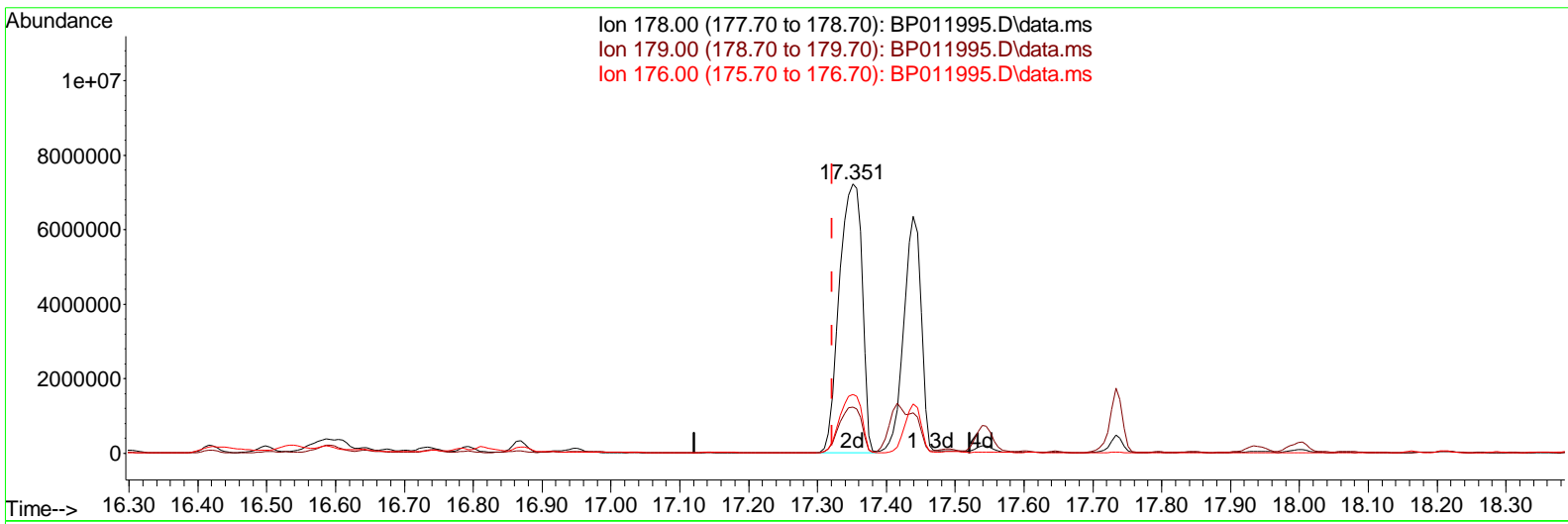
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

Quant Time: Oct 07 06:26:44 2022  
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 Response via : Initial Calibration

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



TIC: BP011995.D\data.ms

(72) Phenanthrene

17.351min (+ 0.029) 217.89 ng/ul m

response 16603431

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.14
176.00	19.30	21.93
0.00	0.00	0.00

