

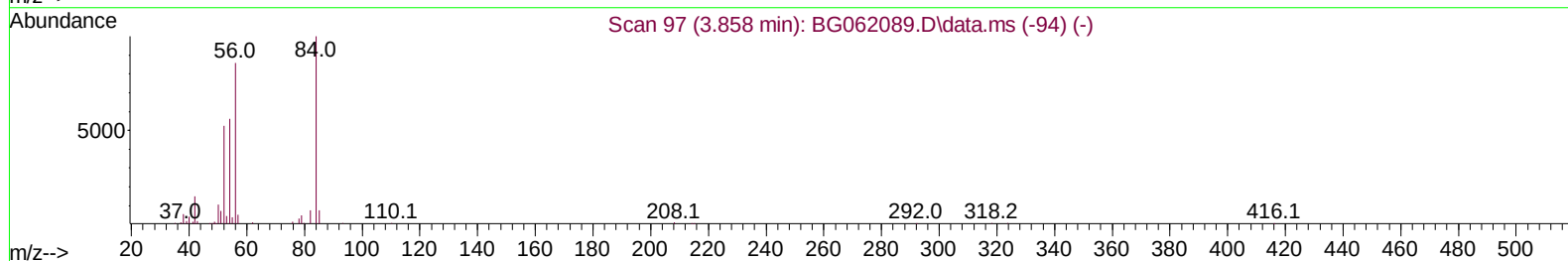
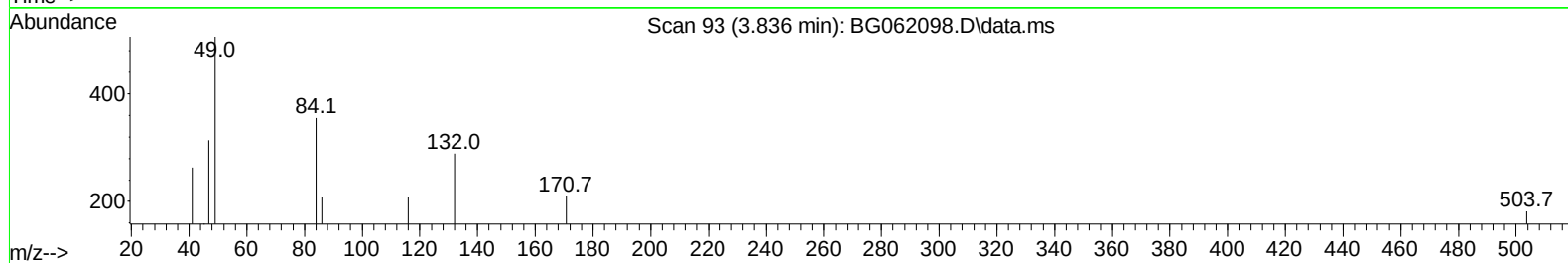
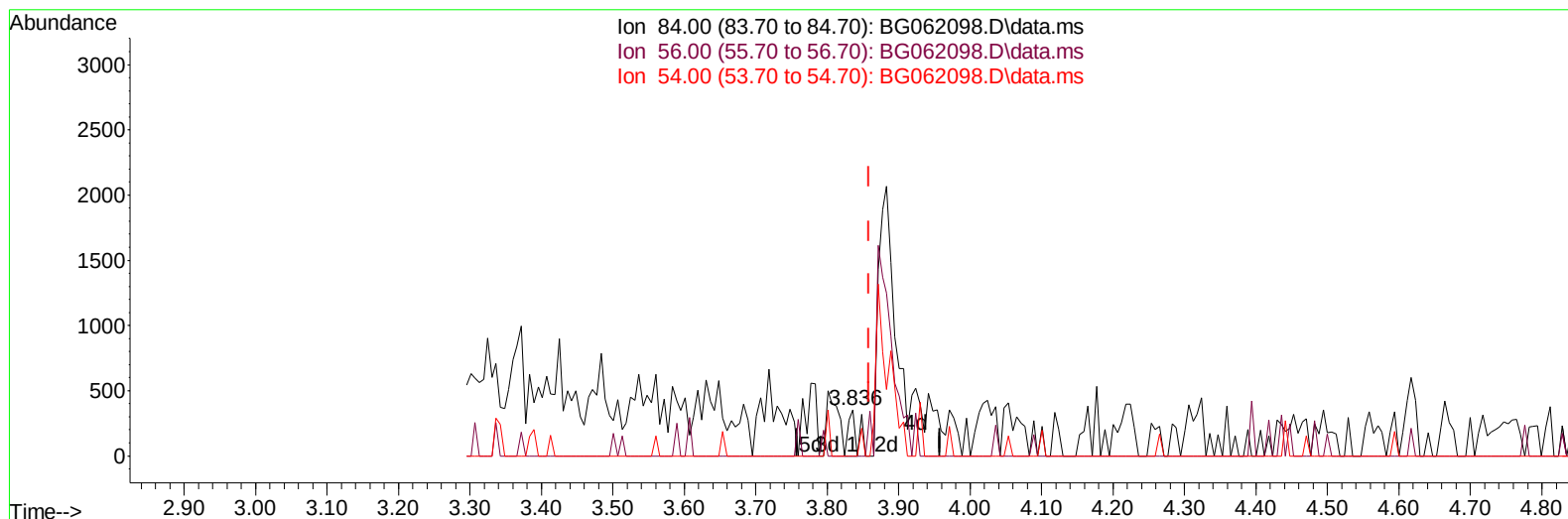
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062098.D
 Acq On : 16 Jul 2024 17:37
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 18:25:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024



TIC: BG062098.D\data.ms

(4) Pyridine-d5 (S)

3.836min (-0.022) 0.05 ng/u1

response 222

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	0.00#
54.00	45.40	0.00#
0.00	0.00	0.00

