

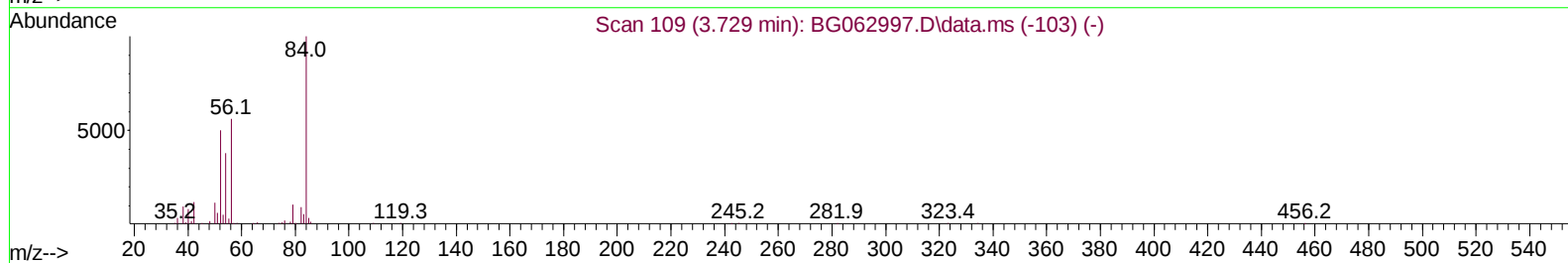
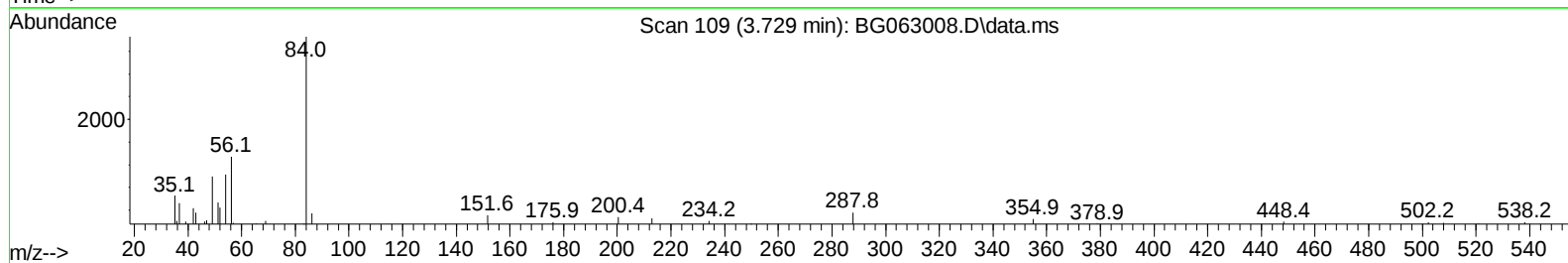
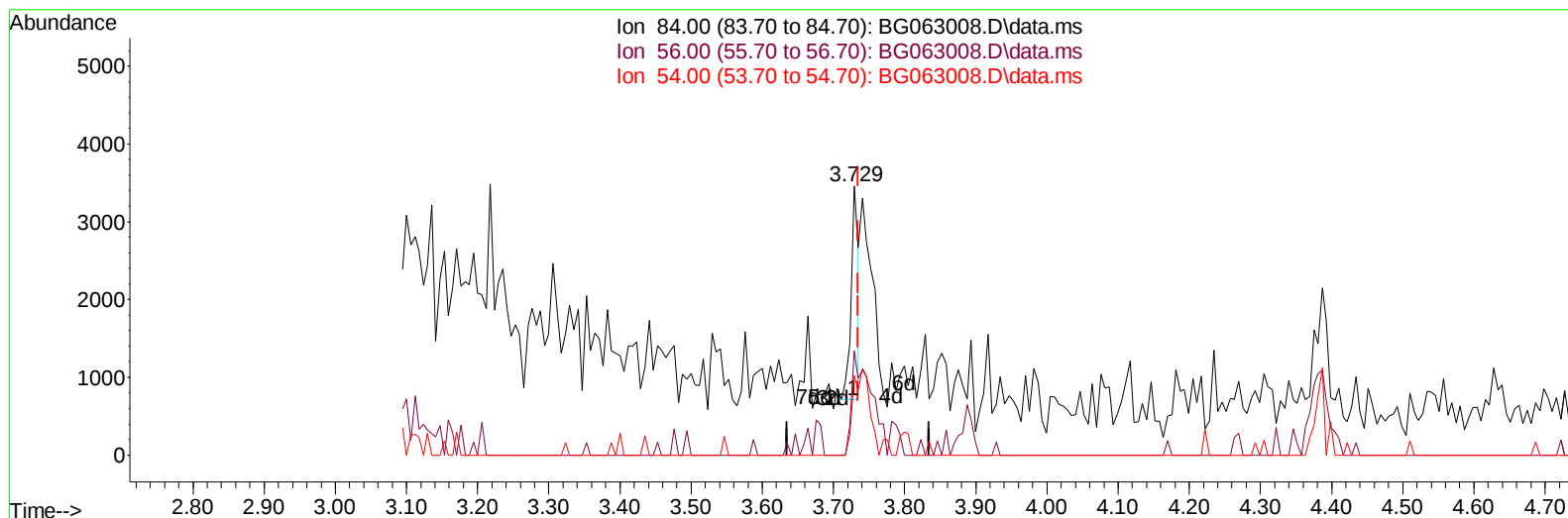
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:05:38 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: BG063008.D\data.ms

(4) Pyridine-d5 (S)

3.729min (-0.006) 0.97 ng/u1

response 2000

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	51.50	38.69#
54.00	28.50	29.70
0.00	0.00	0.00

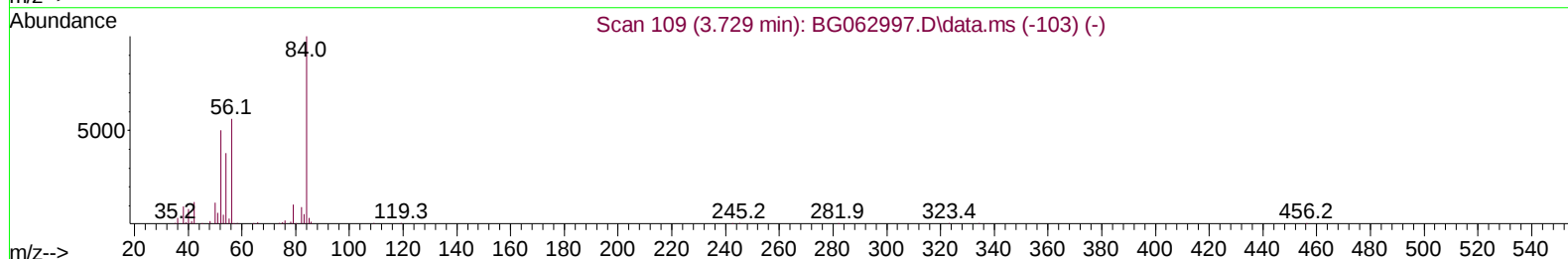
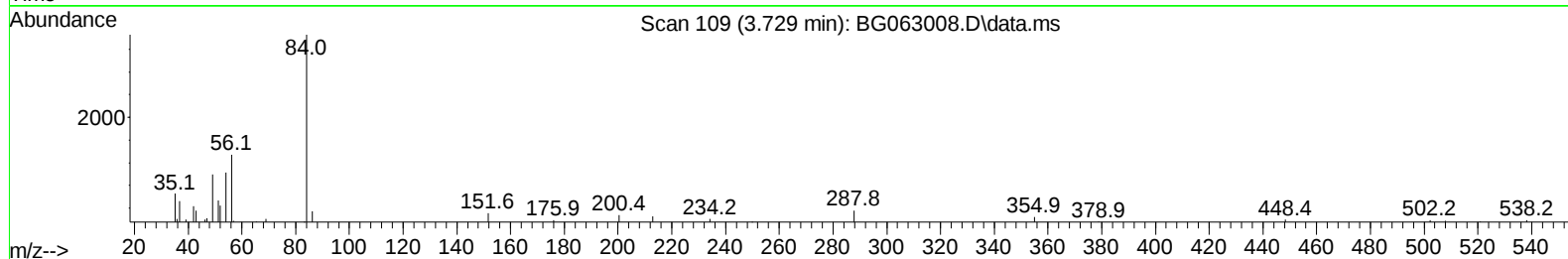
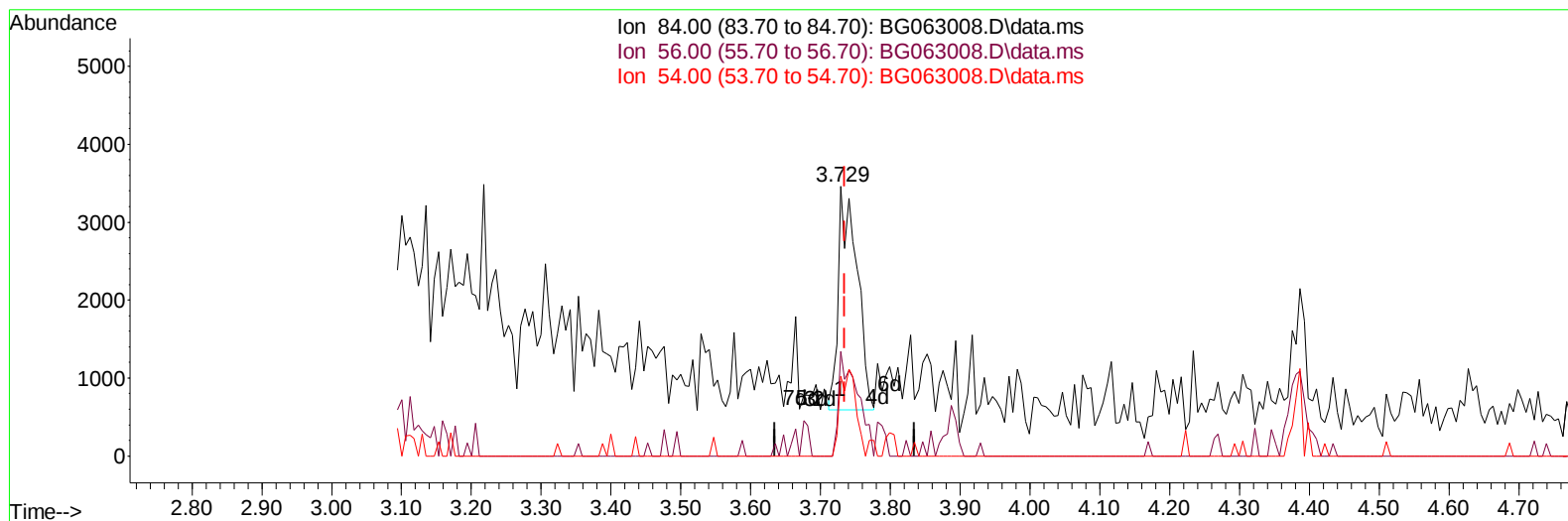
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:05:38 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: BG063008.D\data.ms

(4) Pyridine-d5 (S)

3.729min (-0.006) 2.60 ng/ul m

response 5340

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	51.50	38.69#
54.00	28.50	29.70
0.00	0.00	0.00

