

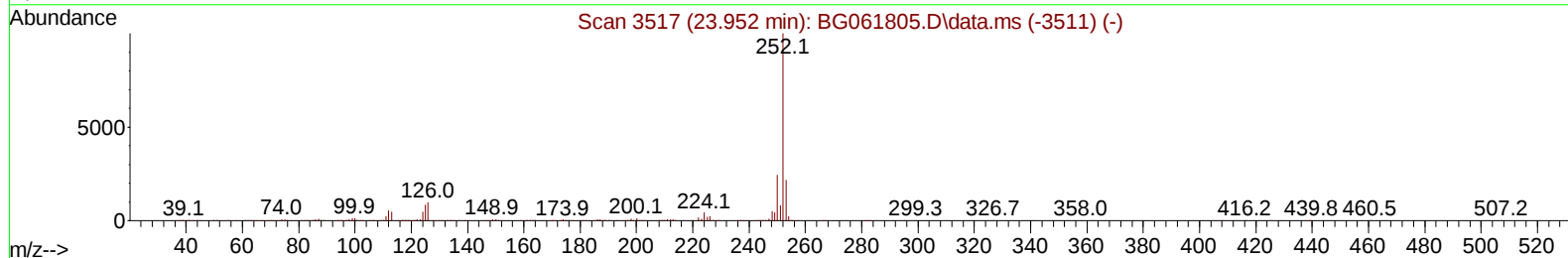
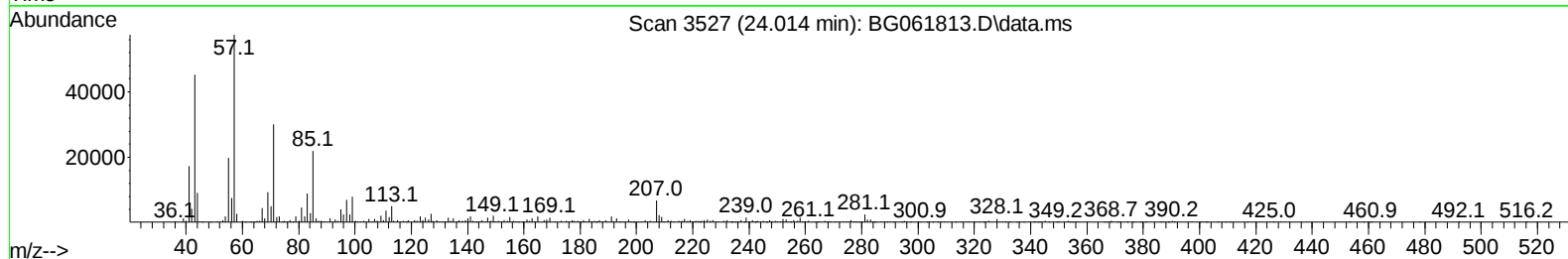
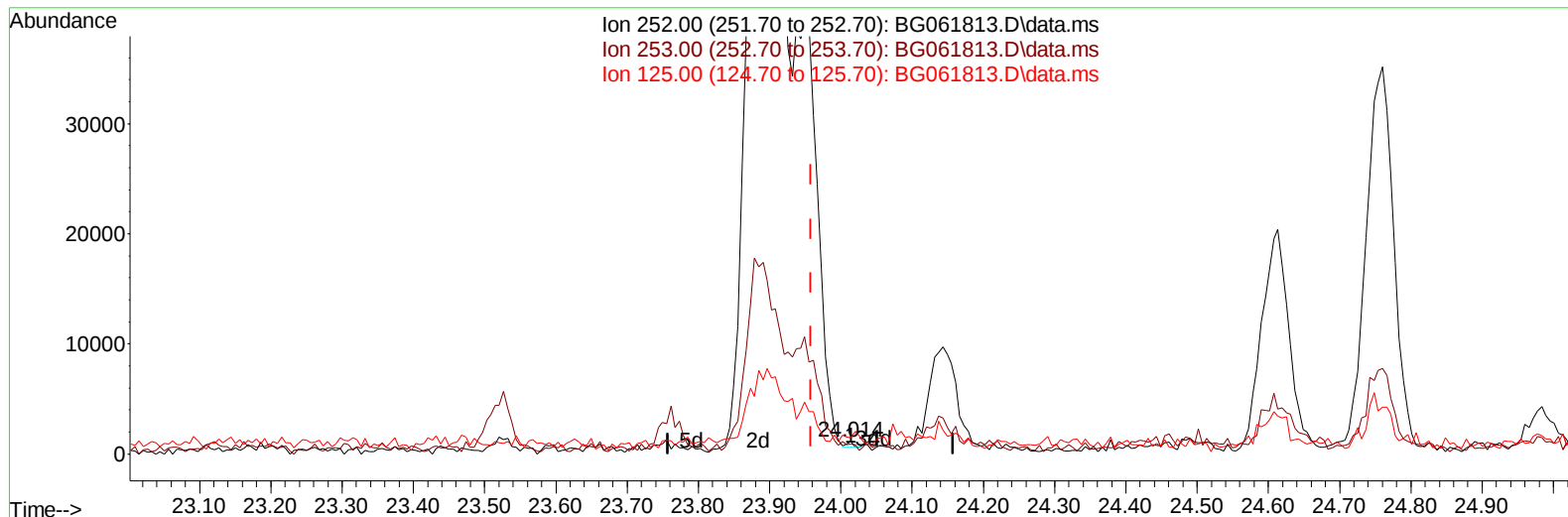
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 03 09:13:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061813.D\data.ms