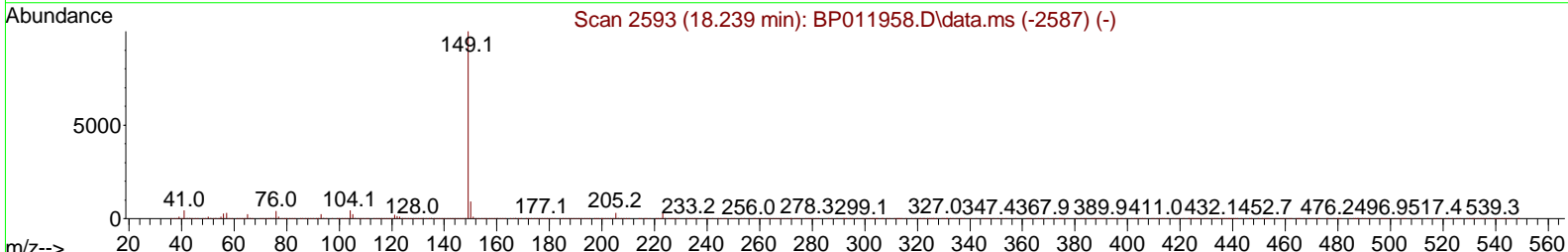
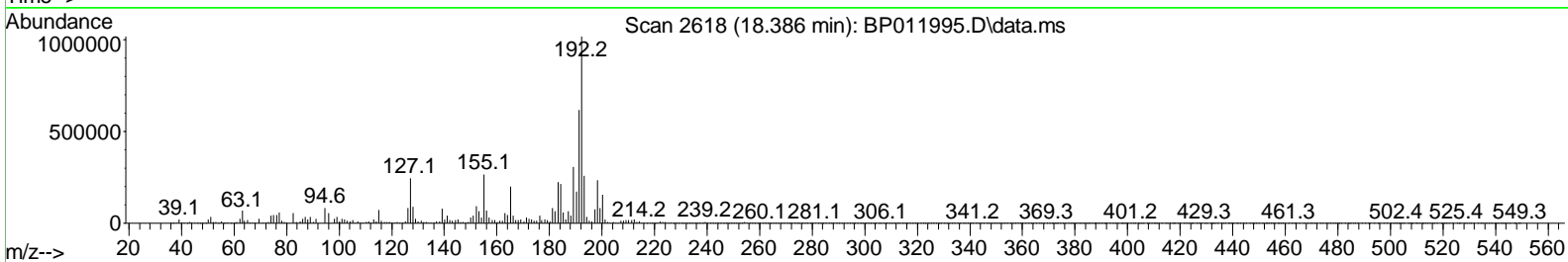
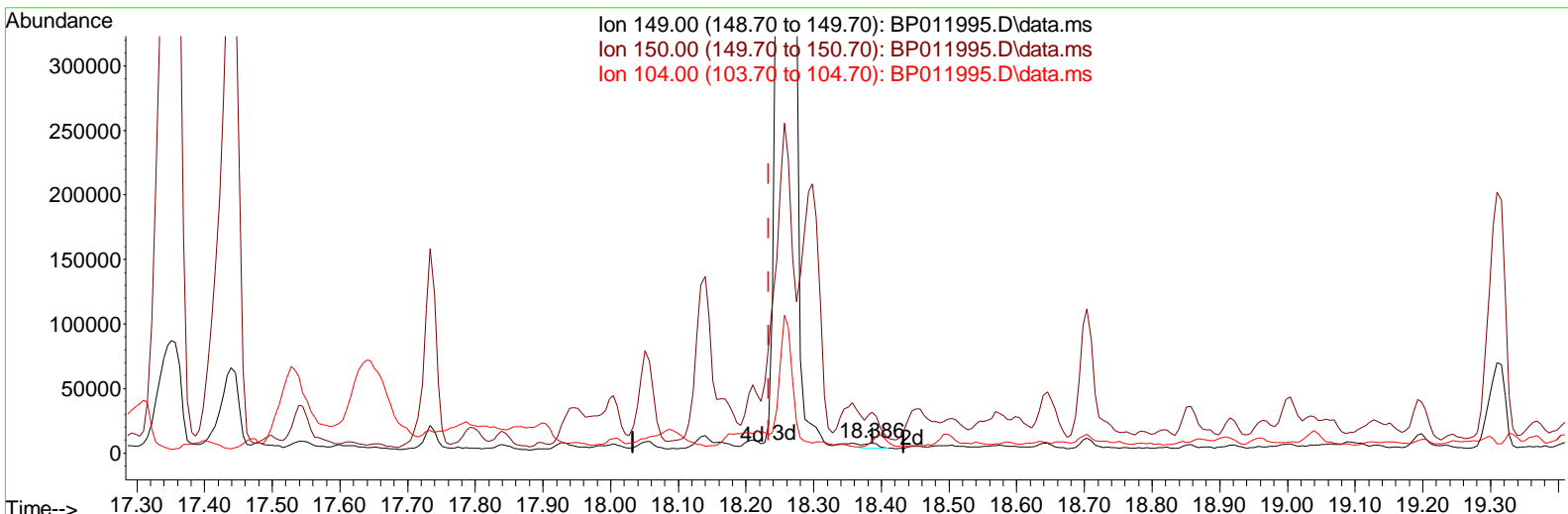
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E10007MSD

Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 10/10/2022



TIC: BP011995.D\data.ms

(78) Di-n-butylphthalate

18.386min (+ 0.153) 0.06 ng/ul

response 5217

Ion	Exp%	Act%
149.00	100.00	100.00
150.00	9.40	400.51#
104.00	4.50	114.76#
0.00	0.00	0.00

