

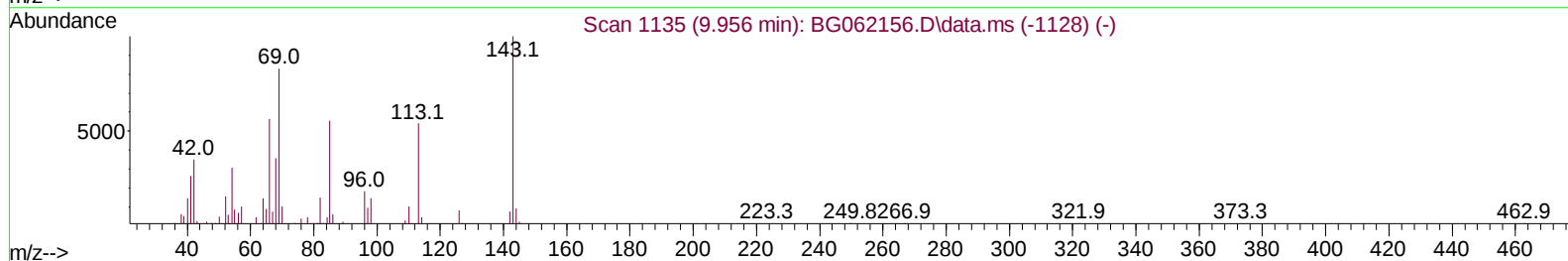
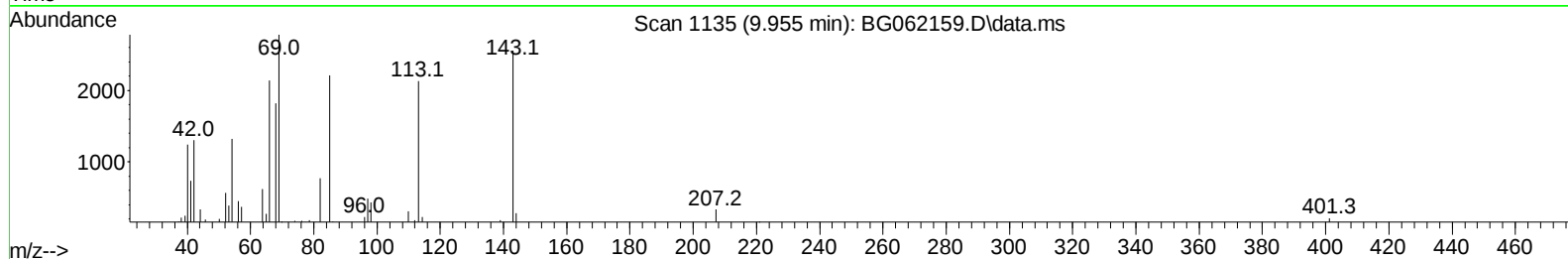
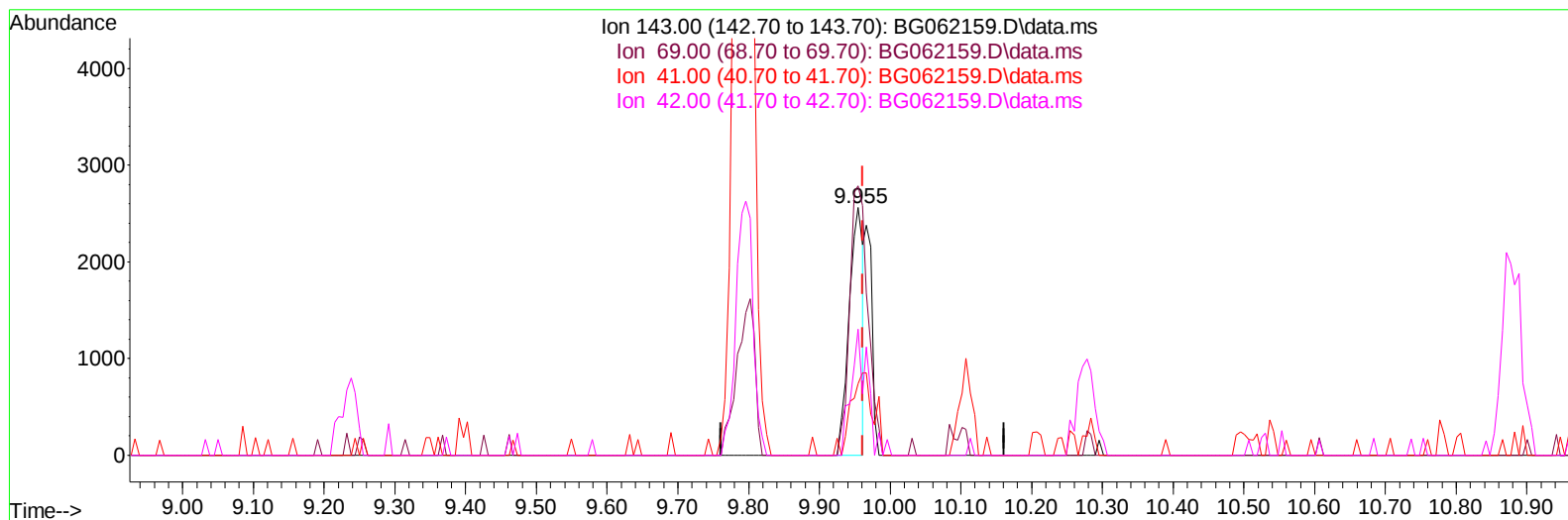
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062159.D
 Acq On : 22 Jul 2024 12:46
 Operator : MA/JU
 Sample : P3201-23DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DM1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 13:18:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062159.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.955min (-0.007) 2.53 ng/u1

response 3453

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	85.20	108.63#
41.00	24.50	28.82
42.00	33.40	50.80#

