

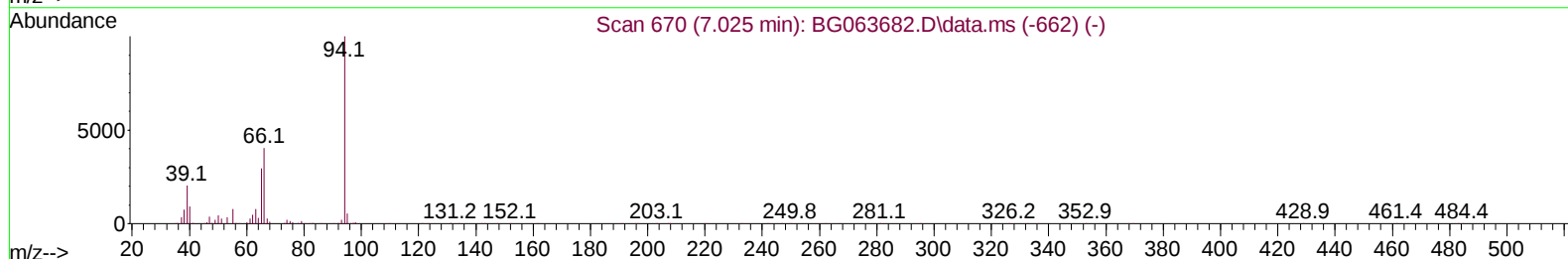
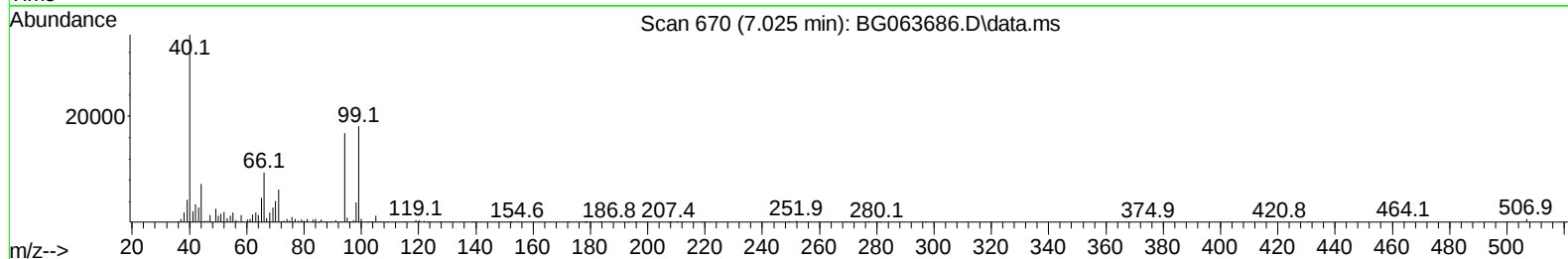
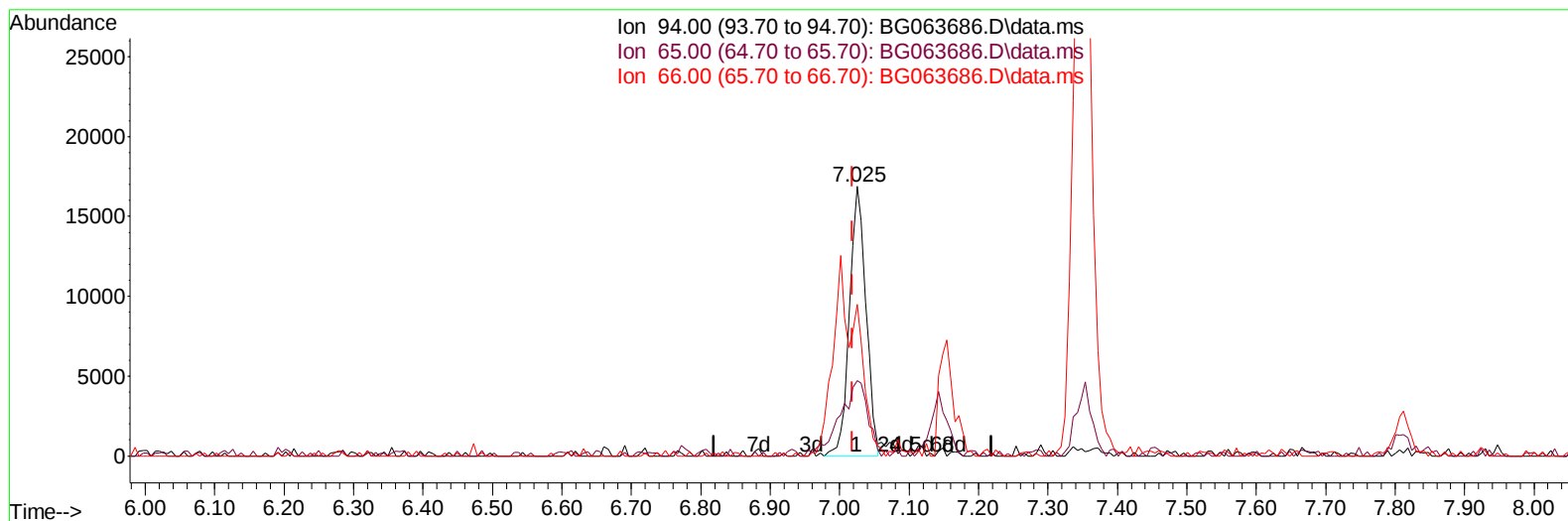
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063686.D
 Acq On : 16 Dec 2024 13:05
 Operator : RC/JU
 Sample : P5232-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28T1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:22:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



TIC: BG063686.D\data.ms

(8) Phenol

7.025min (+ 0.006) 1.47 ng/u1

response 27750

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.00	27.86
66.00	42.70	56.27#
0.00	0.00	0.00