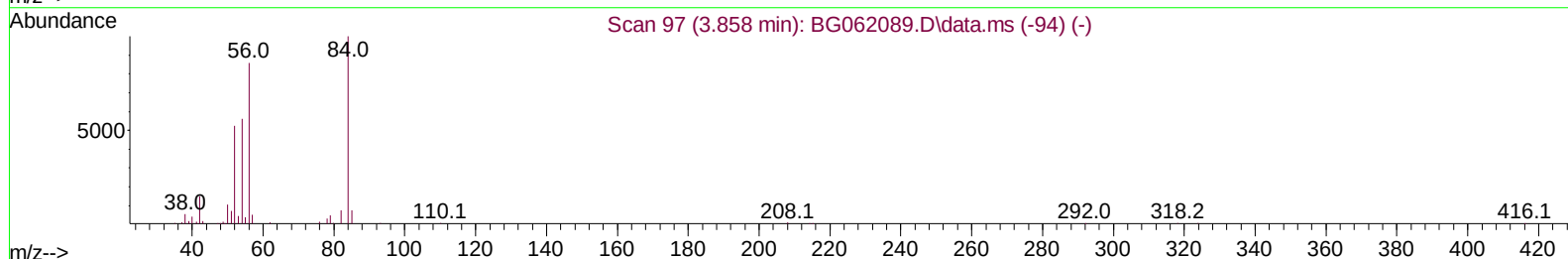
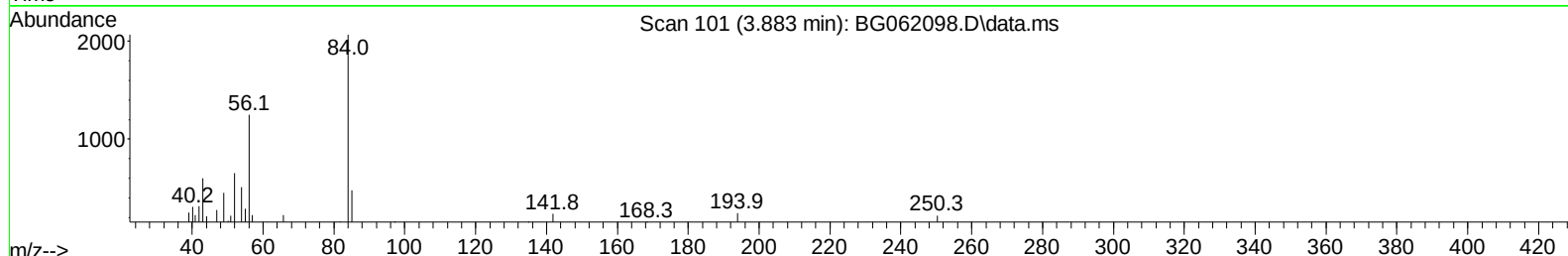
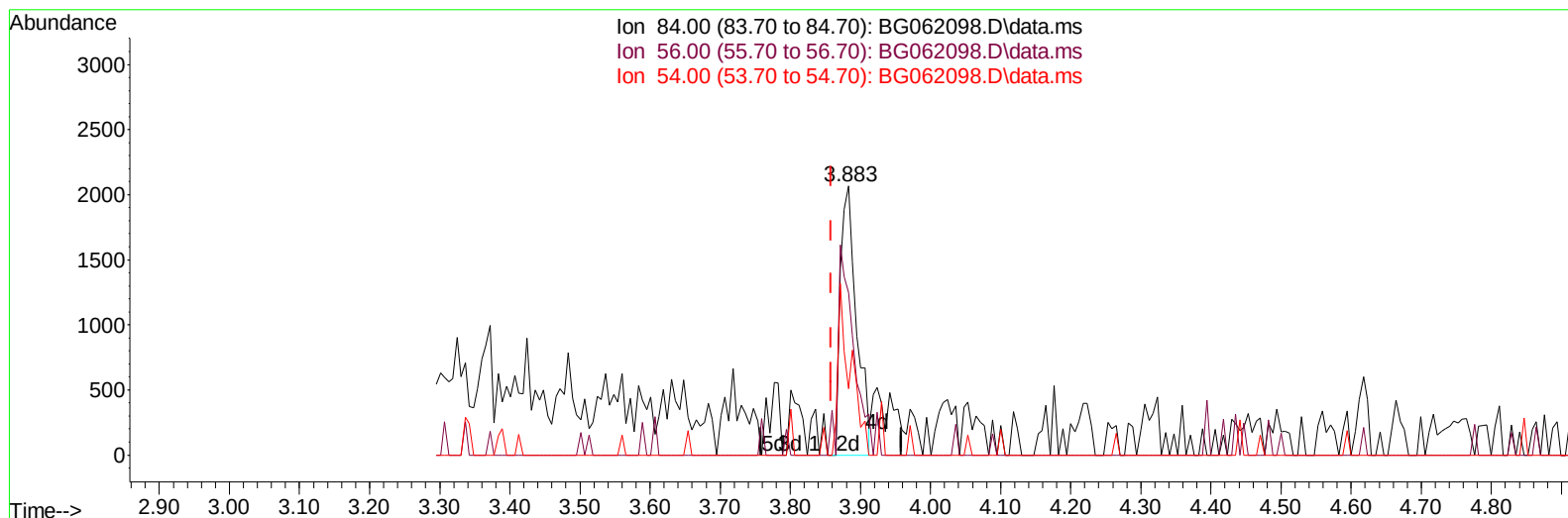
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
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Manual IntegrationsAPPROVED

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TIC: BG062098.D\data.ms

(4) Pyridine-d5 (S)

3.883min (+ 0.025) 0.71 ng/ul m

response 3285

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	60.45#
54.00	45.40	24.54#
0.00	0.00	0.00