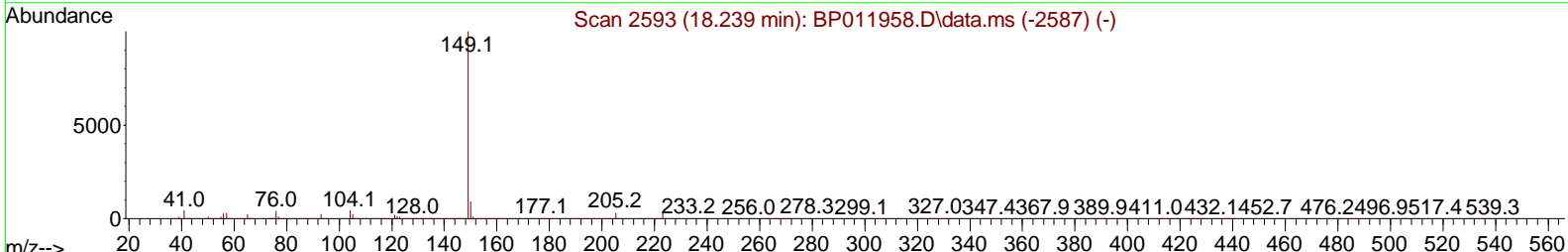
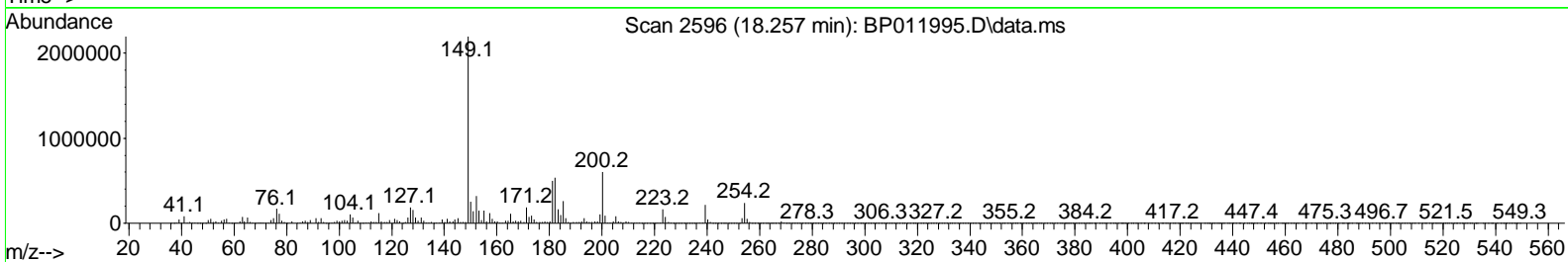
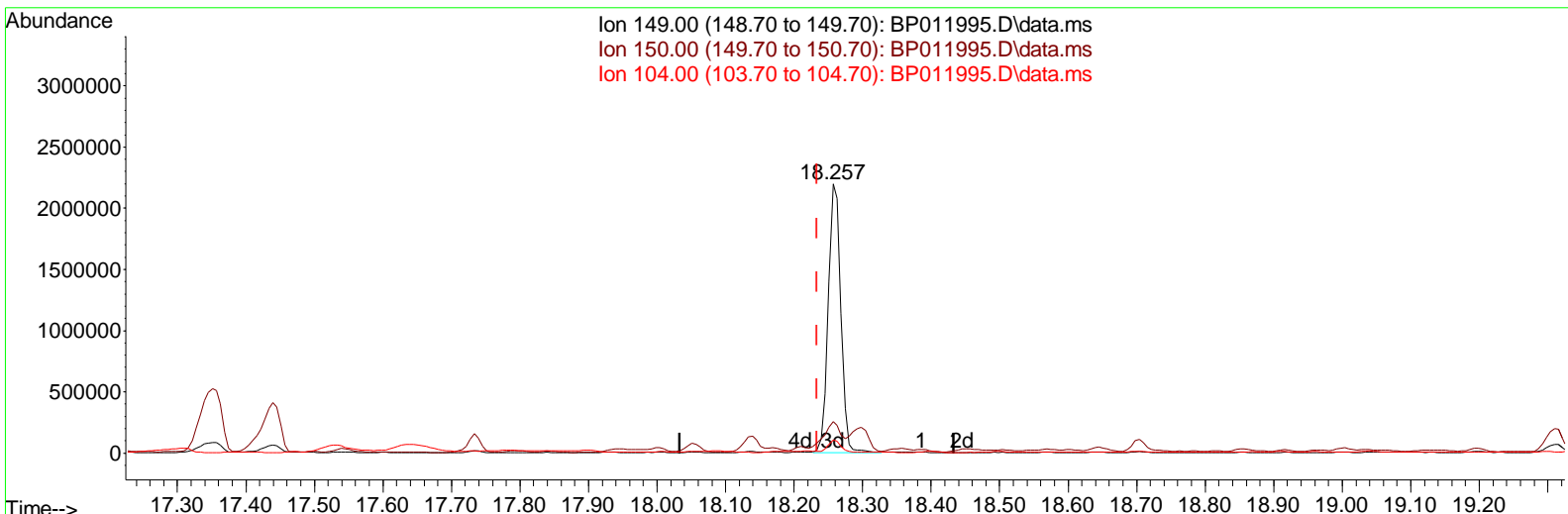
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