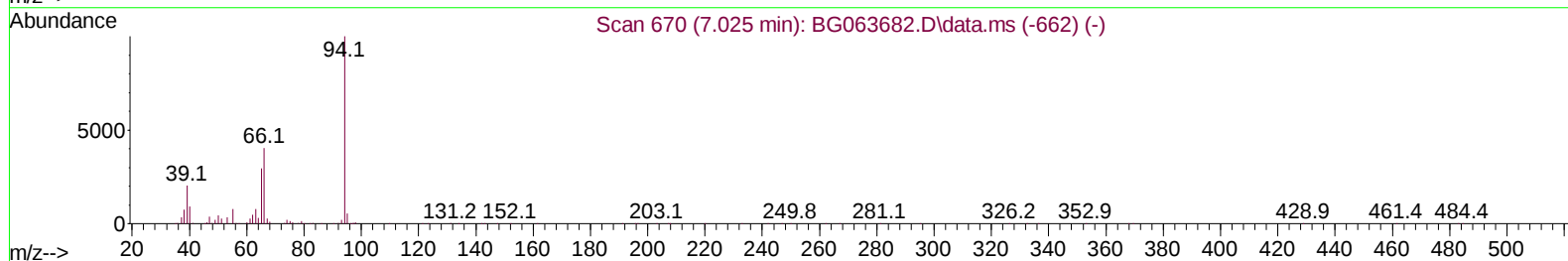
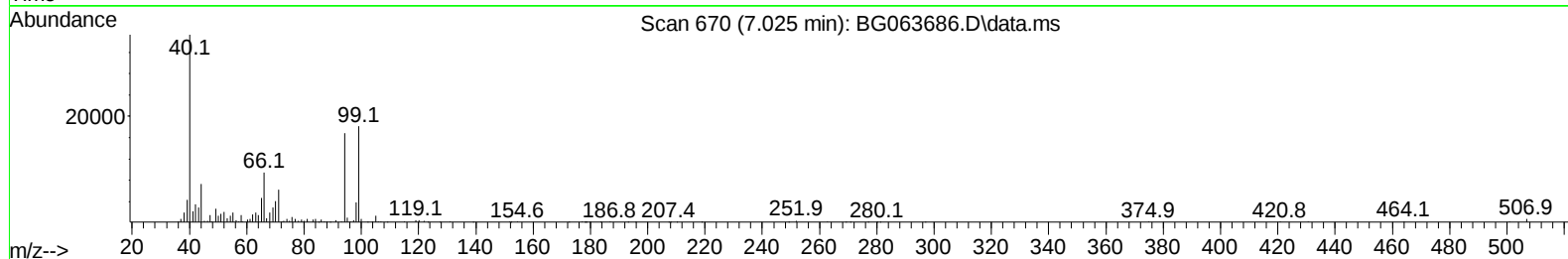
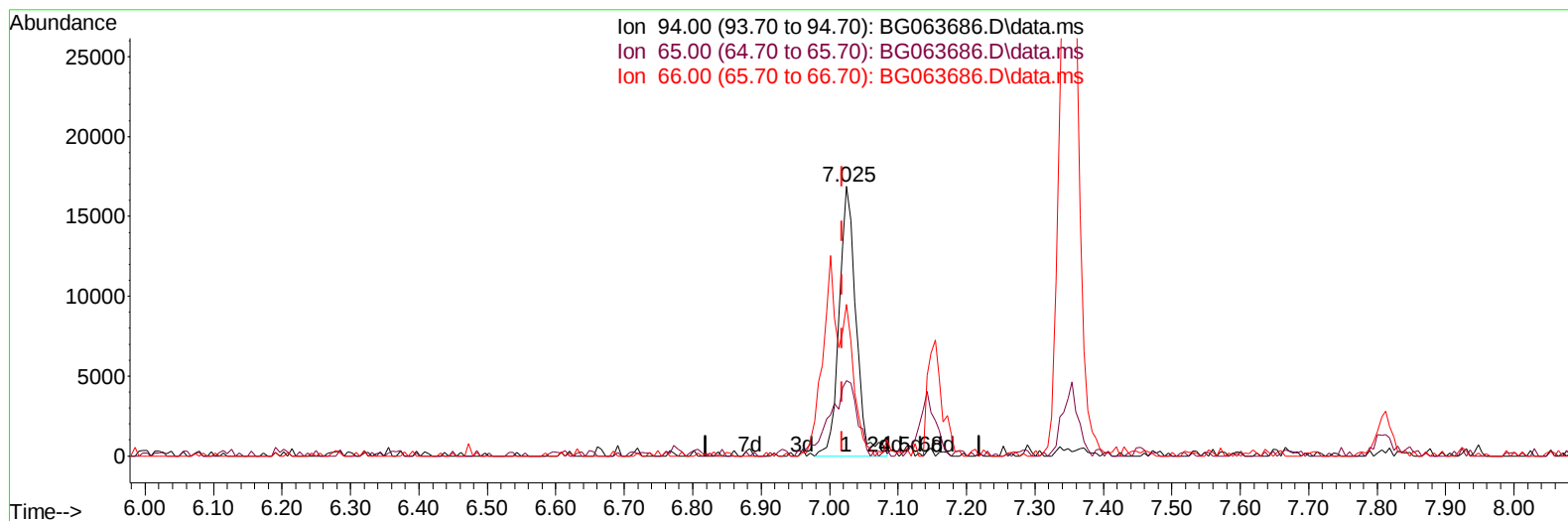
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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Supervised By :mohammad ahmed 12/18/2024



TIC: BG063686.D\data.ms

(8) Phenol

7.025min (+ 0.006) 1.53 ng/u1 m

response 28887

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.00	27.86
66.00	42.70	56.27#
0.00	0.00	0.00