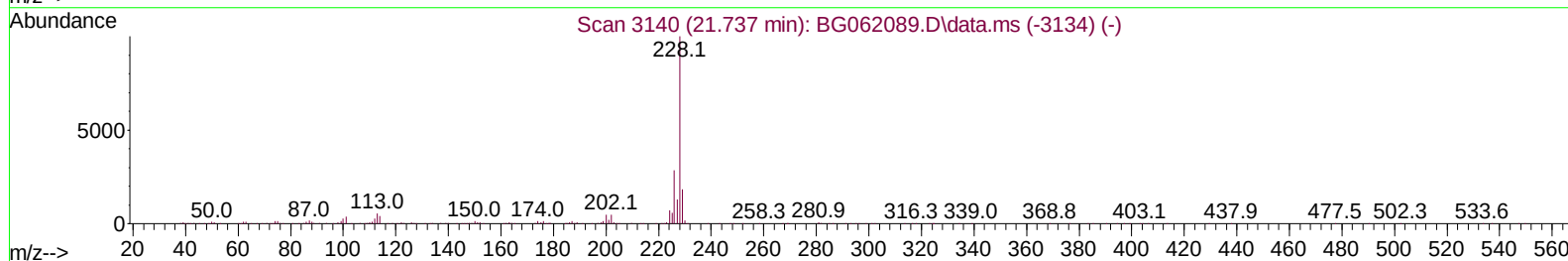
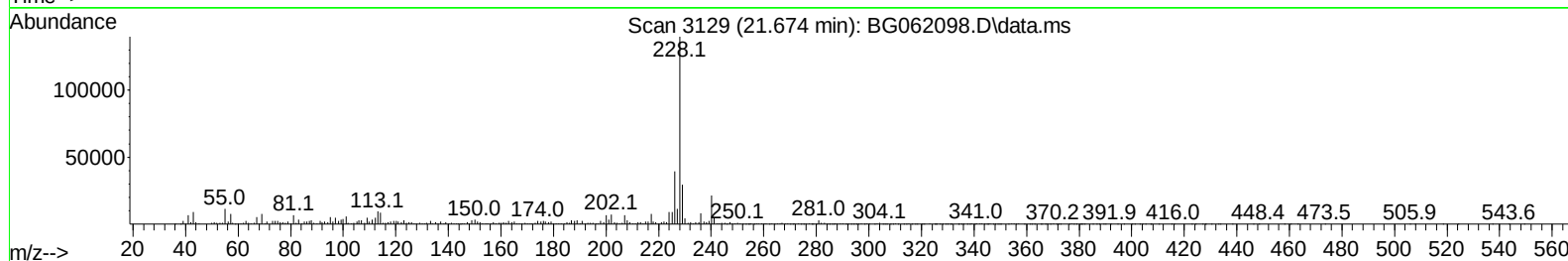
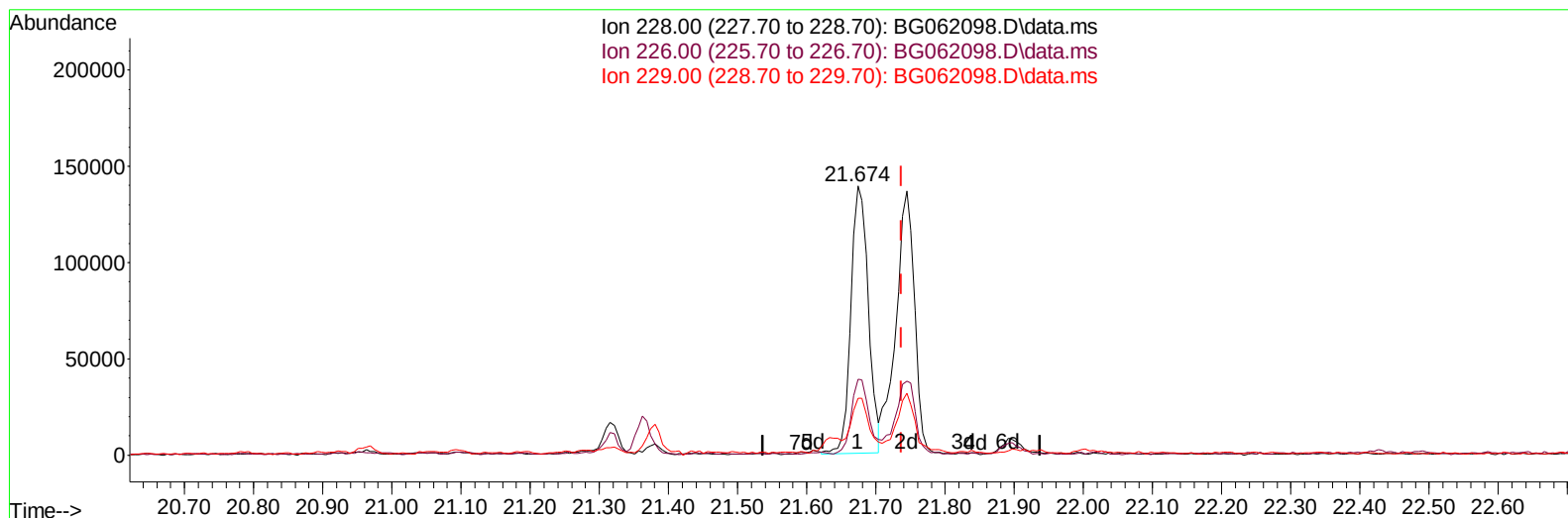
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TIC: BG062098.D\data.ms

(87) Chrysene

21.674min (-0.063) 10.62 ng/u1

response 243267

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	28.21
229.00	19.40	21.19
0.00	0.00	0.00