(91) Benzo(k)fluoranthene

24.014min (+ 0.056) 0.01 ng/u1

response 287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	77.46#
125.00	7.70	126.68#
0.00	0.00	0.00

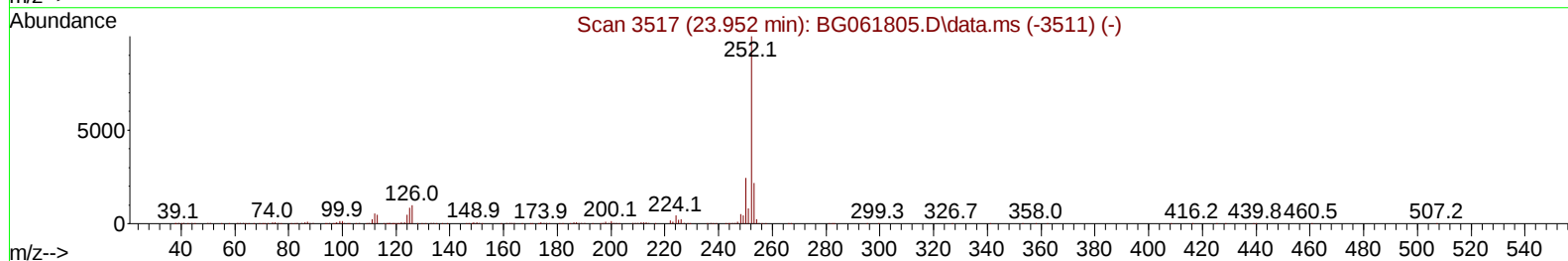
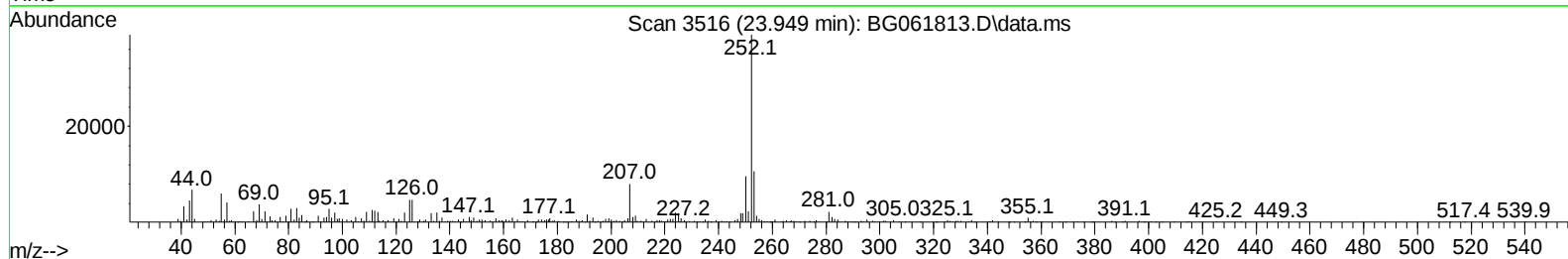
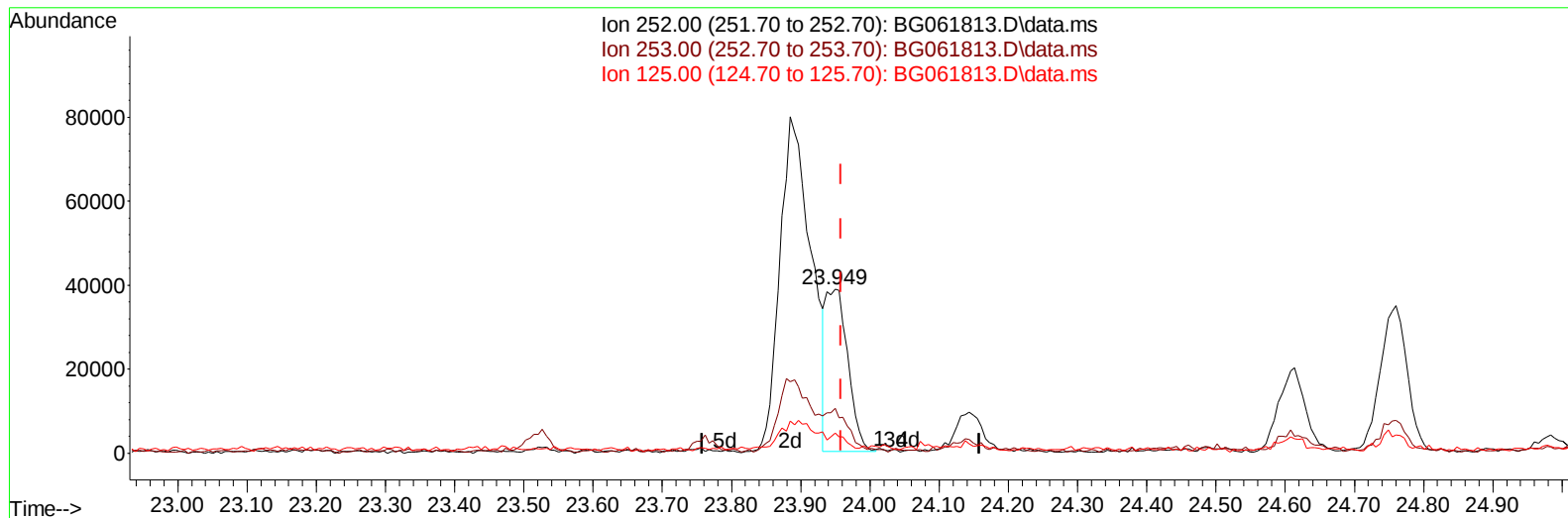
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:17:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BG061813.D\data.ms