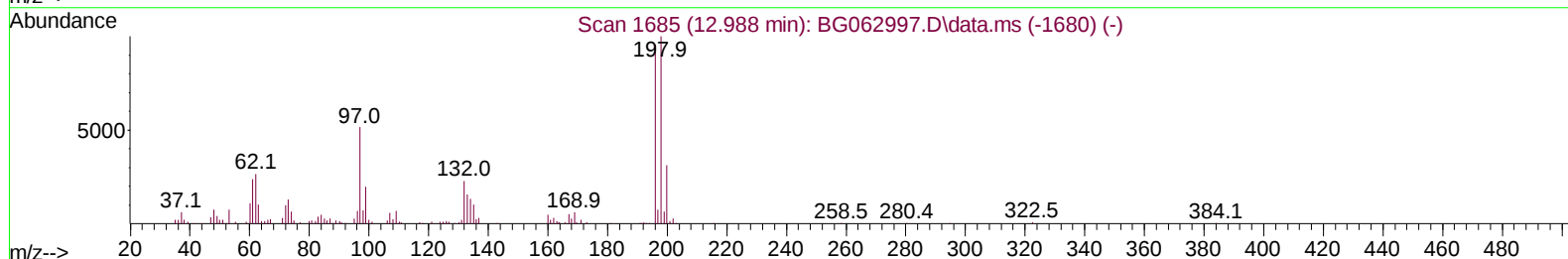
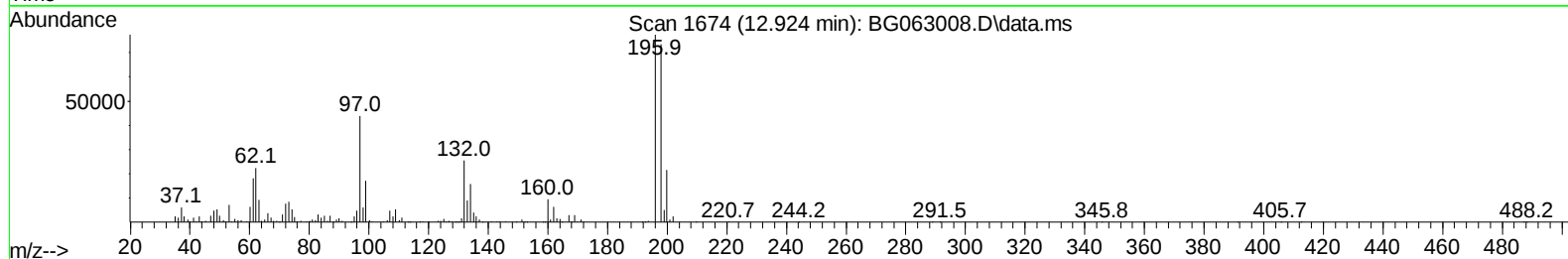
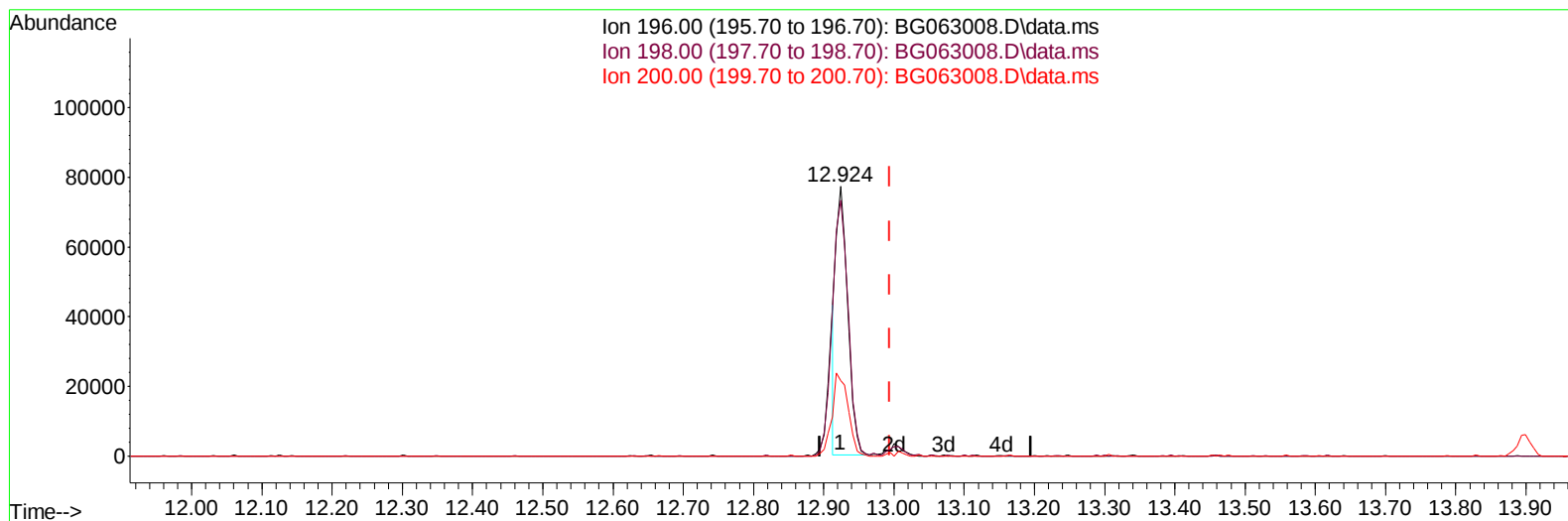
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:05:38 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: BG063008.D\data.ms

(42) 2,4,5-Trichlorophenol

12.924min (-0.071) 44.53 ng/u1

response 90619

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	94.81
200.00	31.90	28.01
0.00	0.00	0.00

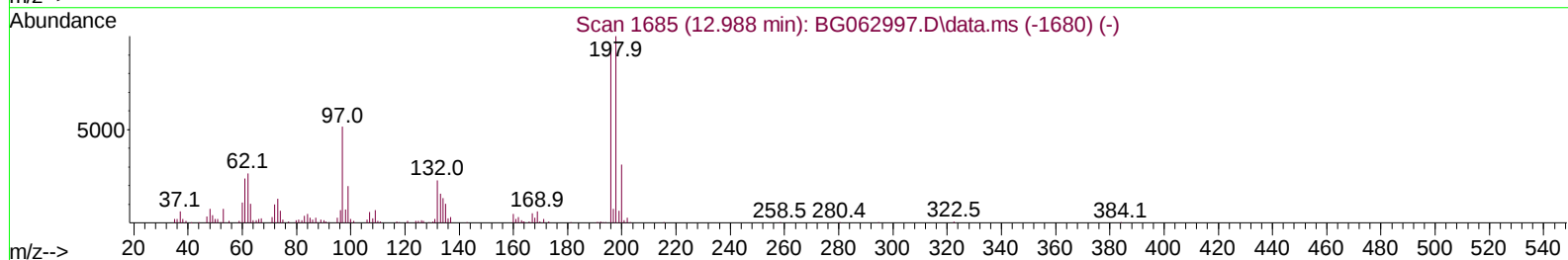
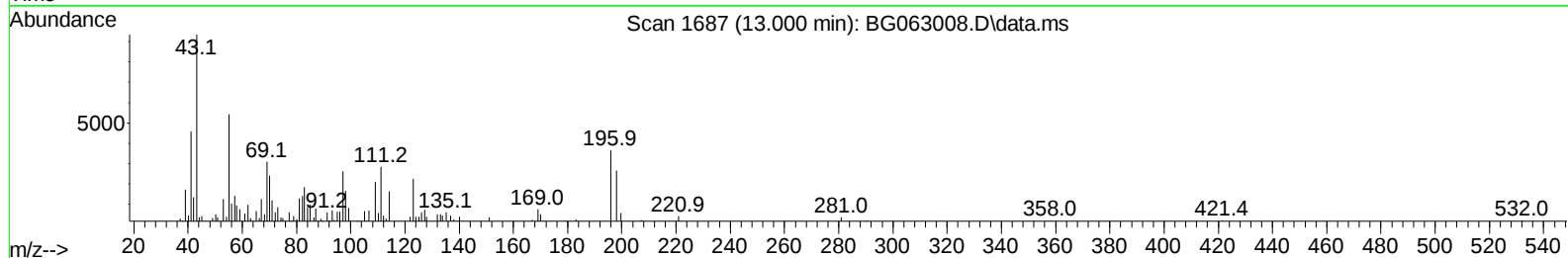
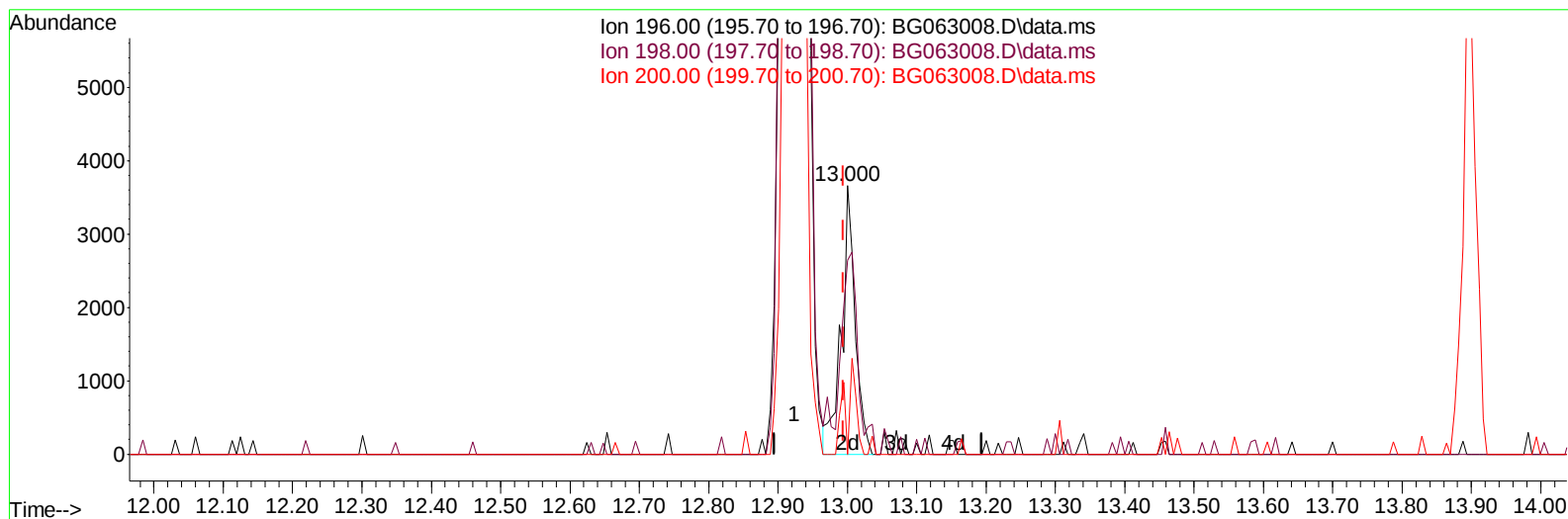
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063008.D
 Acq On : 24 Sep 2024 1:04
 Operator : RC/JU
 Sample : P3879-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:05:38 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: BG063008.D\data.ms

(42) 2,4,5-Trichlorophenol

13.000min (+ 0.006) 2.45 ng/ul m

response 4989

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	72.31#
200.00	31.90	0.00#
0.00	0.00	0.00

