

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23: 46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

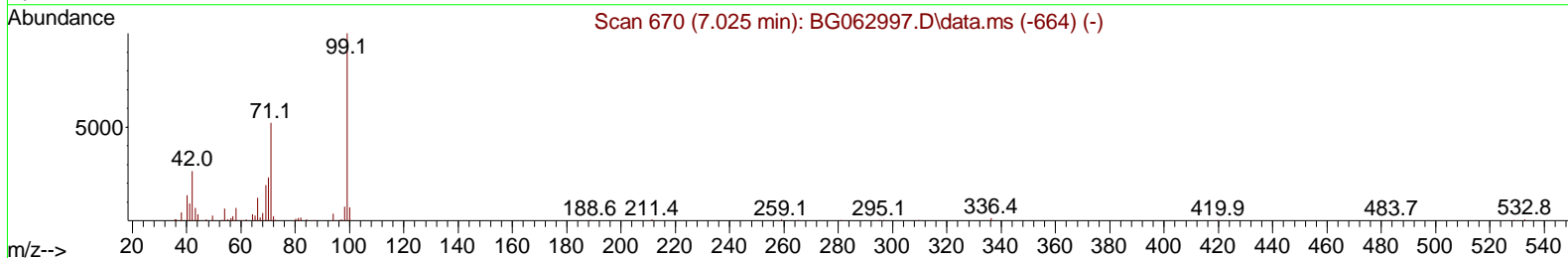
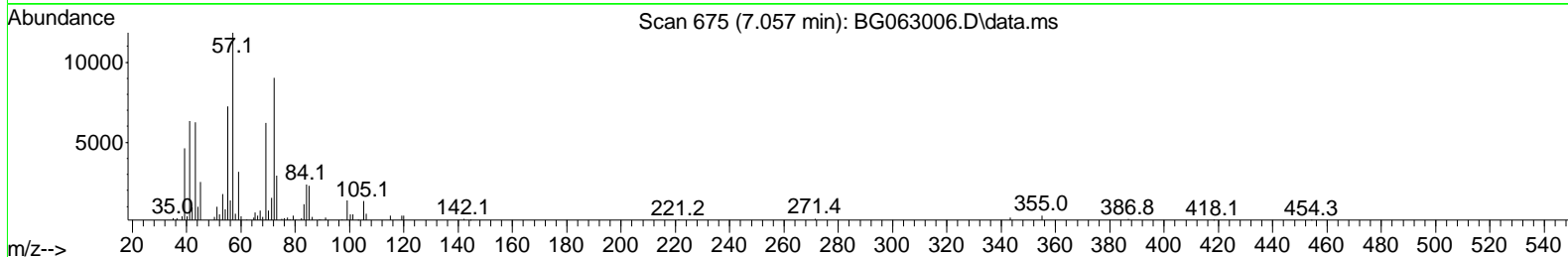
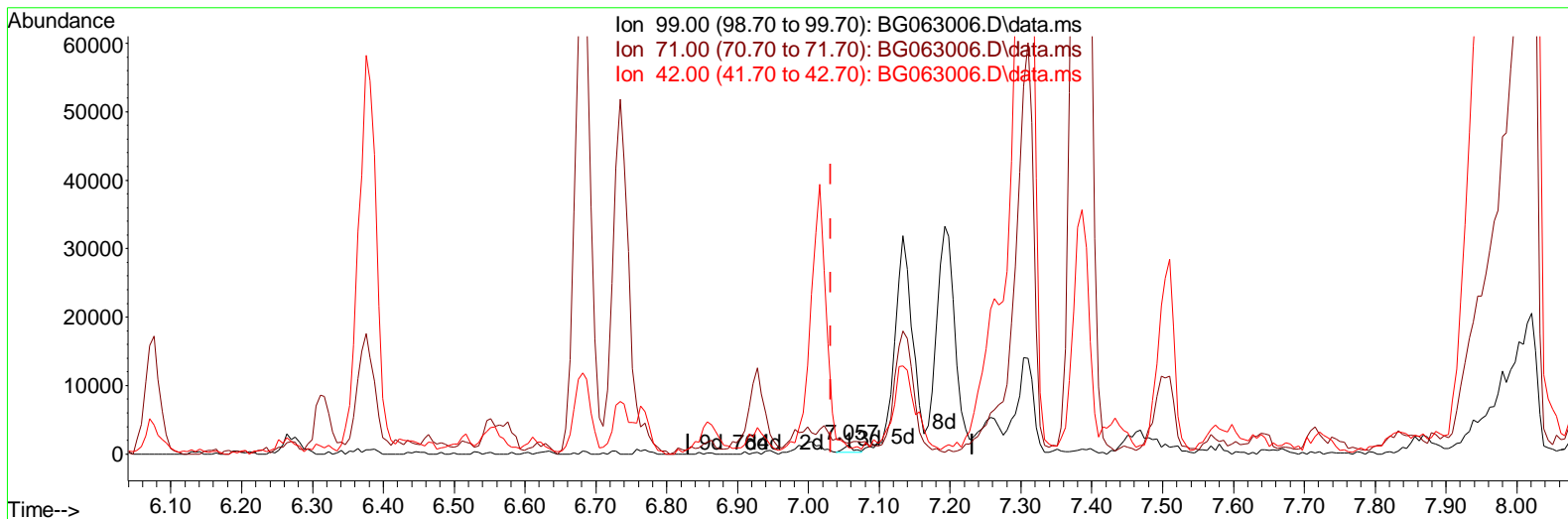
DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:02:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(7) Phenol-d5 (S)

7.057min (+ 0.026) 0.33 ng/ul

response 991

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	114.05#
42.00	20.50	68.32#
0.00	0.00	0.00

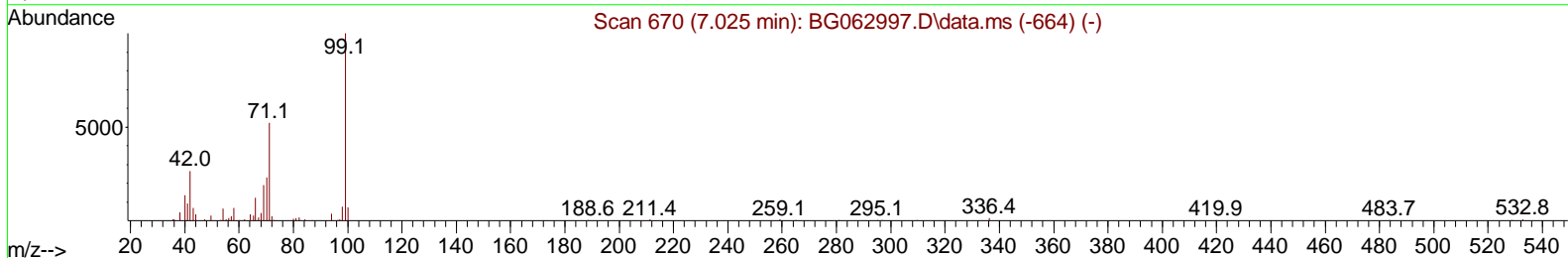
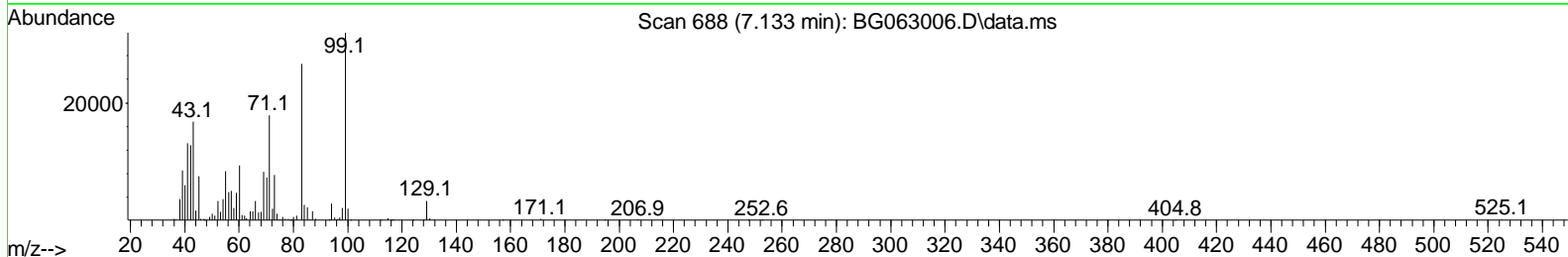
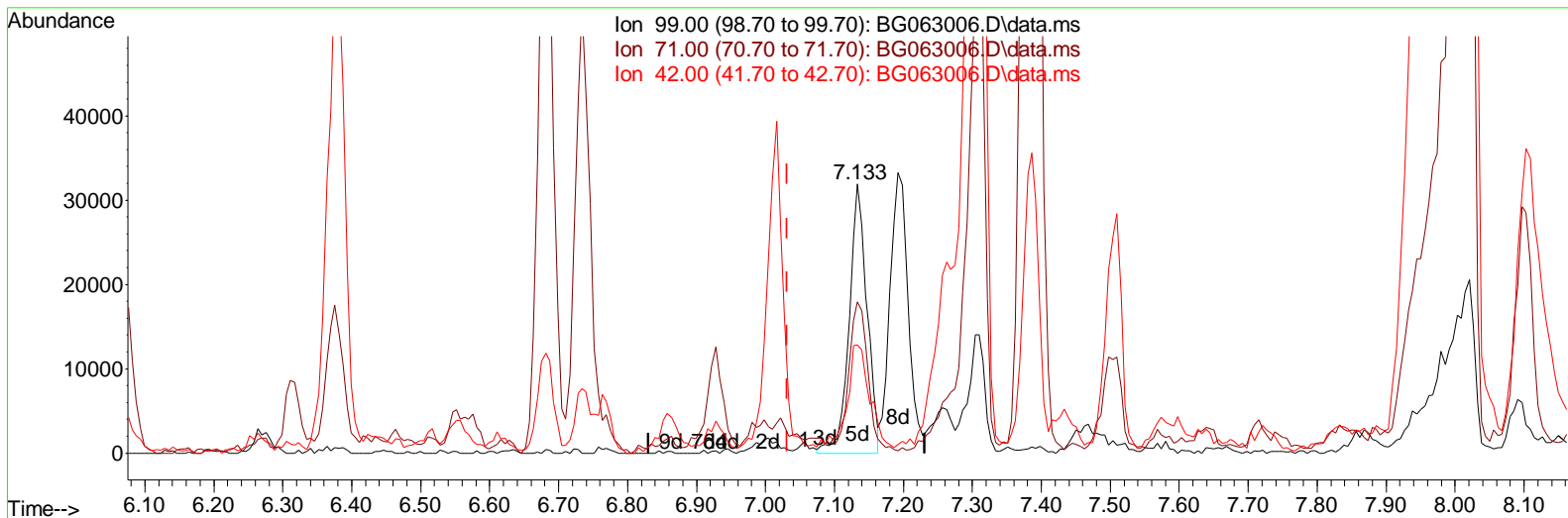
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual IntegrationsAPPROVED**

Quant Time: Sep 24 01:02:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(7) Phenol-d5 (S)

7.133min (+ 0.102) 19.24 ng/ul m

response 57348

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	56.27#
42.00	20.50	40.28#
0.00	0.00	0.00

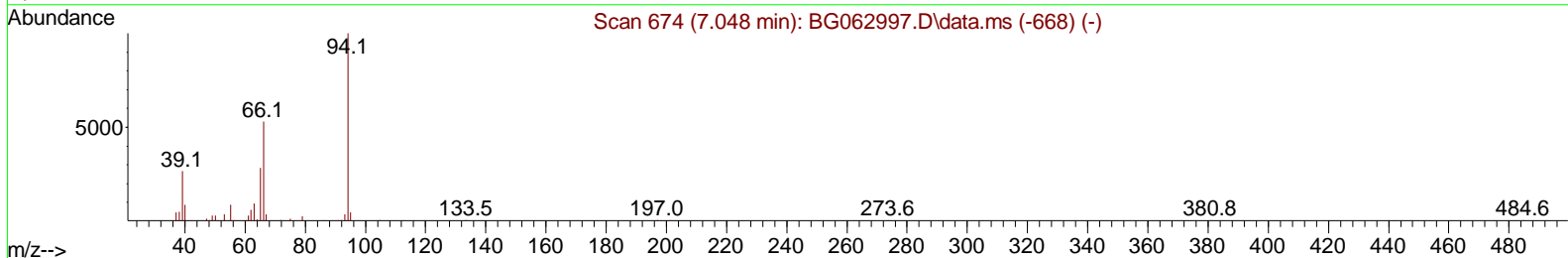
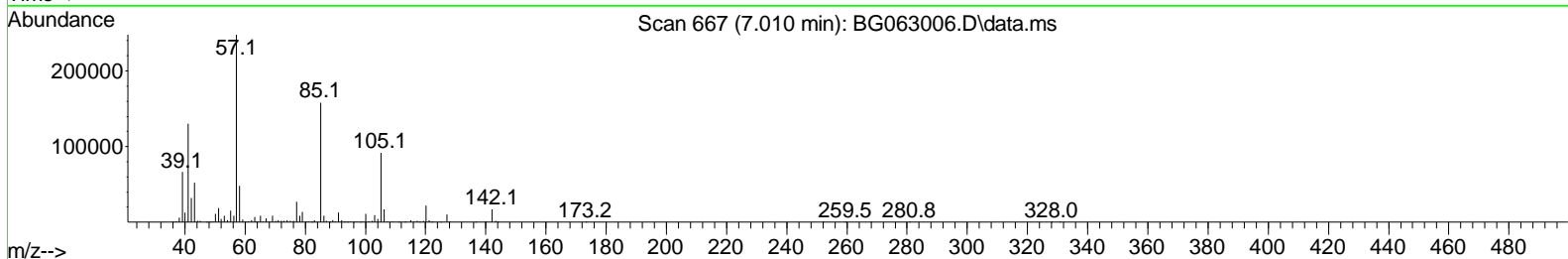
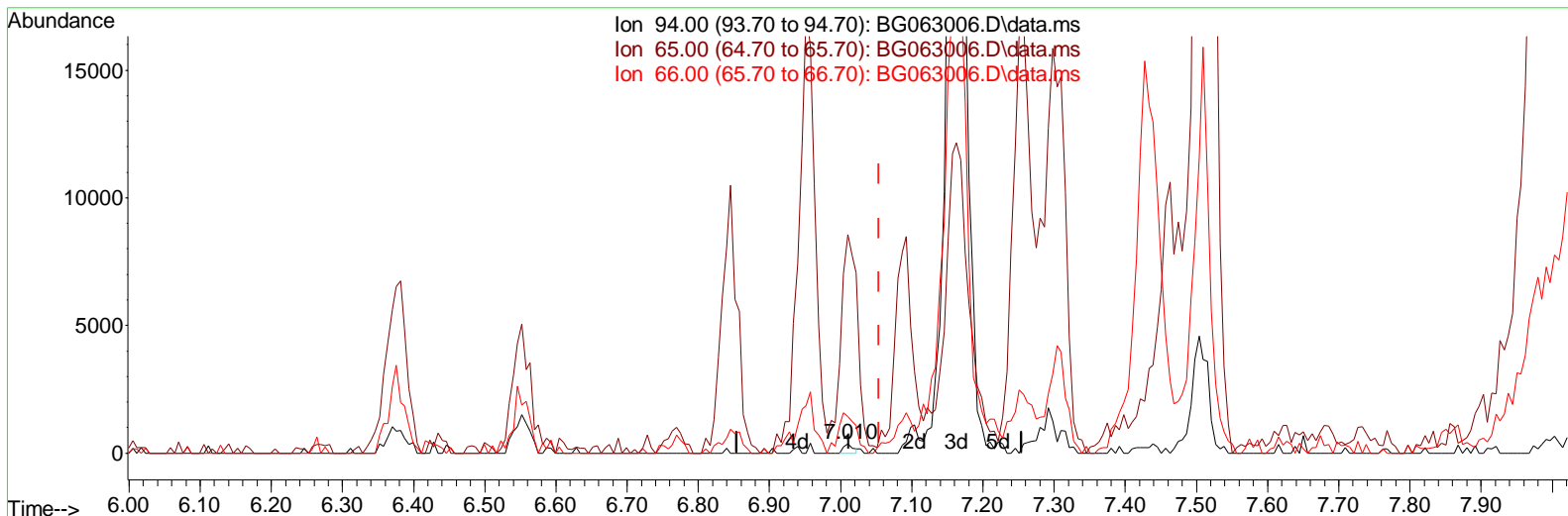
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:02:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
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Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(8) Phenol