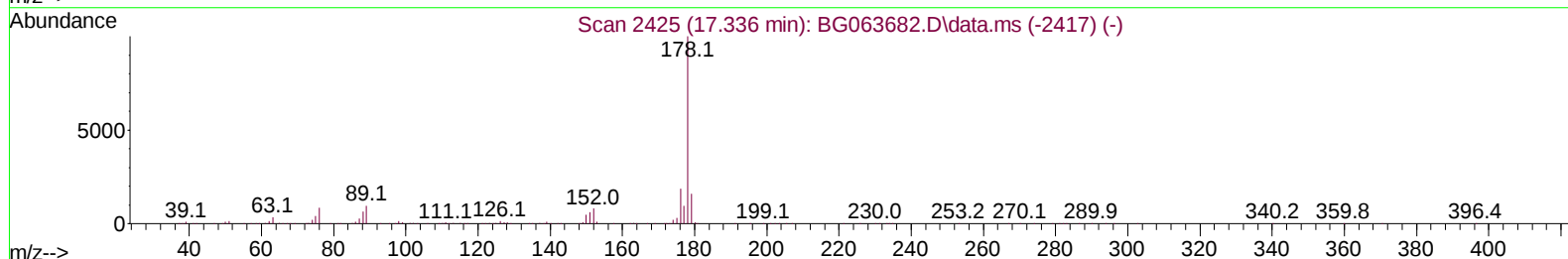
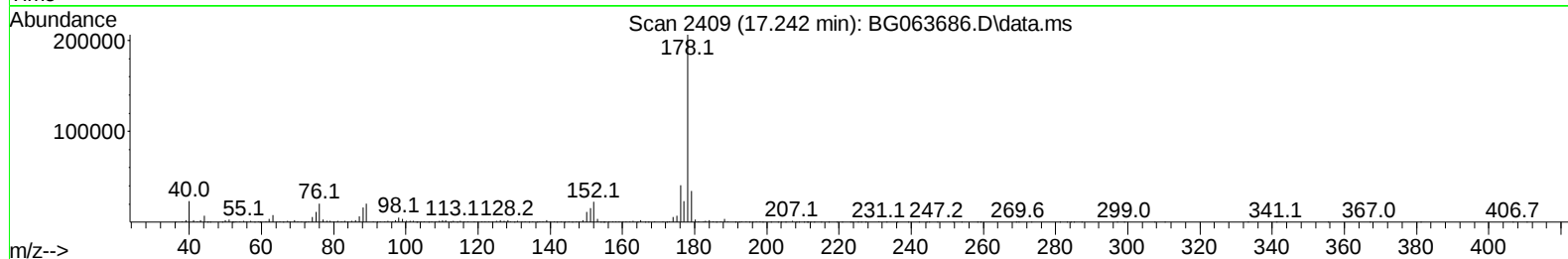
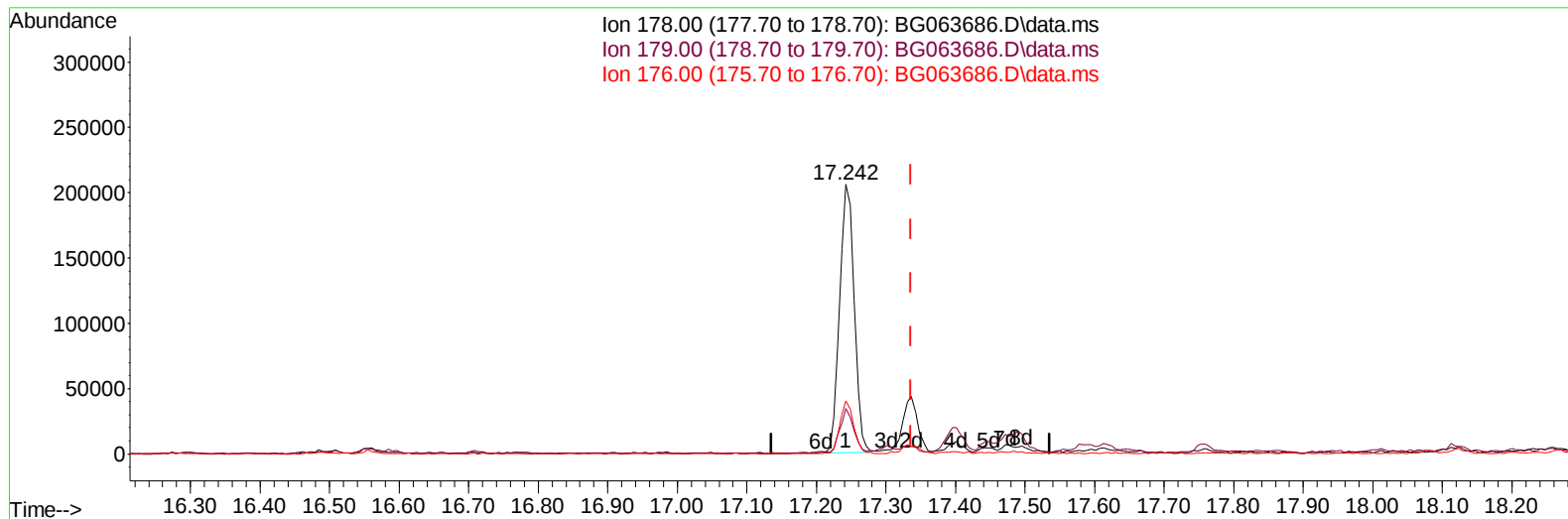
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
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Instrument :
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TIC: BG063686.D\data.ms

(74) Anthracene

17.242min (-0.094) 4.90 ng/u1

response 297719

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	16.81
176.00	18.00	19.68
0.00	0.00	0.00

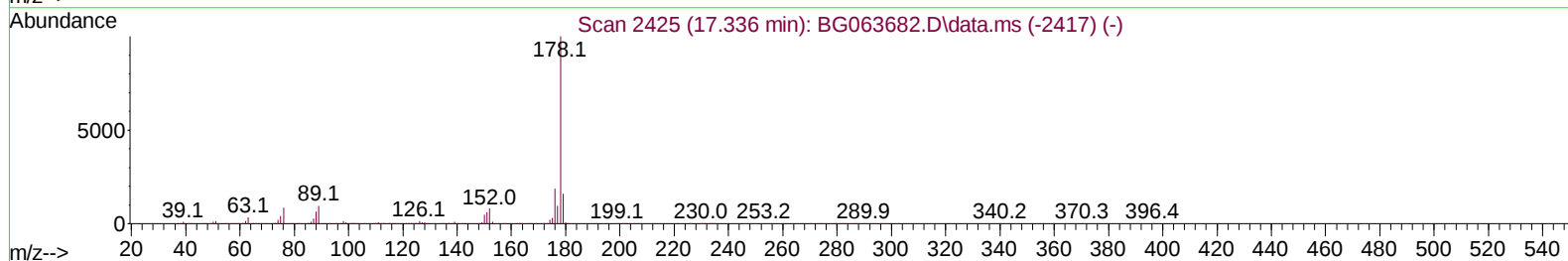
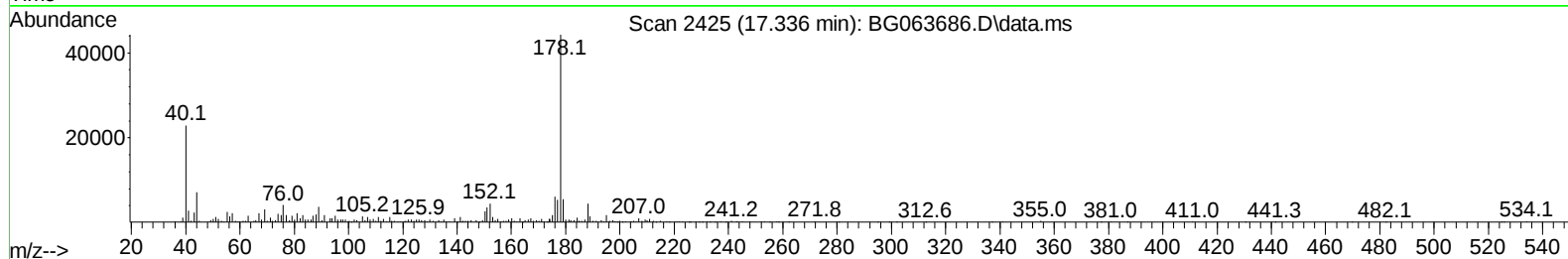
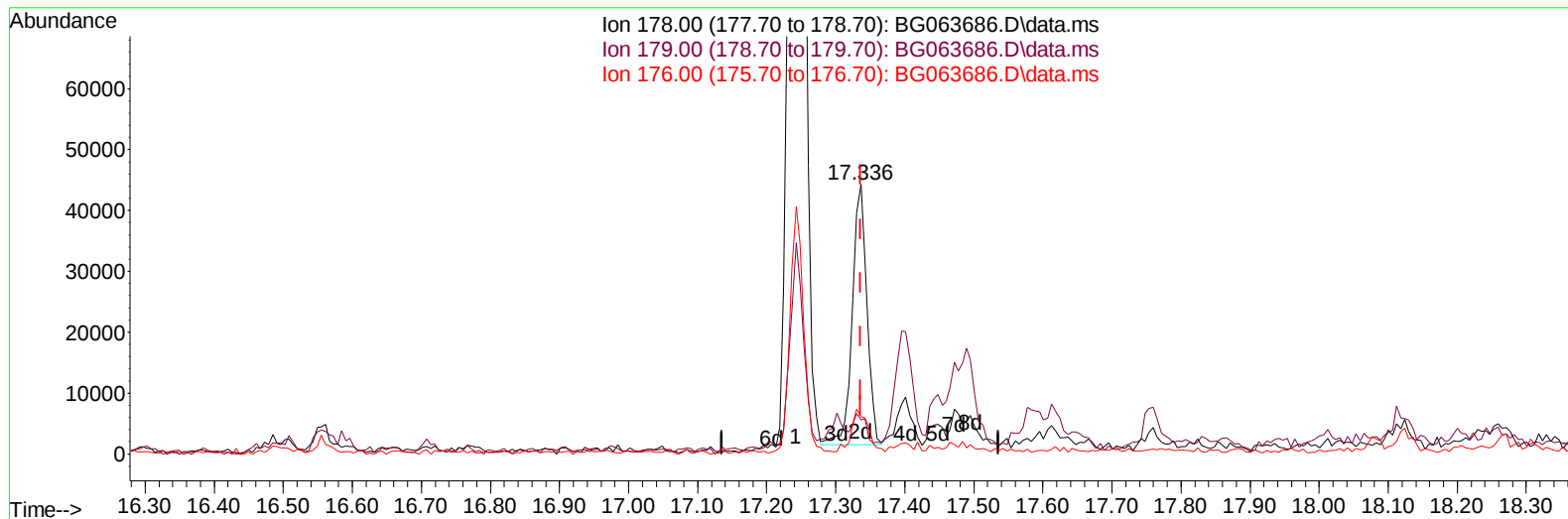
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
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Instrument :
BNA_G
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Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:22:33 2024
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TIC: BG063686.D\data.ms