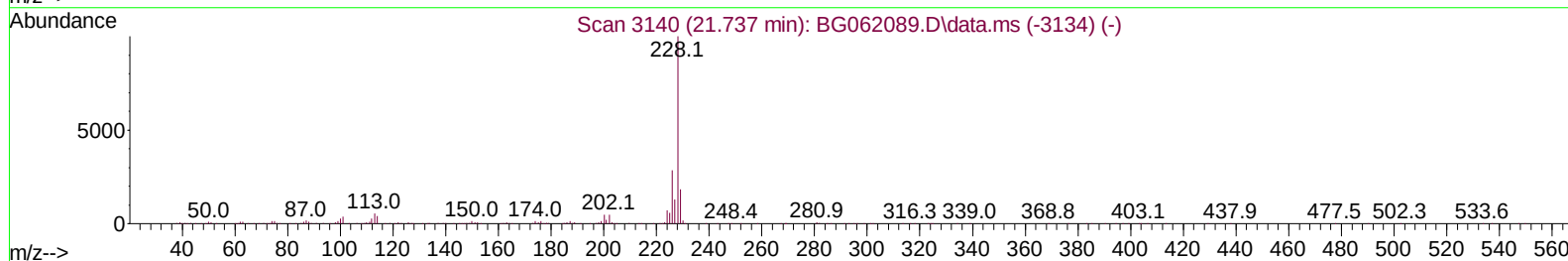
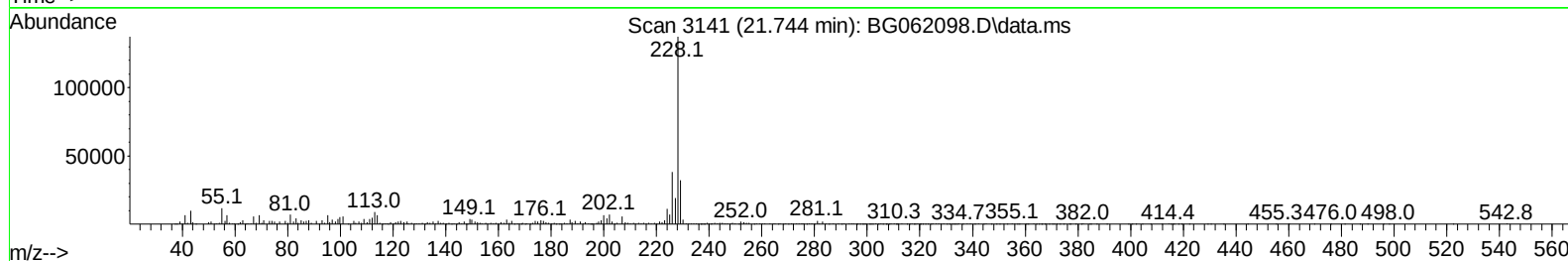
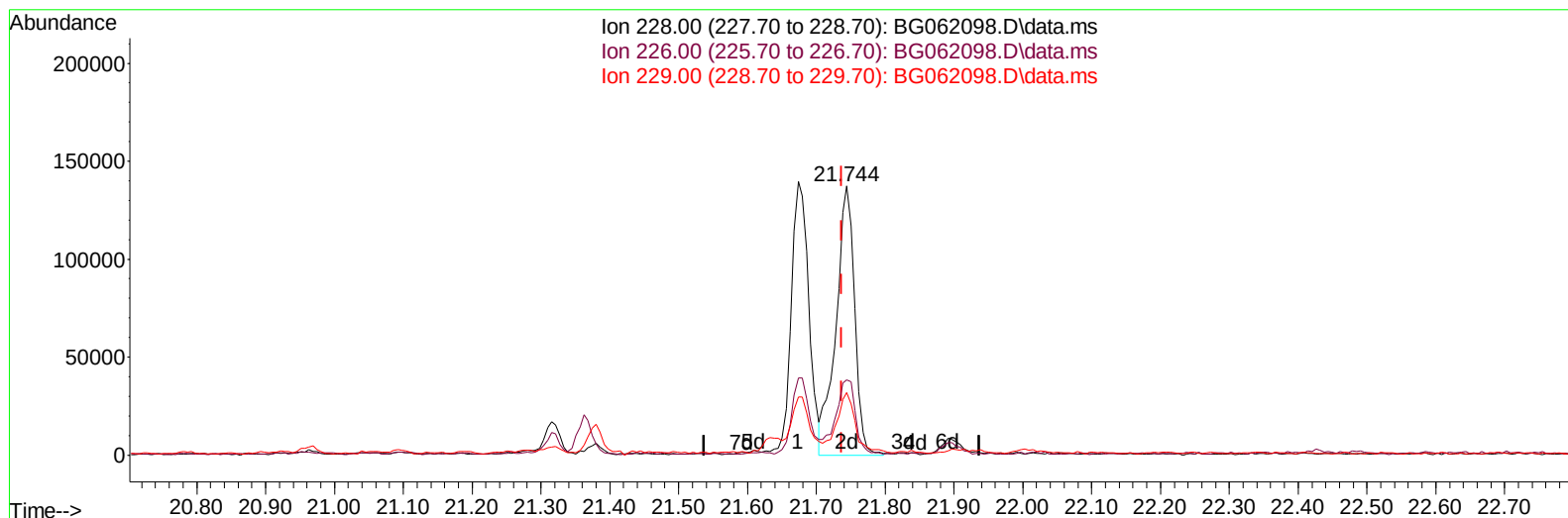
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062098.D\data.ms

(87) Chrysene

21.744min (+ 0.007) 11.35 ng/ul m

response 259784

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	27.95
229.00	19.40	23.34#
0.00	0.00	0.00