**(78) Di-n-butylphthalate**

18.257min (+ 0.023) 33.12 ng/ul m

response 2809794

Ion	Exp%	Act%
149.00	100.00	100.00
150.00	9.40	11.64#
104.00	4.50	4.86
0.00	0.00	0.00

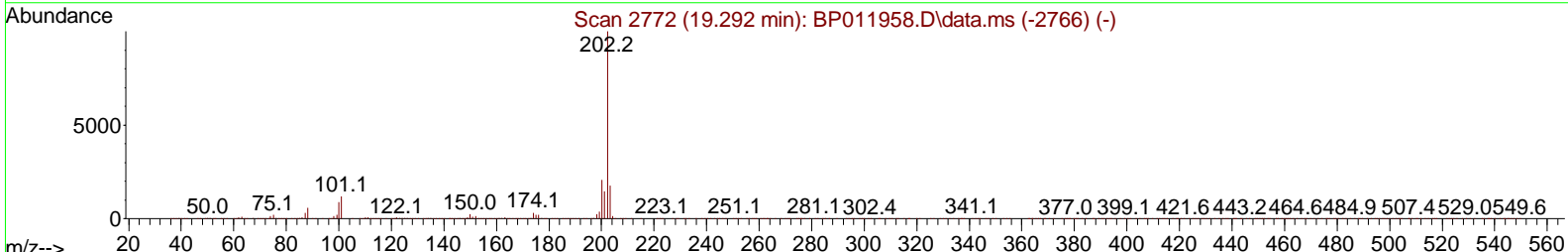
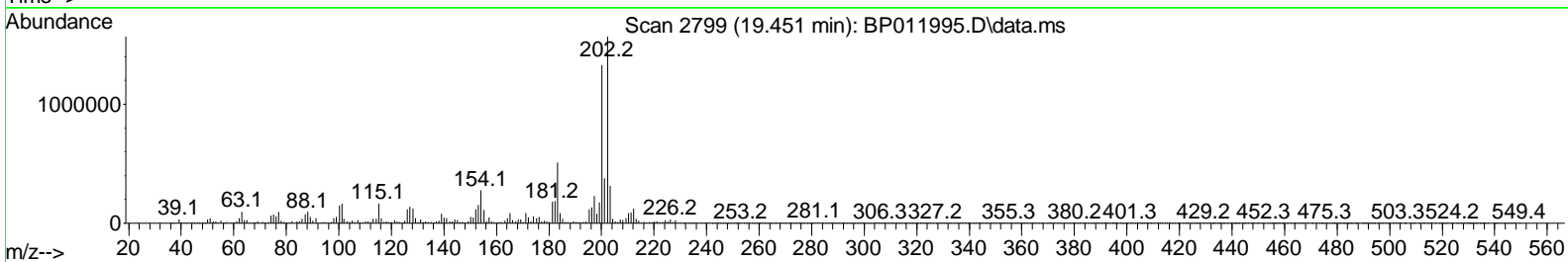
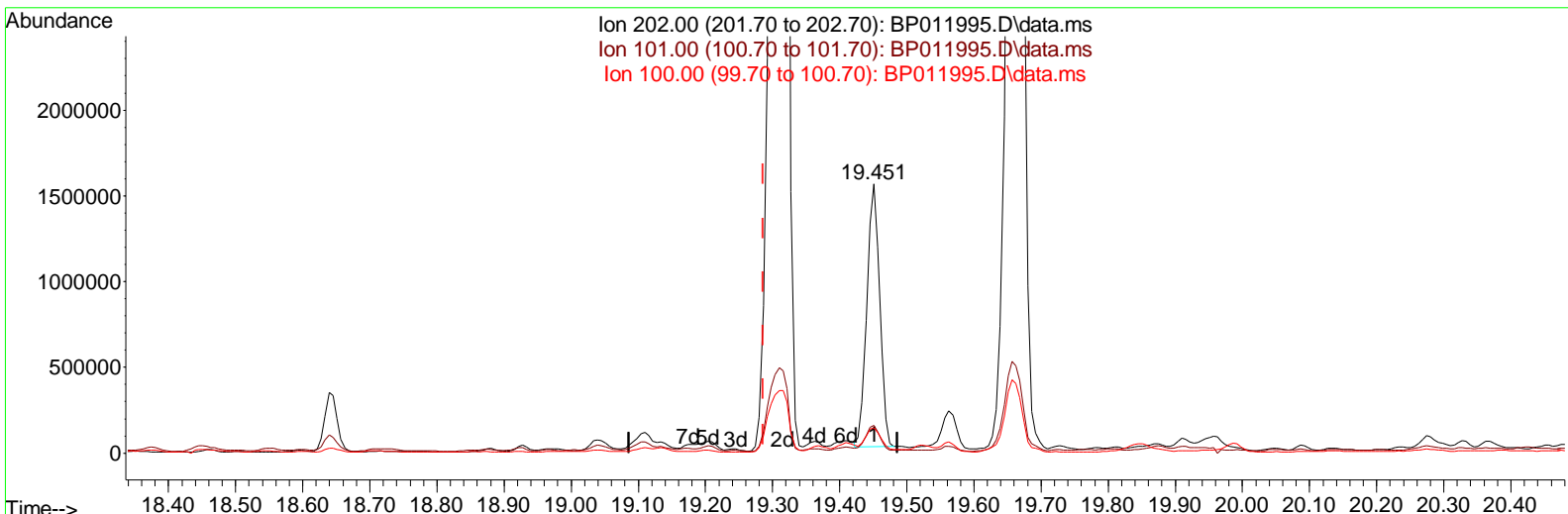
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual Integrations APPROVED**