(74) Anthracene

17.336min (+ 0.000) 1.03 ng/u1 m

response 62734

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	12.53
176.00	18.00	13.89#
0.00	0.00	0.00

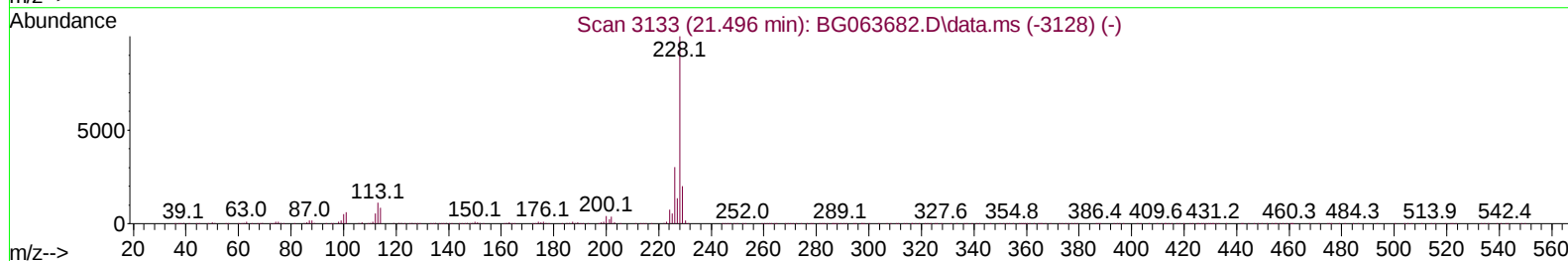
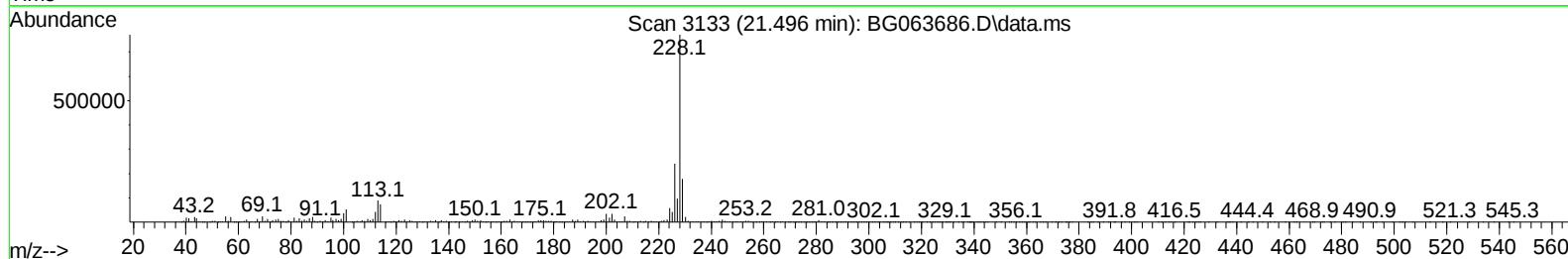
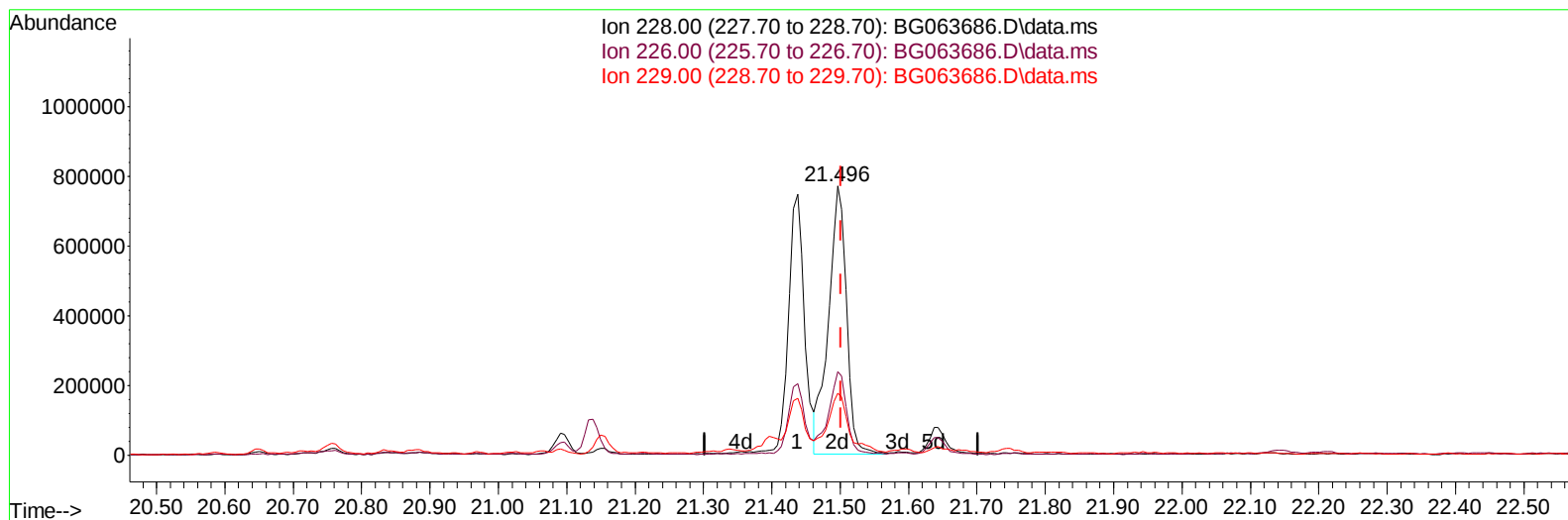
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Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28T1