(91) Benzo(k)fluoranthene

23.949min (-0.009) 3.61 ng/u1 m

response 84662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	27.31#
125.00	7.70	12.06#
0.00	0.00	0.00

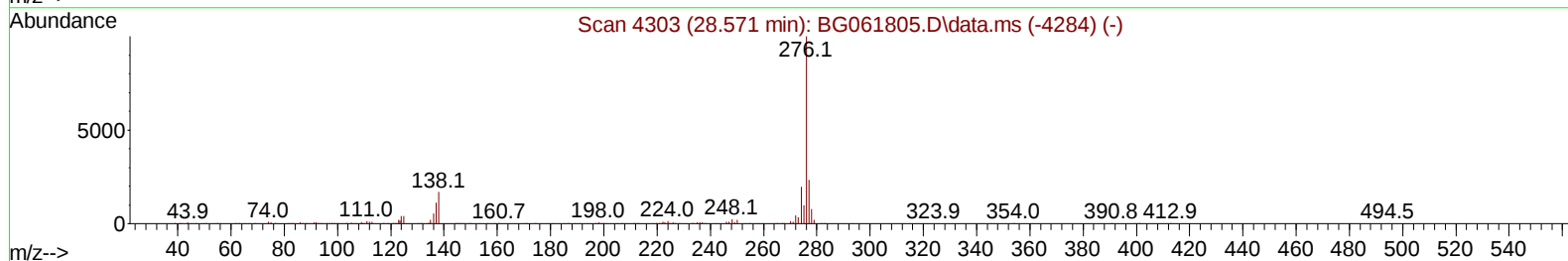
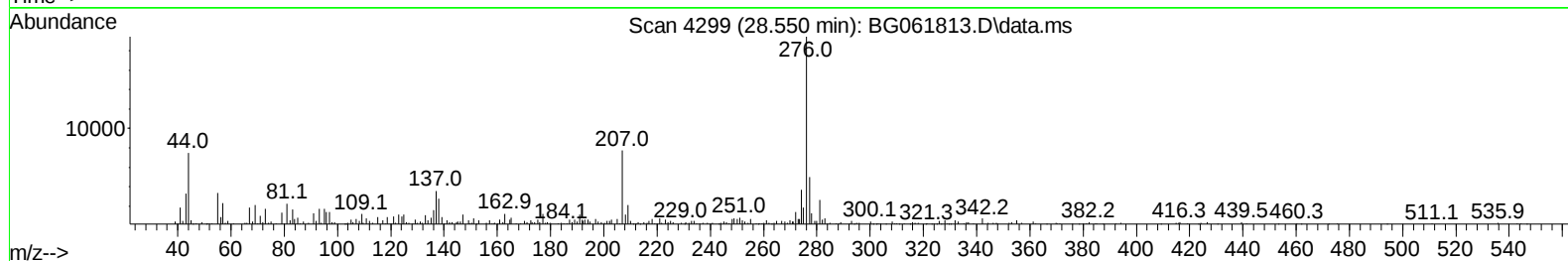
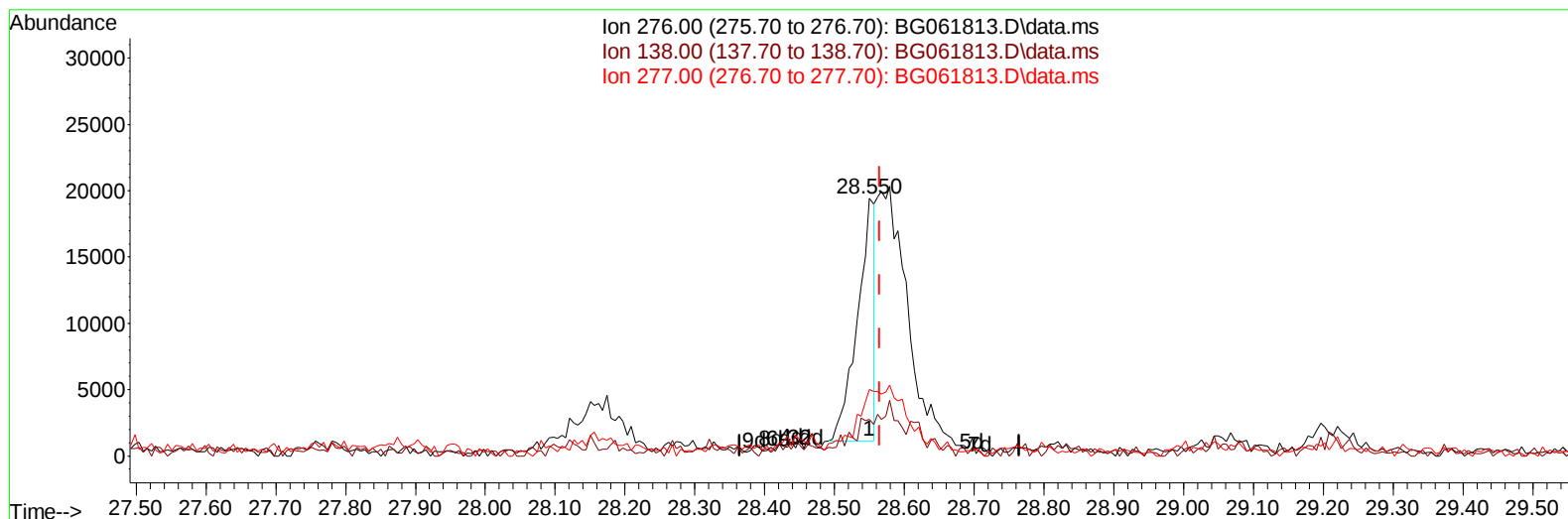
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

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TIC: BG061813.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.550min (-0.015) 1.14 ng/u1

response 31134

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.29
277.00	24.60	25.78
0.00	0.00	0.00