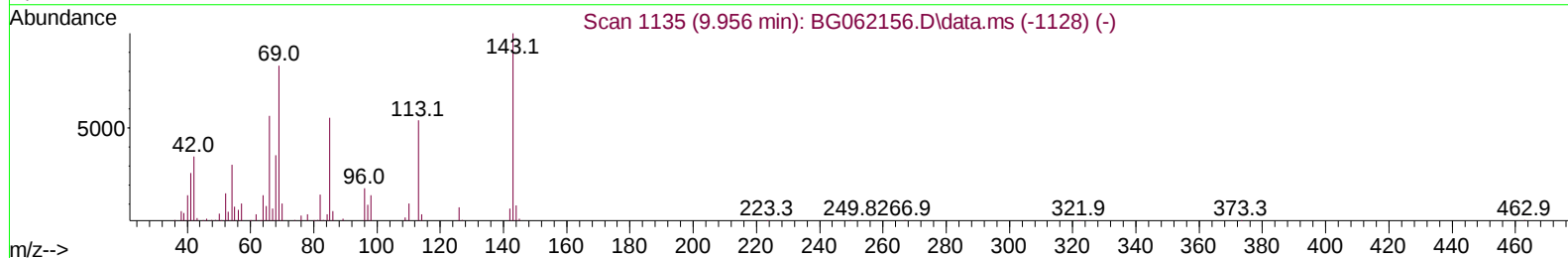
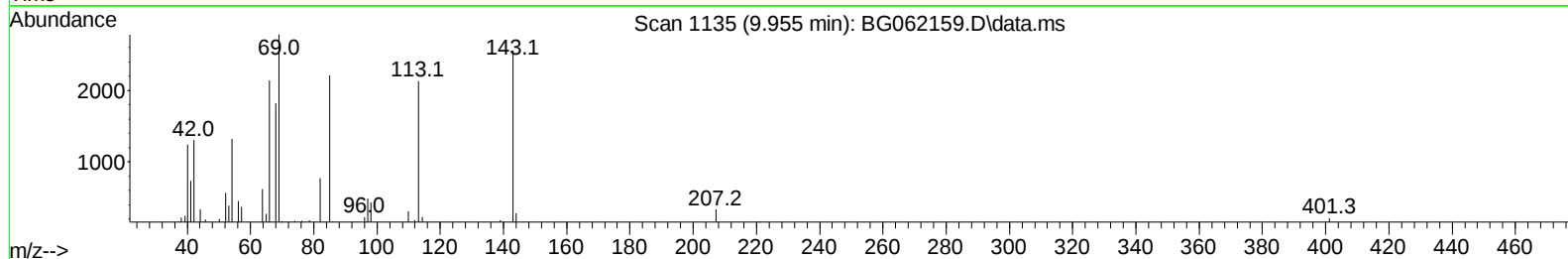
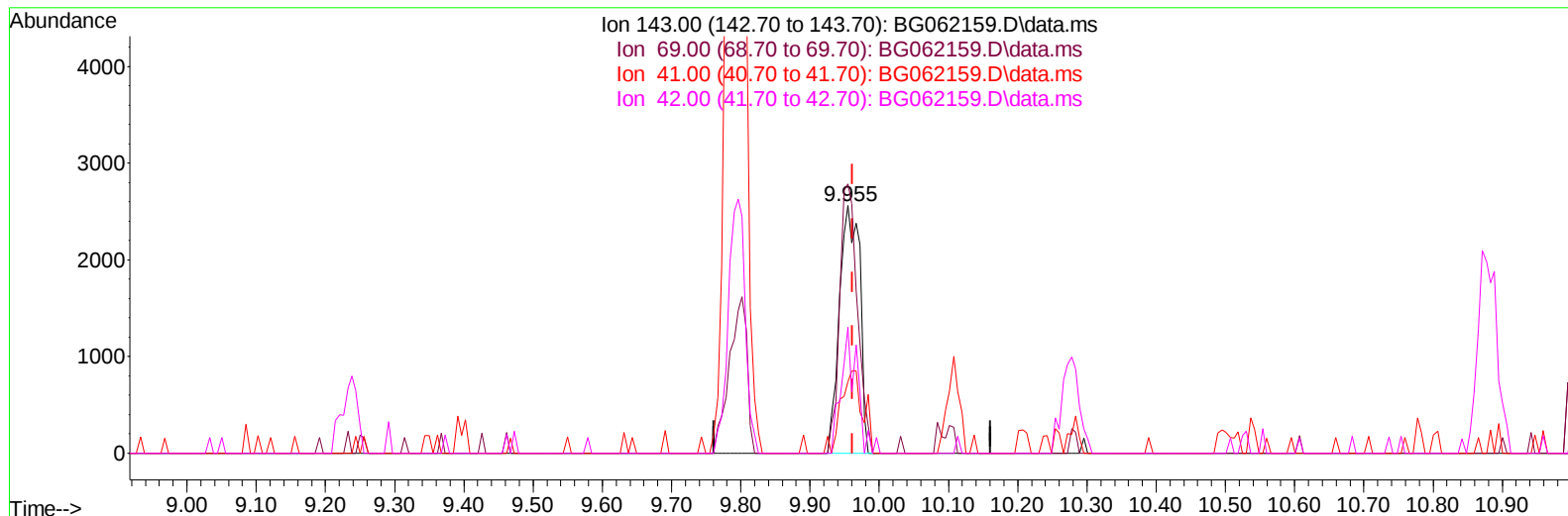
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062159.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.955min (-0.007) 3.80 ng/ul m

response 5184

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	85.20	108.63#
41.00	24.50	28.82
42.00	33.40	50.80#