7.010min (-0.044) 0.11 ng/ul

response 332

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.70	2348.08#
66.00	45.30	390.38#
0.00	0.00	0.00

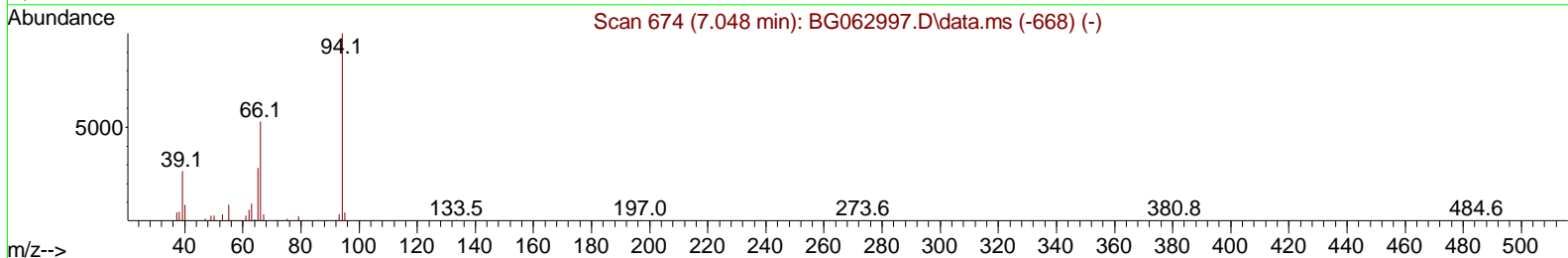
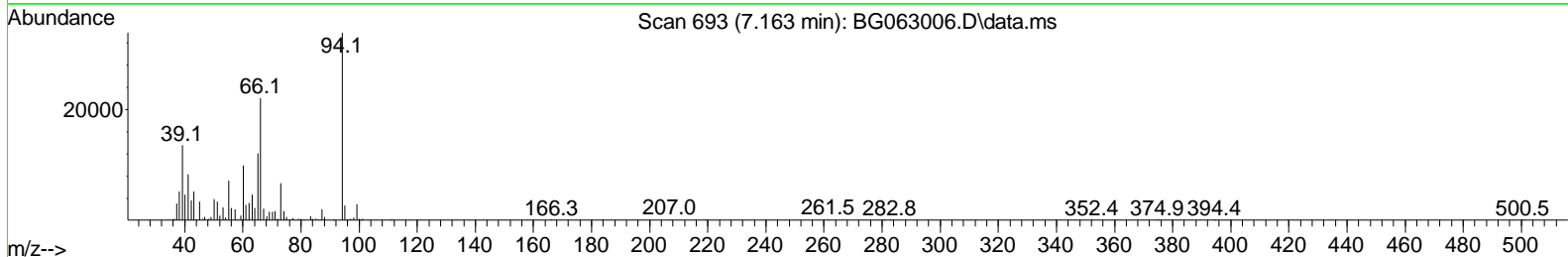
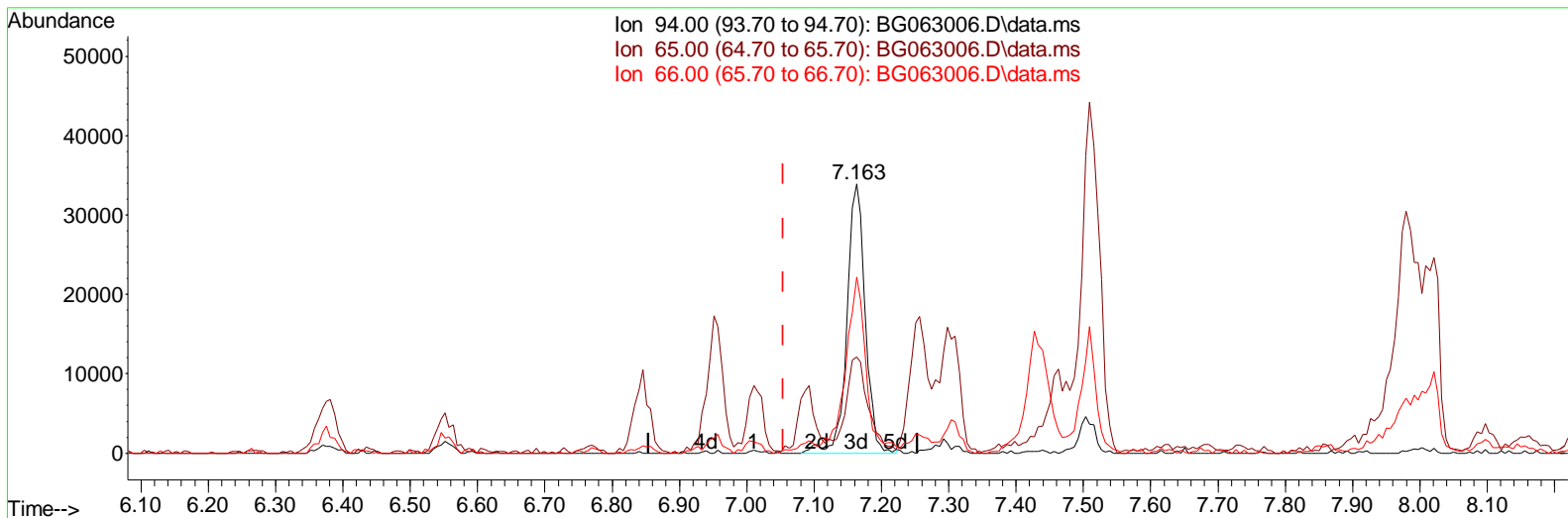
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:02:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
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Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(8) Phenol

7.163min (+ 0.108) 20.45 ng/ul m

response 63576

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.70	35.85
66.00	45.30	65.34#
0.00	0.00	0.00

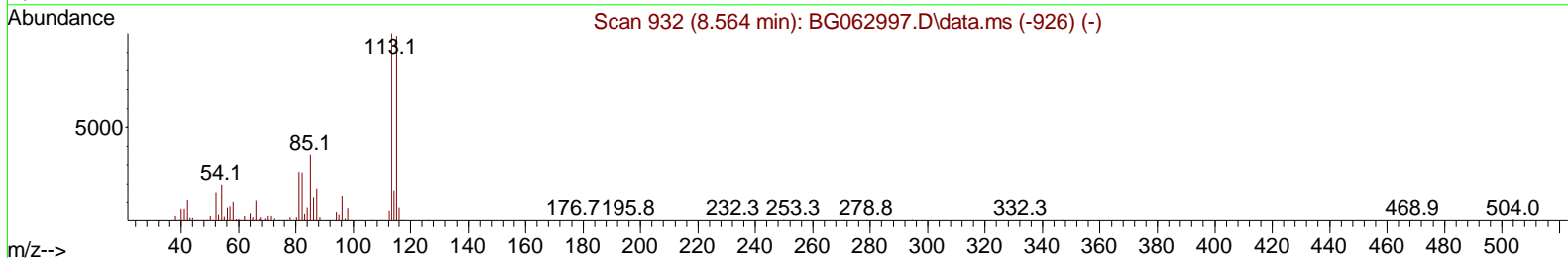
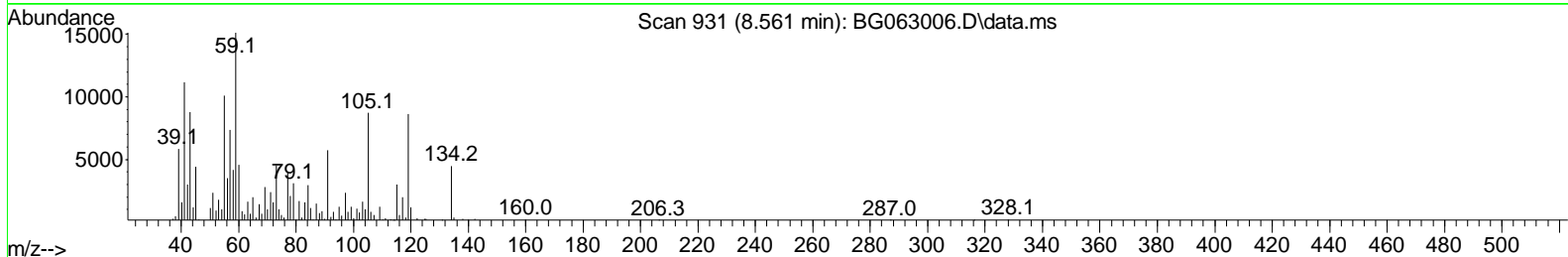
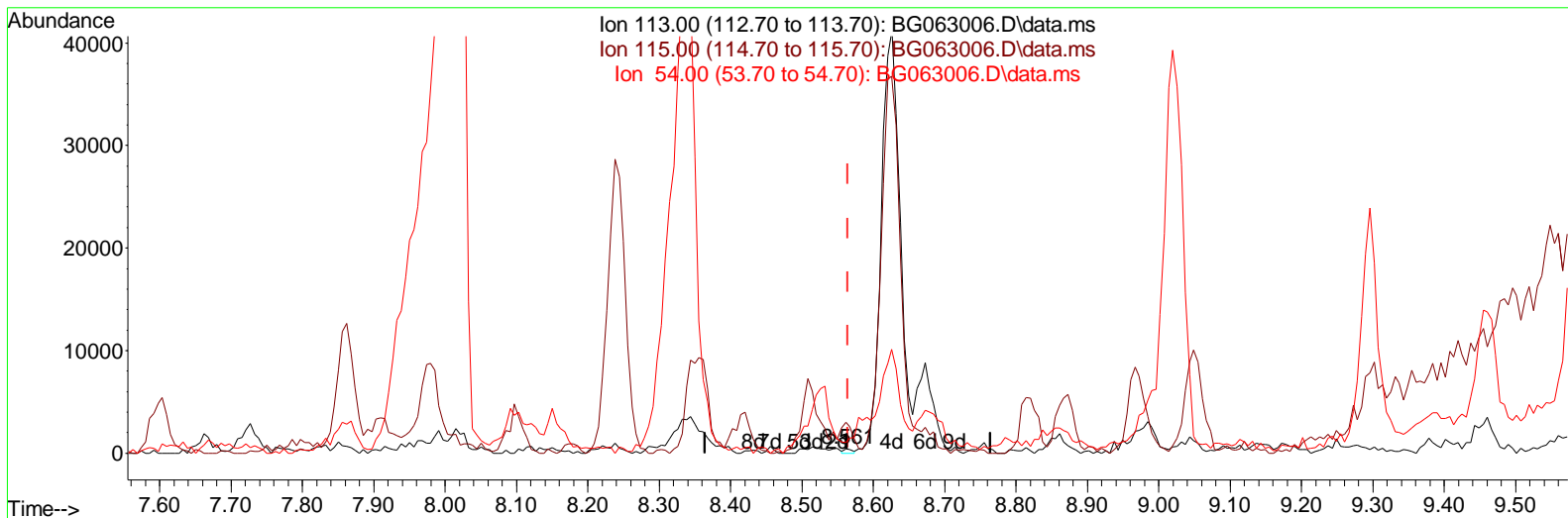
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:02:29 2024  
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Reviewed By :Yogesh Patel 09/25/2024  
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TIC: BG063006.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.561min (-0.003) 0.15 ng/ul

response	333	
Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	712.20#
54.00	17.30	244.98#
0.00	0.00	0.00