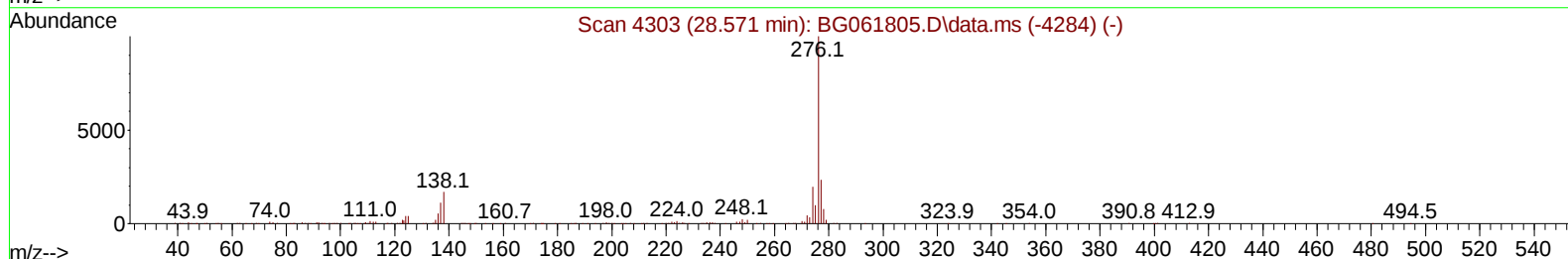
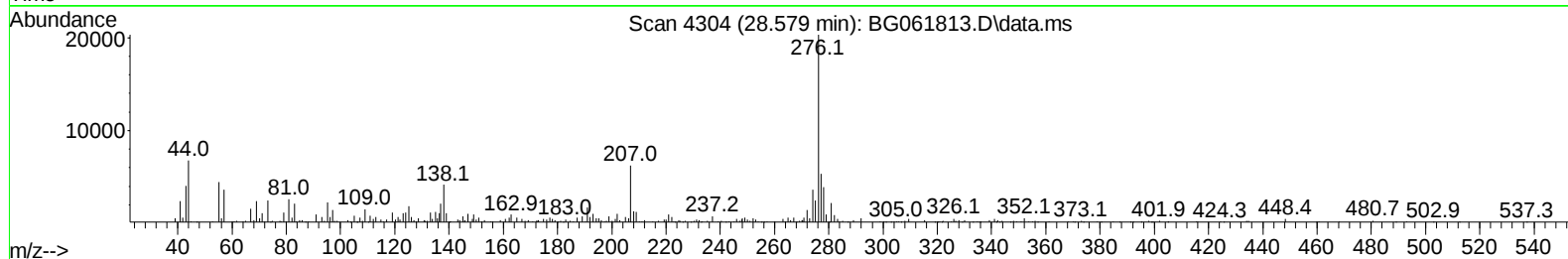
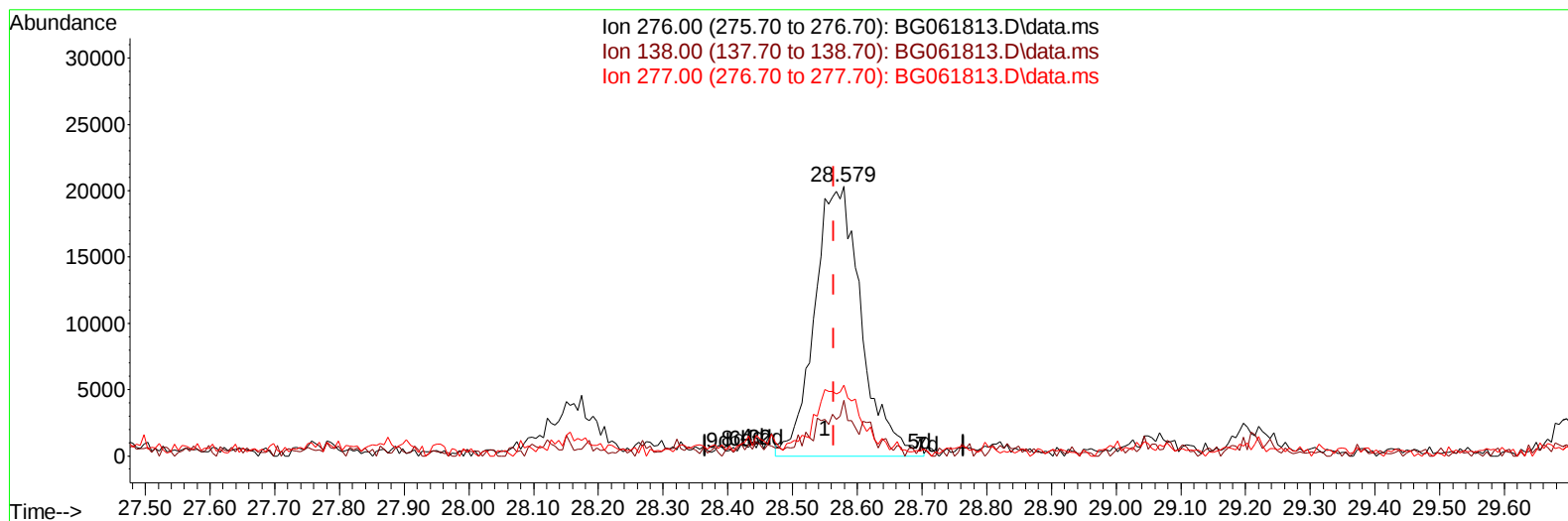
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:17:20 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG061813.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.579min (+ 0.015) 3.72 ng/ul m

response 101810

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	20.58#
277.00	24.60	26.42
0.00	0.00	0.00