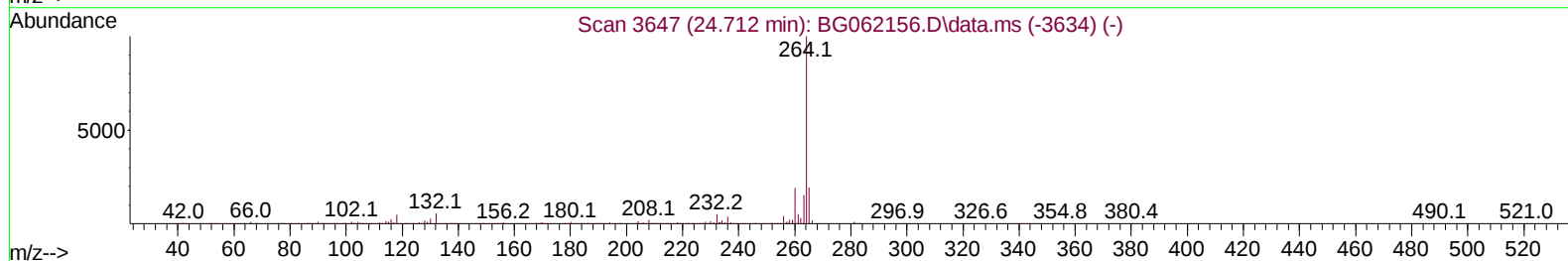
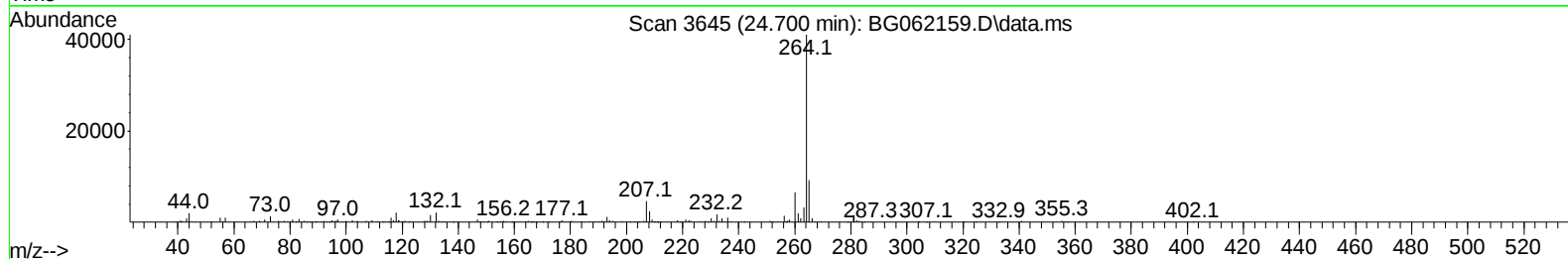
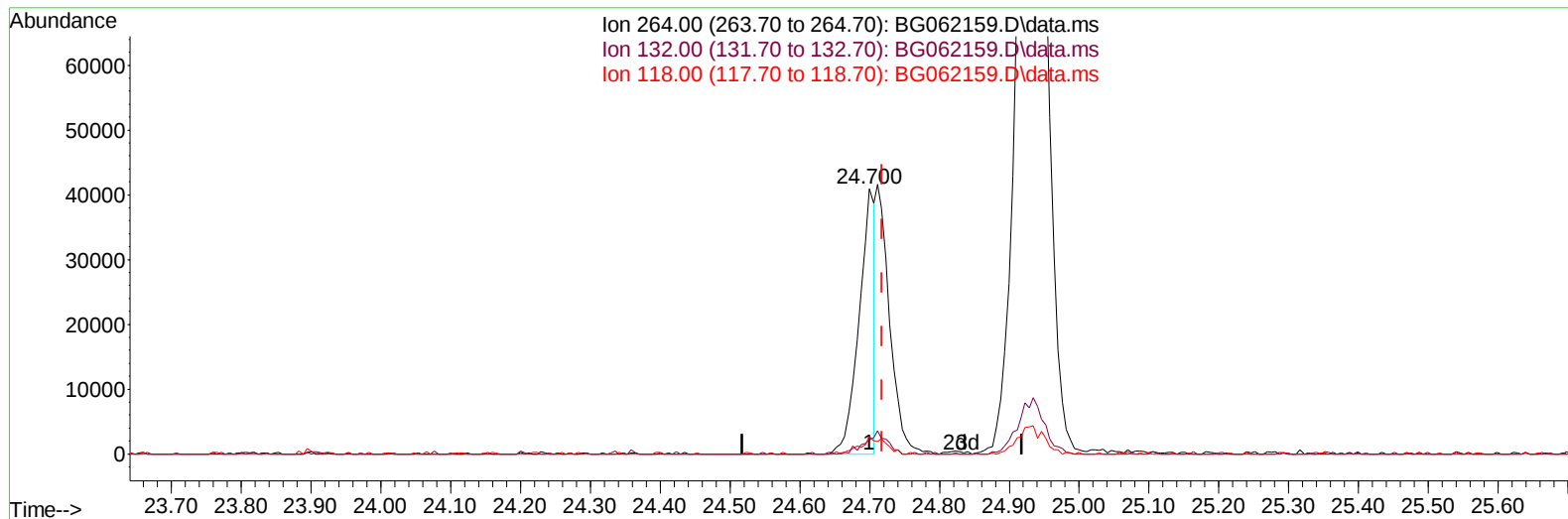
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062159.D\data.ms

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

24.700min (-0.018) 3.33 ng/u1

response 62768

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	6.30	5.49
118.00	4.50	6.72#
0.00	0.00	0.00