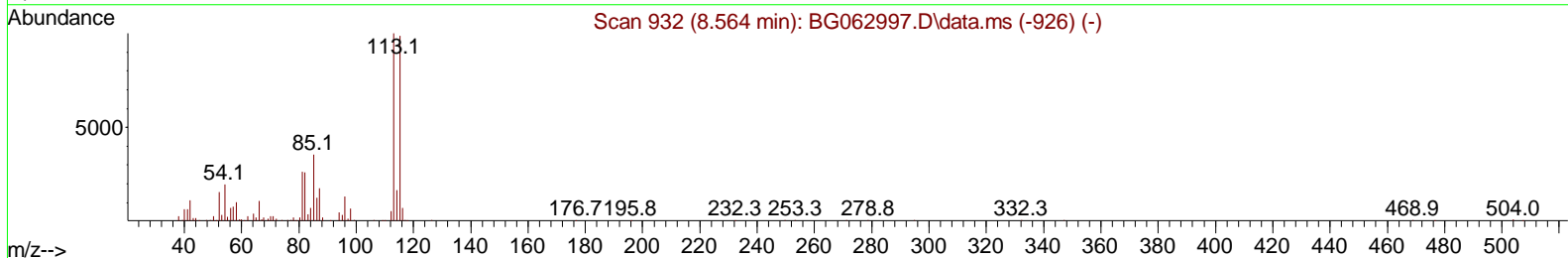
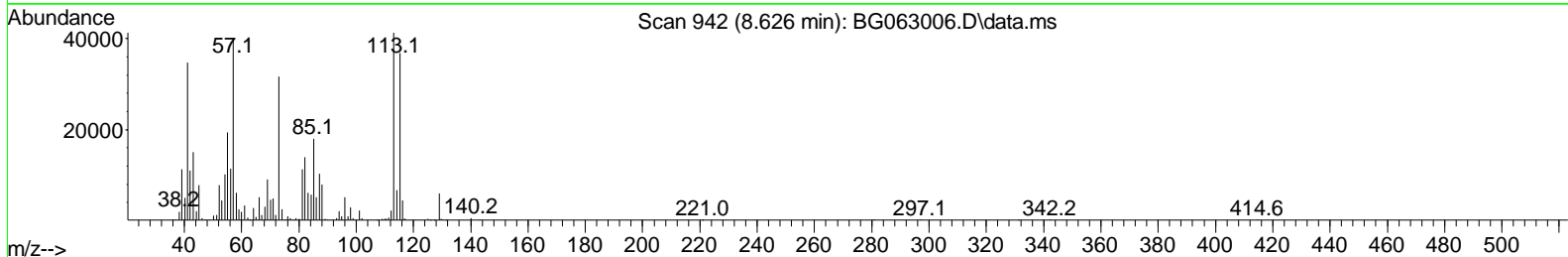
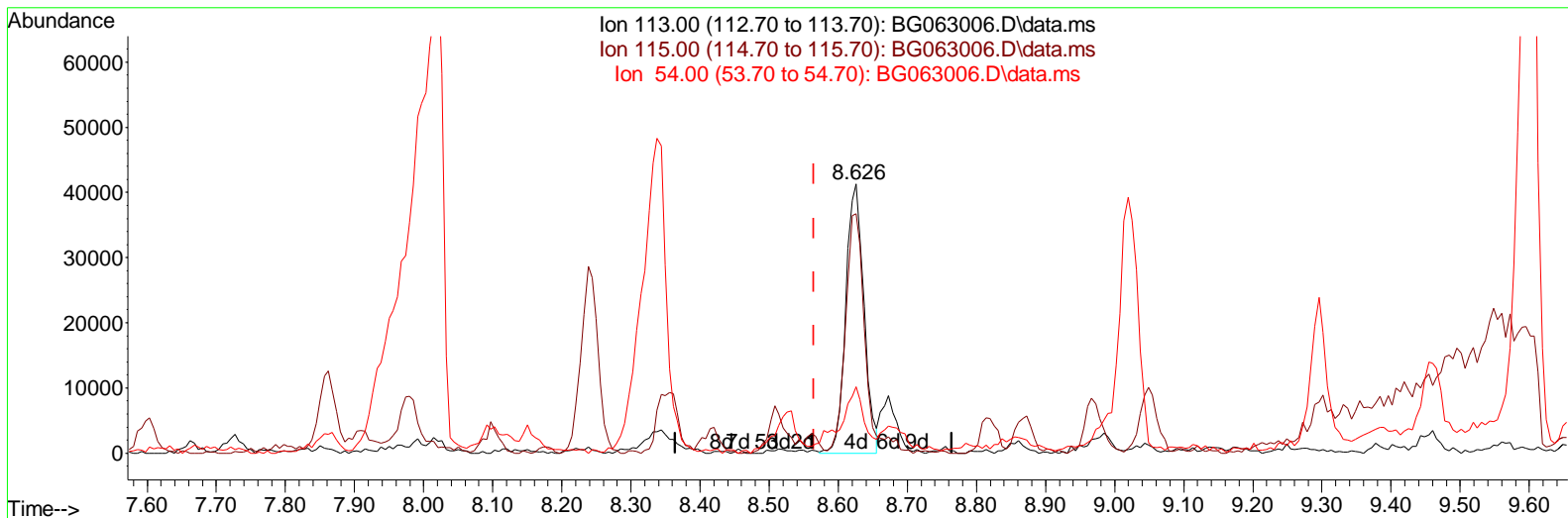
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:02:29 2024  
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 QLast Update : Wed Sep 18 00:45:18 2024  
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Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.626min (+ 0.061) 34.59 ng/ul m

response 75533

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	89.09
54.00	17.30	24.55#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

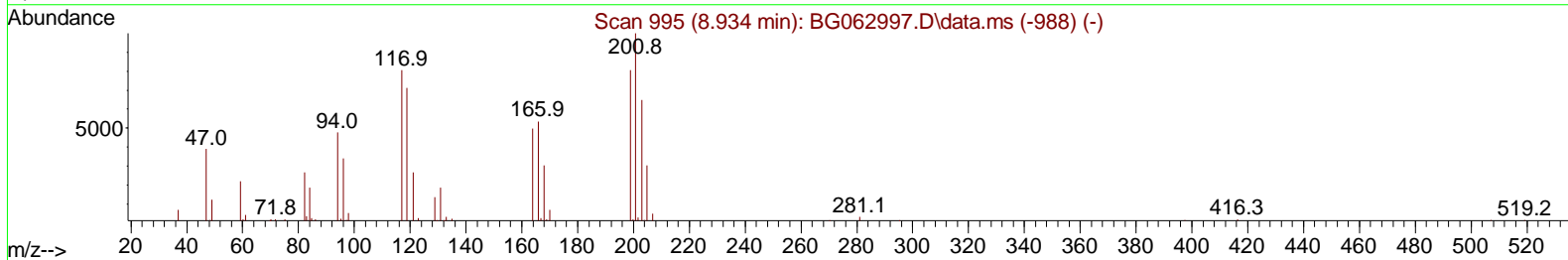
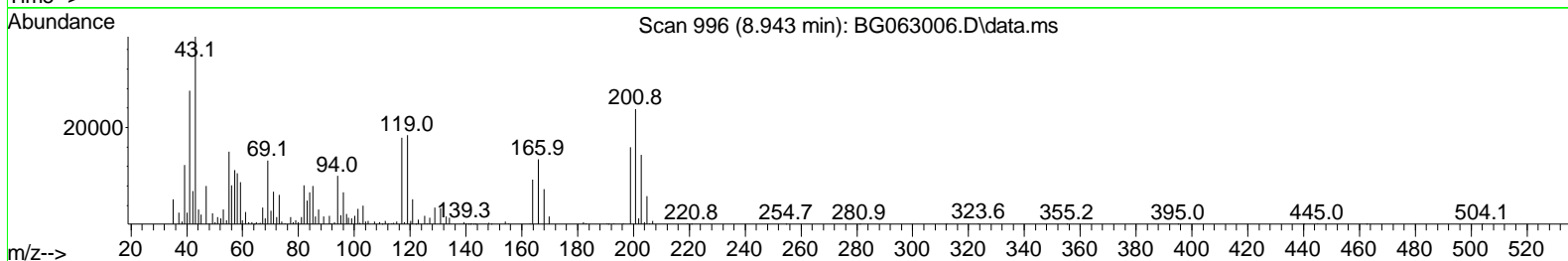
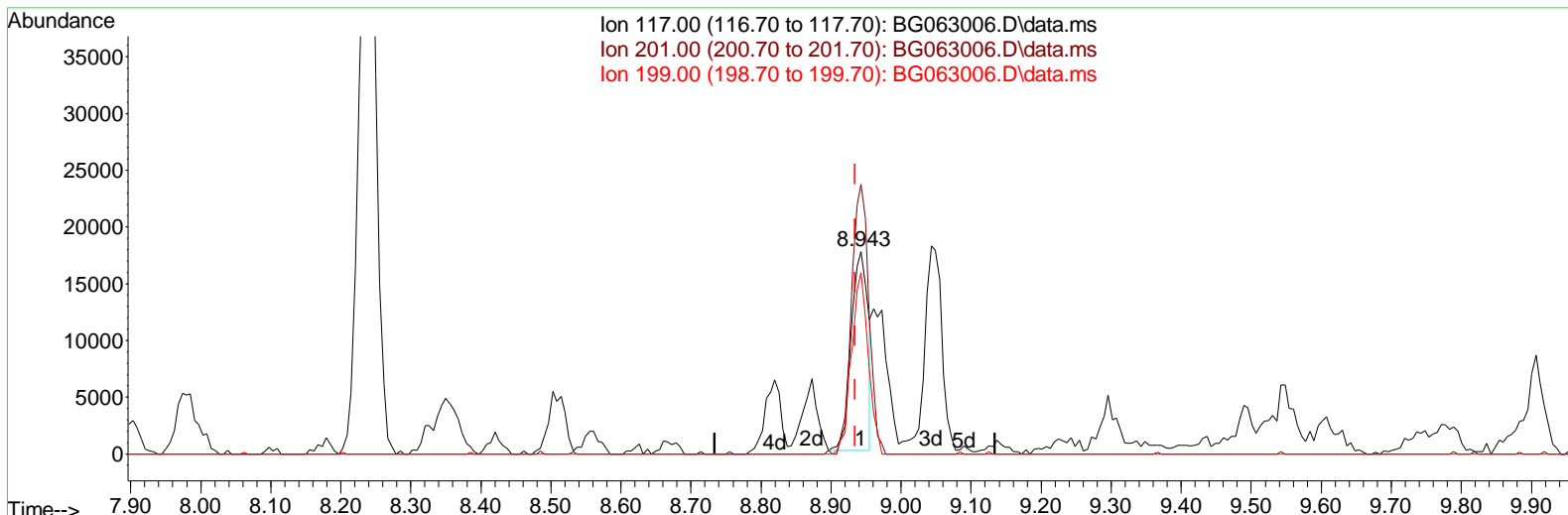
DDC59MS

Manual Integrations APPROVED

Reviewed By : Yogesh Patel 09/25/2024

Supervised By : mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:02:29 2024  
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 Response via : Initial Calibration



TIC: BG063006.D\data.ms

(19) Hexachloroethane

8.943min (+ 0.008) 34.50 ng/ul

response 29446

Ion	Exp%	Act%
117.00	100.00	100.00
201.00	126.50	132.97
199.00	76.50	89.50
0.00	0.00	0.00

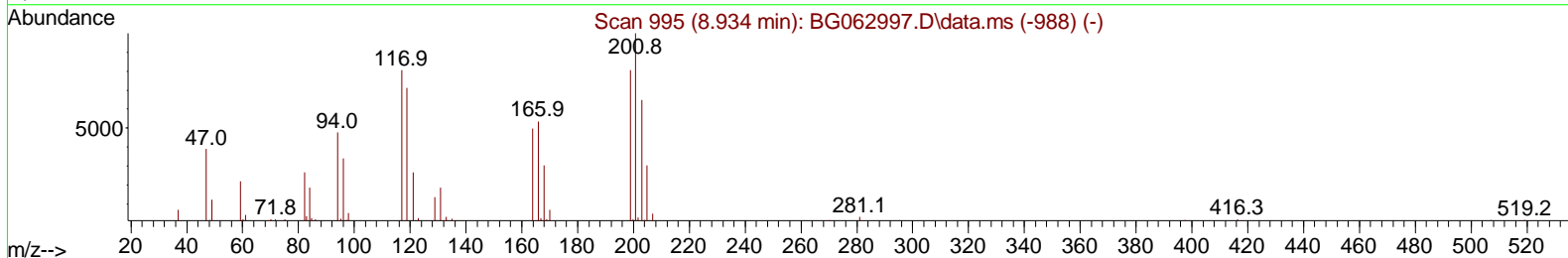
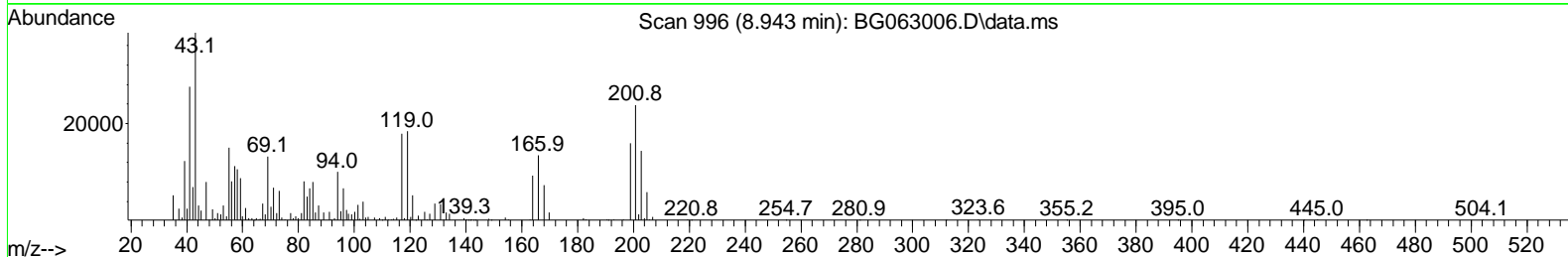
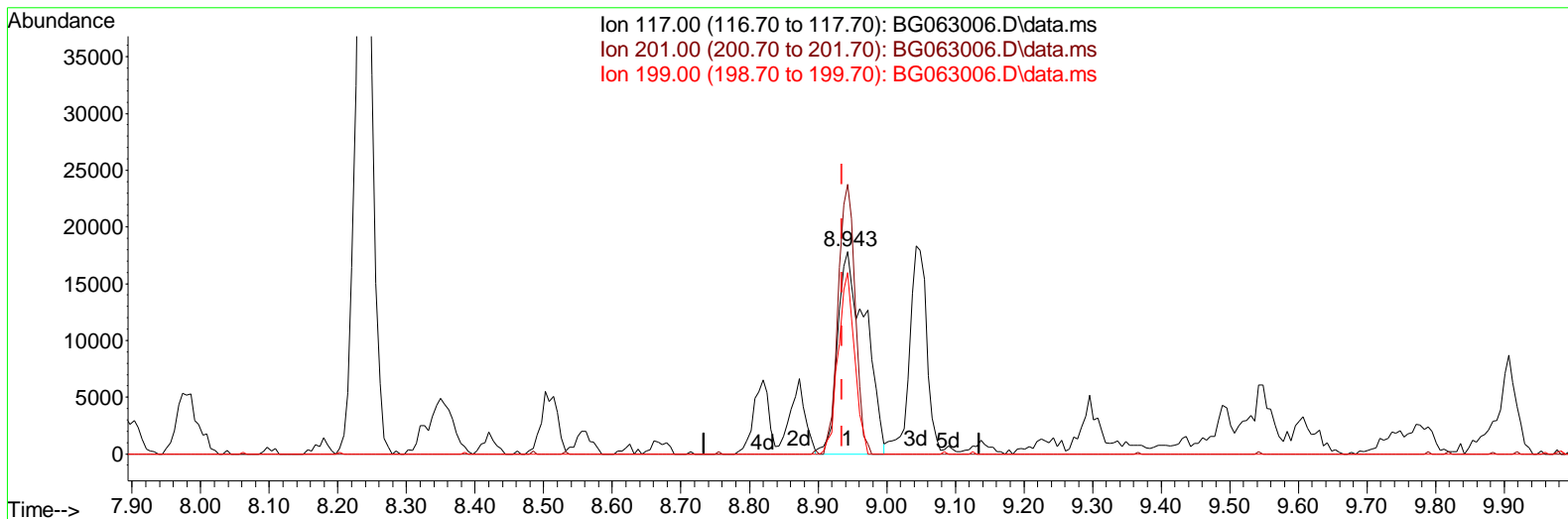
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual Integrations APPROVED**