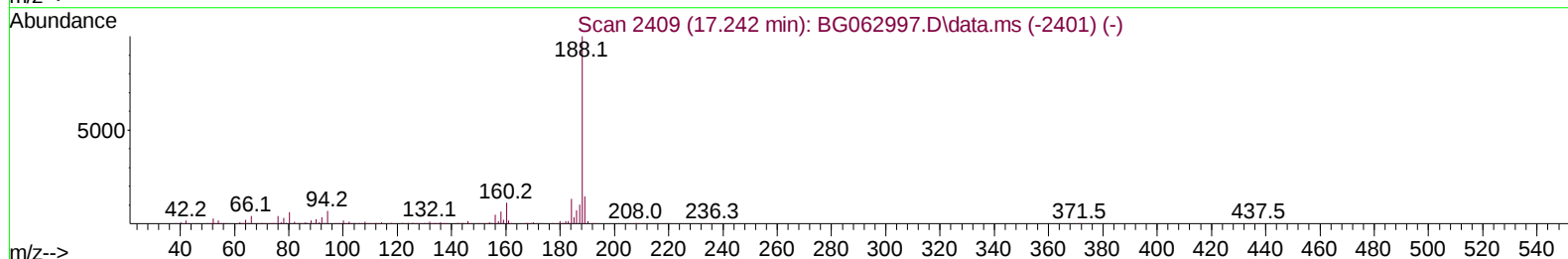
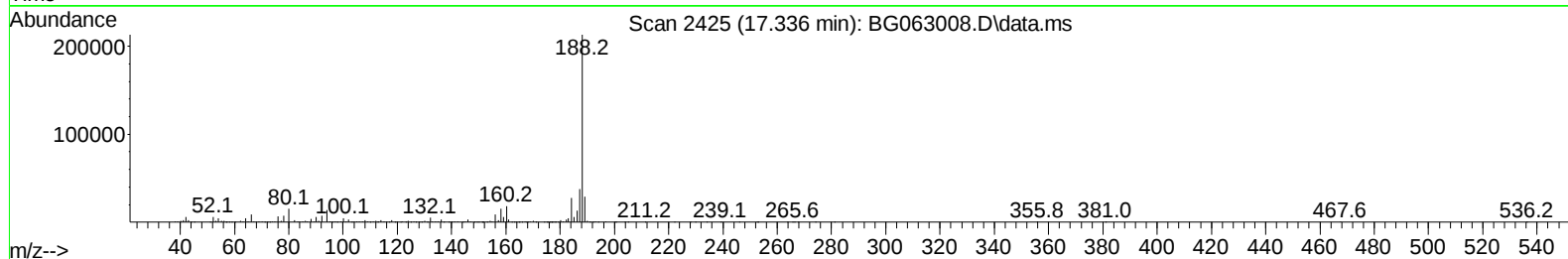
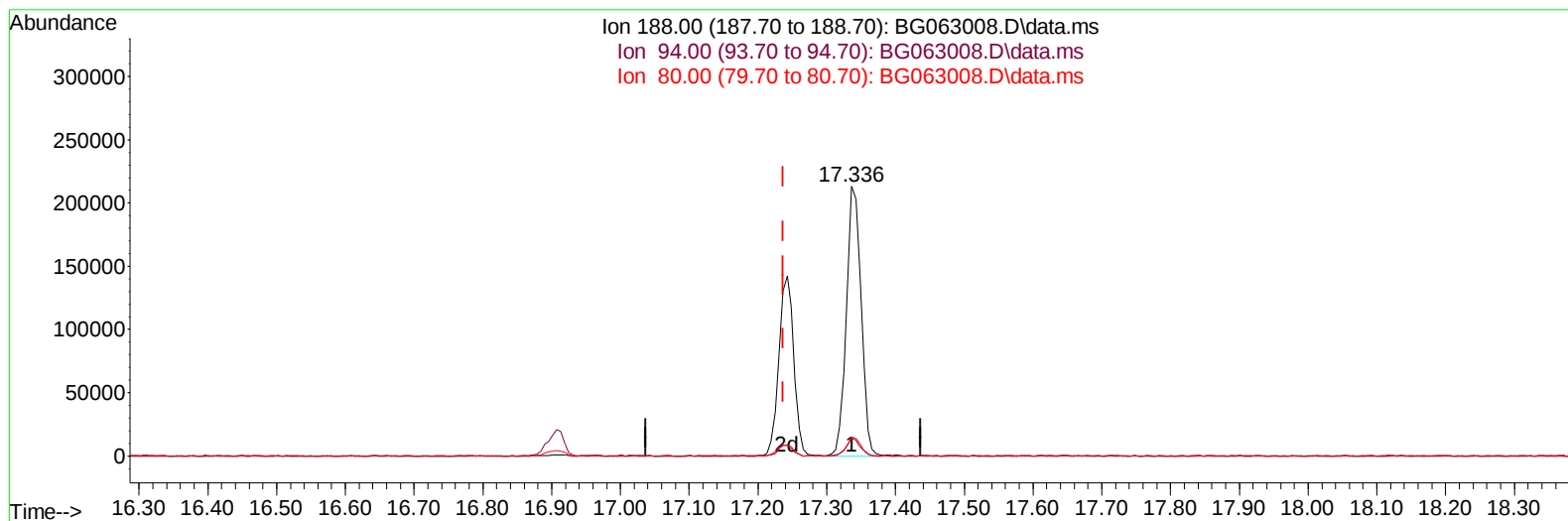
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:05:38 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: BG063008.D\data.ms

(64) Phenanthrene-d10 (I)

17.336min (+ 0.100) 20.00 ng/u1

response 316005

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	6.65
80.00	8.70	7.06
0.00	0.00	0.00

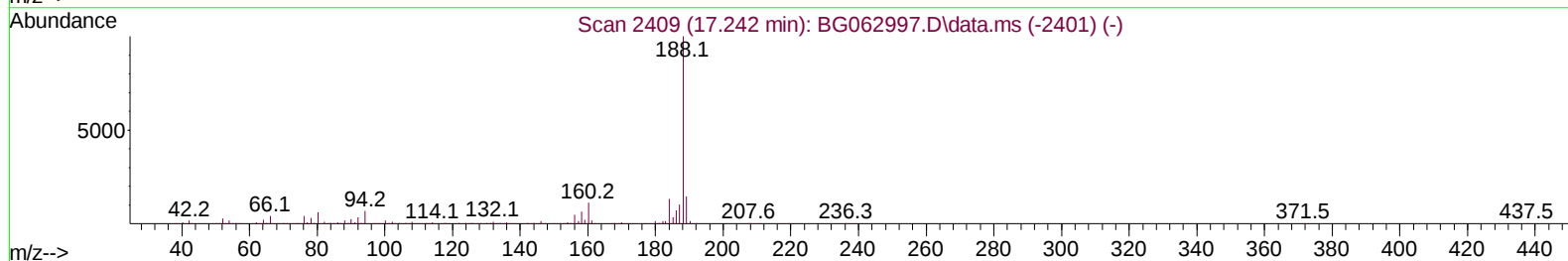
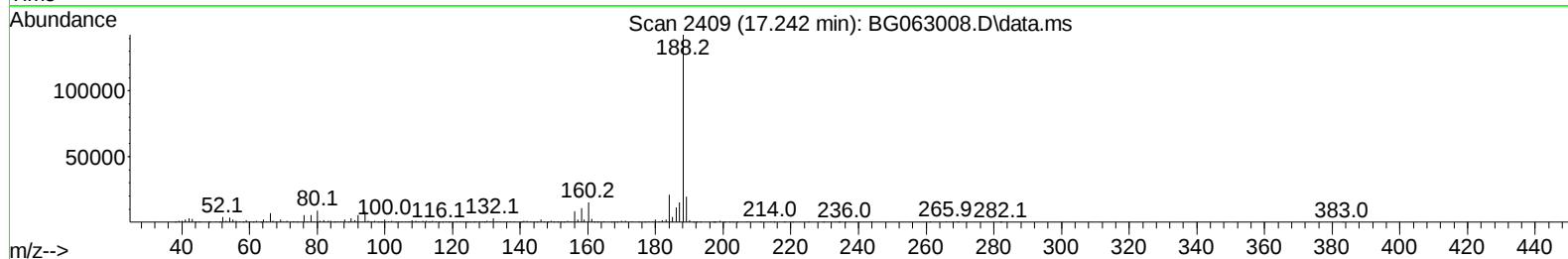
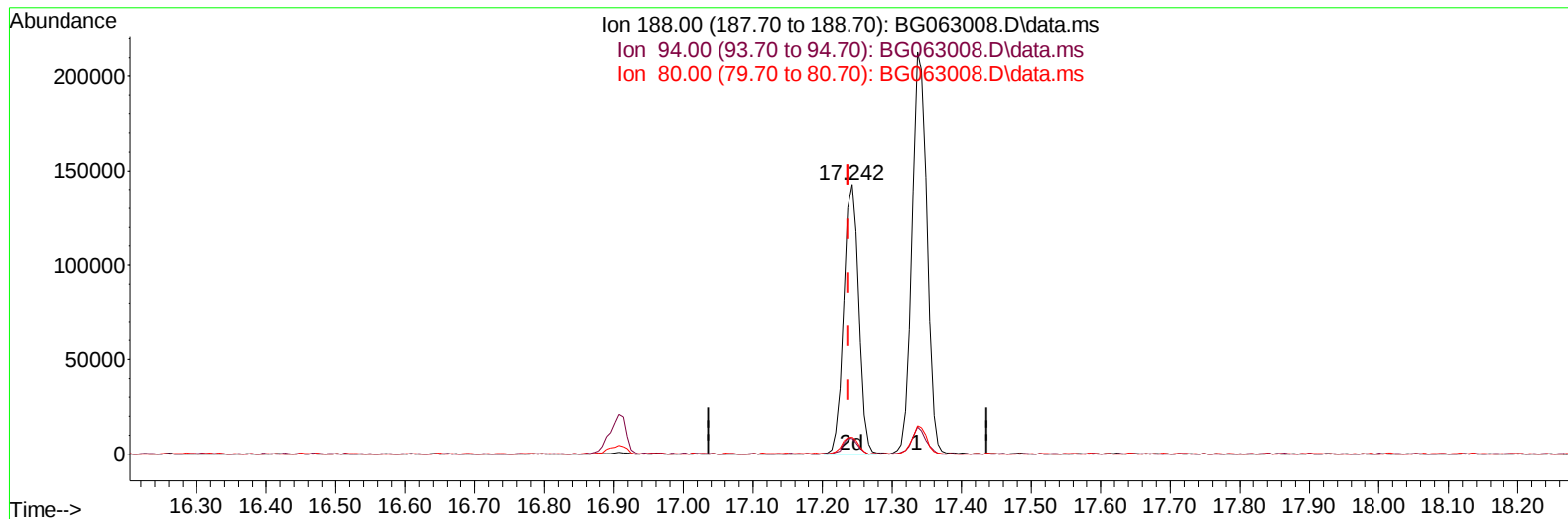
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:05:38 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: BG063008.D\data.ms

(64) Phenanthrene-d10 (I)

17.242min (+ 0.006) 20.00 ng/ul m

response 214142

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	5.81#
80.00	8.70	6.34#
0.00	0.00	0.00