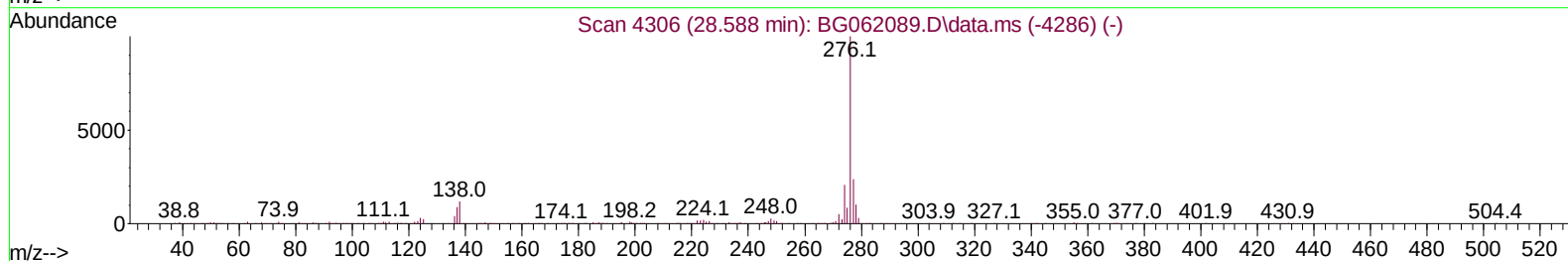
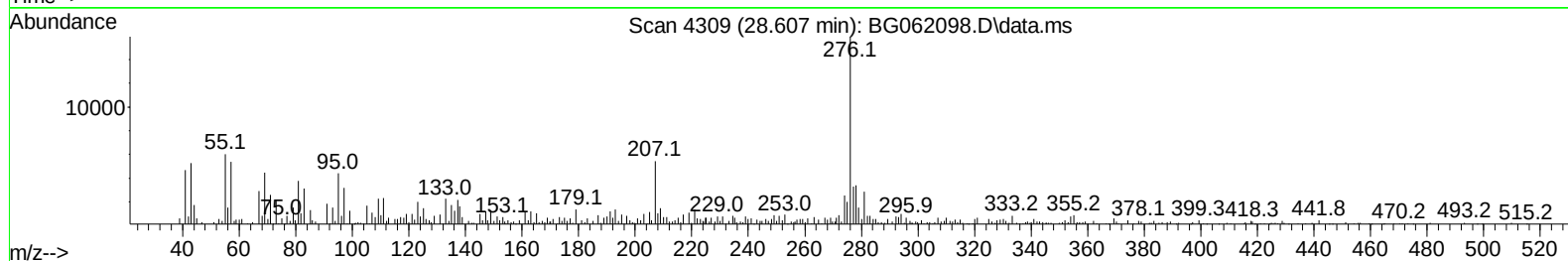
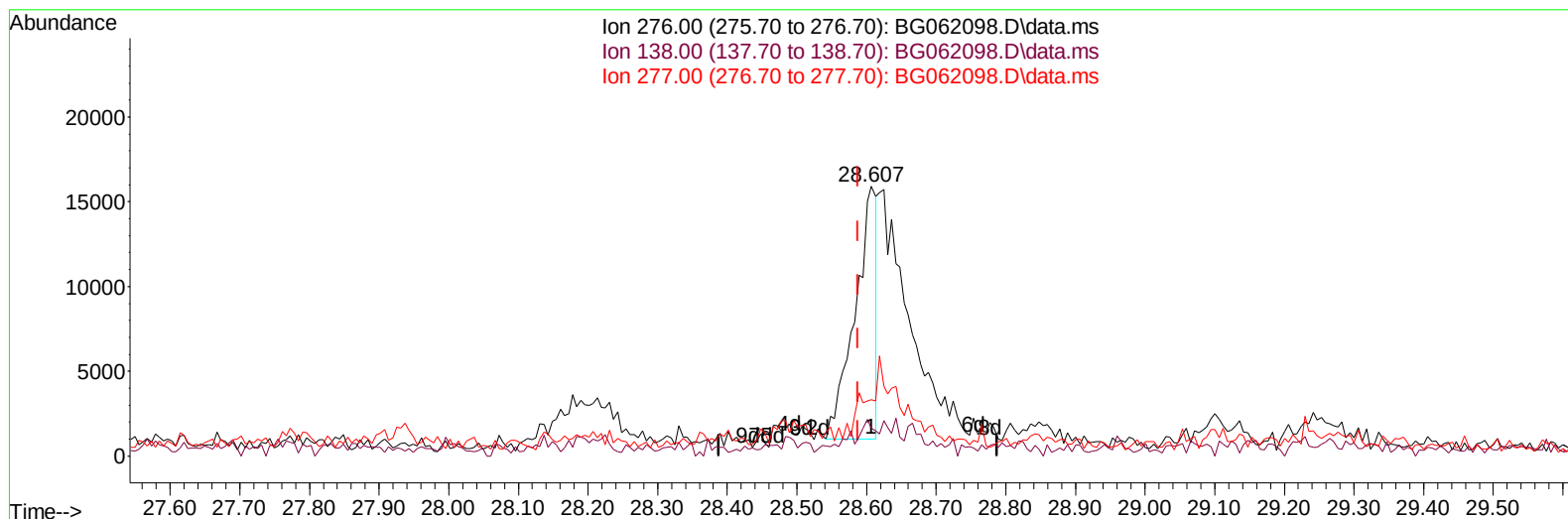
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062098.D
Acq On : 16 Jul 2024 17:37
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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TIC: BG062098.D\data.ms

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

28.607min (+ 0.019) 1.01 ng/u1

response 31724

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.28#
277.00	24.10	20.85
0.00	0.00	0.00