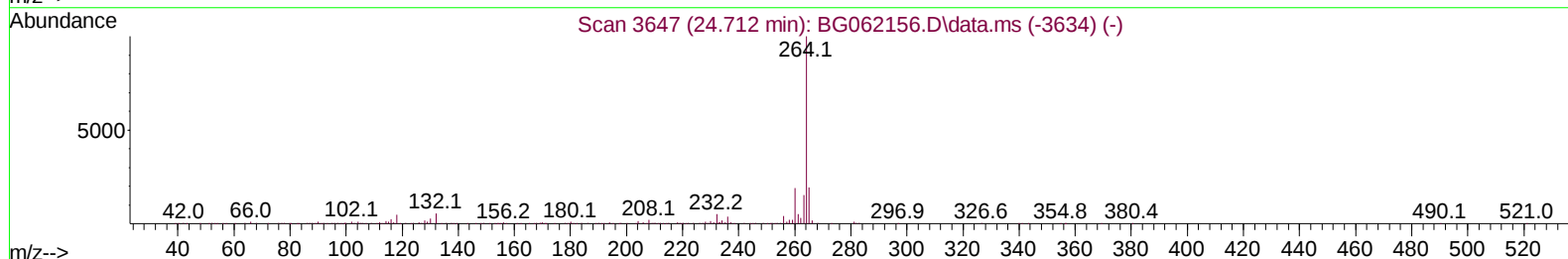
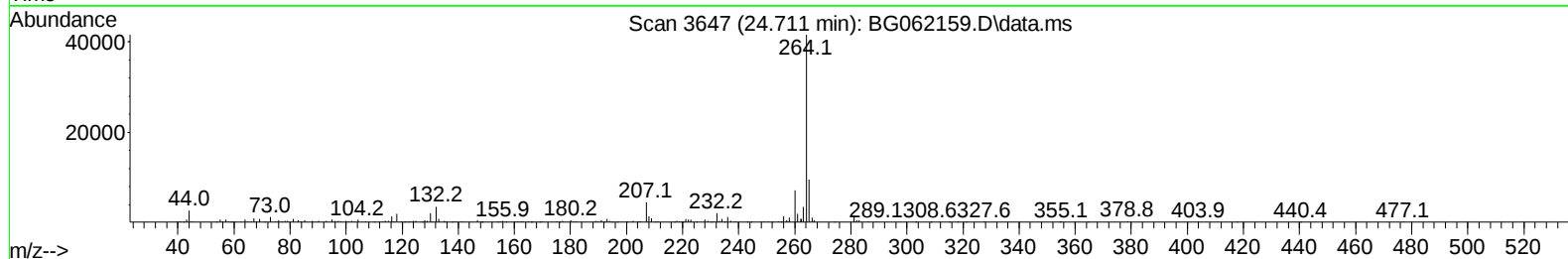
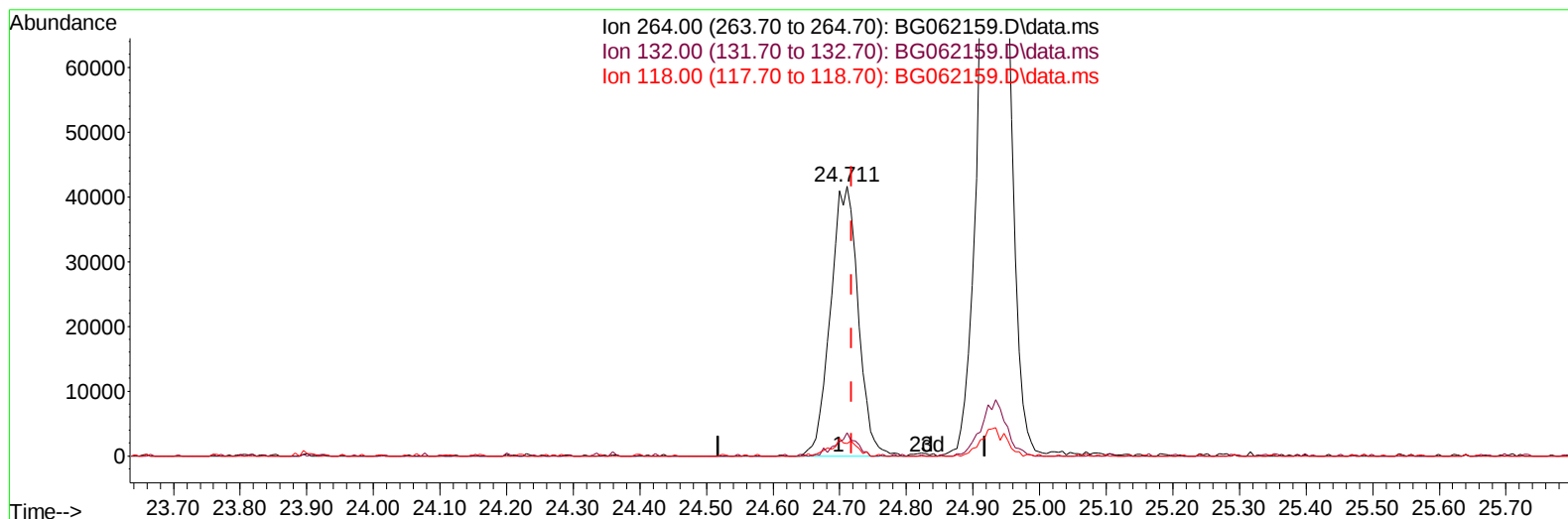
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062159.D\data.ms

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

24.711min (-0.007) 6.36 ng/u1 m

response 119815

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	6.30	8.55#
118.00	4.50	4.73
0.00	0.00	0.00