Quant Time: Sep 24 01:02:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

**(19) Hexachloroethane**

8.943min (+ 0.008) 58.74 ng/ul m

response 50130

Ion	Exp%	Act%
117.00	100.00	100.00
201.00	126.50	132.97
199.00	76.50	89.50
0.00	0.00	0.00



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**

BNA\_G

**ClientSampleId :**

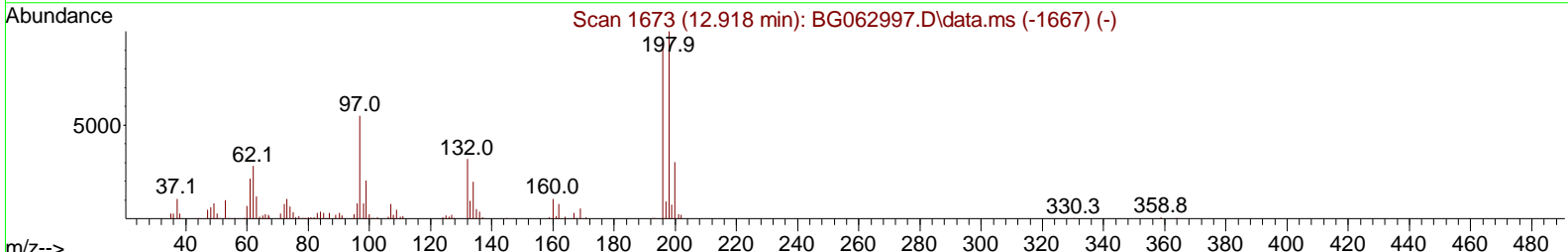
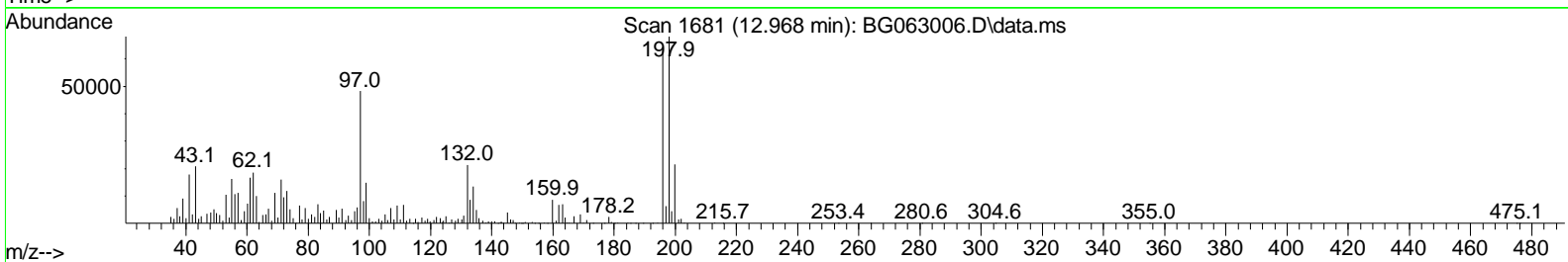
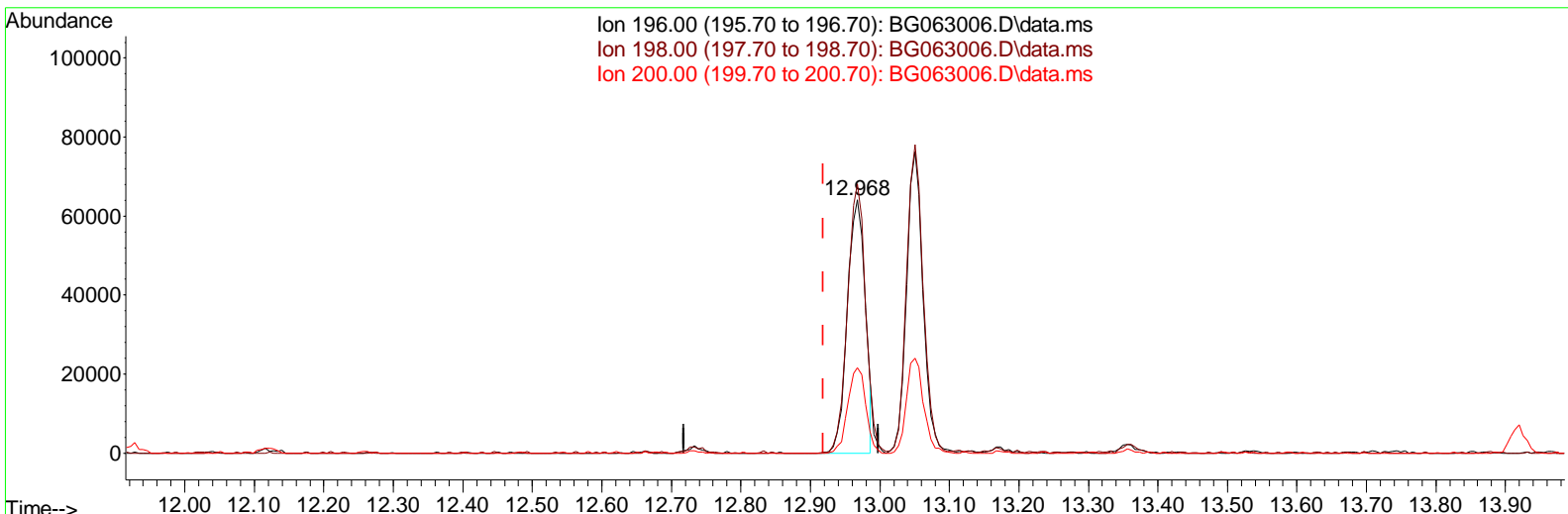
DDC59MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration



TIC: BG063006.D\data.ms

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

12.968min (+ 0.050) 53.91 ng/ul

response 114644

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	106.16
200.00	38.10	33.72
0.00	0.00	0.00

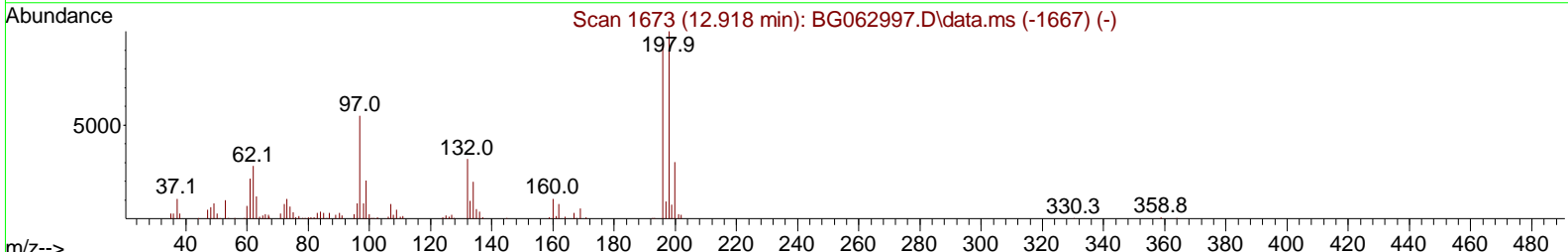
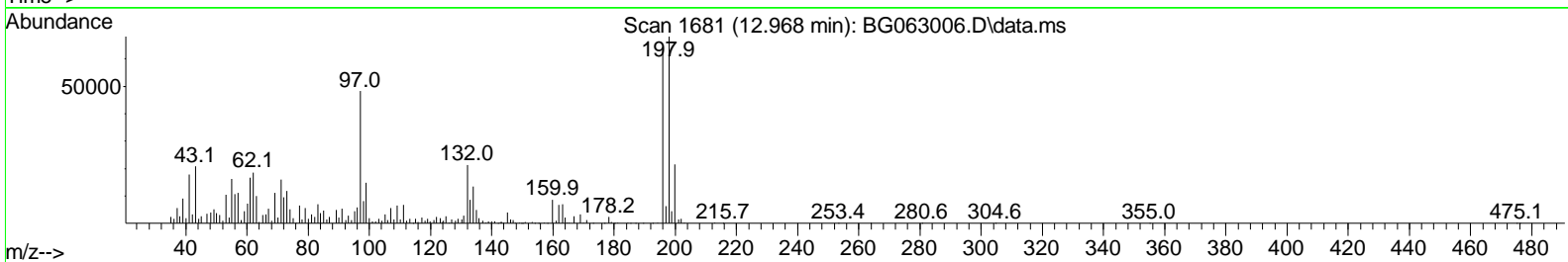
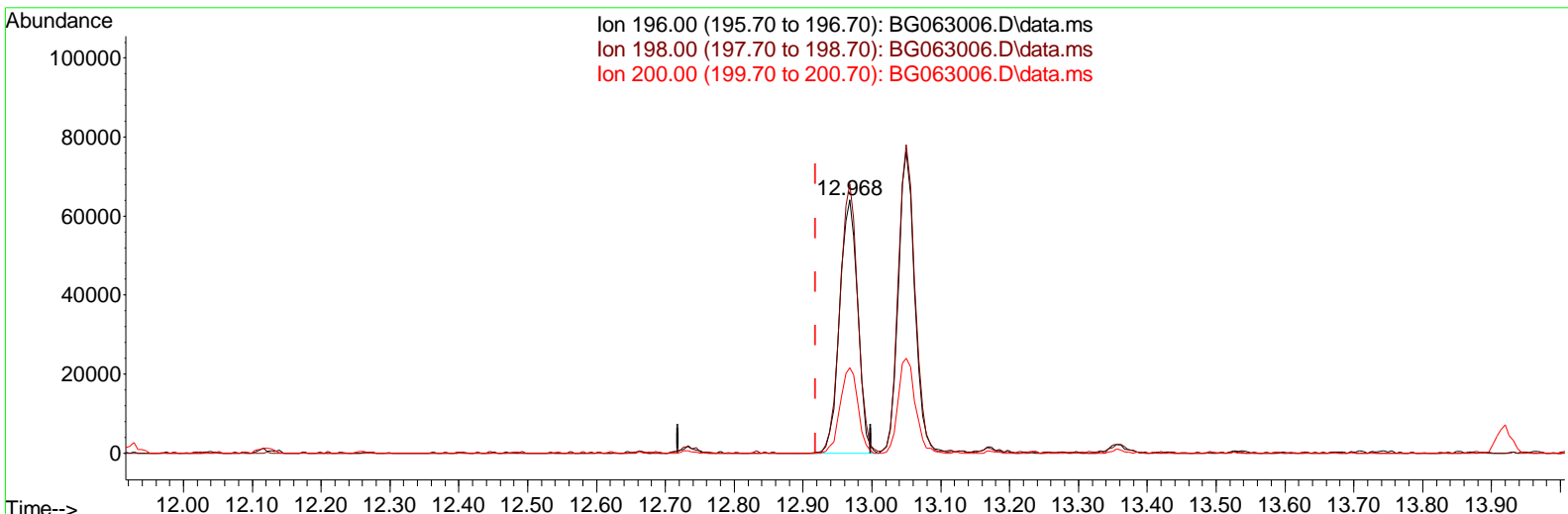
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual Integrations APPROVED**

Reviewed By : Yogesh Patel 09/25/2024  
 Supervised By : mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration



TIC: BG063006.D\data.ms

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

12.968min (+ 0.050) 55.14 ng/ul m

response 117265

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	106.16
200.00	38.10	33.72
0.00	0.00	0.00

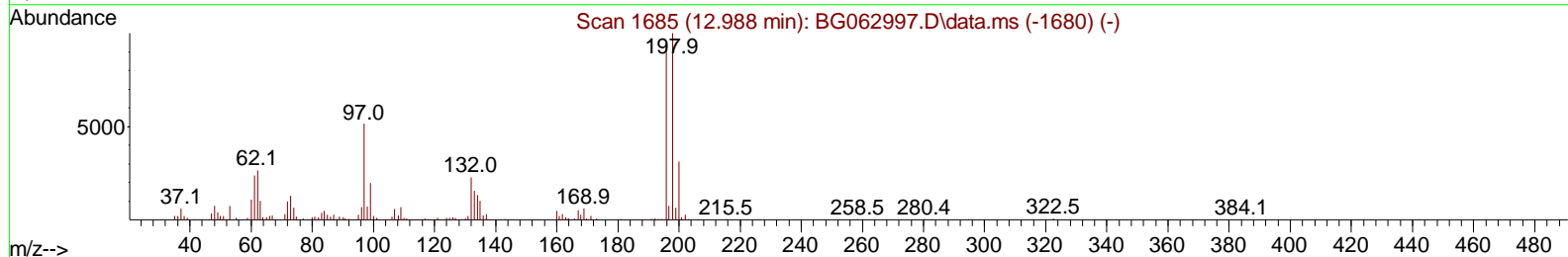
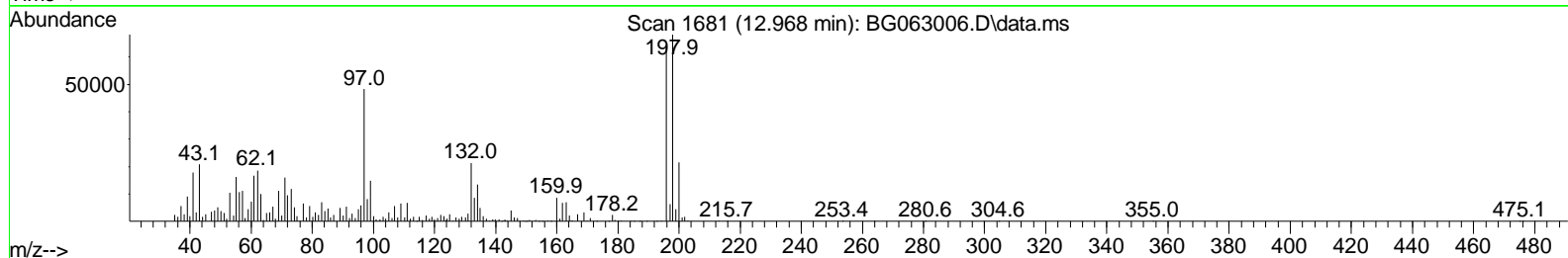
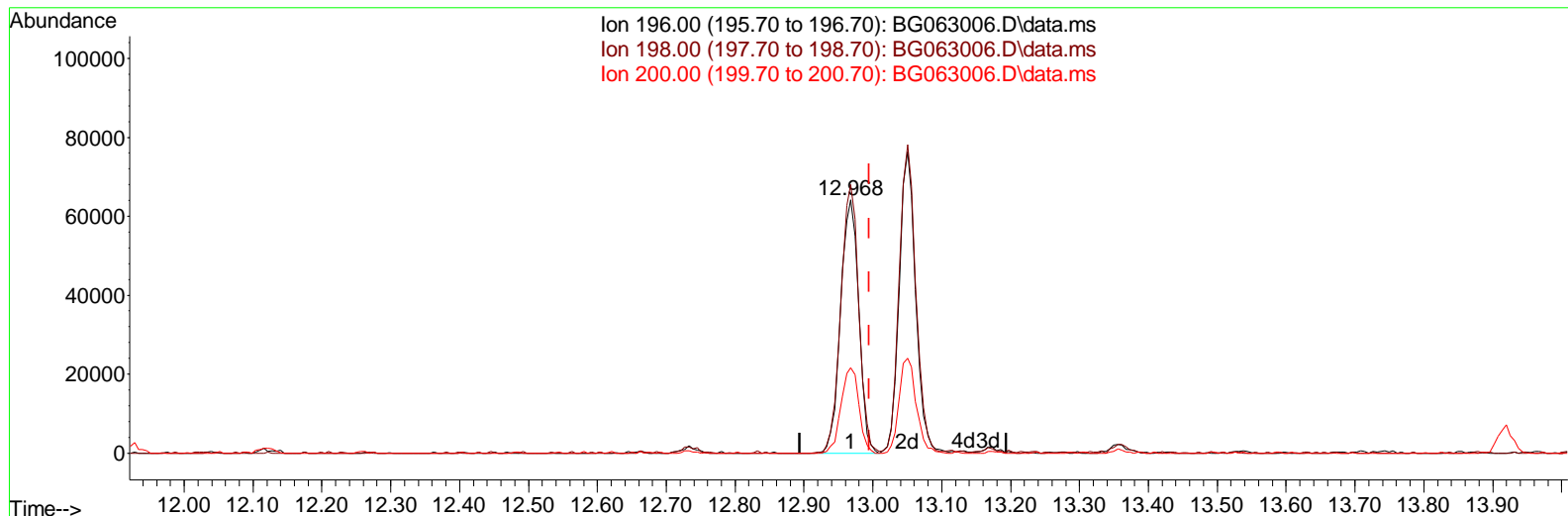
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
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Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(42) 2,4,5-Trichlorophenol