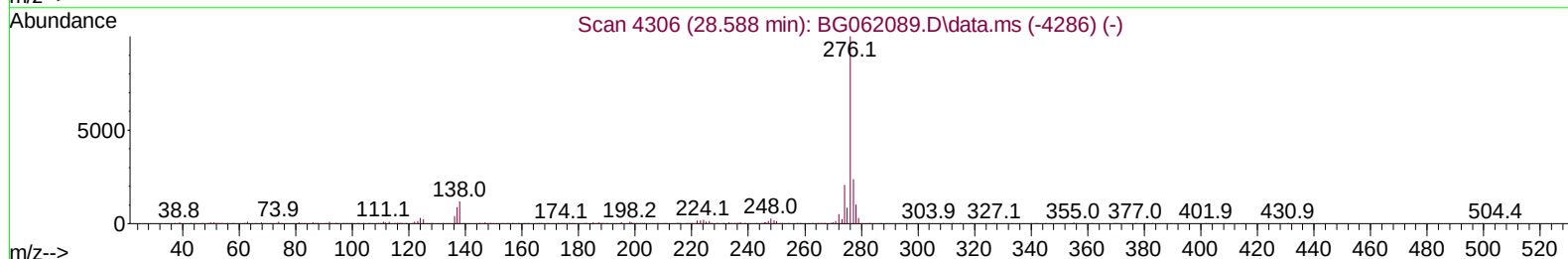
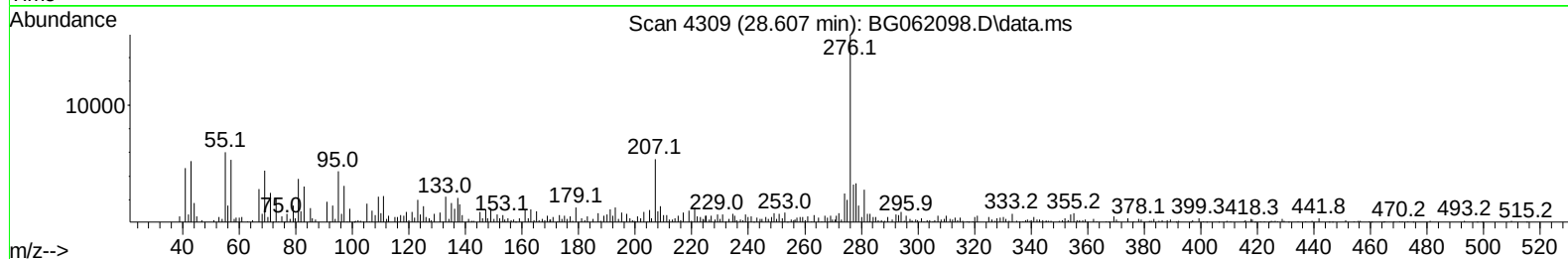
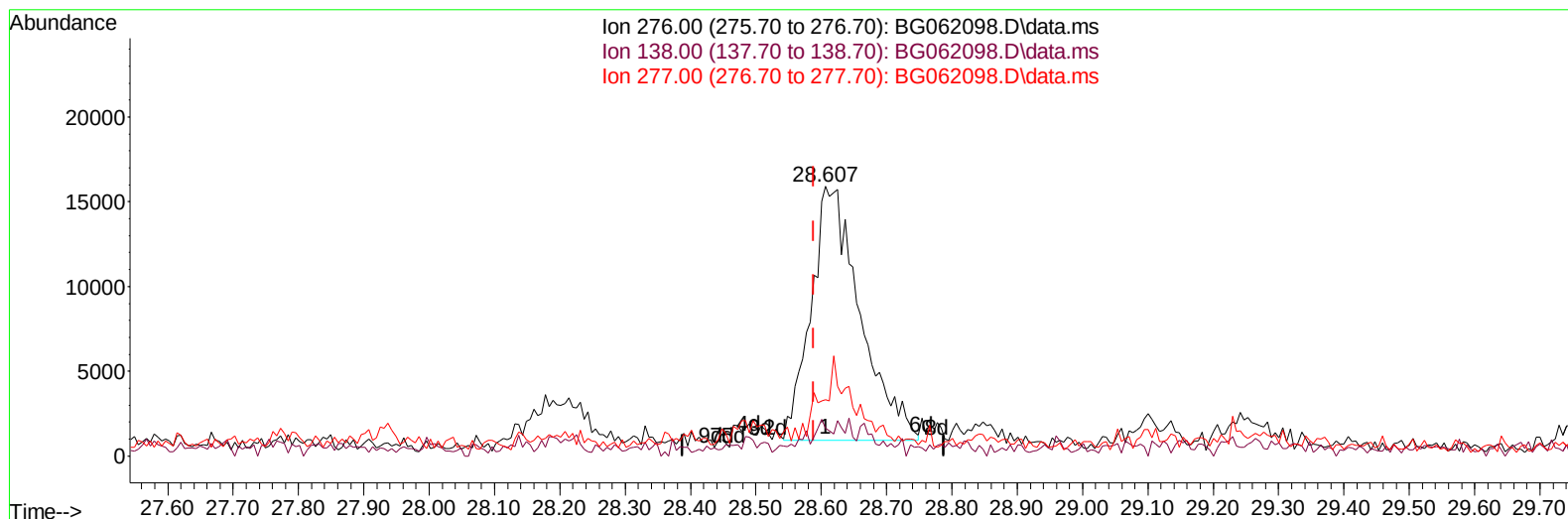
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062098.D
 Acq On : 16 Jul 2024 17:37
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 18:25:40 2024
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TIC: BG062098.D\data.ms

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

28.607min (+ 0.019) 2.48 ng/ul m

response 78090

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.28#
277.00	24.10	20.85
0.00	0.00	0.00