Manual IntegrationsAPPROVED

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TIC: BG063686.D\data.ms

(87) Chrysene

21.496min (-0.005) 20.32 ng/ul m

response 1412991

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	31.06
229.00	18.50	23.00#
0.00	0.00	0.00

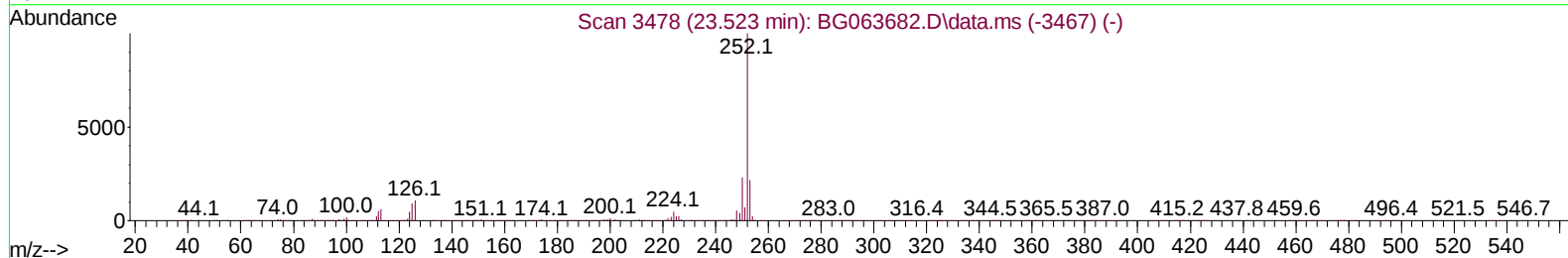
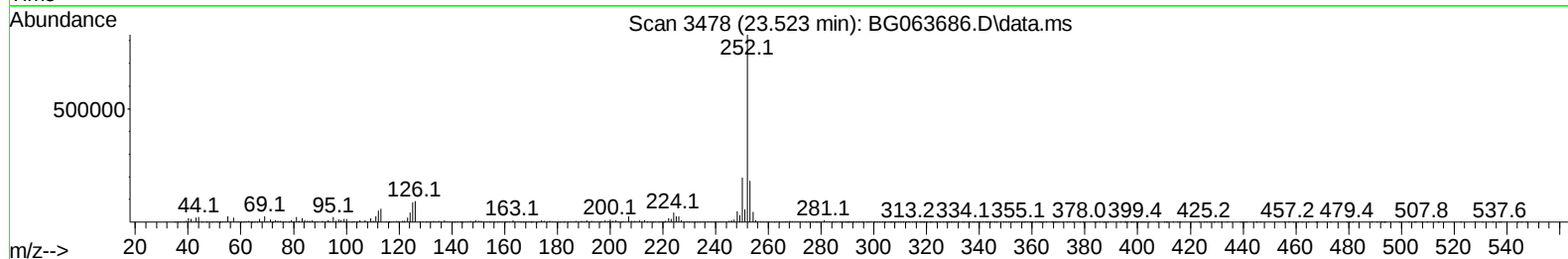
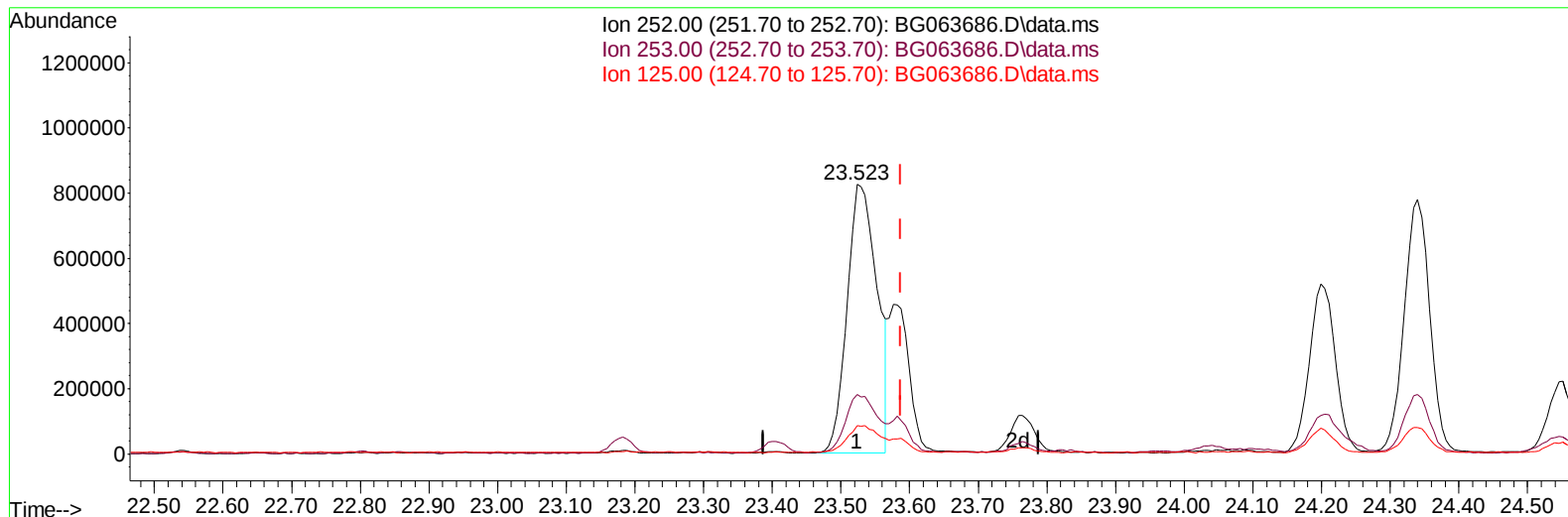
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28T1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:22:33 2024
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063686.D\data.ms