12.968min (-0.027) 52.47 ng/ul

response 117215

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	106.16
200.00	31.90	33.72
0.00	0.00	0.00

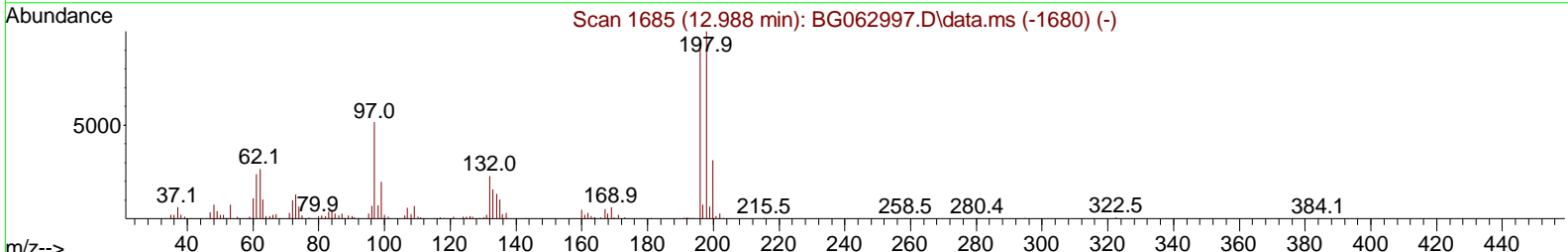
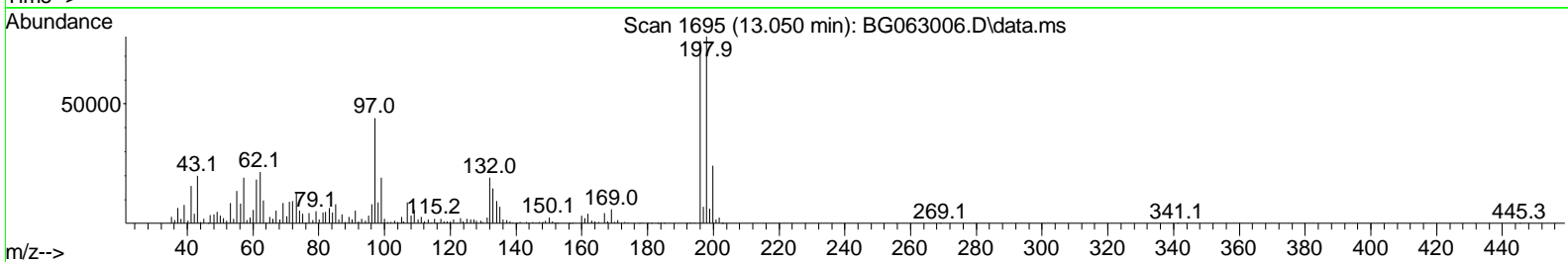
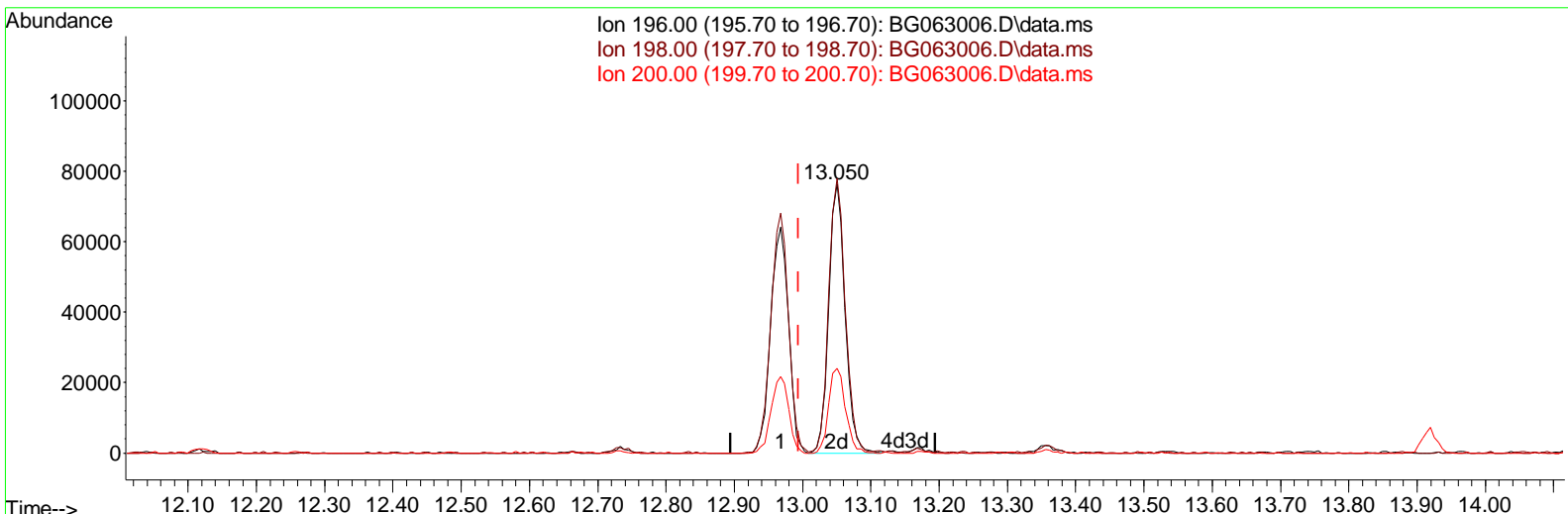
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual IntegrationsAPPROVED**

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
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Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(42) 2,4,5-Trichlorophenol

13.050min (+ 0.055) 56.86 ng/ul m

response 127041

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	102.32
200.00	31.90	31.56
0.00	0.00	0.00

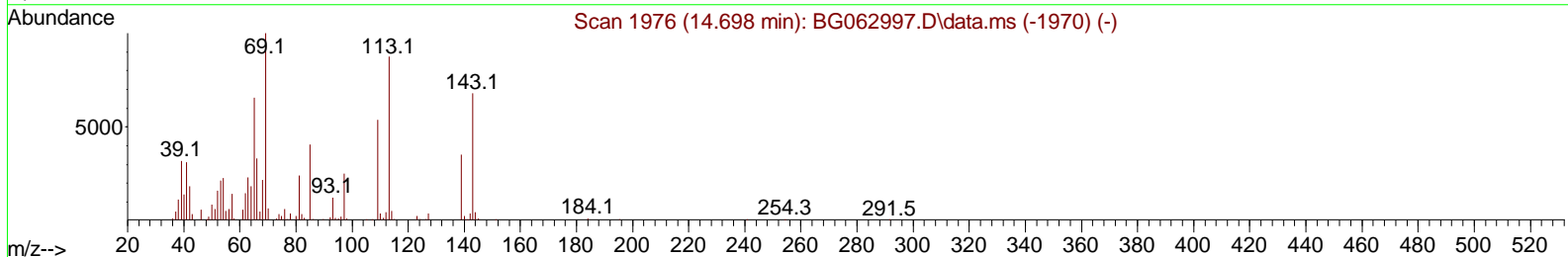
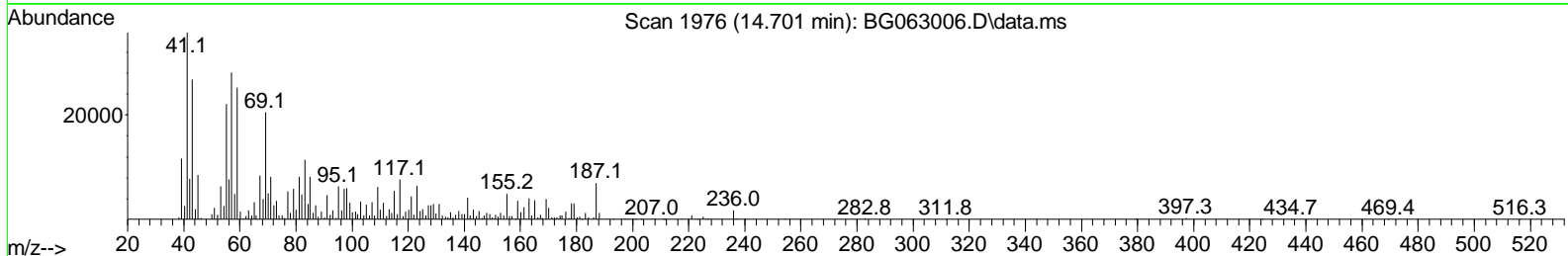
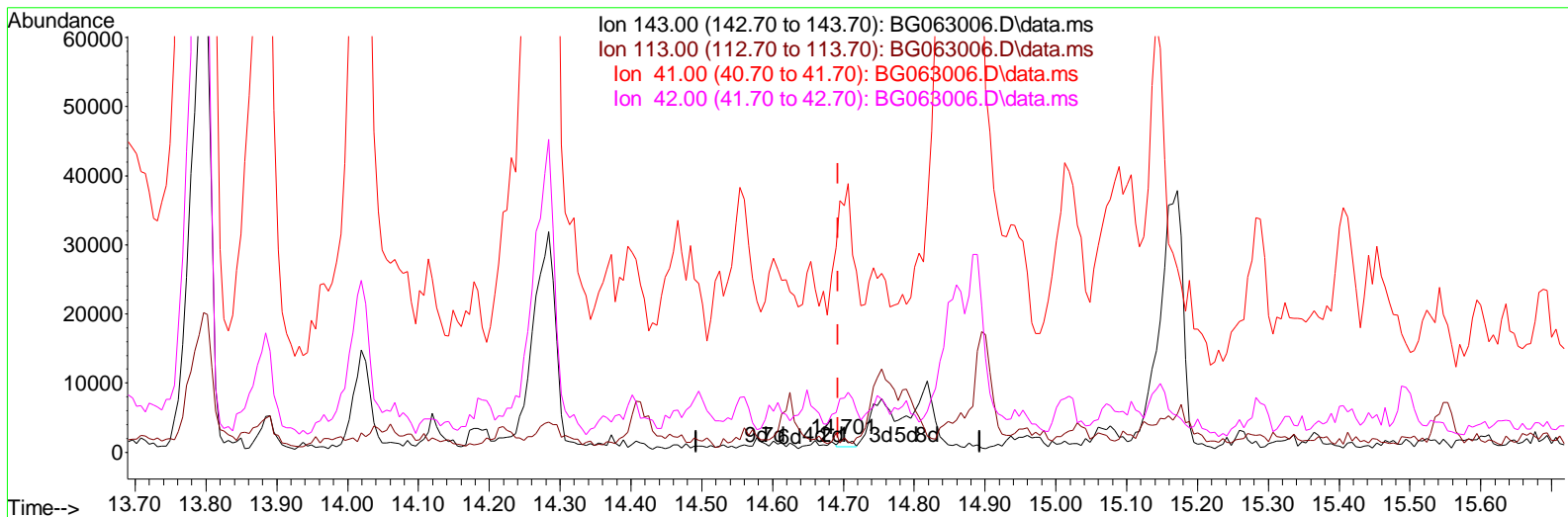
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:28:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.701min (+ 0.008) 1.05 ng/ul

response 1210

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	106.22
41.00	49.70	1833.09#
42.00	34.20	402.62#