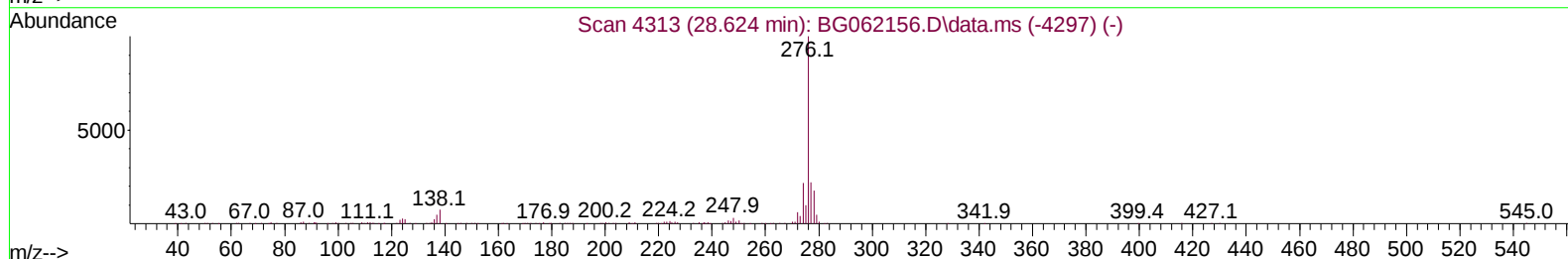
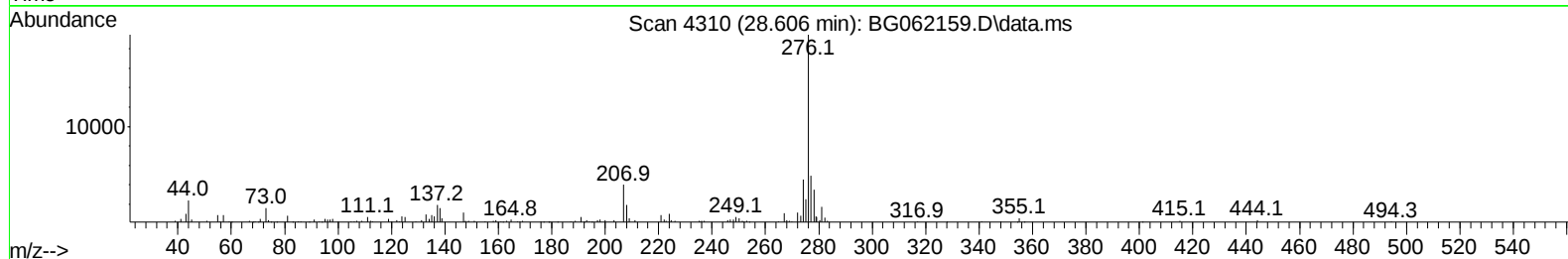
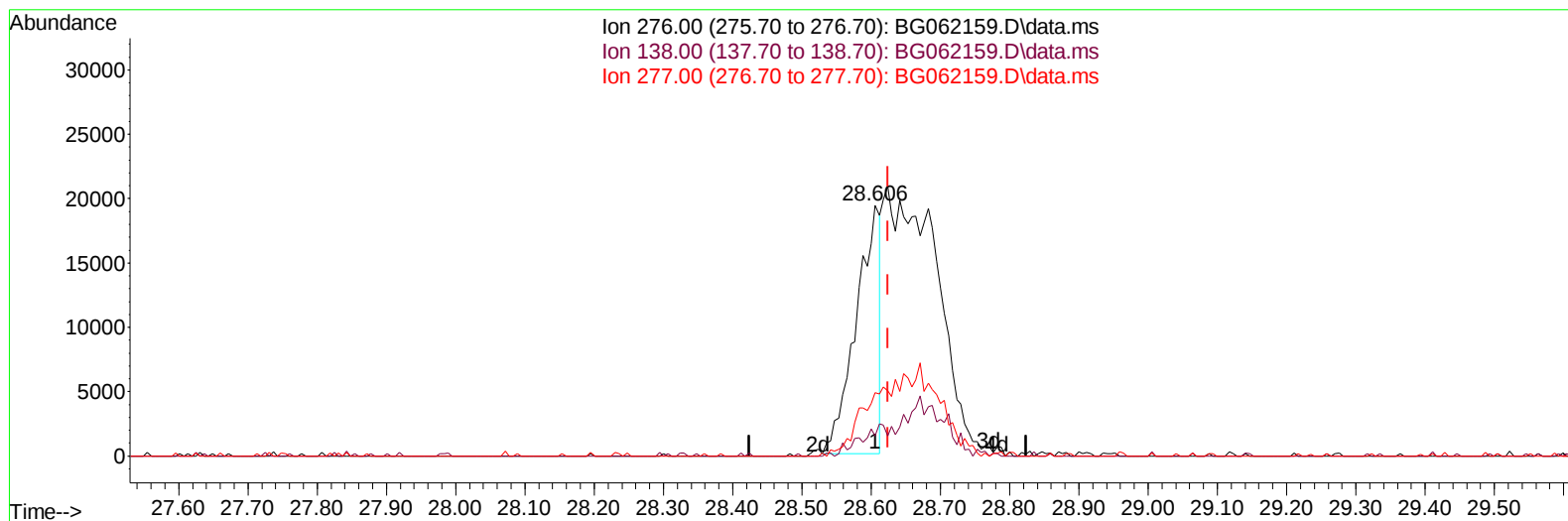
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062159.D\data.ms

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

28.606min (-0.018) 1.85 ng/u1

response 46423

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.03
277.00	21.80	25.18
0.00	0.00	0.00