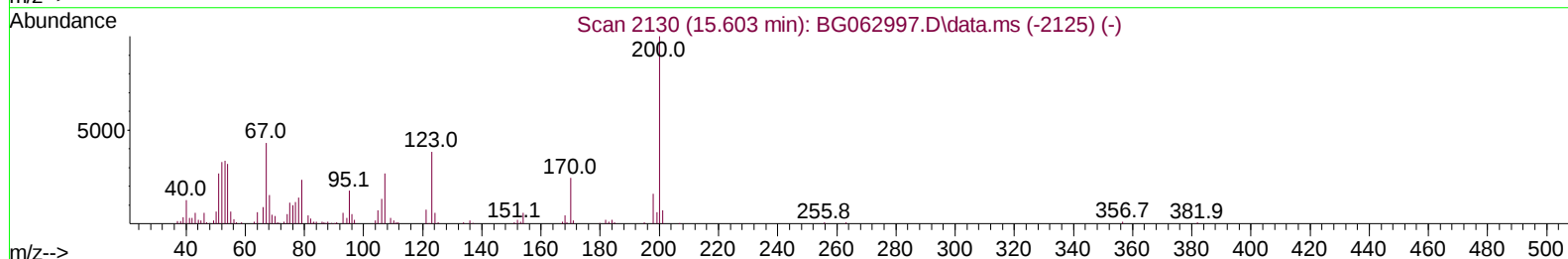
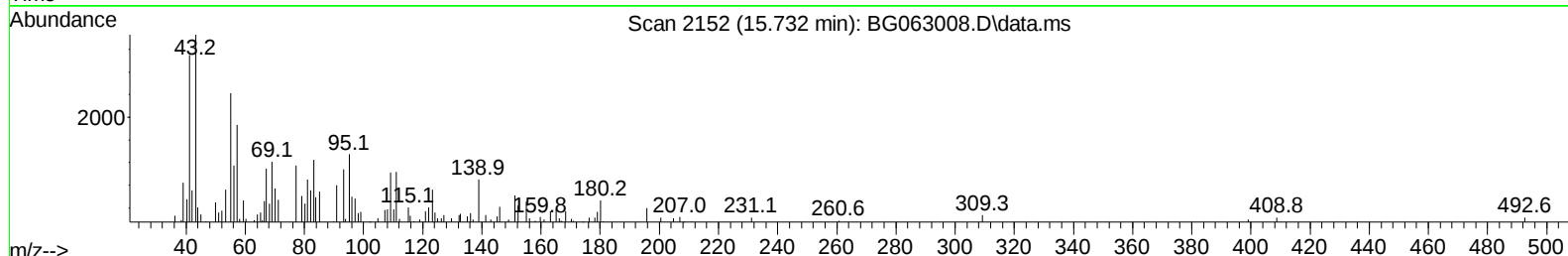
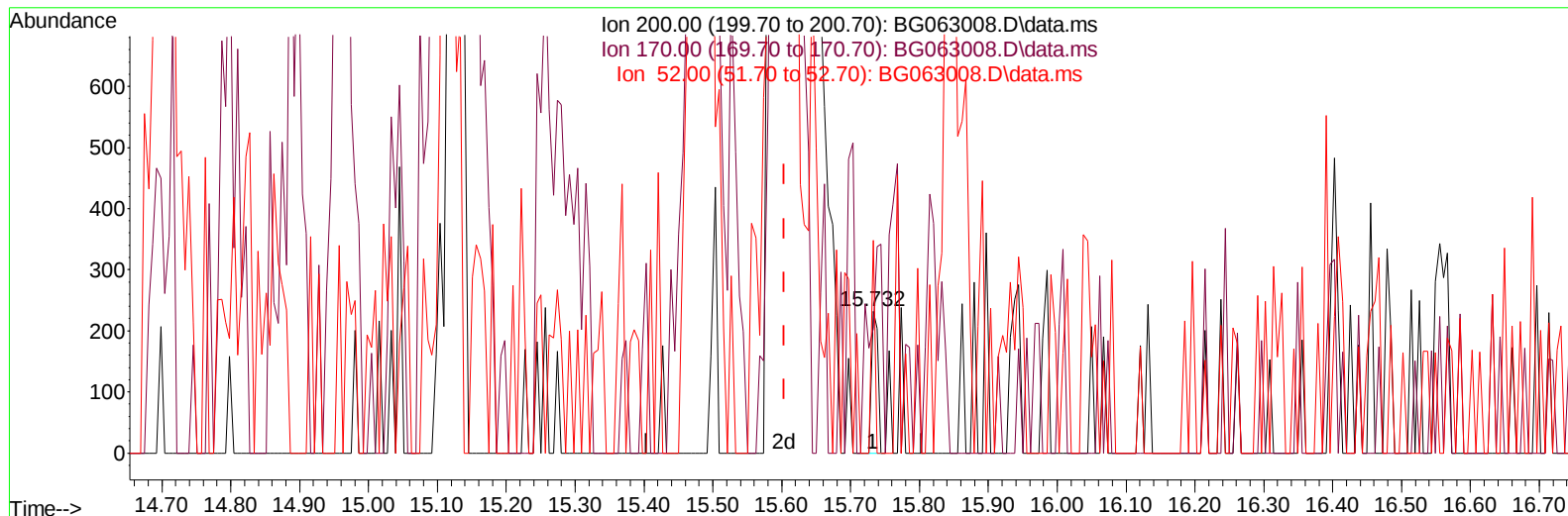
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:18:22 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: BG063008.D\data.ms

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

15.732min (+ 0.129) 0.12 ng/u1

response 154

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	87.93#
52.00	36.60	150.00#
0.00	0.00	0.00

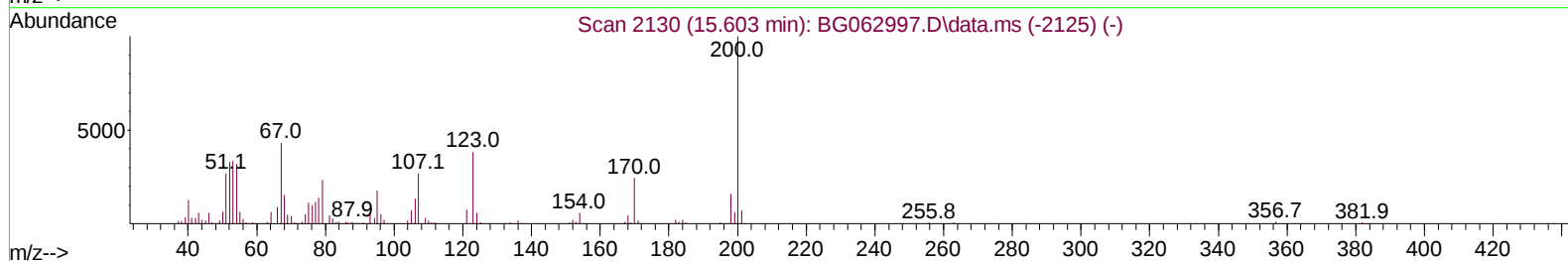
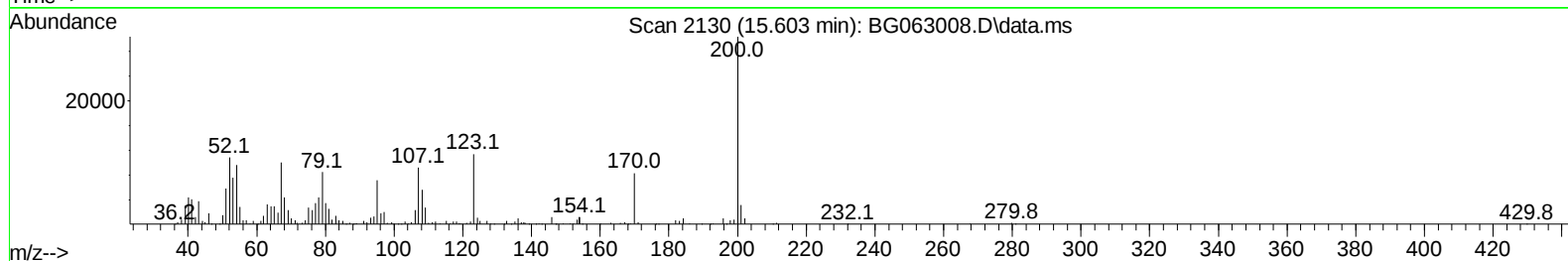
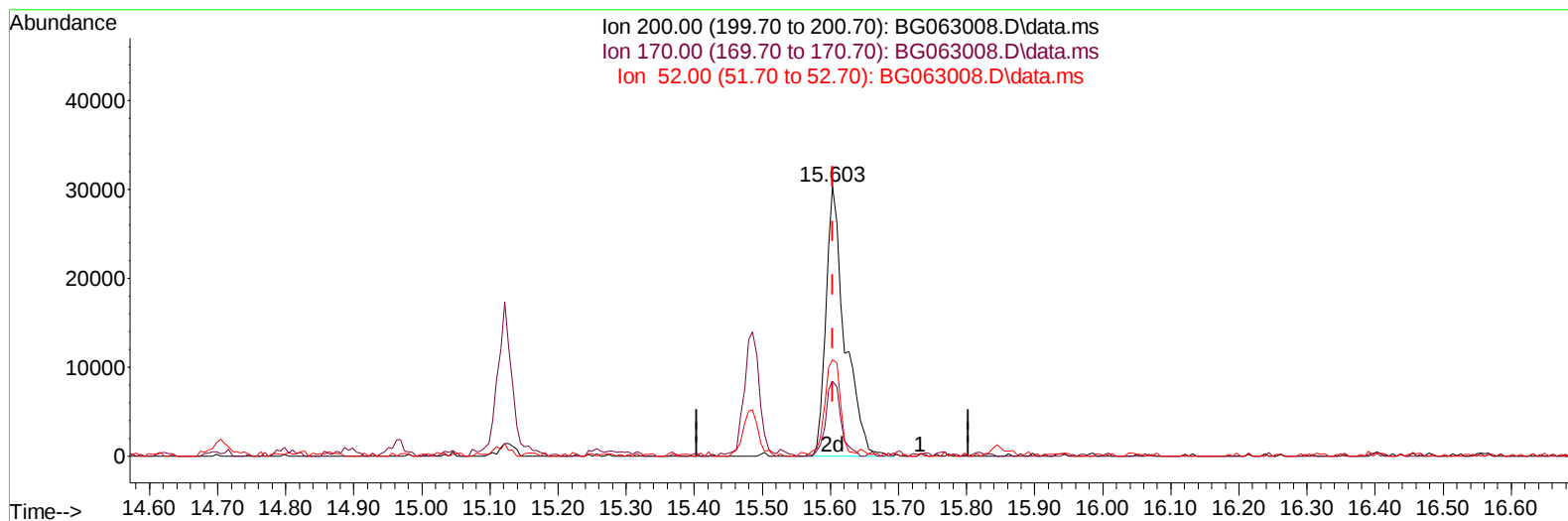
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063008.D
 Acq On : 24 Sep 2024 1:04
 Operator : RC/JU
 Sample : P3879-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:18:22 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: BG063008.D\data.ms

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

15.603min (-0.000) 45.08 ng/ul m

response 58351

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	27.63#
52.00	36.60	35.85
0.00	0.00	0.00