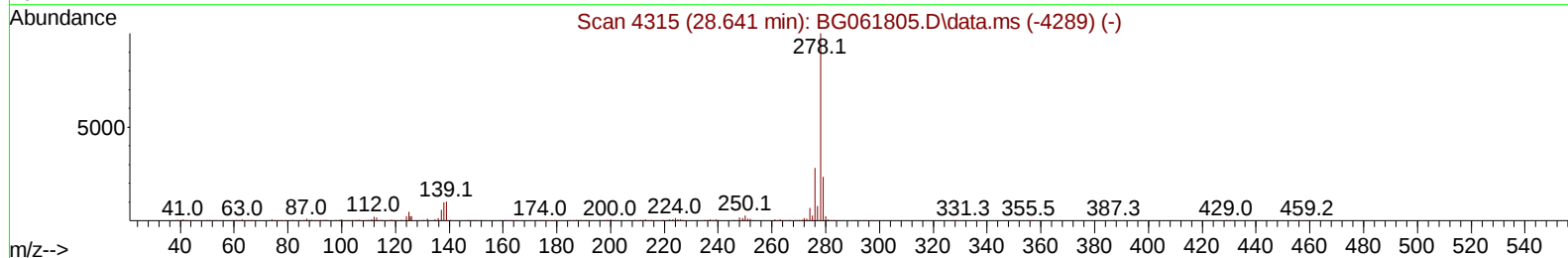
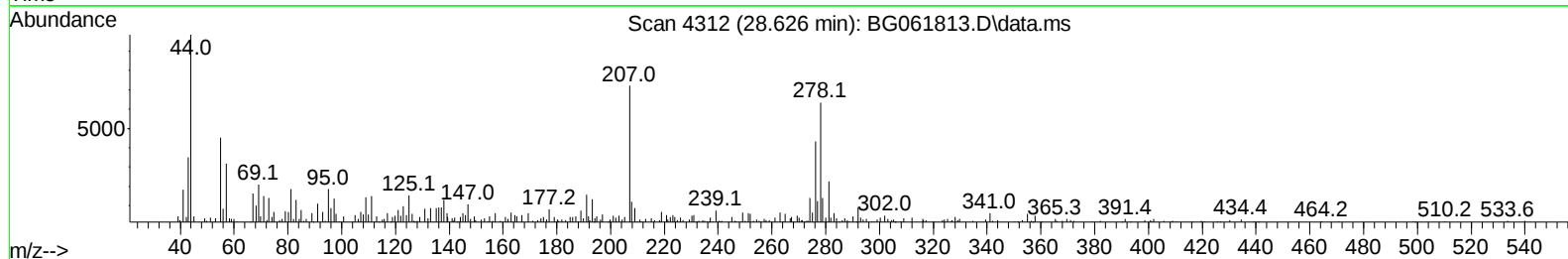
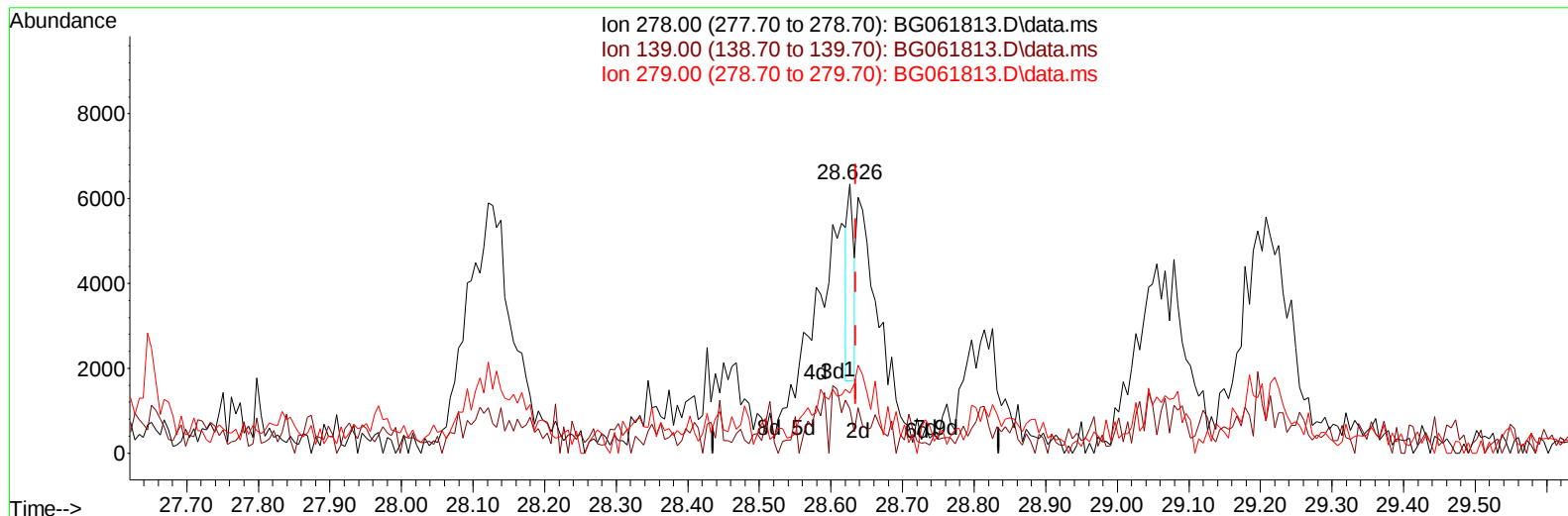
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 03 09:13:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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TIC: BG061813.D\data.ms