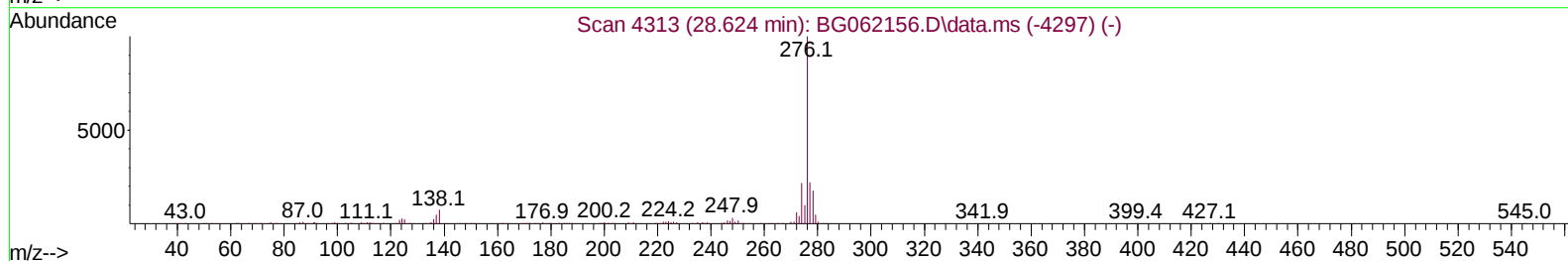
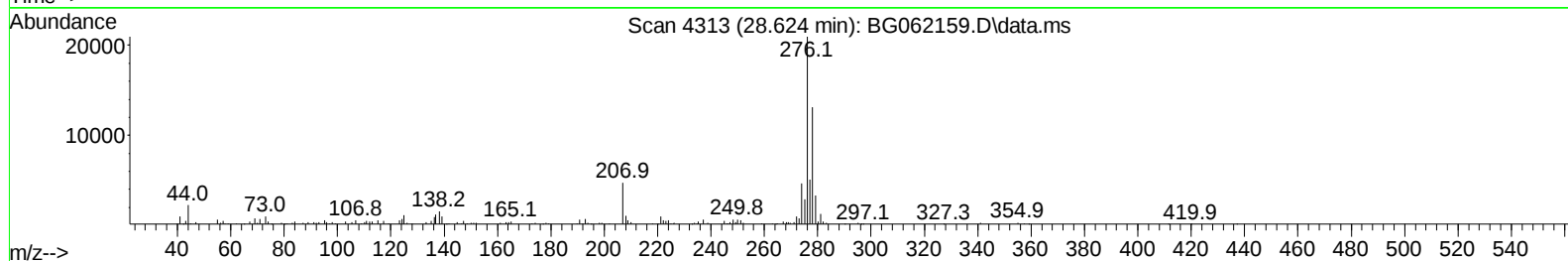
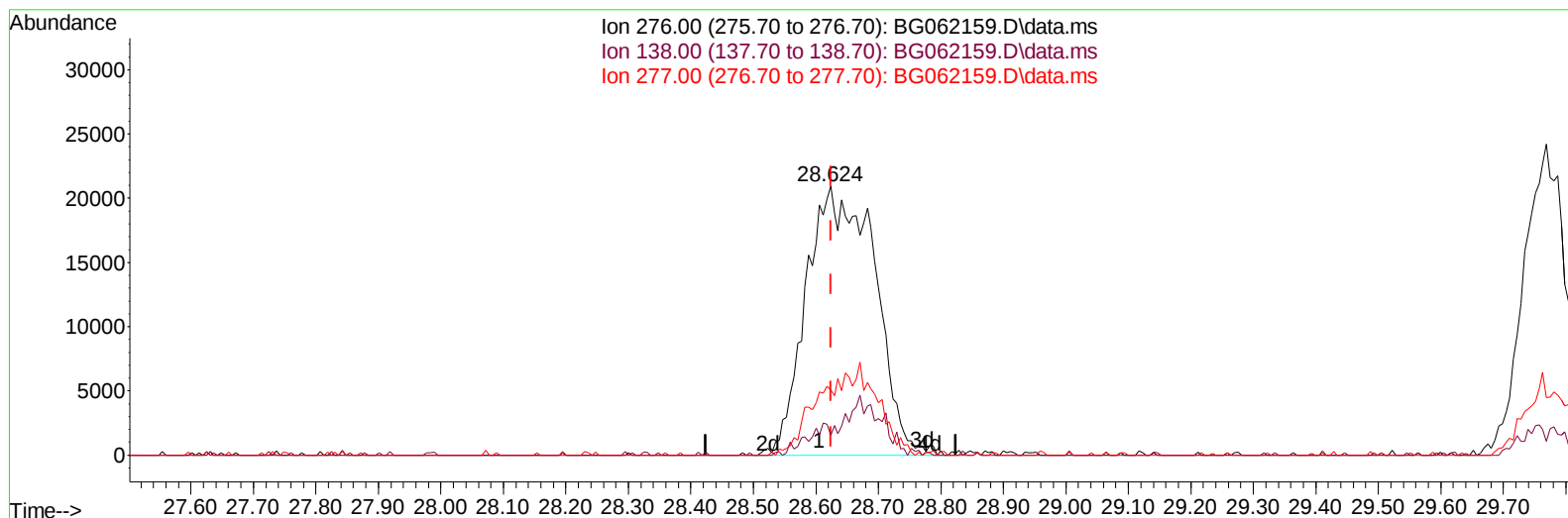
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062159.D
 Acq On : 22 Jul 2024 12:46
 Operator : MA/JU
 Sample : P3201-23DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DM1DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/25/2024



TIC: BG062159.D\data.ms

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

28.624min (-0.001) 6.38 ng/ul m

response 159729

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	7.45
277.00	21.80	24.23
0.00	0.00	0.00

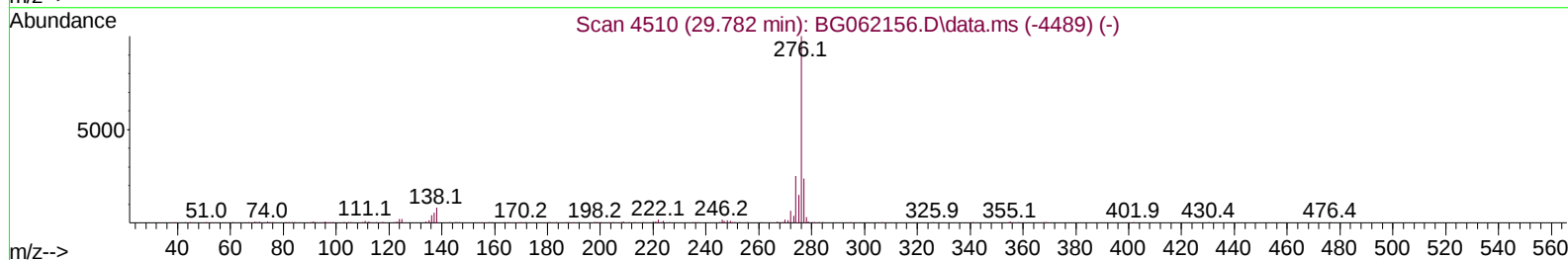
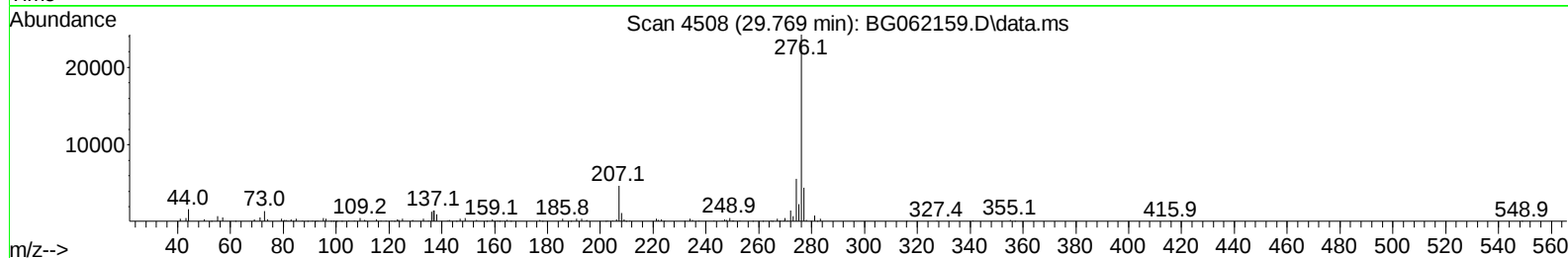
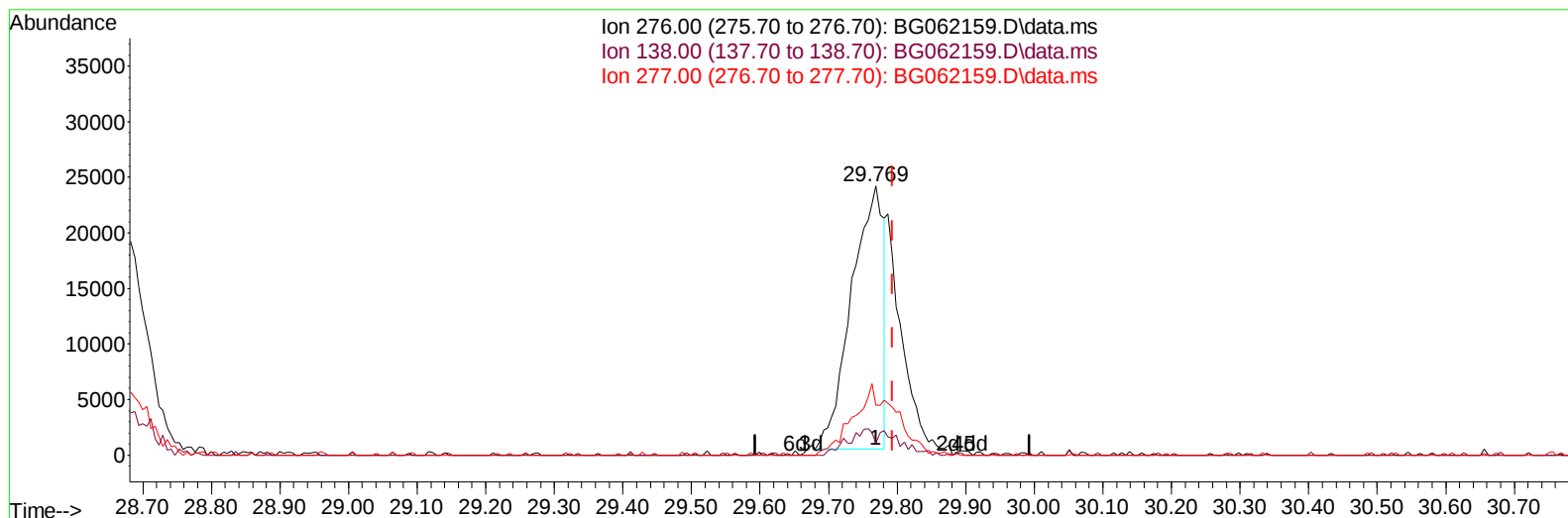
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Sample : P3201-23DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062159.D\data.ms