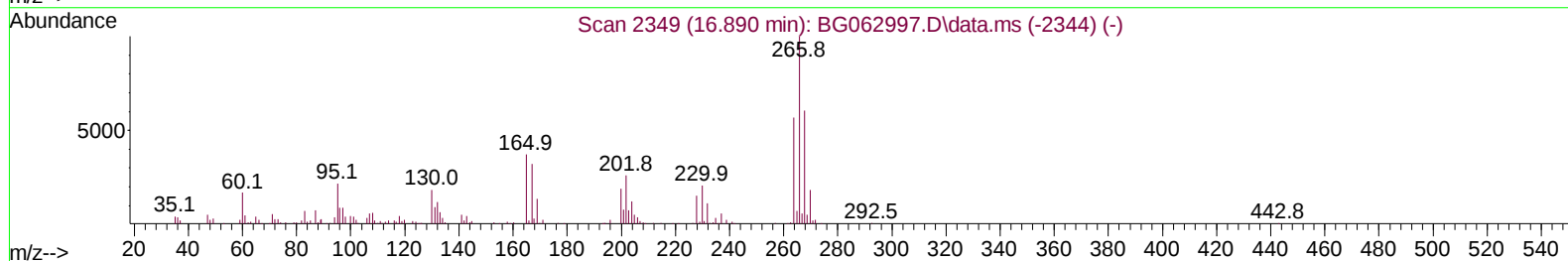
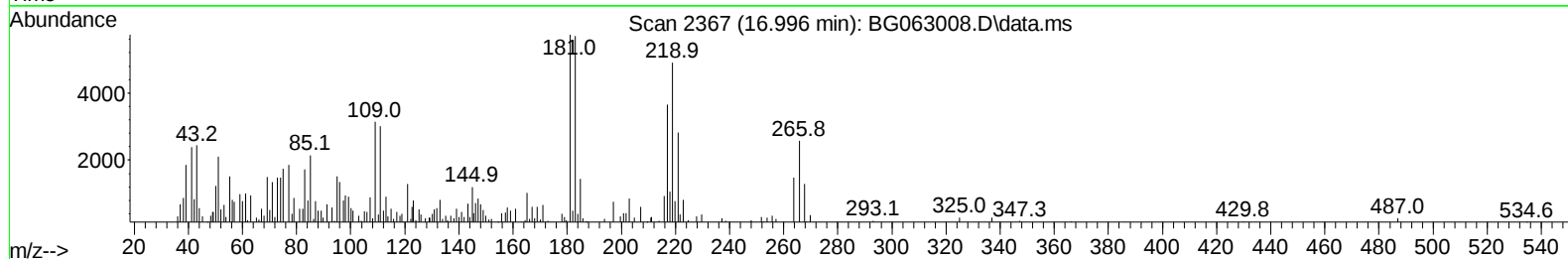
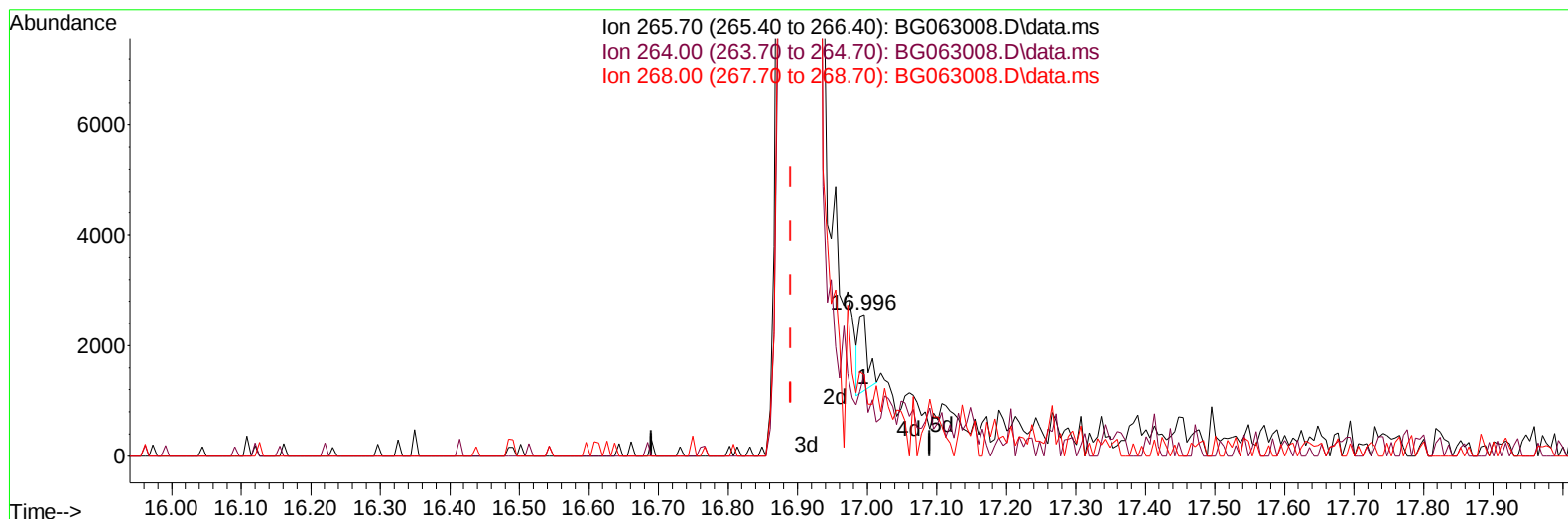
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:18:22 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: BG063008.D\data.ms

(71) Pentachlorophenol (C)

16.996min (+ 0.106) 0.82 ng/u1

response 1289

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	57.71
268.00	59.00	57.17
0.00	0.00	0.00

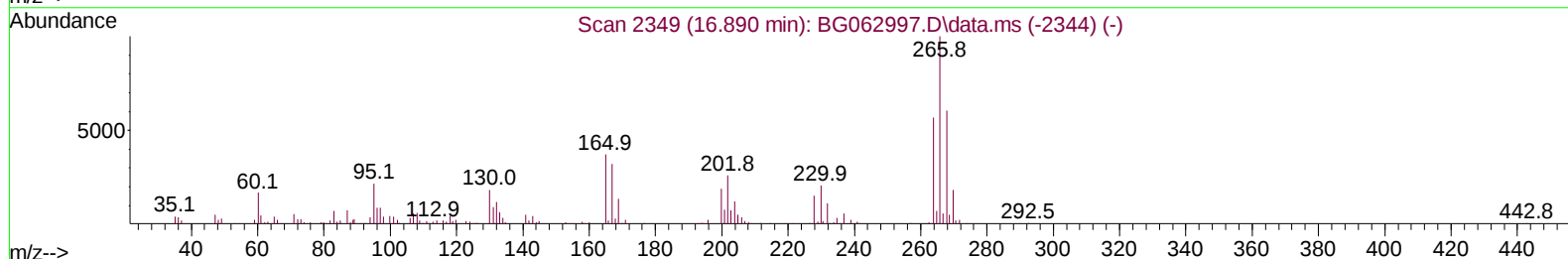
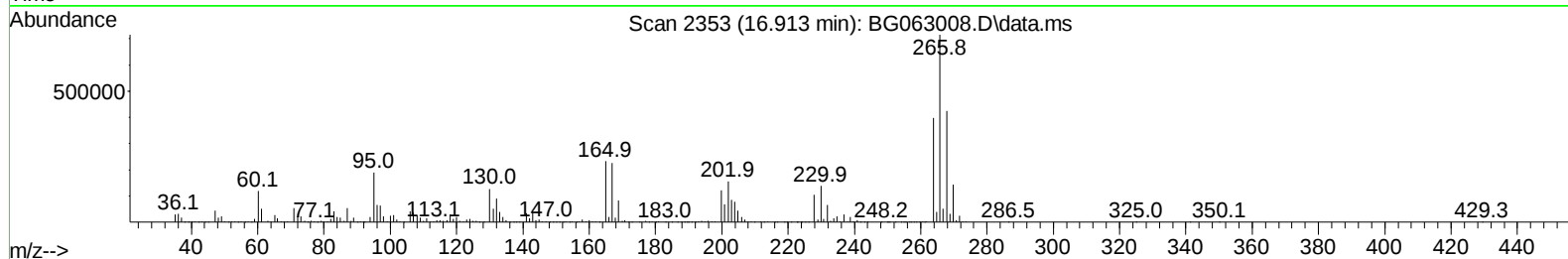
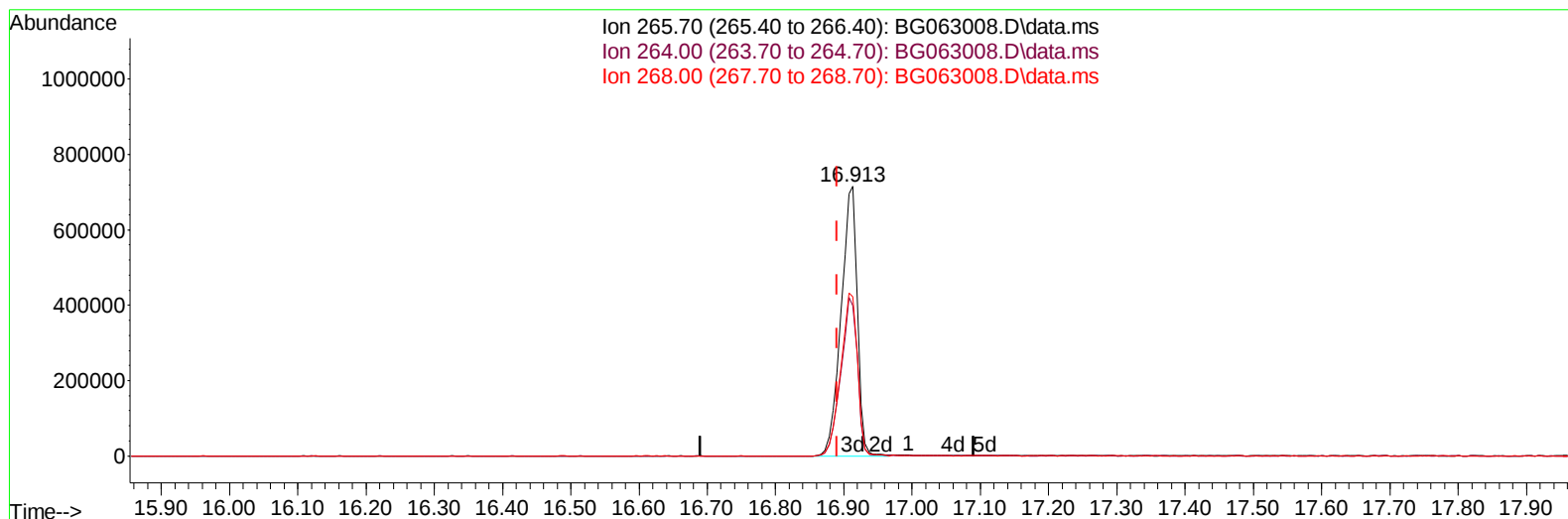
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063008.D
 Acq On : 24 Sep 2024 1:04
 Operator : RC/JU
 Sample : P3879-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:18:22 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: BG063008.D\data.ms

(71) Pentachlorophenol (C)

16.913min (+ 0.023) 752.96 ng/u1 m

response 1180205

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	55.72
268.00	59.00	59.19
0.00	0.00	0.00