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

Quant Time: Oct 07 06:26:44 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 03:22:44 2022  
 Response via : Initial Calibration



TIC: BP011995.D\data.ms

**(80) Fluoranthene**

19.451min (+ 0.165) 23.41 ng/ul

response 2039534

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	10.36
100.00	9.20	9.35
0.00	0.00	0.00

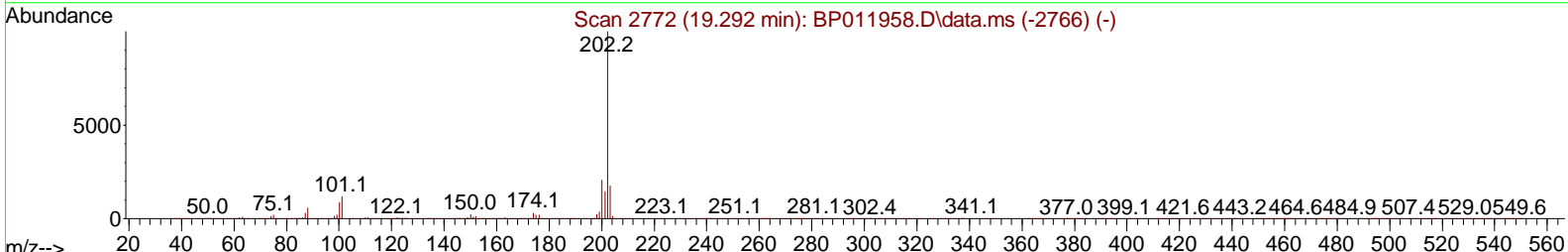
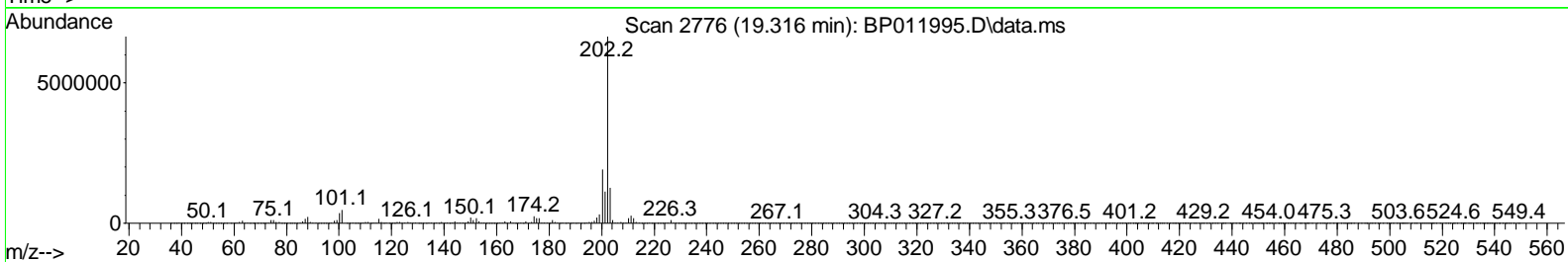
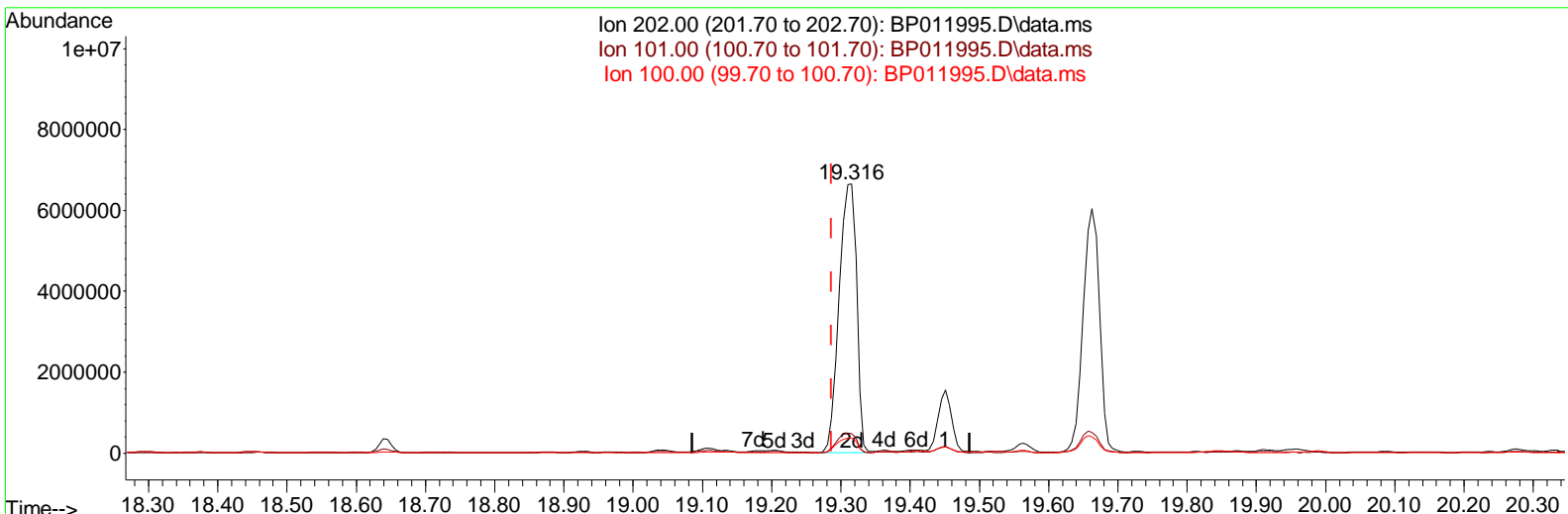
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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: BP011995.D\data.ms