(96) Benzo(g,h,i)perylene

29.769min (-0.024) 3.80 ng/u1

response 76248

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	4.34#
277.00	22.40	18.42
0.00	0.00	0.00

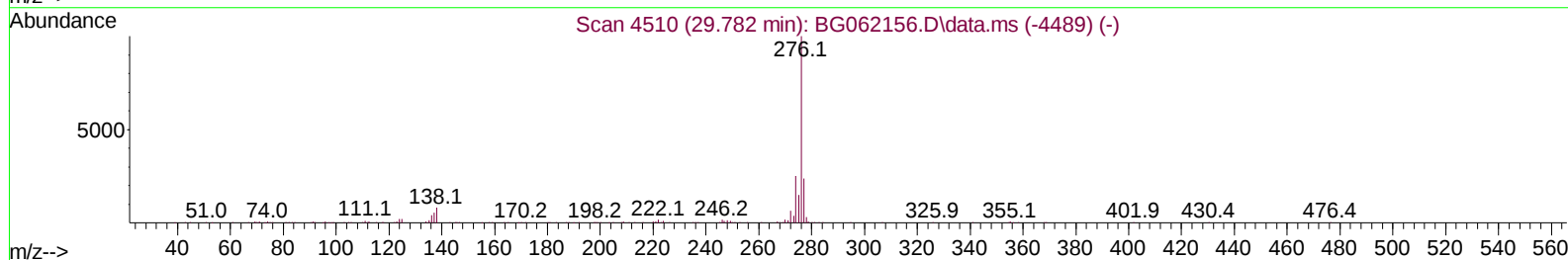
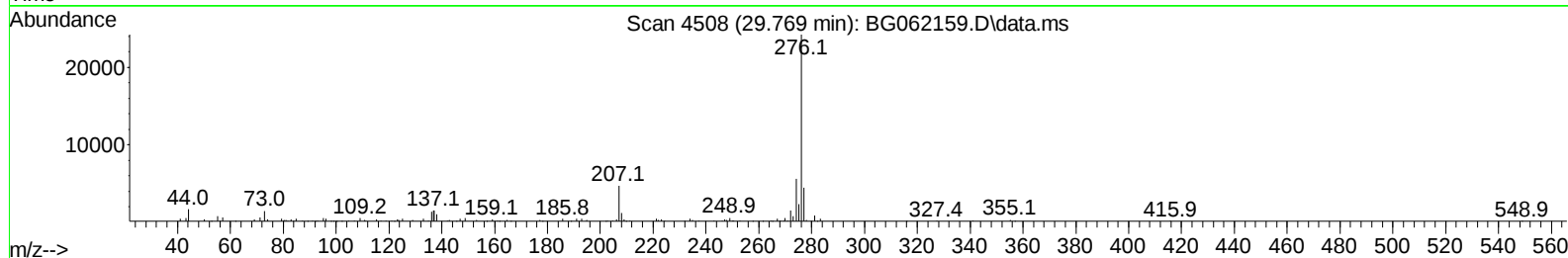
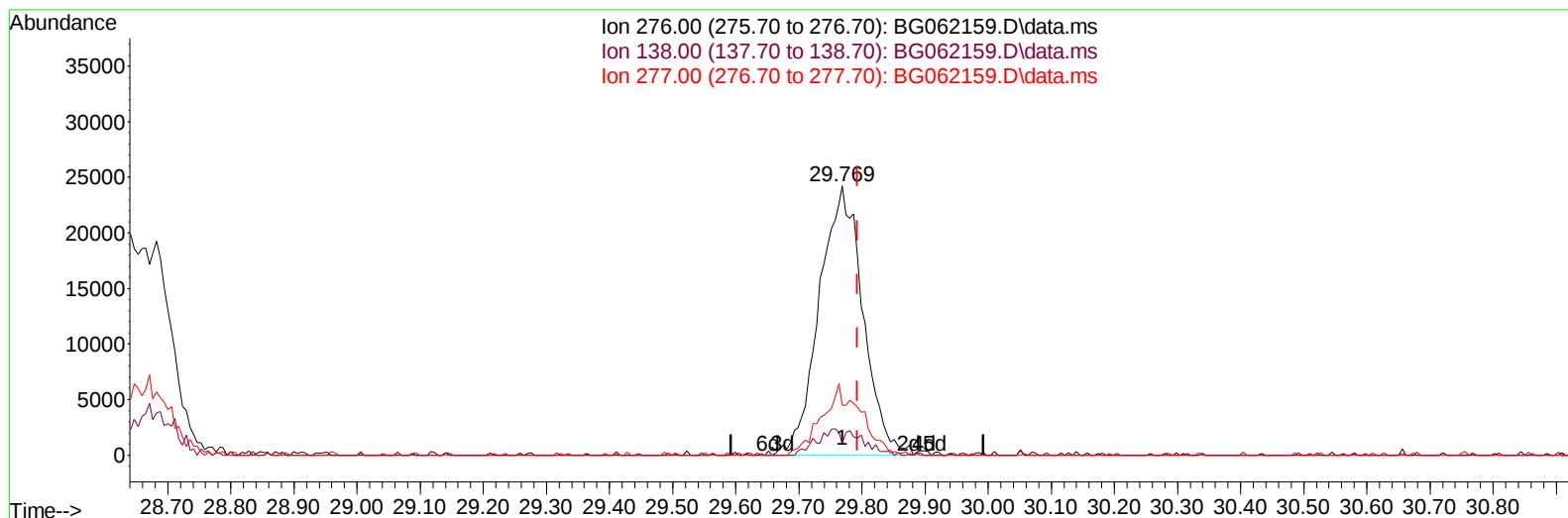
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062159.D
Acq On : 22 Jul 2024 12:46
Operator : MA/JU
Sample : P3201-23DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DM1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 13:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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TIC: BG062159.D\data.ms