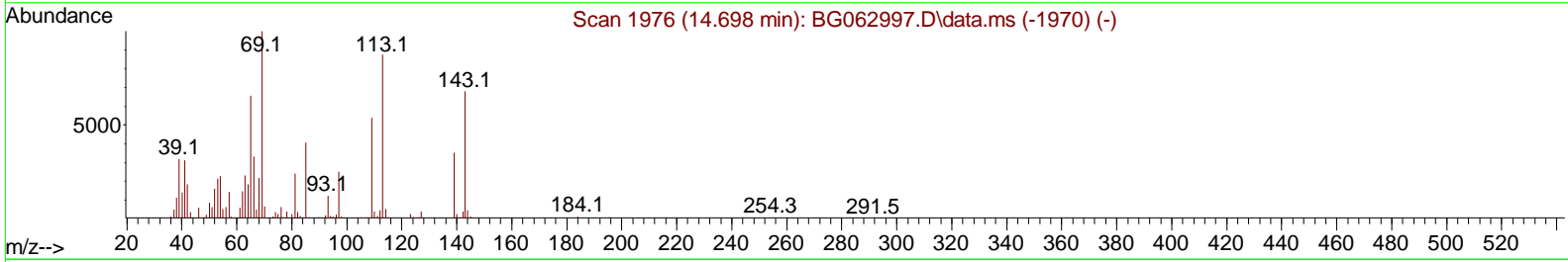
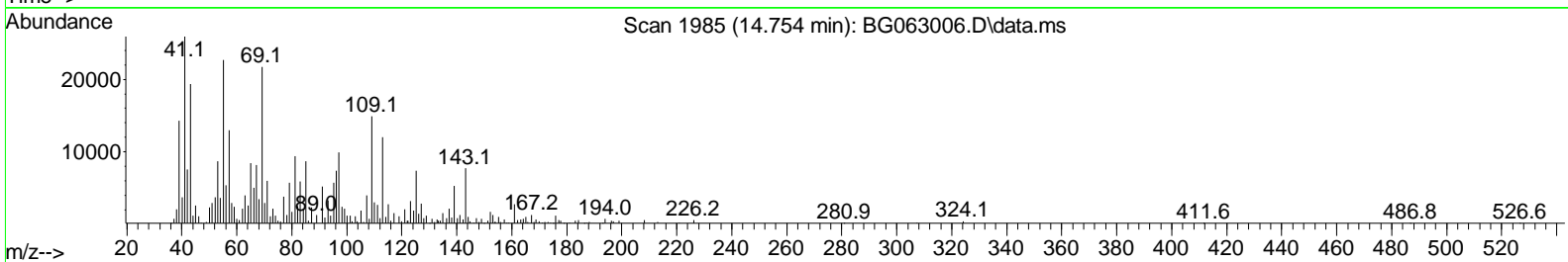
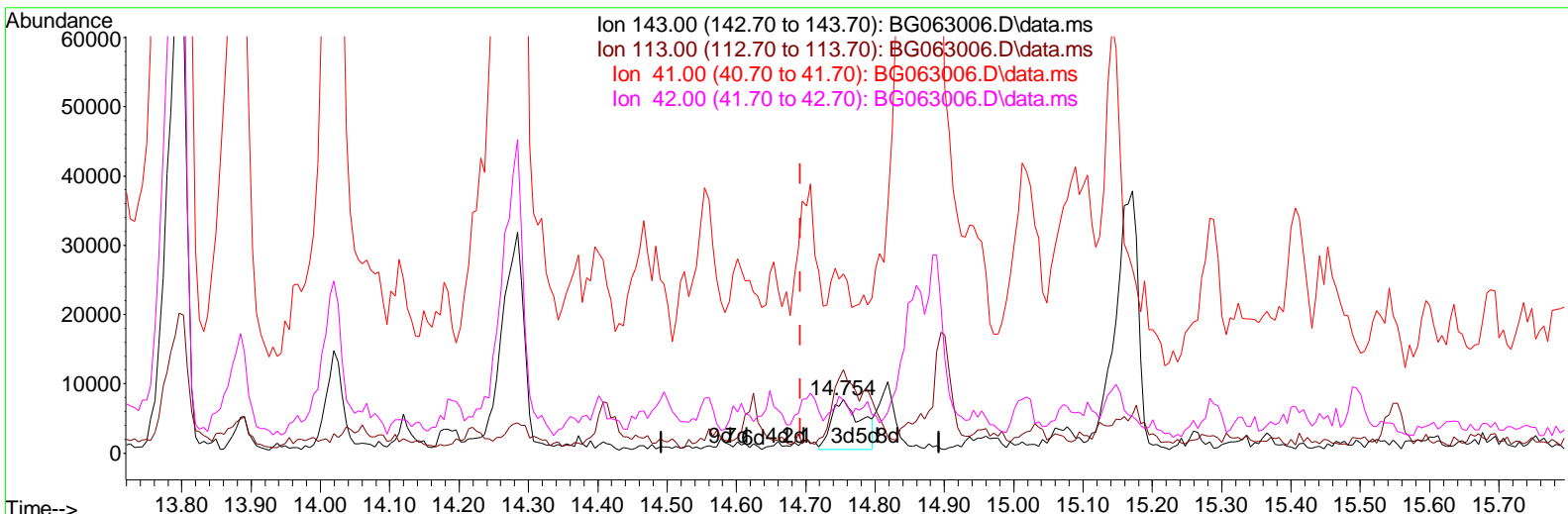
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual IntegrationsAPPROVED**

Quant Time: Sep 24 01:28:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.754min (+ 0.061) 18.73 ng/ul m

response	21494	
Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	155.64#
41.00	49.70	335.41#
42.00	34.20	98.54#

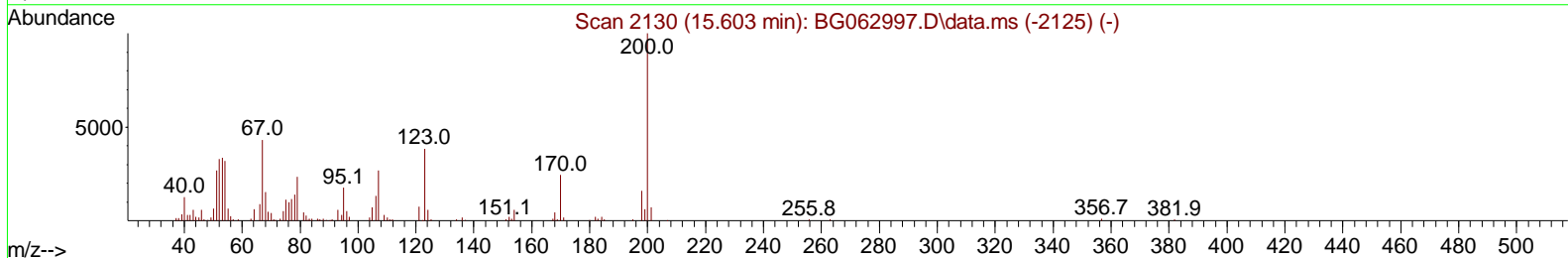
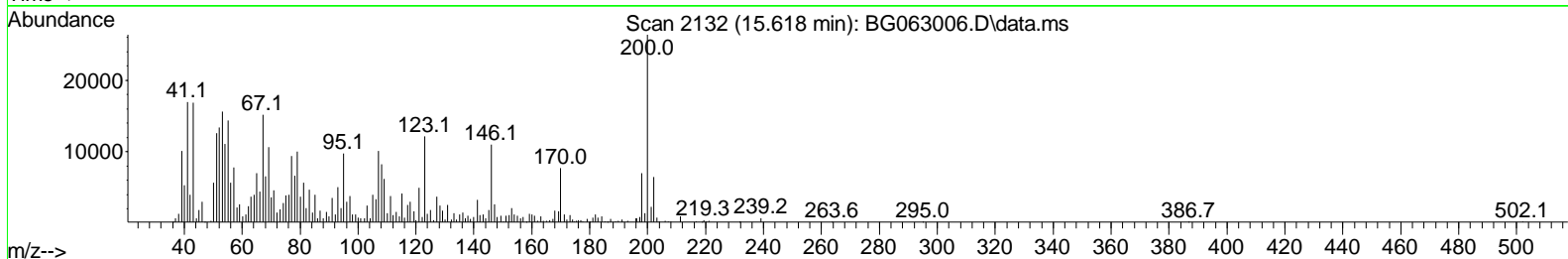
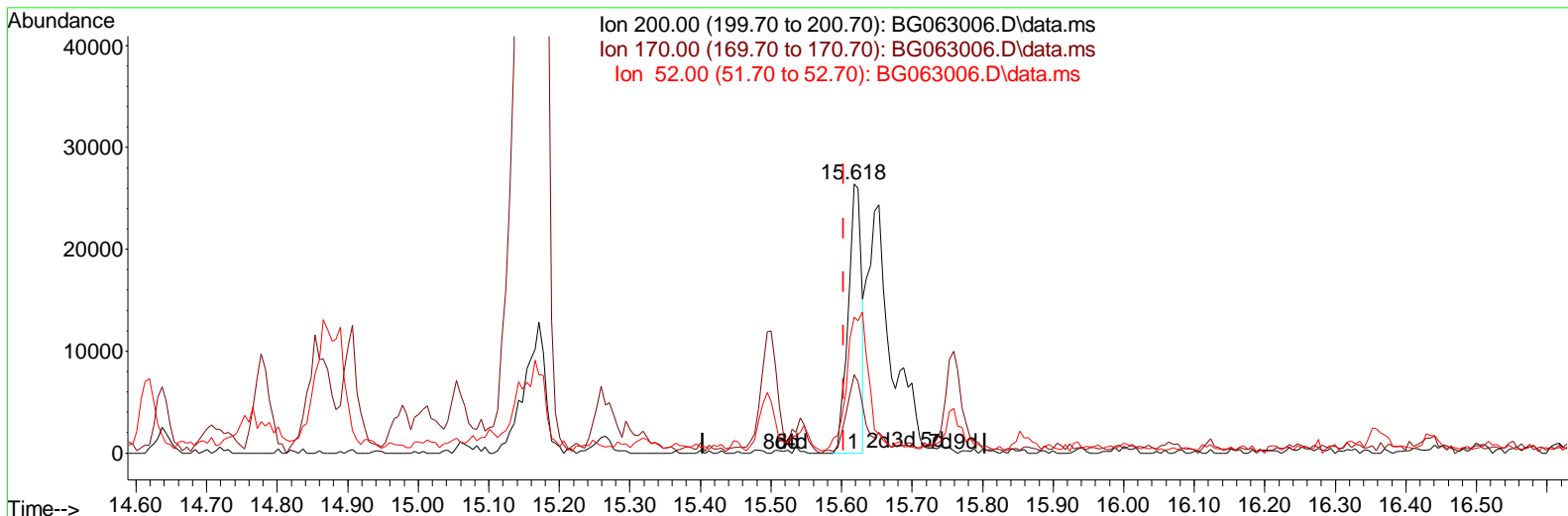
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

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

15.618min (+ 0.014) 26.70 ng/ul

response 35022

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	29.21#
52.00	36.60	50.64#
0.00	0.00	0.00

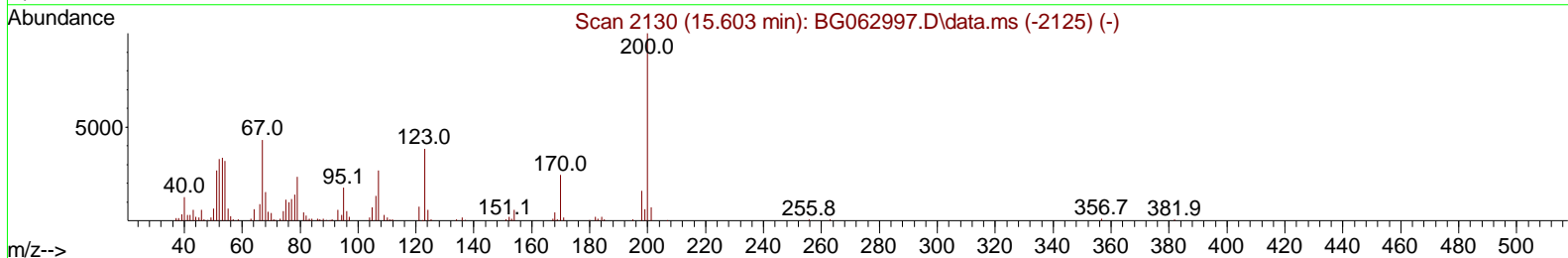
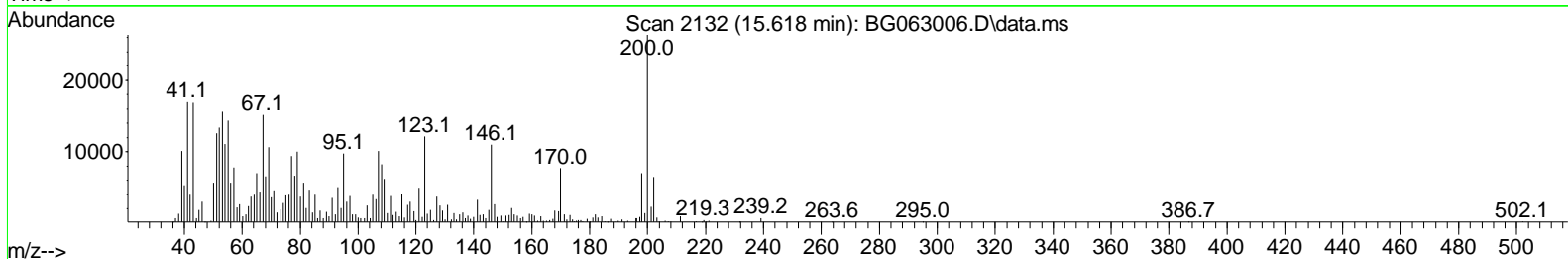
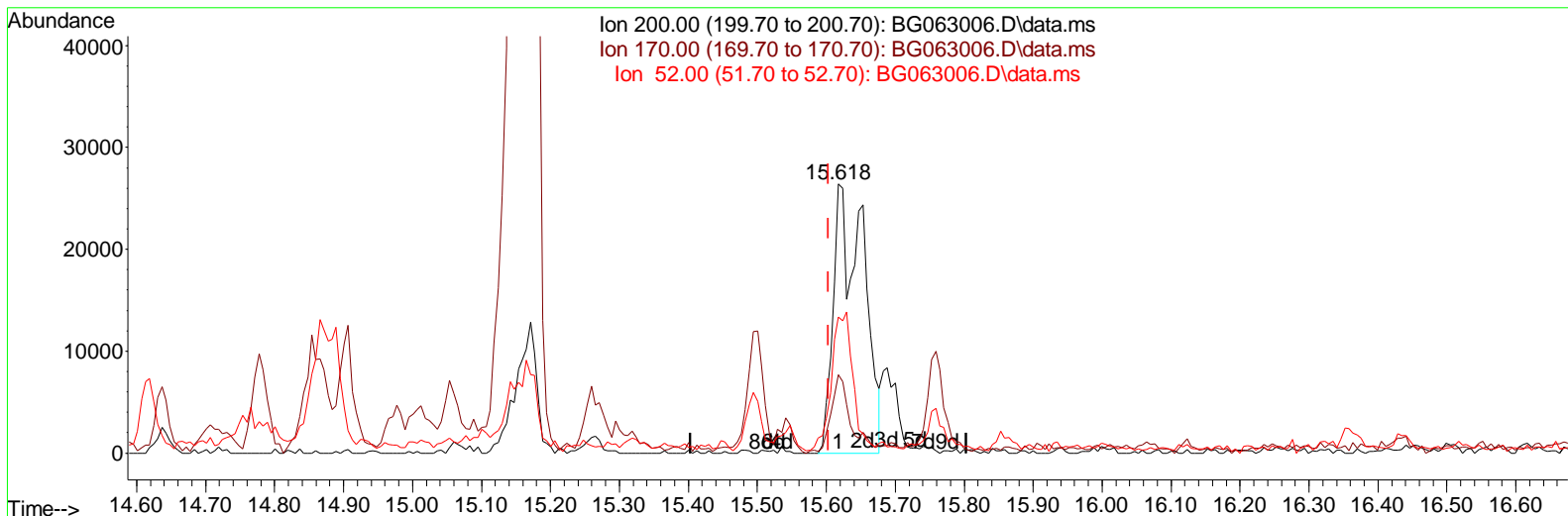
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC59MS