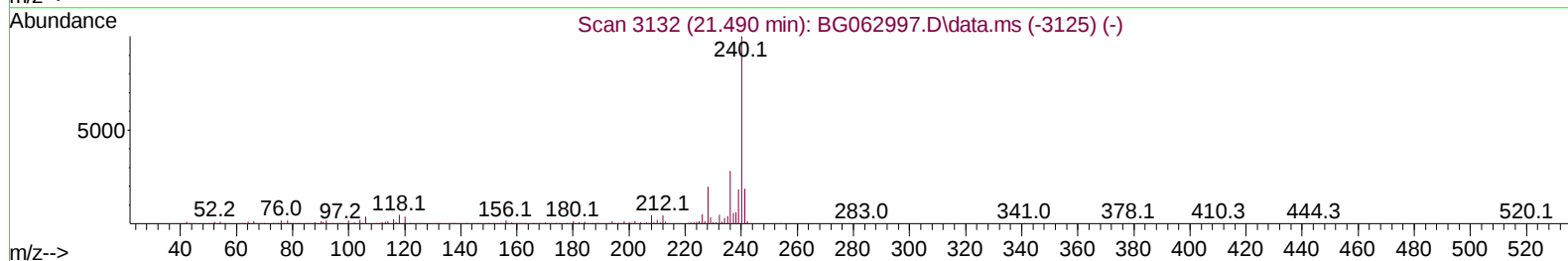
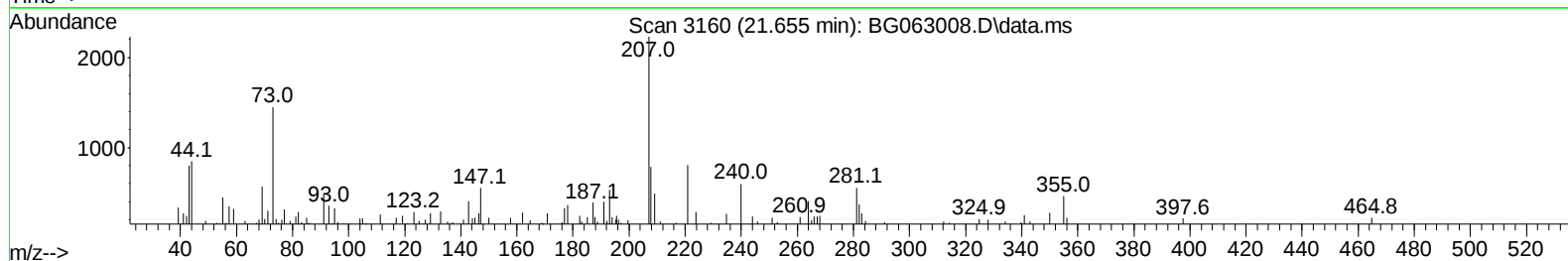
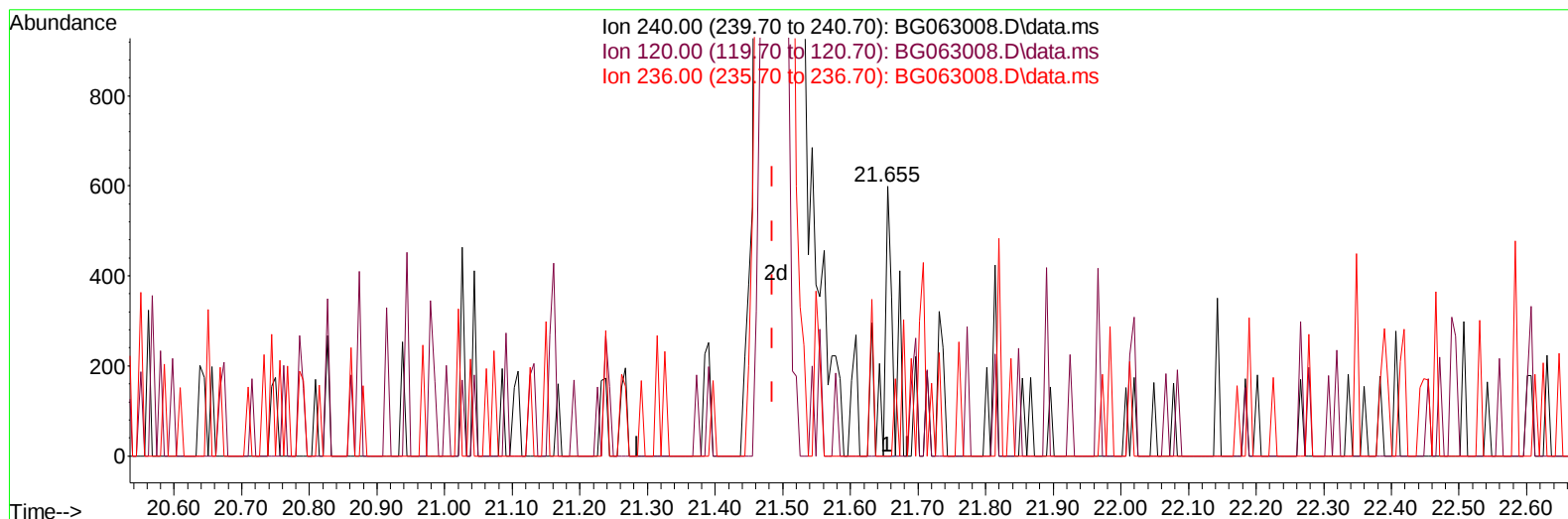
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:18:22 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: BG063008.D\data.ms

(79) Chrysene-d12 (I)

21.655min (+ 0.170) 20.00 ng/u1

response 336

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	0.00#
236.00	26.60	0.00#
0.00	0.00	0.00

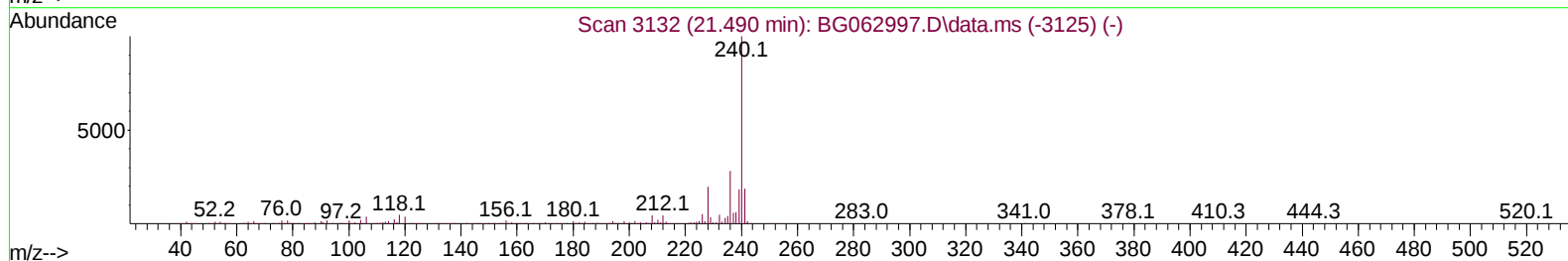
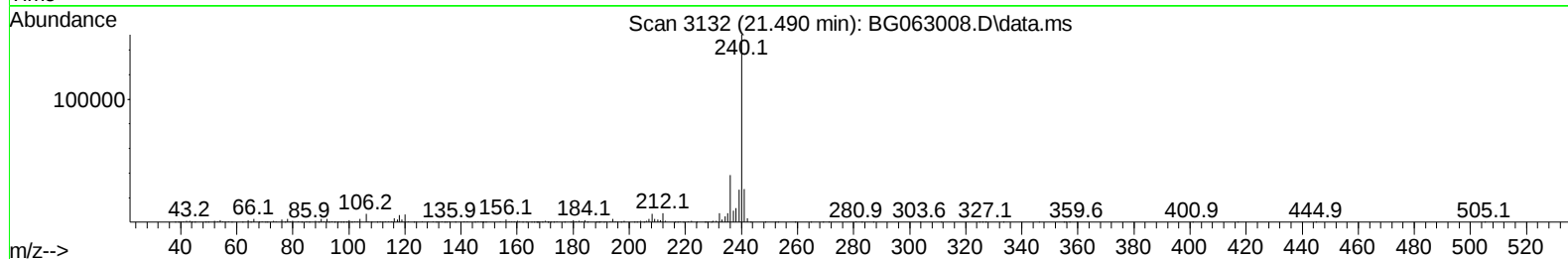
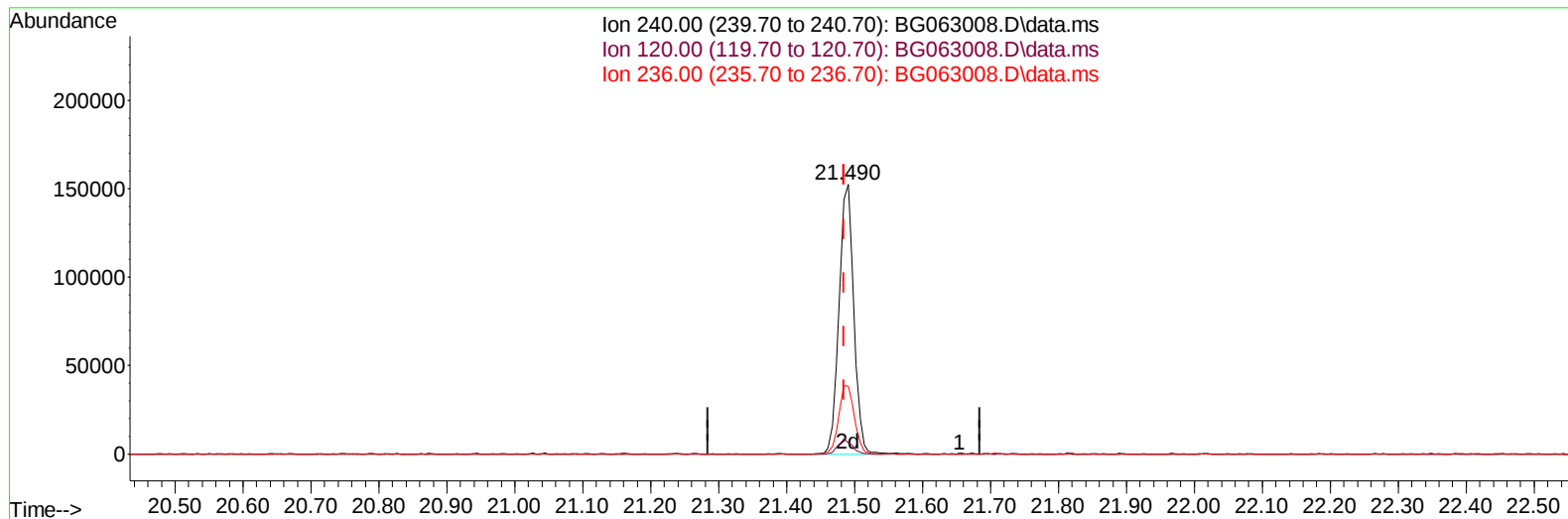
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:18:22 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: BG063008.D\data.ms

(79) Chrysene-d12 (I)

21.490min (+ 0.006) 20.00 ng/ul m

response 229594

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	4.26#
236.00	26.60	25.25
0.00	0.00	0.00