(96) Benzo(g,h,i)perylene

29.769min (-0.024) 5.82 ng/u1 m

response 116590

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.80	4.34#
277.00	22.40	18.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
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 Acq On : 22 Jul 2024 12:46
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 Sample : P3201-23DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DM1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 22 13:21:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	34752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.877	136	142372	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.695	164	133035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	349951	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	363339	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	376625	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	341	0.458	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.235	99	14247	4.164	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	8766	4.459	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	10258	4.758	ng/ul	-0.01
15) 4-Methylphenol-d8	8.786	113	11735	4.504	ng/ul	0.00
21) Nitrobenzene-d5	9.232	128	5171	4.559	ng/ul	0.00
24) 2-Nitrophenol-d4	9.955	143	5184m	3.797	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.501	165	17215	6.023	ng/ul	0.00
31) 4-Chloroaniline-d4	11.012	131	11822	3.439	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	58743	5.209	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	61381	5.368	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	7224	5.316	ng/ul	0.00
60) Fluorene-d10	15.682	176	55662	5.798	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	7212	3.243	ng/ul	0.00
73) Anthracene-d10	17.539	188	94292	5.768	ng/ul	0.00
81) Pyrene-d10	19.818	212	126671	6.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.711	264	119815m	6.364	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.264	94	20229	5.993	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.482	93	84779	36.464	ng/ul	91
12) 2-Chlorophenol	7.634	128	34788	15.892	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.868	70	93718	36.005	ng/ul	88
19) Hexachloroethane	9.144	117	21437	21.875	ng/ul#	80
22) Nitrobenzene	9.279	77	25566	6.970	ng/ul	96
23) Isophorone	9.796	82	227200	30.533	ng/ul	96
25) 2-Nitrophenol	9.990	139	12424	8.605	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.278	93	121938	35.214	ng/ul	93
29) 2,4-Dichlorophenol	10.530	162	56092	20.659	ng/ul#	94
33) Hexachlorobutadiene	11.200	225	73985	28.678	ng/ul	94
35) 4-Chloro-3-methylphenol	12.164	107	27482	8.441	ng/ul#	96
36) 2-Methylnaphthalene	12.528	142	60952	10.512	ng/ul	94
41) 2,4,6-Trichlorophenol	13.133	196	99302	33.000	ng/ul	92
42) 2,4,5-Trichlorophenol	13.215	196	23278	7.107	ng/ul	95
48) 2,6-Dinitrotoluene	14.272	165	89385	40.652	ng/ul	96
50) Acenaphthylene	14.419	152	46089	3.698	ng/ul	96
52) Acenaphthene	14.760	153	188781	22.816	ng/ul	99
55) 4-Nitrophenol	14.930	109	34996	16.826	ng/ul#	88
57) 2,4-Dinitrotoluene	15.060	165	93227	27.631	ng/ul#	90
61) Fluorene	15.741	166	363316	34.006	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.729	204	71541	10.813	ng/ul	97
68) 4-Bromophenyl-phenylether	16.622	248	30337	7.444	ng/ul	97

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Manual IntegrationsAPPROVED

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

69) Hexachlorobenzene	16.740	284	186885	43.216	ng/ul	99
71) Pentachlorophenol	17.092	266	67057	42.051	ng/ul	92
72) Phenanthrene	17.480	178	150123	8.915	ng/ul	98
74) Anthracene	17.574	178	149265	8.610	ng/ul	95
78) Di-n-butylphthalate	18.385	149	533445	31.566	ng/ul	100
80) Fluoranthene	19.489	202	705819	29.866	ng/ul	98
82) Pyrene	19.847	202	311841	12.691	ng/ul	99
83) Butylbenzylphthalate	20.717	149	60333	8.274	ng/ul	94
85) Benzo(a)anthracene	21.680	228	618811	24.265	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.568	149	360526	34.491	ng/ul	97
87) Chrysene	21.751	228	896200	38.224	ng/ul	99
90) Benzo(b)fluoranthene	23.906	252	780932	33.561	ng/ul	98
93) Benzo(a)pyrene	24.782	252	164171	7.534	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.624	276	159729m	6.380	ng/ul	
95) Dibenzo(a,h)anthracene	28.682	278	334415	16.108	ng/ul	99
96) Benzo(g,h,i)perylene	29.769	276	116590m	5.817	ng/ul	

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

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