(91) Benzo(k)fluoranthene

23.523min (-0.064) 34.65 ng/u1

response 2504696

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.16
125.00	8.10	10.46#
0.00	0.00	0.00

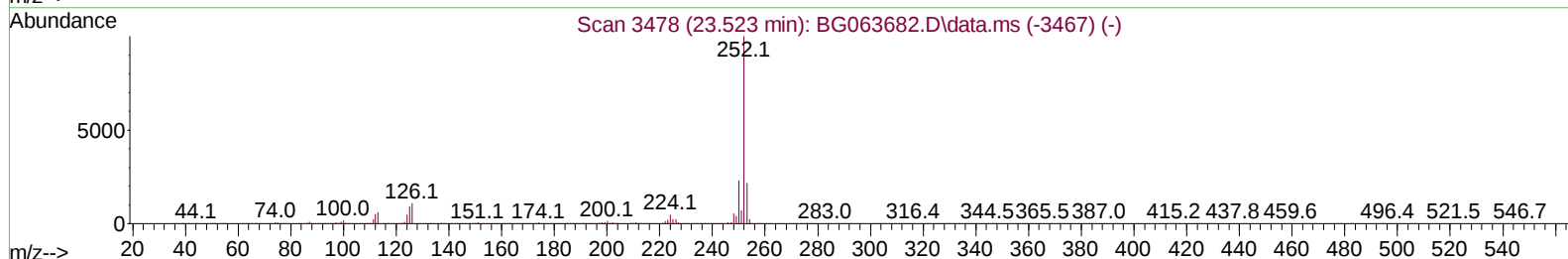
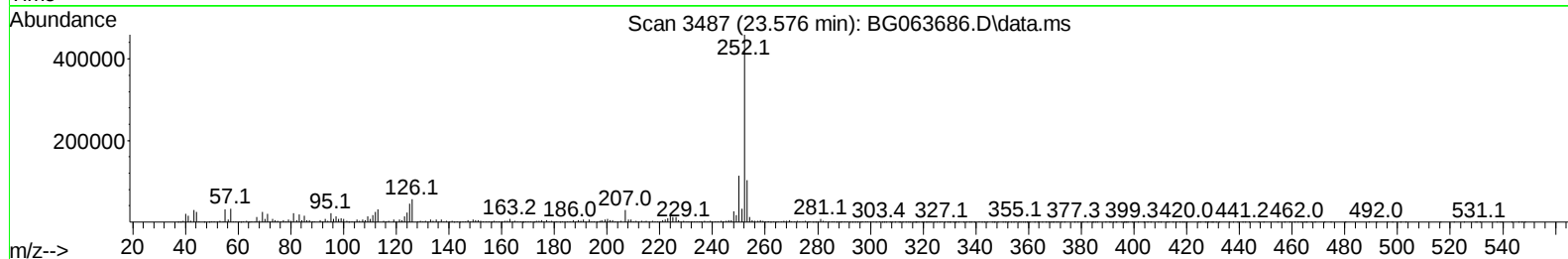
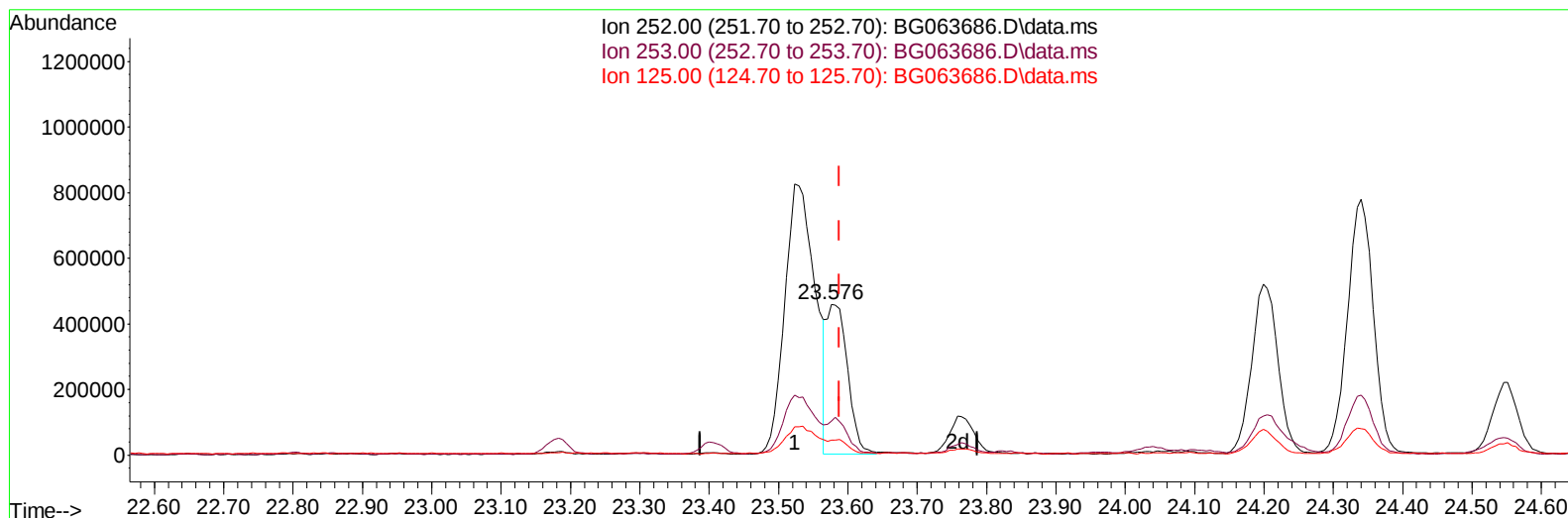
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28T1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:22:33 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



TIC: BG063686.D\data.ms

(91) Benzo(k)fluoranthene

23.576min (-0.011) 13.15 ng/ul m

response 950719

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.37
125.00	8.10	9.86#
0.00	0.00	0.00