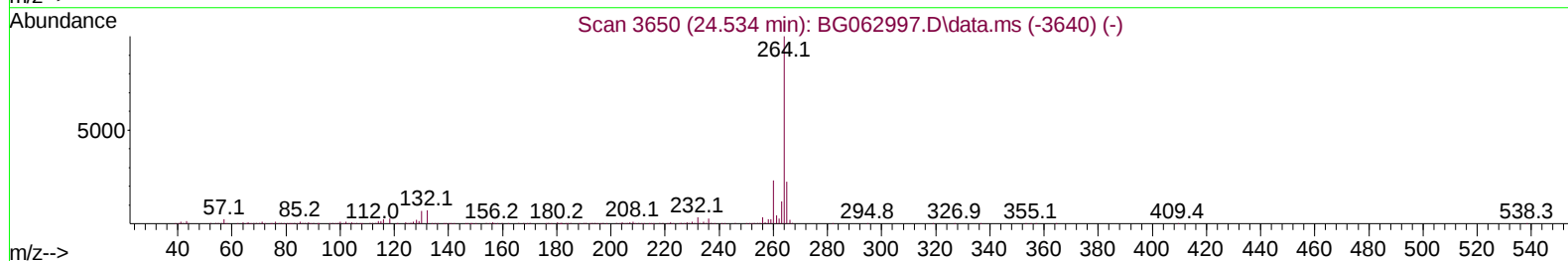
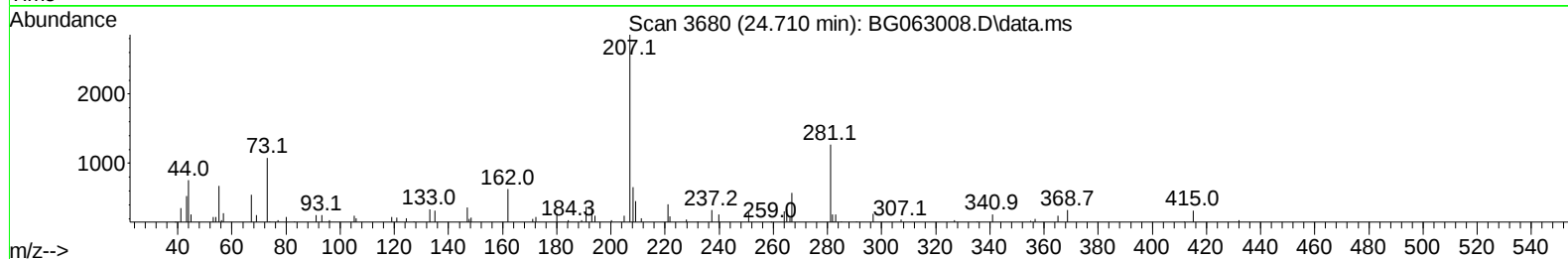
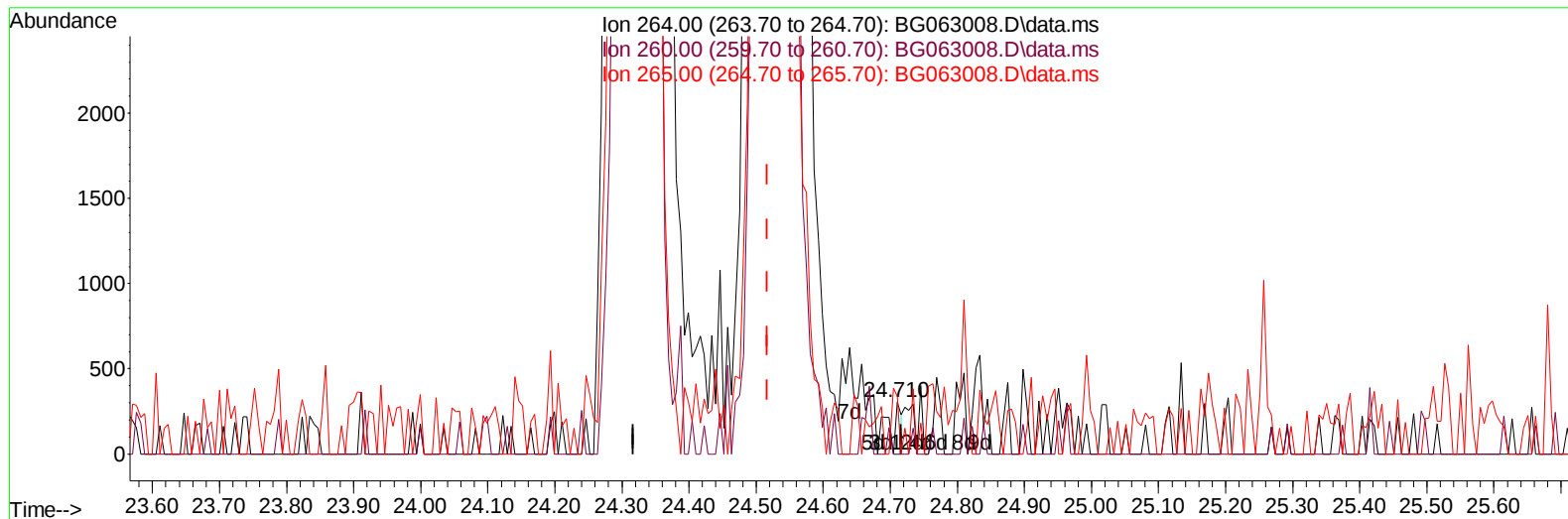
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:21:28 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: BG063008.D\data.ms

(88) Perylene-d12 (I)

24.710min (+ 0.194) 20.00 ng/u1

response 188

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	0.00#
265.00	20.10	110.82#
0.00	0.00	0.00

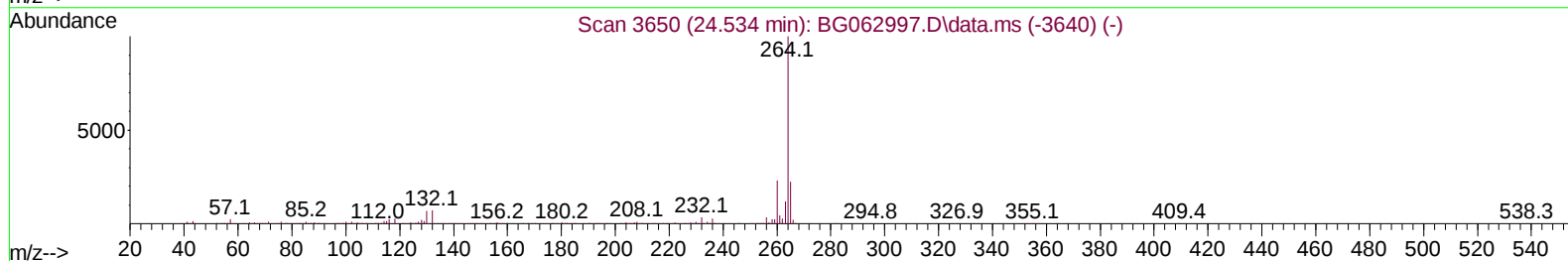
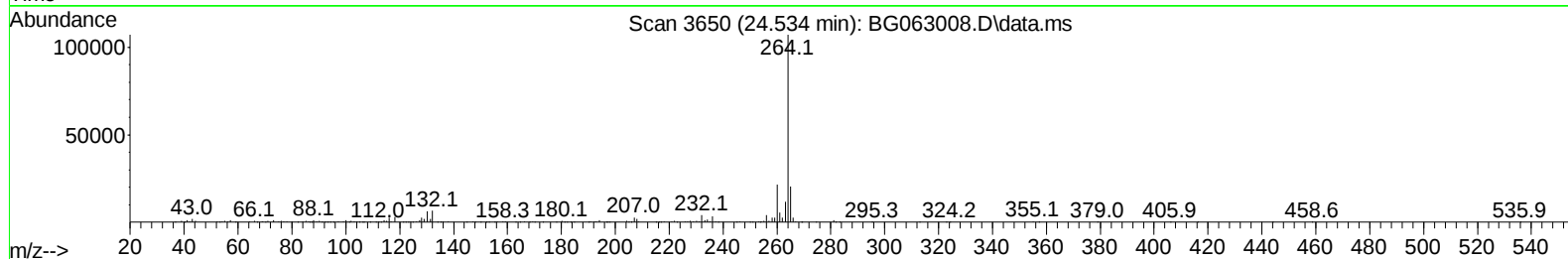
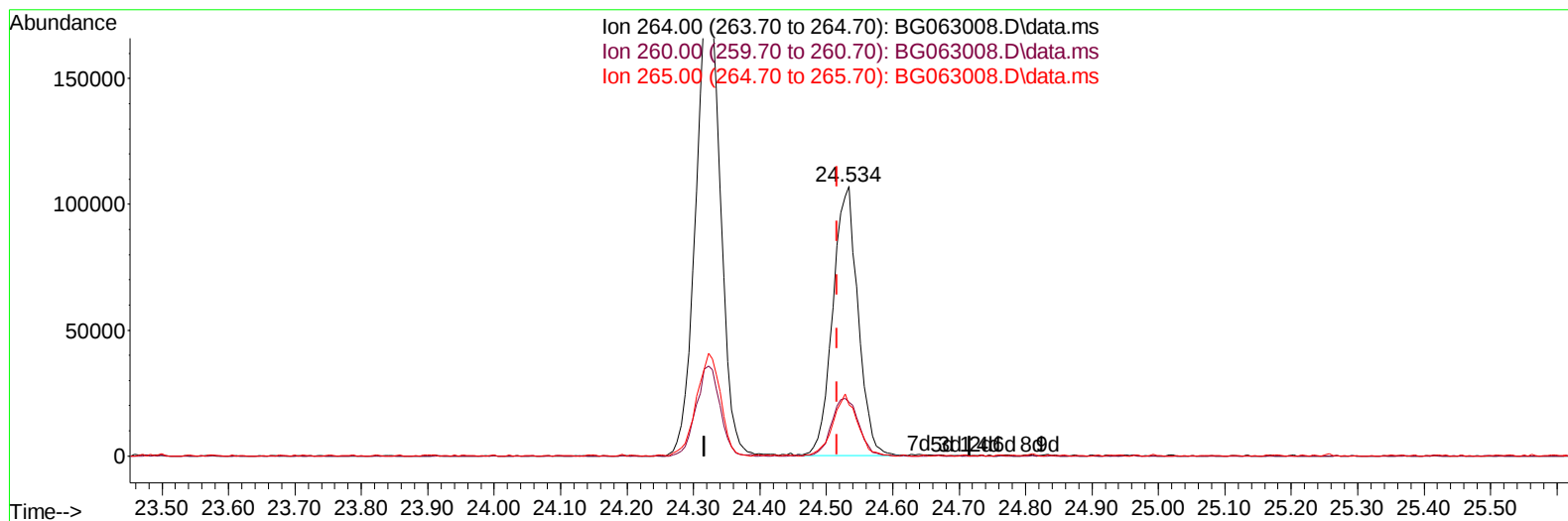
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:21:28 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: BG063008.D\data.ms

(88) Perylene-d12 (I)

24.534min (+ 0.017) 20.00 ng/ul m

response 281152

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	22.50	20.06
265.00	20.10	18.95
0.00	0.00	0.00