Manual Integrations APPROVED

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

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

15.618min (+ 0.014) 60.29 ng/ul m

response 79073

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	29.21#
52.00	36.60	50.64#
0.00	0.00	0.00



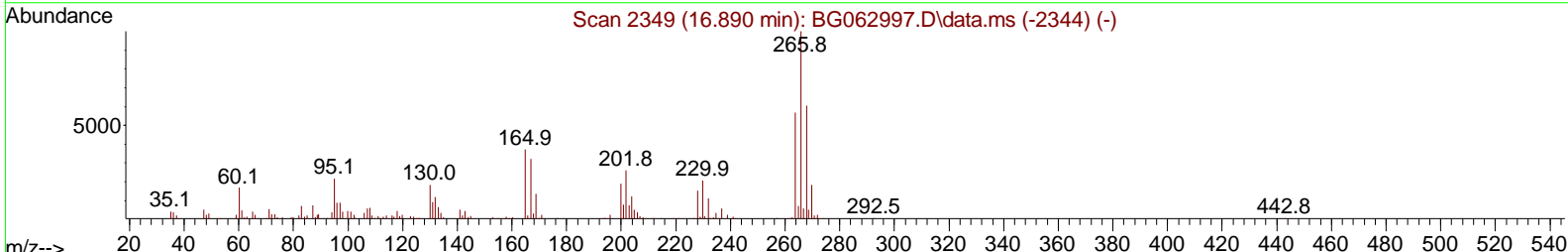
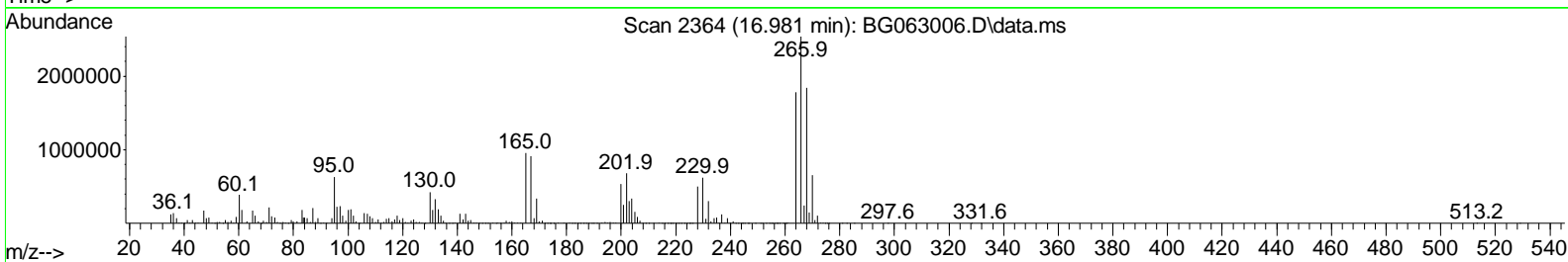
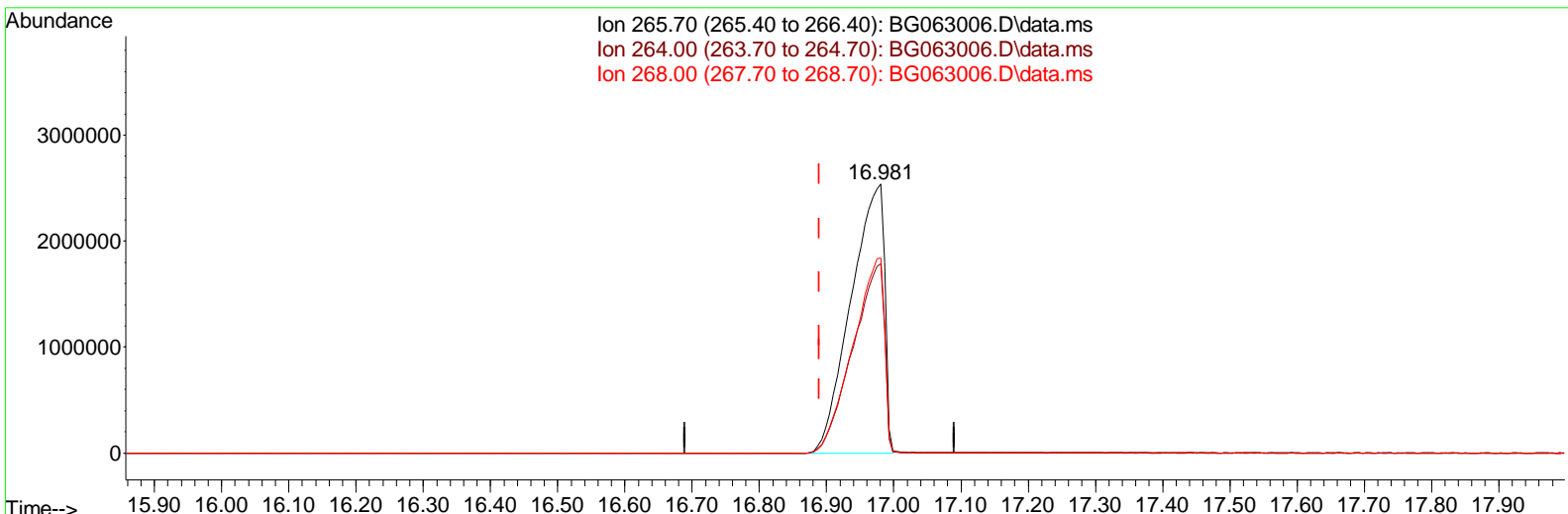
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual Integrations APPROVED**

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(71) Pentachlorophenol (C)

16.981min (+ 0.091) 5523.84 ng/ul

response 8772290

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	70.32#
268.00	59.00	72.42#
0.00	0.00	0.00

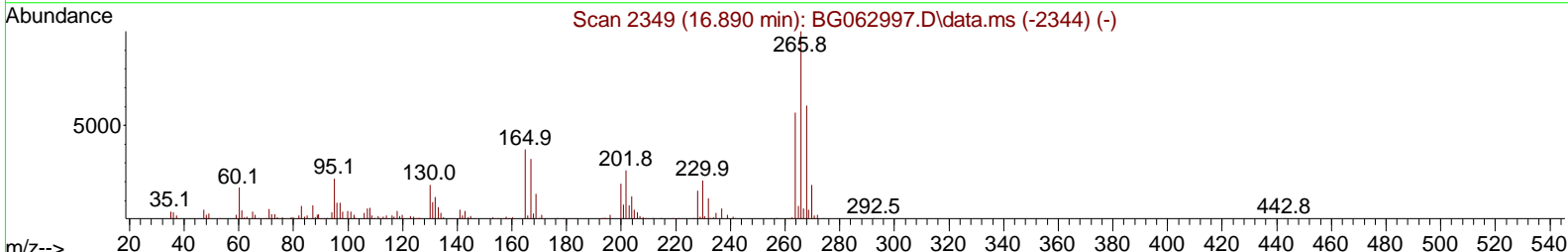
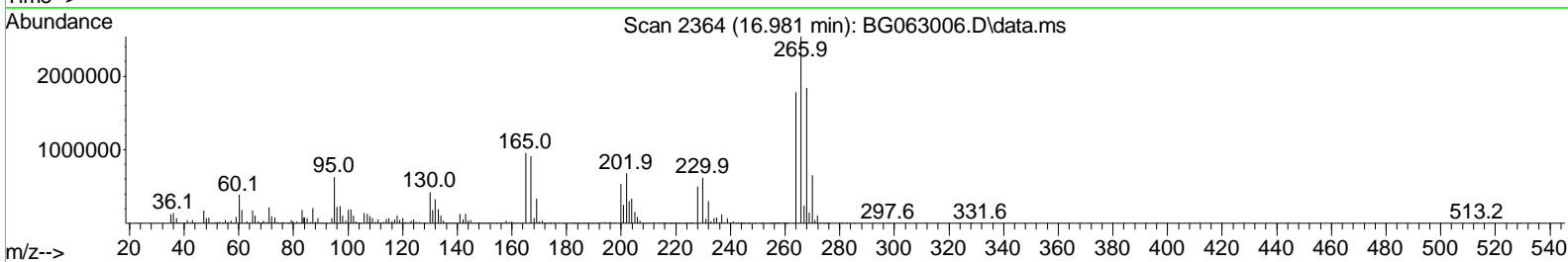
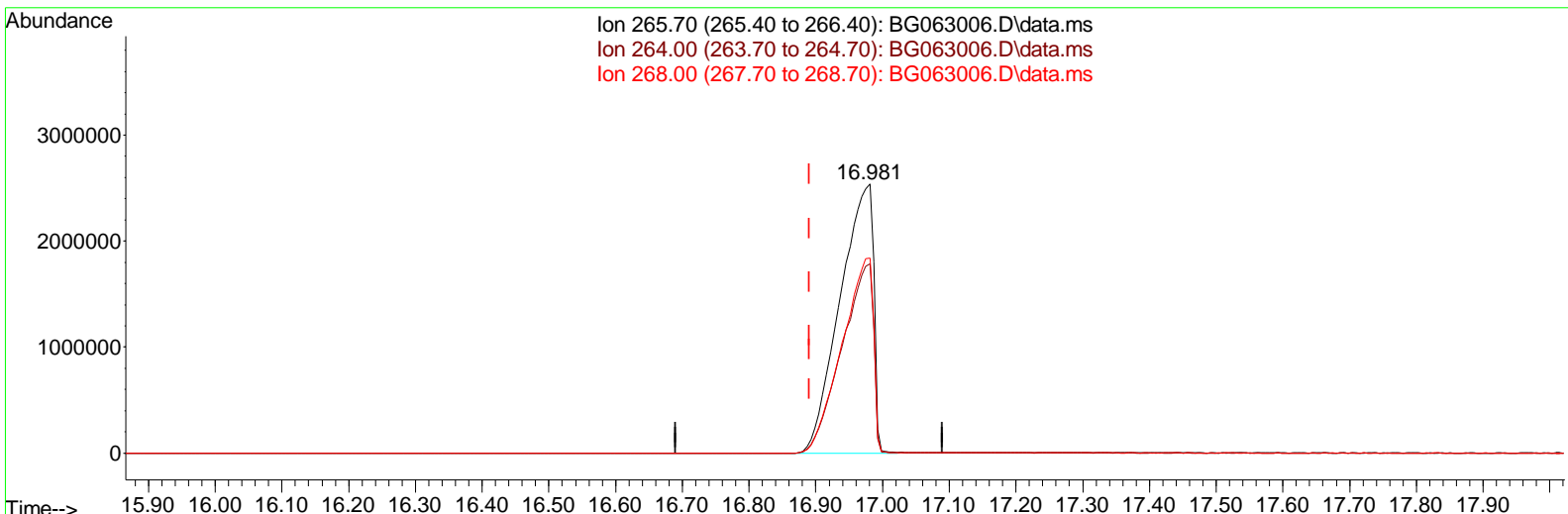
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual Integrations APPROVED**

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

(71) Pentachlorophenol (C)

16.981min (+ 0.091) 5531.60 ng/ul m

response 8784620

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	70.32#
268.00	59.00	72.42#
0.00	0.00	0.00

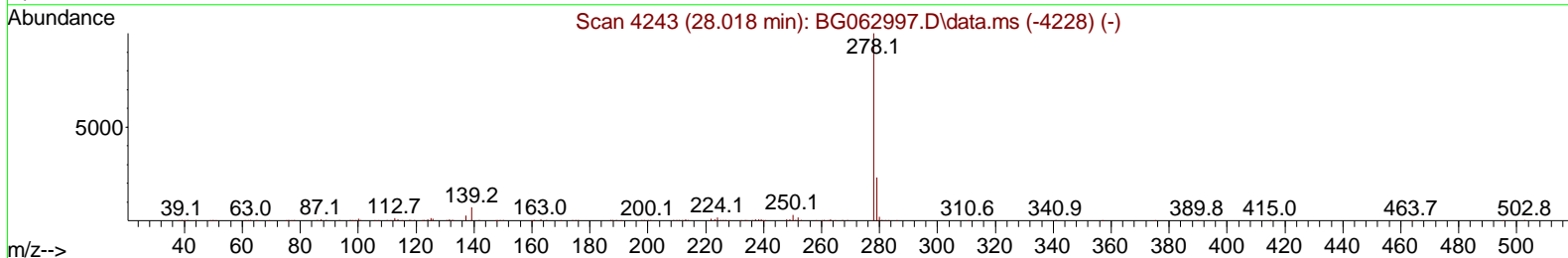
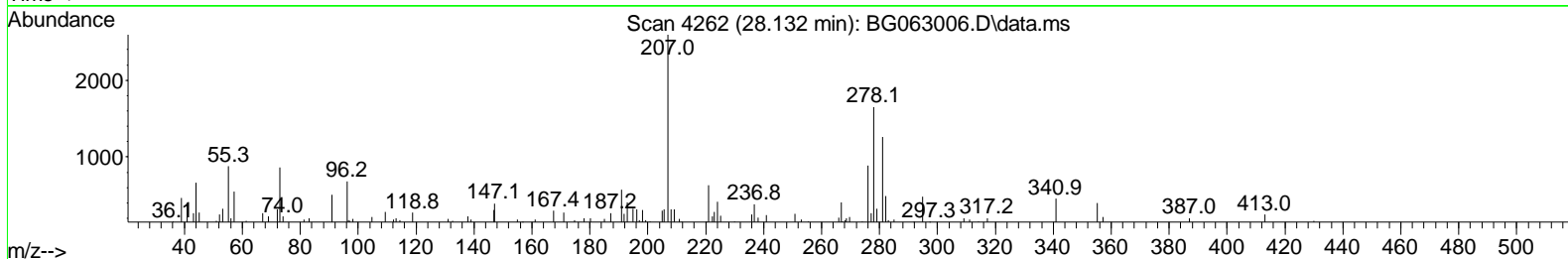
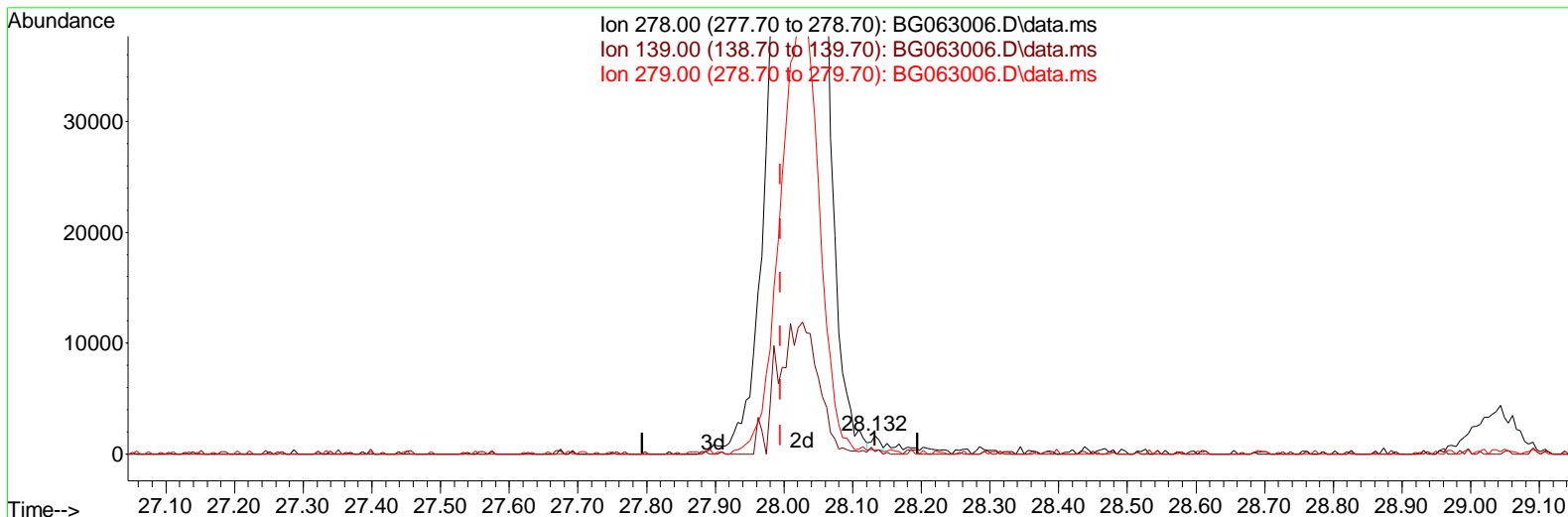
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual Integrations APPROVED**