**(80) Fluoranthene**

19.316min (+ 0.029) 134.65 ng/ul m

response 11731611

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	7.22#
100.00	9.20	5.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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	282548	20.000	ng/ul	0.00
20) Naphthal ene-d8	10.740	136	734264	20.000	ng/ul	0.06
38) Acenaphthene-d10	14.539	164	738824	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.298	188	1386607m	20.000	ng/ul	0.02
79) Chrysene-d12	21.386	240	1405716	20.000	ng/ul	0.02
88) Peryl ene-d12	23.815	264	1559466	20.000	ng/ul	0.02
<b>System Moni toring Compounds</b>						
3) 1,4-Di oxane-d8	3.299	96	29332	4.578	ng/uL	0.00
4) Pyri di ne-d5	3.728	84	44995	2.398	ng/ul	0.01
7) Phenol -d5	7.110	99	60159m	2.466	ng/ul	0.07
9) Bi s-(2-Chl oroethyl )eth. . .	7.252	67	211117	15.615	ng/ul	0.05
11) 2-Chl orophenol -d4	7.434	132	387876	20.144	ng/ul	0.03
15) 4-Methyl phenol -d8	8.675	113	121315m	6.016	ng/ul	0.09
21) Ni trobenzene-d5	9.110	128	332753	59.497	ng/ul	0.07
24) 2-Ni trophenol -d4	9.810	143	347910	58.143	ng/ul	0.05
28) 2,4-Di chl orophenol -d3	10.404	165	481190	43.477	ng/ul	0.10
31) 4-Chl oroani li ne-d4	10.898	131	918525	54.437	ng/ul	0.08
46) Di methyl phthal ate-d6	13.975	166	1783257	33.752	ng/ul	0.04
49) Acenaphthyl ene-d8	14.234	160	2010645	33.382	ng/ul	0.02
54) 4-Ni trophenol -d4	14.769	143	299861	27.408	ng/ul	0.05
60) Fl uorene-d10	15.533	176	1800717	39.246	ng/ul	0.02
65) 4,6-Di ni tro-2-methyl ph. . .	15.704	200	172589	20.564	ng/ul	0.07
73) Anthracene-d10	17.398	188	2361730	37.391	ng/ul	0.02
81) Pyrene-d10	19.627	212	2399069	33.699	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.662	264	2944257	37.715	ng/ul	0.03
<b>Target Compounds</b>						
2) 1,4-Di oxane	3.334	88	33393	4.826	ng/uL	95
5) Pyri di ne	3.752	79	2045515	112.308	ng/ul	93
6) Benzal dehyde	6.993	77	2219027m	207.674	ng/ul	
8) Phenol	7.216	94	32845340m	1298.253	ng/ul	
10) Bi s(2-Chl oroethyl )ether	7.346	93	520686	25.865	ng/ul	95
12) 2-Chl orophenol	7.475	128	433116	21.040	ng/ul	99
13) 2-Methyl phenol	8.399	108	18222697	914.219	ng/ul	97
14) 2,2'-oxybi s(1-Chl oropr. . .	8.469	45	152779m	7.698	ng/ul	
16) Acetophenone	8.940	105	2231777m	72.595	ng/ul	
17) N-Ni troso-di -n-propyl a. . .	8.922	70	323133m	22.332	ng/ul	
18) 4-Methyl phenol	8.881	108	43566561m	1983.748	ng/ul	
19) Hexachl oroethane	8.969	117	182757	23.803	ng/ul	93
22) Ni trobenzene	9.151	77	1255961m	104.417	ng/ul	
23) I sophorone	9.687	82	2428	0.100	ng/ul #	1
25) 2-Ni trophenol	9.840	139	356620	52.183	ng/ul	99
26) 2,4-Di methyl phenol	10.010	107	28201874m	2196.712	ng/ul	
27) Bi s(2-Chl oroethoxy)met. . .	10.181	93	795226	50.515	ng/ul #	96
29) 2,4-Di chl orophenol	10.434	162	403592	35.193	ng/ul	96
30) Naphthal ene	10.798	128	55518426m	1407.734	ng/ul	
32) 4-Chl oroani li ne	10.916	127	414853	24.033	ng/ul	97
33) Hexachl orobutadi ene	11.034	225	383228	56.457	ng/ul	96
34) Caprol actam	11.716	113	1916	0.472	ng/ul #	38
35) 4-Chl oro-3-methyl phenol	12.069	107	642154	52.811	ng/ul	85