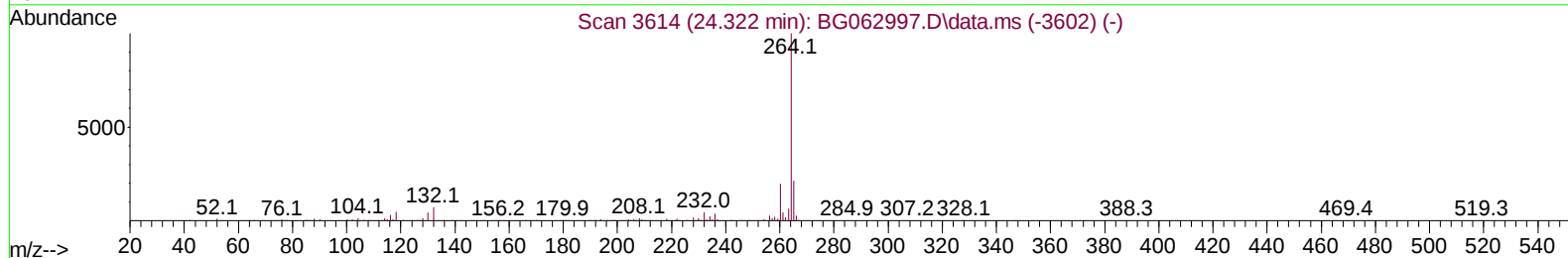
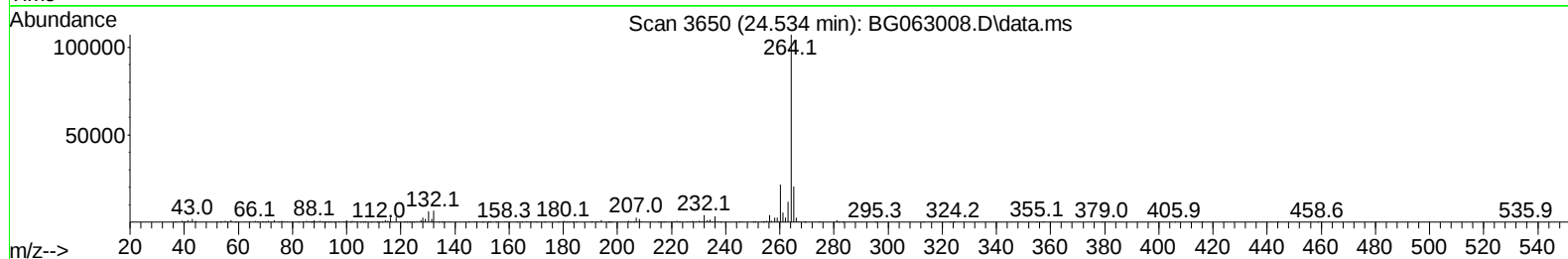
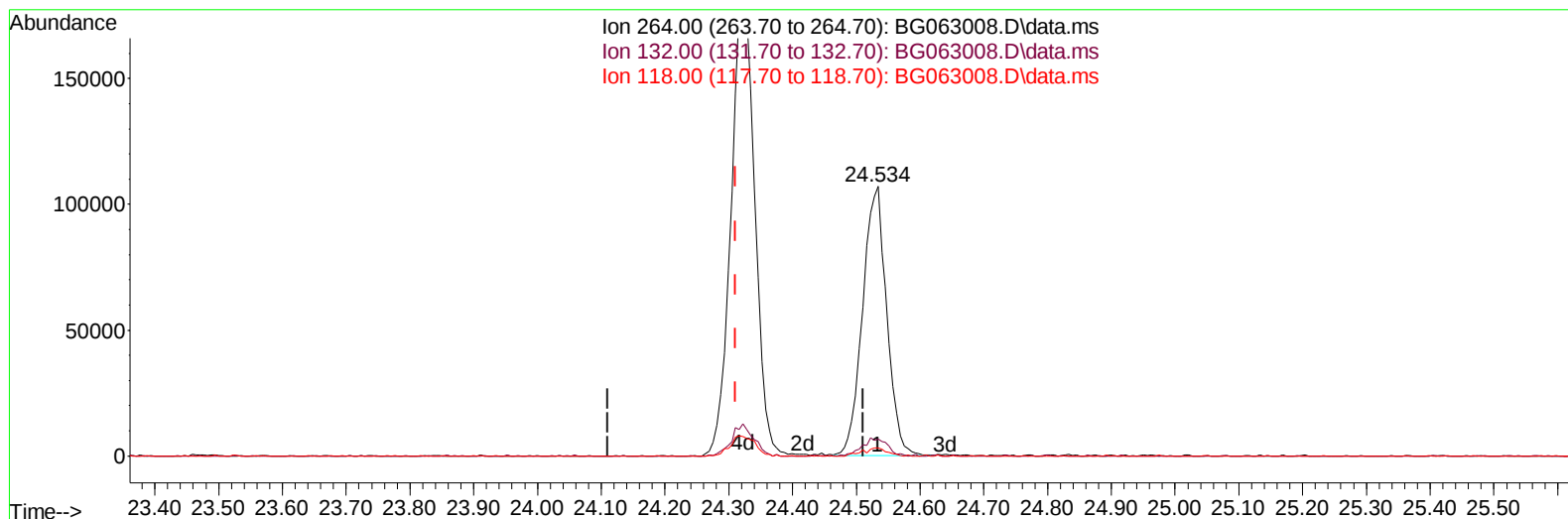
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:23:32 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: BG063008.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.534min (+ 0.223) 18.93 ng/u1

response 280726

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	10.80	6.18#
118.00	6.70	2.90#
0.00	0.00	0.00

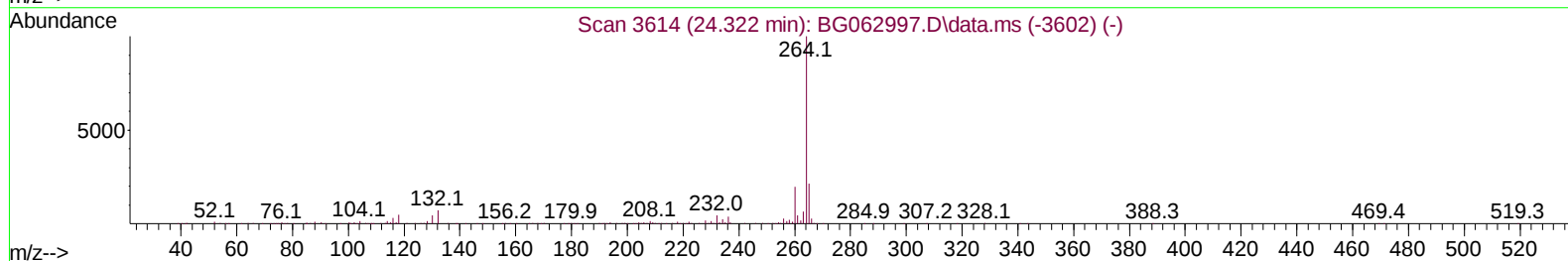
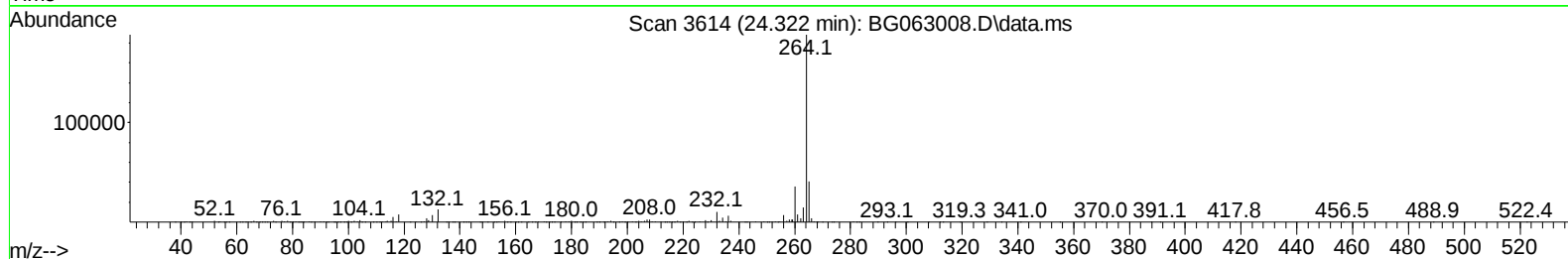
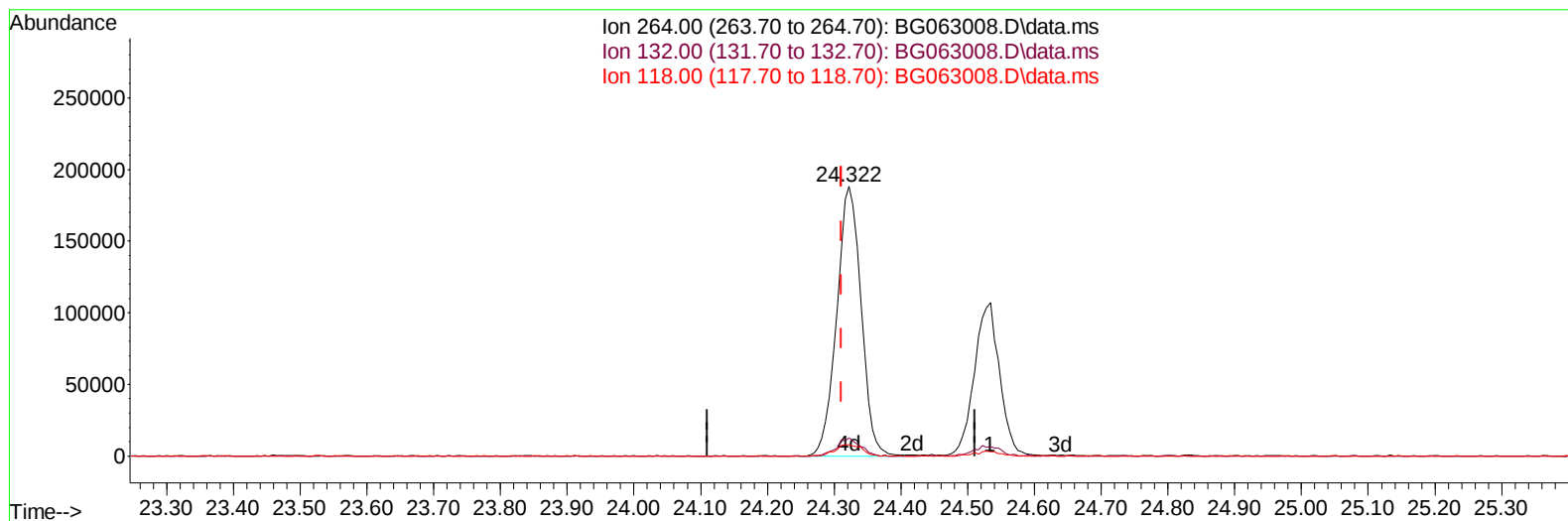
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:23:32 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: BG063008.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.322min (+ 0.012) 32.17 ng/ul m

response 477009

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	10.80	6.84#
118.00	6.70	4.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063008.D
 Acq On : 24 Sep 2024 1:04
 Operator : RC/JU
 Sample : P3879-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 04:00:56 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	22149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.650	136	95910	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	87705	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	214142m	20.000	ng/ul	0.00
79) Chrysene-d12	21.490	240	229594m	20.000	ng/ul	0.00
88) Perylene-d12	24.534	264	281152m	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2791	3.691	ng/uL	0.00
4) Pyridine-d5	3.729	84	5340m	2.601	ng/ul	0.00
7) Phenol-d5	7.031	99	27760	12.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.184	67	32912	25.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.395	132	37064	24.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.564	113	42570	25.284	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	20559	26.907	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	22850	26.360	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.274	165	54680	30.403	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.893	166	201095	30.833	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	195140	26.789	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	14803	14.164	ng/ul	0.01
60) Fluorene-d10	15.486	176	184645	30.405	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	58351m	45.077	ng/ul	0.00
73) Anthracene-d10	17.336	188	316005	31.224	ng/ul	0.00
81) Pyrene-d10	19.634	212	420977	30.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	477009m	32.171	ng/ul	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.569	82	70378	15.579	ng/ul#	94
30) Naphthalene	10.697	128	15481	2.907	ng/ul#	97
36) 2-Methylnaphthalene	12.313	142	12778	3.330	ng/ul	94
37) 1-Methylnaphthalene	12.524	142	8838	2.276	ng/ul#	67
41) 2,4,6-Trichlorophenol	12.924	196	117451	60.639	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.000	196	4989m	2.452	ng/ul	
47) Dimethylphthalate	13.940	163	21227	3.181	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.121	232	256831	140.260	ng/ul#	97
71) Pentachlorophenol	16.913	266	1180205m	752.958	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCC2

Manual IntegrationsAPPROVED

Quant Time: Sep 24 04:00:56 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