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

**(95) Dibenzo(a,h)anthracene**

28.132min (+ 0.138) 0.08 ng/ul

response	1128	
Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	11.23
279.00	23.90	19.79
0.00	0.00	0.00

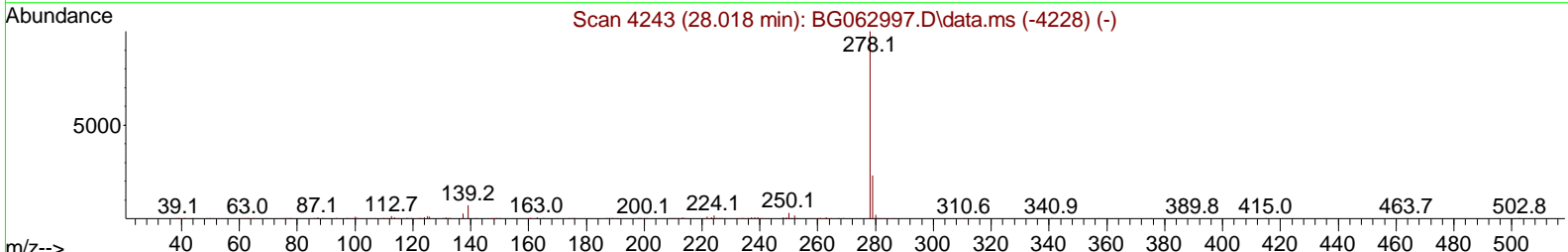
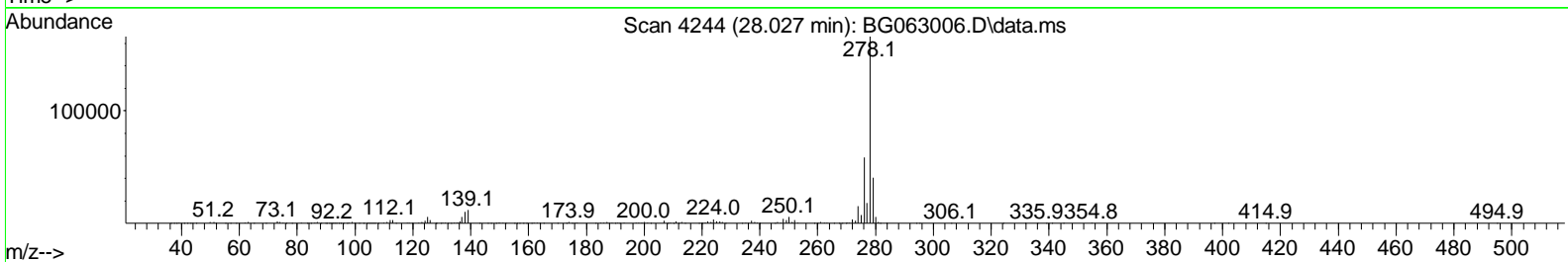
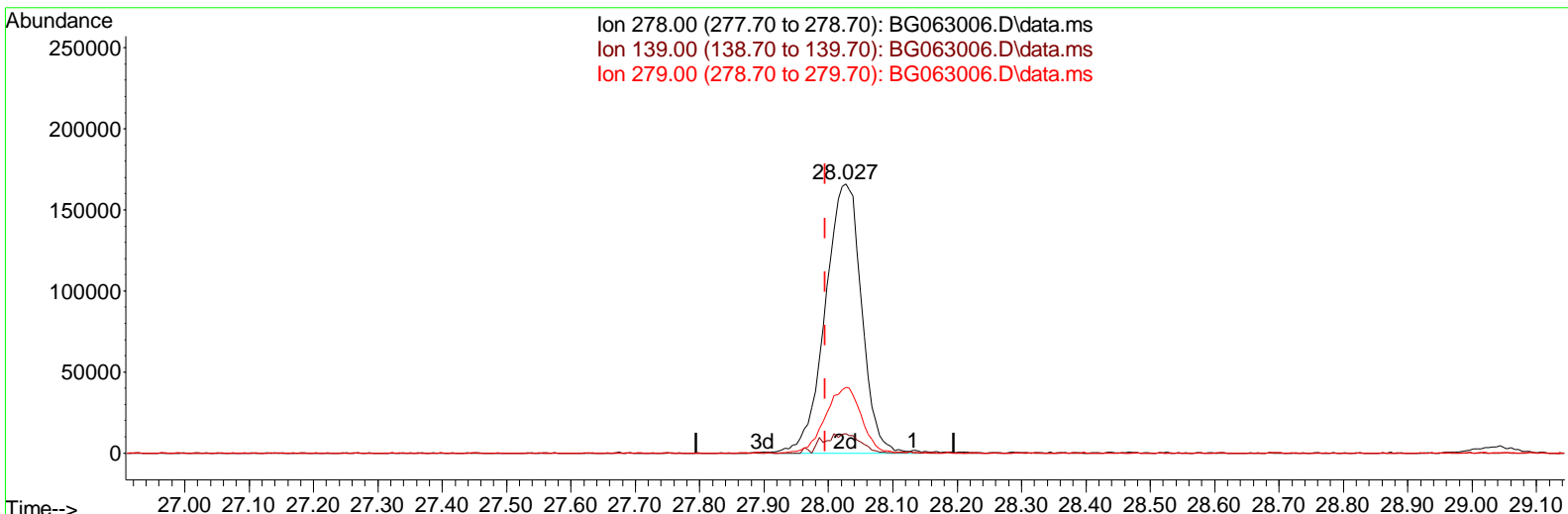
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual Integrations APPROVED**

Quant Time: Sep 24 01:26:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063006.D\data.ms

**(95) Dibenzo(a,h)anthracene**

28.027min (+ 0.032) 44.40 ng/ul m

response 656019

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	7.16#
279.00	23.90	24.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:33:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Dichlorobenzene-d4	7.856	152	28726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.653	136	112372	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.501	164	96296	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.263	188	216964	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.493	240	236213	20.000	ng/ul	# 0.00
88) Perylene-d12	24.531	264	263562	20.000	ng/ul	0.01
<b>System Monitoring Compounds</b>						
3) 1,4-Dioxane-d8	3.332	96	4335	4.420	ng/uL	0.00
4) Pyridine-d5	0.000	84	Od	0.000	ng/ul	
7) Phenol-d5	7.133	99	57348m	19.239	ng/ul	0.10
9) Bis-(2-Chloroethyl)eth...	7.192	67	51711	31.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.433	132	68687	35.098	ng/ul	0.04
15) 4-Methylphenol-d8	8.626	113	75533m	34.591	ng/ul	0.06
21) Nitrobenzene-d5	9.020	128	37164	41.513	ng/ul	0.01
24) 2-Nitrophenol-d4	9.742	143	39173	38.570	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.312	165	92676	43.981	ng/ul	0.04
31) 4-Chloroaniline-d4	10.770	131	10716	4.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.920	166	259277	36.207	ng/ul	0.03
49) Acenaphthylene-d8	14.196	160	267112	33.398	ng/ul	0.01
54) 4-Nitrophenol-d4	14.754	143	21494m	18.731	ng/ul	0.06
60) Fluorene-d10	15.494	176	162232	24.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.618	200	79073m	60.290	ng/ul	0.01
73) Anthracene-d10	17.357	188	375252	36.596	ng/ul	0.02
81) Pyrene-d10	19.636	212	494230	34.545	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.325	264	536658	38.609	ng/ul	0.01
<b>Target Compounds</b>						
2) 1,4-Dioxane	3.356	88	6044	6.227	ng/uL#	64
6) Benzaldehyde	7.004	77	52867	32.406	ng/ul #	1
8) Phenol	7.163	94	63576m	20.446	ng/ul	
10) Bis(2-Chloroethyl)ether	7.292	93	63611	30.257	ng/ul	99
12) 2-Chlorophenol	7.463	128	79337	39.495	ng/ul #	89
13) 2-Methylphenol	8.356	108	77386	35.980	ng/ul	99
14) 2,2'-oxybis(1-chloropr...	8.397	45	79624	30.525	ng/ul	95
16) Acetophenone	8.691	105	219843	64.006	ng/ul #	77
17) N-Nitrosodipropylamine	8.673	70	67252	33.531	ng/ul #	64
18) 4-Methylphenol	8.685	108	79830	33.914	ng/ul	93
19) Hexachloroethane	8.943	117	50130m	58.742	ng/ul	
22) Nitrobenzene	9.067	77	121004	45.528	ng/ul #	96
23) Isophorone	9.601	82	913746	172.637	ng/ul #	96
25) 2-Nitrophenol	9.777	139	43461	38.969	ng/ul #	55
26) 2,4-Dimethylphenol	9.871	107	107466	43.008	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.071	93	109346	38.861	ng/ul #	87
29) 2,4-Dichlorophenol	10.336	162	134797	64.620	ng/ul	97
30) Naphthalene	10.706	128	472142	75.671	ng/ul #	96
33) Hexachlorobutadiene	10.994	225	74619	44.755	ng/ul	92
35) 4-Chloro-3-methylphenol	12.004	107	132997	55.474	ng/ul	88
36) 2-Methylnaphthalene	12.316	142	353559	78.634	ng/ul	99
37) 1-Methylnaphthalene	12.539	142	297636	65.409	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	132663	38.873	ng/ul #	96

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multi plier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:33:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALI BRATI ON  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibrati on

Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
40) Hexachl orocycl opentadi ene	12.668	237	86038	47.521	ng/ul	98
41) 2,4,6-Tri chl orophenol	12.968	196	117265m	55.142	ng/ul	
42) 2,4,5-Tri chl orophenol	13.050	196	127041m	56.863	ng/ul	
43) 1,1'-Bi phenyl	13.332	154	269422	37.665	ng/ul #	95
44) 2-Chl oronaphthal ene	13.373	162	198476	34.524	ng/ul	97
45) 2-Ni troani line	13.602	65	53901	27.732	ng/ul	85
47) Di methyl phthal ate	13.967	163	279618	38.165	ng/ul	99
48) 2,6-Di ni trotol uene	14.084	165	53870	38.534	ng/ul #	77
50) Acenaphthyl ene	14.225	152	281418	33.421	ng/ul	94
52) Acenaphthene	14.560	153	223873	36.605	ng/ul	98
53) 2,4-Di ni trophenol	14.619	184	42449	50.838	ng/ul	88
56) Di benzofuran	14.901	168	329778	36.360	ng/ul	94
57) 2,4-Di ni trotol uene	14.866	165	72190	34.262	ng/ul #	63
58) 2,3,4,6-Tetrachl orophenol	15.171	232	3502145	1741.957	ng/ul	98
59) Di ethyl phthal ate	15.324	149	232867	28.566	ng/ul	98
61) Fl uorene	15.553	166	172515	24.859	ng/ul	93
62) 4-Chl orophenyl -phenyl e. . .	15.541	204	108172	28.248	ng/ul #	88
66) 4,6-Di ni tro-2-methyl ph. . .	15.647	198	167159	119.142	ng/ul #	69
67) N-Ni trosodi phenyl ami ne	15.759	169	111913	18.367	ng/ul	98
68) 4-Bromophenyl -phenyl ether	16.434	248	80098	33.207	ng/ul	94
69) Hexachl orobenzene	16.558	284	97774	35.108	ng/ul	95
70) Atrazi ne	16.763	200	67395	26.668	ng/ul	90
71) Pentachl orophenol	16.981	266	8784620m	5531.599	ng/ul	
72) Phenanthrene	17.304	178	459650	39.879	ng/ul	98
74) Anthracene	17.392	178	430421	36.164	ng/ul	97
75) 1,2,3,4-Tetrachl oroben. . .	13.297	216	131242	39.668	ng/ul	96
76) Pentachl orobenzene	14.819	250	149392	42.782	ng/ul	93
77) Carbazol e	17.656	167	239063	25.230	ng/ul	97
78) Di -n-butyl phthal ate	18.215	149	433628	35.582	ng/ul #	98
80) Fl uoranthene	19.307	202	566035	36.254	ng/ul #	90
82) Pyrene	19.666	202	576018	34.606	ng/ul #	89
83) Butyl benzyl phthal ate	20.559	149	193400	33.432	ng/ul	91
85) Benzo(a)anthracene	21.476	228	630647	37.687	ng/ul	98
86) Bi s(2-ethyl hexyl )phtha. . .	21.393	149	288794	34.553	ng/ul #	96
87) Chrysene	21.540	228	598785	38.244	ng/ul	99
89) Di -n-octyl phthal ate	22.539	149	488399	34.990	ng/ul	100
90) Benzo(b)fl uoranthene	23.579	252	517063	32.224	ng/ul #	95
91) Benzo(k)fl uoranthene	23.644	252	573715	35.888	ng/ul #	98
93) Benzo(a)pyrene	24.396	252	583030	38.652	ng/ul #	95
94) I ndeno(1,2,3-cd)pyrene	27.974	276	801726	43.376	ng/ul #	88
95) Di benzo(a,h)anthracene	28.027	278	656019m	44.399	ng/ul	
96) Benzo(g,h,i)peryl ene	29.037	276	604478	42.593	ng/ul #	94

(#) = qual i fi er out of range (m) = manual i ntegrati on (+) = si gnal s summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG063006.D  
 Acq On : 23 Sep 2024 23:46  
 Operator : RC/JU  
 Sample : P3879-06MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 DDC59MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 01:33:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