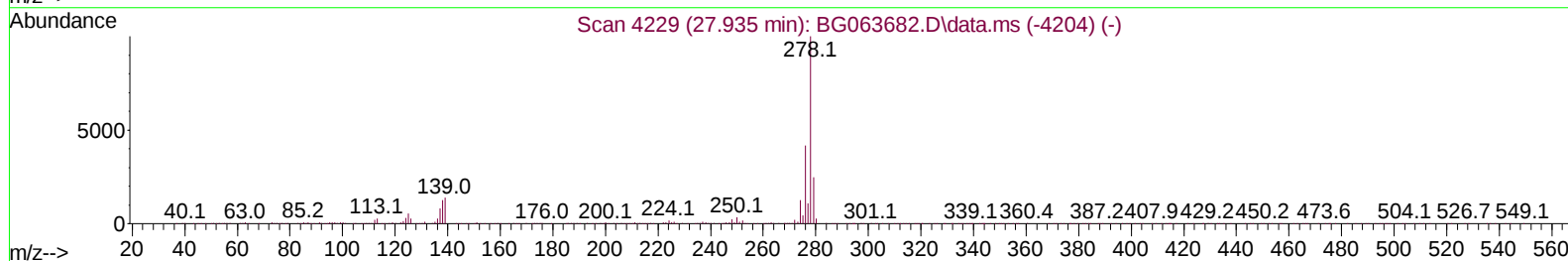
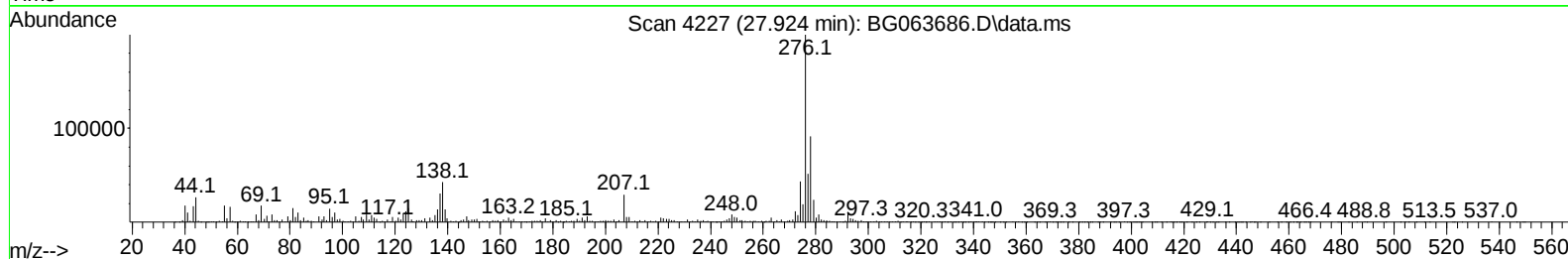
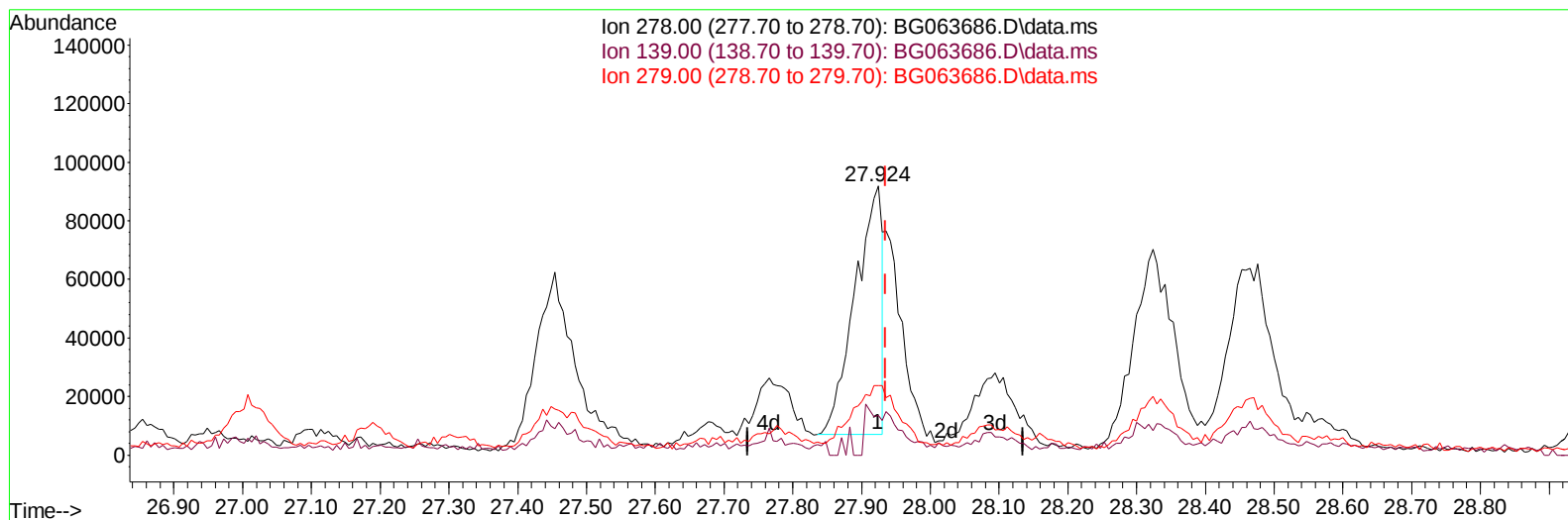
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28T1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:22:33 2024
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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 12/18/2024



TIC: BG063686.D\data.ms

(95) Dibenzo(a,h)anthracene

27.924min (-0.011) 3.47 ng/u1

response 230512

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	14.64#
279.00	21.60	25.89
0.00	0.00	0.00