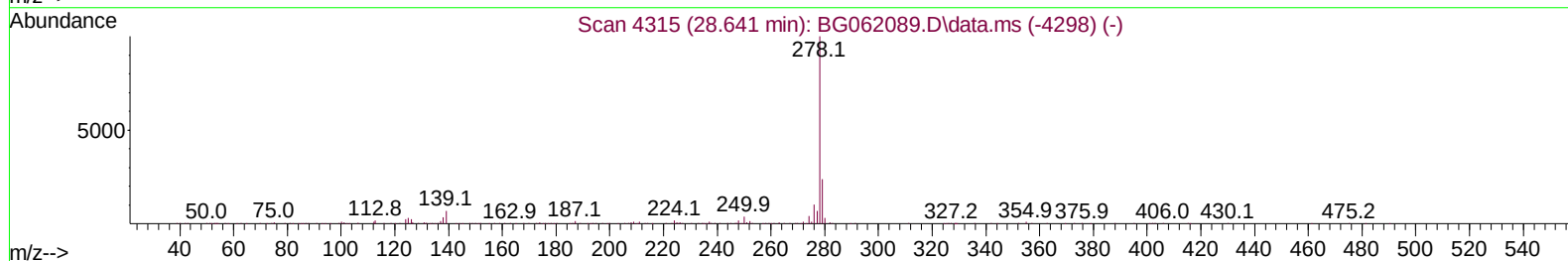
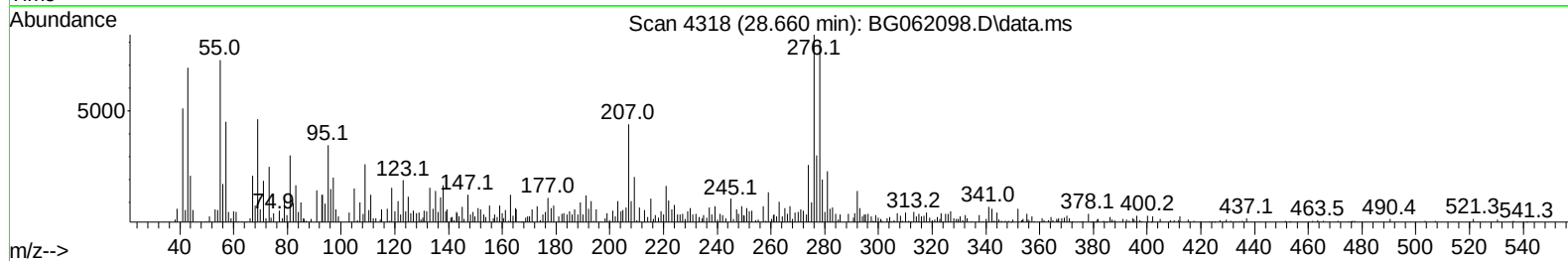
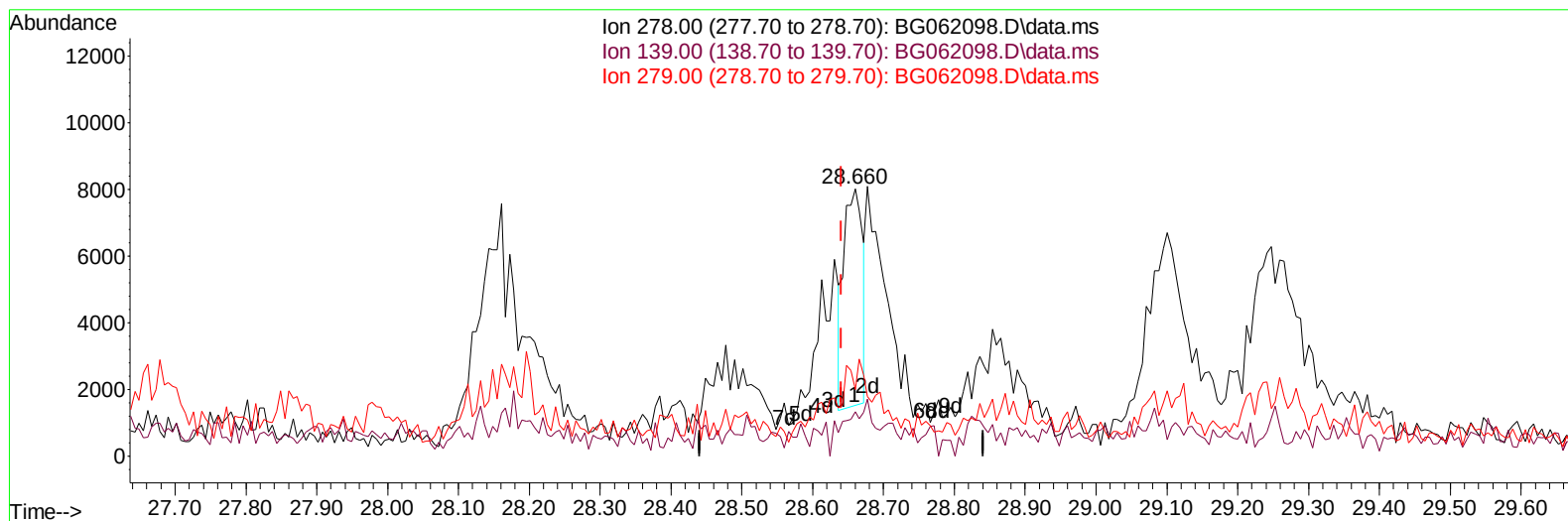
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Data File : BG062098.D
Acq On : 16 Jul 2024 17:37
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

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TIC: BG062098.D\data.ms

(95) Dibenzo(a,h)anthracene

28.660min (+ 0.019) 0.45 ng/u1

response 11764

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	16.56#
279.00	23.50	24.97
0.00	0.00	0.00