(95) Dibenzo(a,h)anthracene

28.626min (-0.009) 0.12 ng/u1

response 2652

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	16.38#
279.00	23.30	22.33
0.00	0.00	0.00

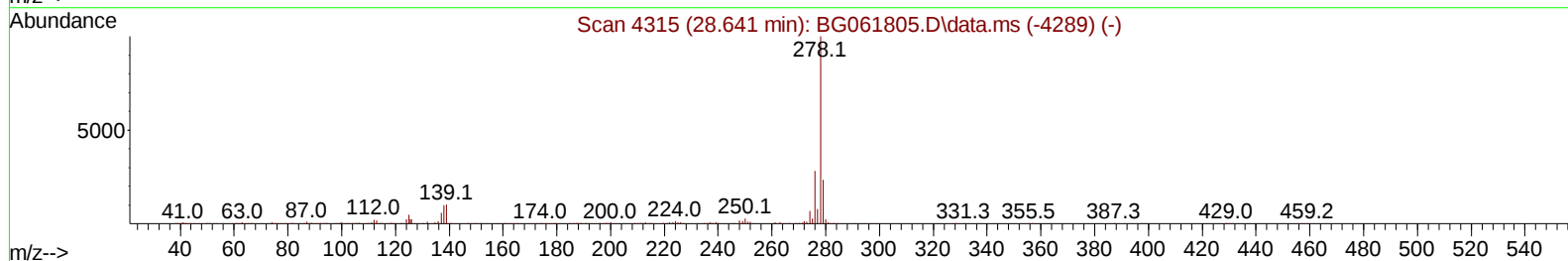
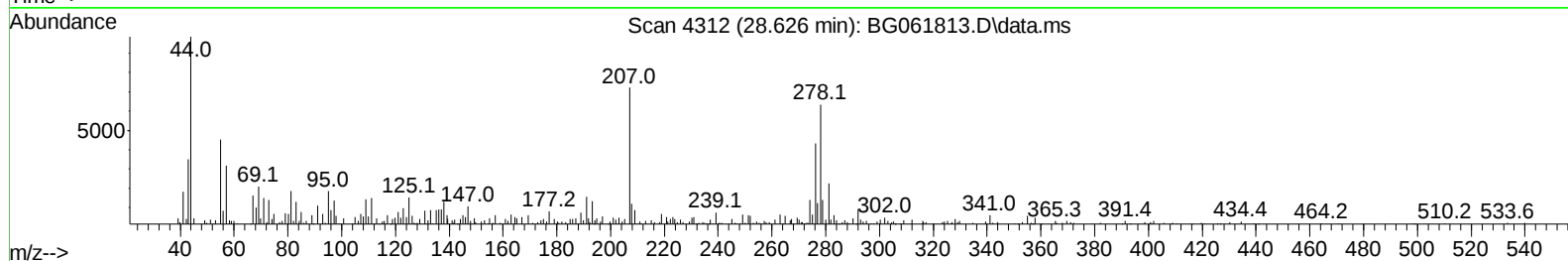
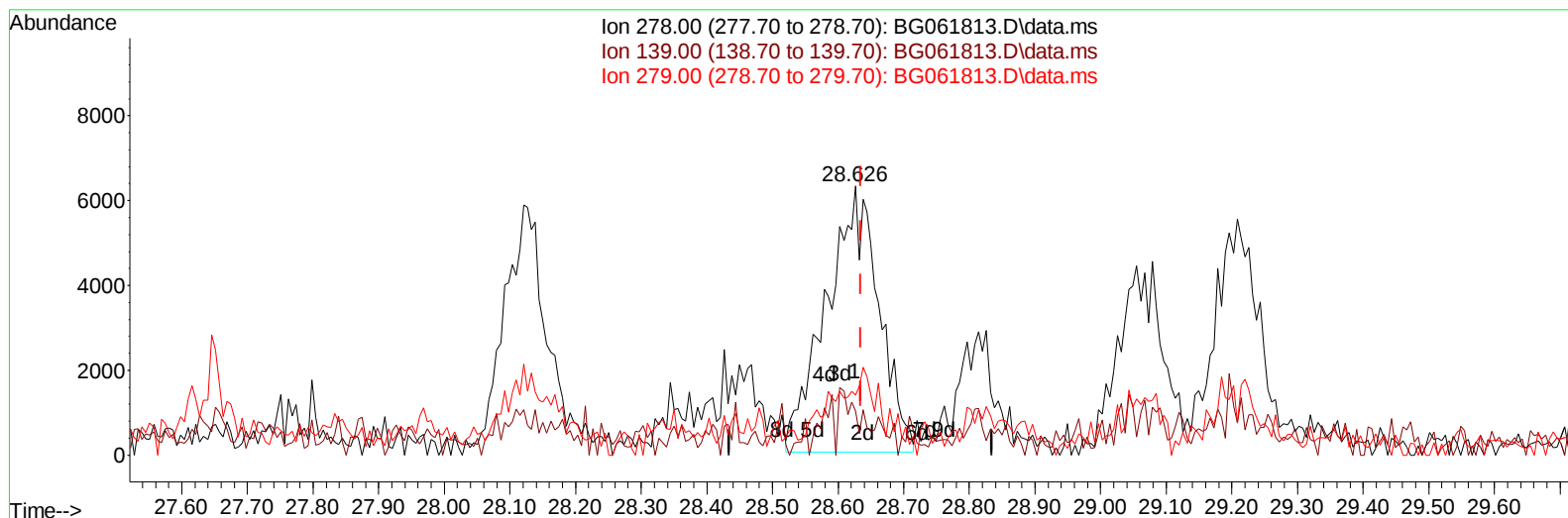
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:17:20 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG061813.D\data.ms