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
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 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multi plier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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	12.392	142	13490534	489.819	ng/ul	99
37) 1-Methyl naphthal ene	12.610	142	10856159m	392.825	ng/ul	
39) 1, 2, 4, 5-Tetrachl oroben. . .	12.740	216	773726	36.111	ng/ul	99
40) Hexachl orocycl opentadi ene	12.704	237	1427	0.117	ng/ul #	90
41) 2, 4, 6-Tri chl orophenol	13.004	196	490033m	34.166	ng/ul	
42) 2, 4, 5-Tri chl orophenol	13.087	196	525909m	33.662	ng/ul	
43) 1, 1' -Bi phenyl	13.375	154	4543762	83.147	ng/ul	97
44) 2-Chl oronaphthal ene	13.416	162	1276822	29.553	ng/ul	99
45) 2-Ni troani li ne	13.639	65	359224	34.061	ng/ul	97
47) Di methyl phthal ate	14.022	163	1890634	34.146	ng/ul	100
48) 2, 6-Di ni trotol uene	14.134	165	399998	37.068	ng/ul #	86
50) Acenaphthyl ene	14.275	152	10614218	158.674	ng/ul	97
51) 3-Ni troani li ne	14.469	138	398563	31.866	ng/ul #	94
52) Acenaphthene	14.604	153	4290410	90.908	ng/ul	98
53) 2, 4-Di ni trophenol	14.739	184	104540m	14.289	ng/ul	
55) 4-Ni trophenol	14.810	109	49681m	6.727	ng/ul	
56) Di benzofuran	14.951	168	8837452	136.715	ng/ul	95
57) 2, 4-Di ni trotol uene	14.939	165	438726m	27.815	ng/ul	
58) 2, 3, 4, 6-Tetrachl orophenol	15.181	232	465884	34.326	ng/ul #	92
59) Di ethyl phthal ate	15.381	149	1893651	34.137	ng/ul	99
61) Fl uorene	15.598	166	7158397	135.207	ng/ul	99
62) 4-Chl orophenyl -phenyl e. . .	15.581	204	796936	30.406	ng/ul	99
63) 4-Ni troani li ne	15.651	138	400058	33.519	ng/ul	94
66) 4, 6-Di ni tro-2-methyl ph. . .	15.722	198	162894	18.321	ng/ul #	1
67) N-Ni trosodi phenyl ami ne	15.804	169	1440819	35.224	ng/ul	96
68) 4-Bromophenyl -phenyl ether	16.475	248	552296m	39.158	ng/ul	
69) Hexachl orobenzene	16.598	284	612181	38.142	ng/ul	96
70) Atrazi ne	16.798	200	46581m	3.156	ng/ul	
71) Pentachl orophenol	16.963	266	382220	36.208	ng/ul	98
72) Phenanthrene	17.351	178	16603431m	217.885	ng/ul	
74) Anthracene	17.439	178	11116276	144.986	ng/ul	97
75) 1, 2, 3, 4-Tetrachl oroben. . .	13.339	216	830958	43.417	ng/uL	98
76) Pentachl orobenzene	14.857	250	506752	24.779	ng/uL	98
77) Carbazol e	17.716	167	9538329	137.690	ng/ul	96
78) Di -n-butyl phthal ate	18.257	149	2809794m	33.121	ng/ul	
80) Fl uoranthene	19.316	202	11731611m	134.653	ng/ul	
82) Pyrene	19.663	202	9905770	109.200	ng/ul #	86
83) Butyl benzyl phthal ate	20.527	149	1438439	36.690	ng/ul	97
84) 3, 3' -Di chl orobenzi di ne	21.304	252	529457	16.361	ng/ul #	96
85) Benzo(a)anthracene	21.368	228	7810172	84.961	ng/ul	93
86) Bi s(2-ethyl hexyl )phtha. . .	21.280	149	2099768	35.556	ng/ul #	97
87) Chrysene	21.421	228	6657657	77.173	ng/ul	96
89) Di -n-octyl phthal ate	22.210	149	3676996	36.957	ng/ul	100
90) Benzo(b)fl uoranthene	23.080	252	8124116	81.620	ng/ul	98
91) Benzo(k)fl uoranthene	23.121	252	5193087	54.179	ng/ul	98
93) Benzo(a)pyrene	23.715	252	7135160	80.326	ng/ul	97
94) I ndeno(1, 2, 3-cd)pyrene	26.362	276	6049267	53.504	ng/ul	98
95) Di benzo(a, h)anthracene	26.374	278	4032046	40.145	ng/ul	97
96) Benzo(g, h, i )peryl ene	27.139	276	5231189	52.189	ng/ul	97

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

**Instrument :**

BNA\_P

**ClientSampleId :**

E10007MSD

**Manual IntegrationsAPPROVED**

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011995.D  
 Acq On : 07 Oct 2022 06:02  
 Operator : CG/JU  
 Sample : N4923-21MSD  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 E10007MSD

**Manual IntegrationsAPPROVED**

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

Quant Time: Oct 07 06:26:44 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