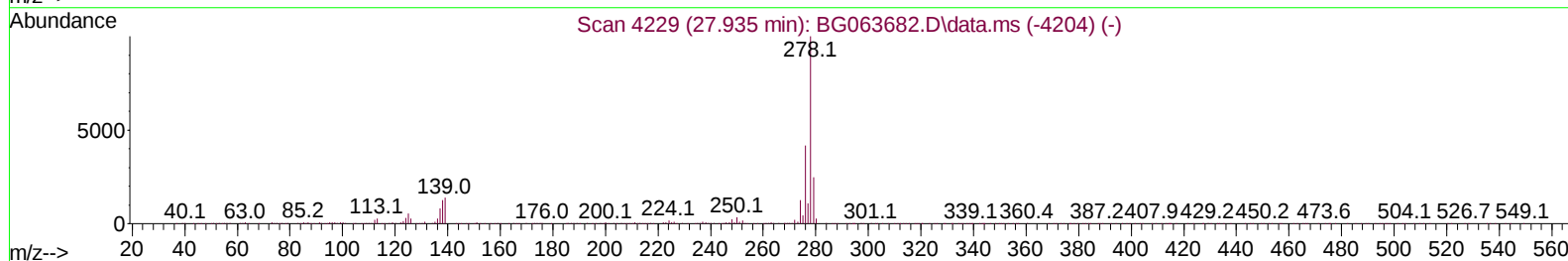
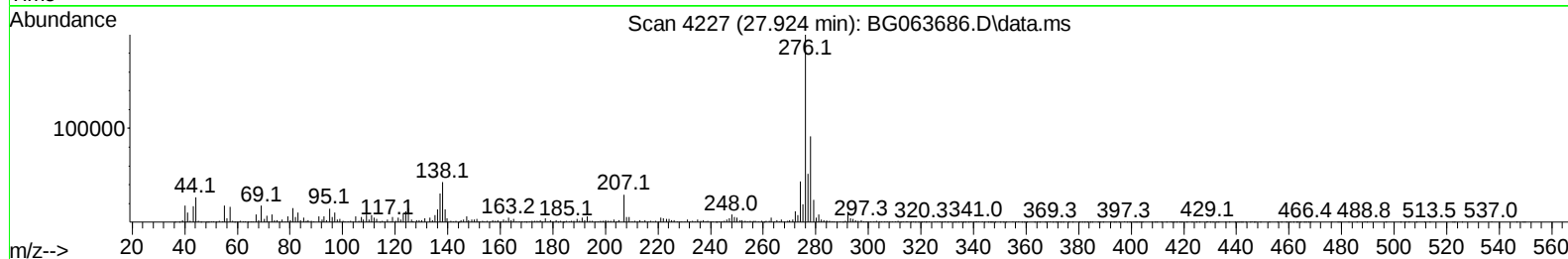
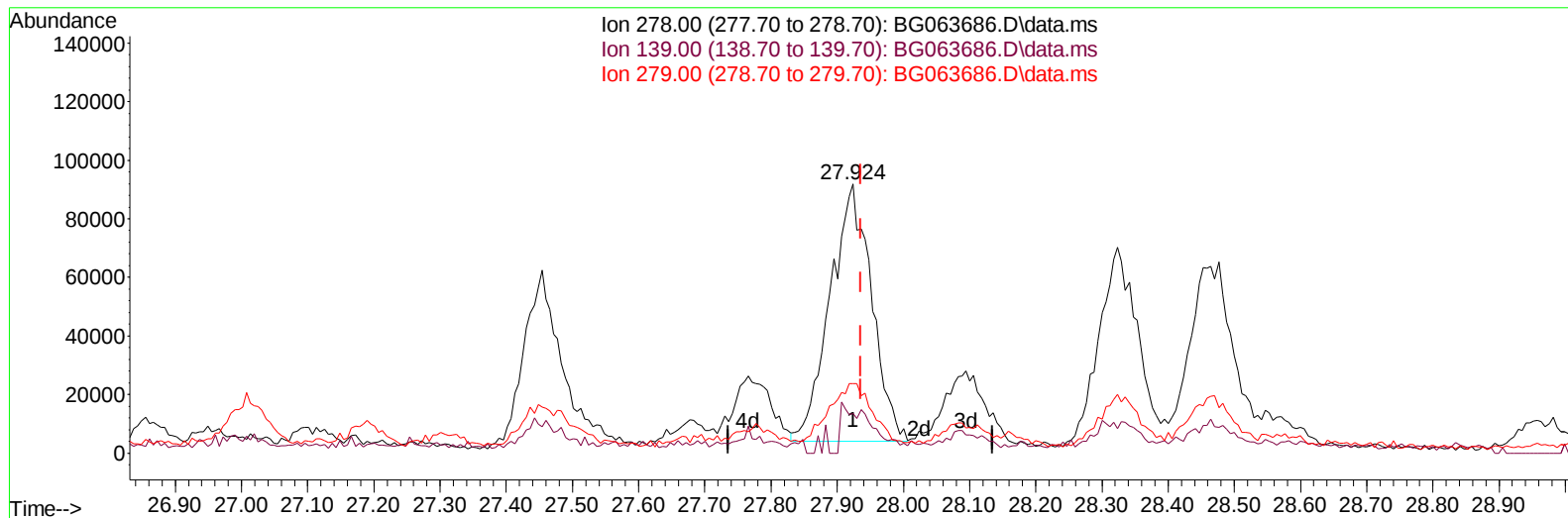
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063686.D
Acq On : 16 Dec 2024 13:05
Operator : RC/JU
Sample : P5232-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E28T1

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:22:33 2024
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Supervised By :mohammad ahmed 12/18/2024



TIC: BG063686.D\data.ms

(95) Dibenzo(a,h)anthracene

27.924min (-0.011) 5.73 ng/ul m

response 381103

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.10	14.64#
279.00	21.60	25.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063686.D
 Acq On : 16 Dec 2024 13:05
 Operator : RC/JU
 Sample : P5232-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28T1

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152		192941	20.000	ng/ul	0.00
20) Naphthalene-d8	10.597	136		782493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.452	164		578686	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.201	188		1246693	20.000	ng/ul	0.00
79) Chrysene-d12	21.455	240		1163970	20.000	ng/ul	0.00
88) Perylene-d12	24.481	264		1274893	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.271	96		14712	2.988	ng/uL	0.00
4) Pyridine-d5	3.682	84		217993	14.035	ng/ul	0.00
7) Phenol-d5	7.002	99		338185	19.032	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67		220138	17.937	ng/ul	0.00
11) 2-Chlorophenol-d4	7.354	132		218709	19.011	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113		199279	14.445	ng/ul	0.00
21) Nitrobenzene-d5	8.970	128		119025	21.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143		143308	22.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165		252132	20.794	ng/ul	0.00
31) 4-Chloroaniline-d4	10.738	131		206885	13.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.858	166		878839	22.319	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160		930426	20.728	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143		87988	15.771	ng/ul	0.01
60) Fluorene-d10	15.445	176		686710	19.724	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200		25631	3.960	ng/ul	0.00
73) Anthracene-d10	17.301	188		1002377	18.701	ng/ul	0.00
81) Pyrene-d10	19.599	212		1013364	16.730	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.270	264		685791	11.455	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	7.025	94		28887m	1.525	ng/ul	
30) Naphthalene	10.650	128		57946	1.481	ng/ul#	95
36) 2-Methylnaphthalene	12.266	142		88754	3.157	ng/ul	97
37) 1-Methylnaphthalene	12.483	142		31502	1.100	ng/ul	83
72) Phenanthrene	17.242	178		297027	4.944	ng/ul	98
74) Anthracene	17.336	178		62734m	1.032	ng/ul	
80) Fluoranthene	19.264	202		1101267	15.997	ng/ul	98
82) Pyrene	19.628	202		1277324	17.439	ng/ul#	94
85) Benzo(a)anthracene	21.438	228		1211257	16.605	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.349	149		77792	2.378	ng/ul#	98
87) Chrysene	21.496	228		1412991m	20.323	ng/ul	
90) Benzo(b)fluoranthene	23.523	252		2504696	34.567	ng/ul#	99
91) Benzo(k)fluoranthene	23.576	252		950719m	13.154	ng/ul	
93) Benzo(a)pyrene	24.340	252		2003167	29.453	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.895	276		1522565	18.331	ng/ul	94
95) Dibenzo(a,h)anthracene	27.924	278		381103m	5.734	ng/ul	
96) Benzo(g,h,i)perylene	28.964	276		1617346	24.539	ng/ul#	92

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

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