(95) Dibenzo(a,h)anthracene

28.626min (-0.009) 1.54 ng/u1 m

response 34950

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	9.73
279.00	23.30	22.33
0.00	0.00	0.00

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 Acq On : 1 Jul 2024 15:26
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CJ1

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	63072	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	294729	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.684	164	192704	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	428347	20.000	ng/ul	0.00
79) Chrysene-d12	21.693	240	321440	20.000	ng/ul	# 0.00
88) Perylene-d12	24.907	264	379070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	6998	4.008	ng/uL	0.00
4) Pyridine-d5	3.885	84	13463	2.550	ng/ul	0.01
7) Phenol-d5	7.204	99	144605	21.119	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	96382	22.581	ng/ul	0.00
11) 2-Chlorophenol-d4	7.586	132	109867	23.383	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	93262	17.619	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	55350	27.658	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	59596	29.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	114237	23.803	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	62112	8.548	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	357197	24.087	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	402314	24.755	ng/ul	0.00
54) 4-Nitrophenol-d4	14.866	143	52090	20.453	ng/ul	0.00
60) Fluorene-d10	15.677	176	319519	24.612	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.783	200	29770	16.253	ng/ul	0.00
73) Anthracene-d10	17.528	188	475551	24.322	ng/ul	0.00
81) Pyrene-d10	19.807	212	468018	26.066	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.690	264	338476	18.695	ng/ul	0.00
Target Compounds						
						Qvalue
72) Phenanthrene	17.469	178	171035	7.590	ng/ul	98
74) Anthracene	17.563	178	27159	1.179	ng/ul	98
80) Fluoranthene	19.478	202	382354	18.353	ng/ul	98
82) Pyrene	19.837	202	275765	12.449	ng/ul	97
85) Benzo(a)anthracene	21.670	228	154774	6.860	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.582	149	44590	3.761	ng/ul#	90
87) Chrysene	21.740	228	180878	8.472	ng/ul	96
90) Benzo(b)fluoranthene	23.885	252	252808	11.094	ng/ul	96
91) Benzo(k)fluoranthene	23.949	252	84662m	3.613	ng/ul	
93) Benzo(a)pyrene	24.760	252	92721	4.227	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.579	276	101810m	3.724	ng/ul	
95) Dibenzo(a,h)anthracene	28.626	278	34950m	1.538	ng/ul	

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

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