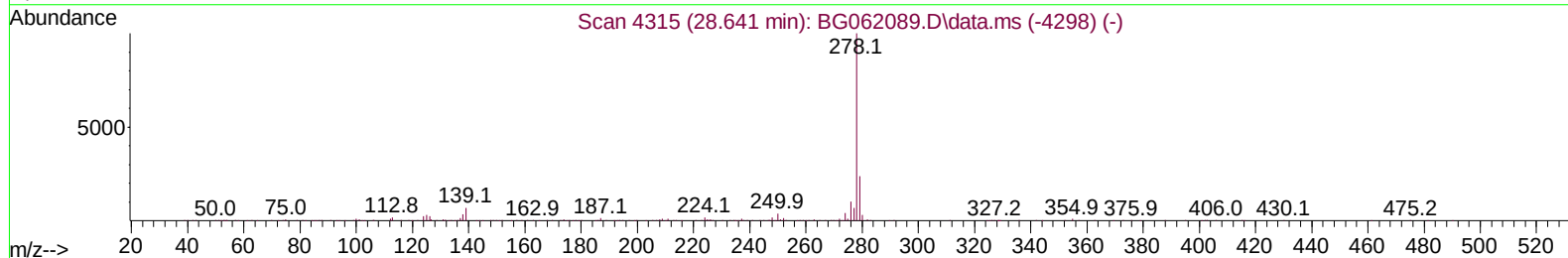
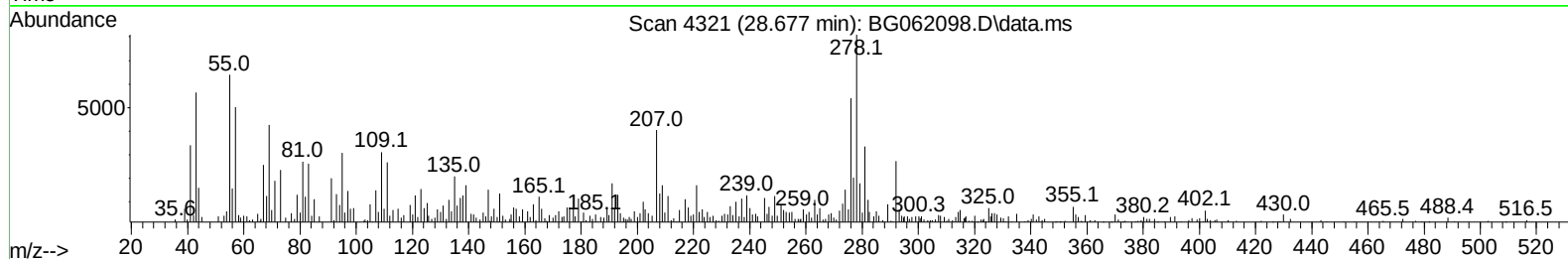
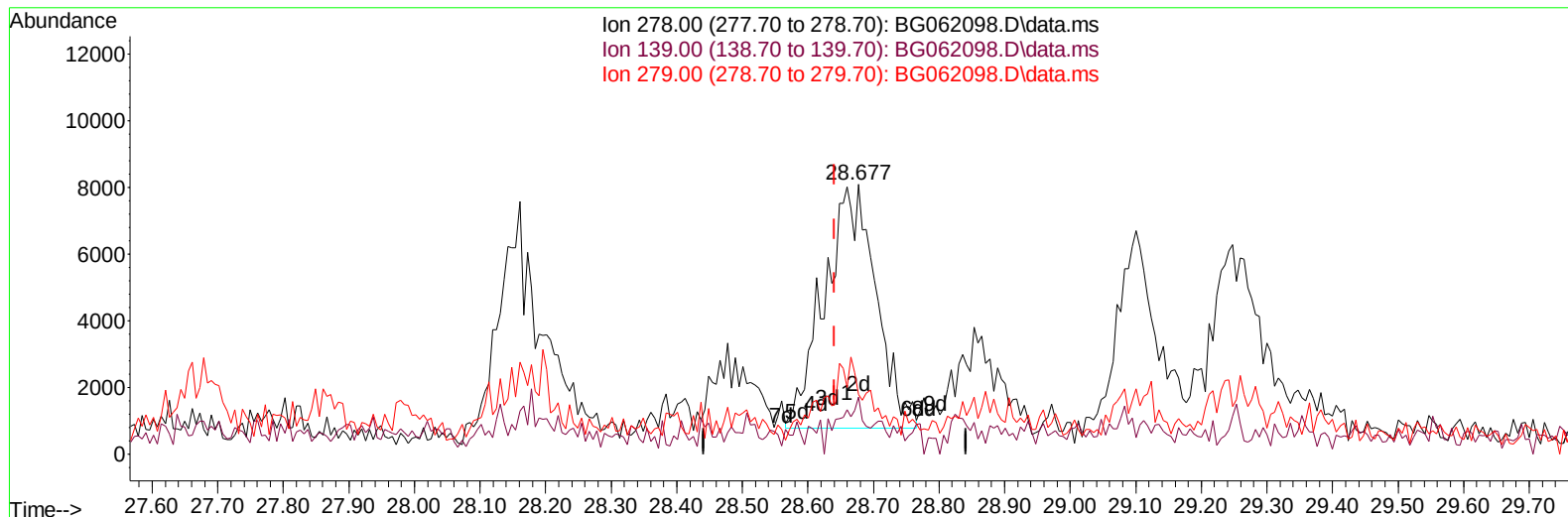
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062098.D
Acq On : 16 Jul 2024 17:37
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 18:25:40 2024
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TIC: BG062098.D\data.ms

(95) Dibenzo(a,h)anthracene

28.677min (+ 0.036) 1.53 ng/ul m

response 39732

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	21.04#
279.00	23.50	22.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062098.D
 Acq On : 16 Jul 2024 17:37
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 16 18:31:18 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152		56475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136		271980	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.688	164		172706	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.432	188		399009	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.697	240		337815	20.000	ng/ul	# 0.00
88) Perylene-d12	24.935	264		412599	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.442	96		2341	1.558	ng/uL	0.00
4) Pyridine-d5	3.883	84		3285m	0.711	ng/ul	0.02
7) Phenol-d5	7.226	99		61287	9.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.373	67		34339	8.774	ng/ul	0.00
11) 2-Chlorophenol-d4	7.590	132		53835	12.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.777	113		55186	11.341	ng/ul	0.01
21) Nitrobenzene-d5	9.218	128		28049	13.560	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143		36055	15.263	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165		67871	14.896	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131		33765	5.104	ng/ul	0.00
46) Dimethylphthalate-d6	14.083	166		220710	15.544	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160		239829	16.153	ng/ul	0.00
54) 4-Nitrophenol-d4	14.911	143		21350	9.416	ng/ul	0.00
60) Fluorene-d10	15.675	176		164329	13.748	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200		21765	10.386	ng/ul	0.00
73) Anthracene-d10	17.532	188		276823	14.860	ng/ul	0.00
81) Pyrene-d10	19.817	212		183462	9.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264		147122	7.190	ng/ul	0.01
Target Compounds							
						Qvalue	
30) Naphthalene	10.922	128		15881	1.063	ng/ul#	90
52) Acenaphthene	14.753	153		29451	2.617	ng/ul	90
56) Dibenzofuran	15.082	168		23485	1.477	ng/ul	88
61) Fluorene	15.734	166		26476	1.958	ng/ul	97
72) Phenanthrene	17.479	178		510795	24.279	ng/ul	100
74) Anthracene	17.567	178		73419	3.377	ng/ul	96
77) Carbazole	17.837	167		35329	1.931	ng/ul#	94
80) Fluoranthene	19.482	202		659252	28.035	ng/ul#	93
82) Pyrene	19.847	202		276331	11.376	ng/ul#	93
85) Benzo(a)anthracene	21.674	228		245392	10.033	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.562	149		56177	3.840	ng/ul	96
87) Chrysene	21.744	228		259784m	11.346	ng/ul	
90) Benzo(b)fluoranthene	23.907	252		349862	13.459	ng/ul	98
91) Benzo(k)fluoranthene	23.959	252		116857	4.508	ng/ul	95
93) Benzo(a)pyrene	24.776	252		77877	3.164	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.607	276		78090m	2.482	ng/ul	
95) Dibenzo(a,h)anthracene	28.677	278		39732m	1.529	ng/ul	

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

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