

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057293.D
 Acq On : 3 May 2023 19:20
 Operator : CG/JU
 Sample : 02419-28DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

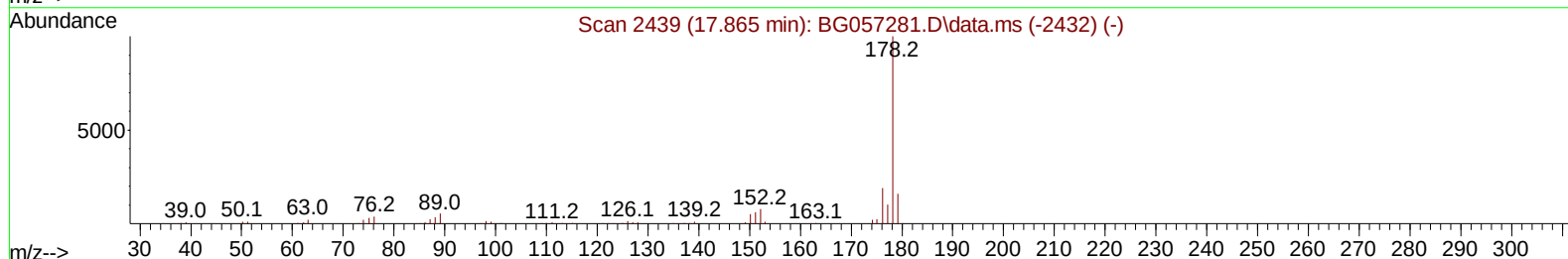
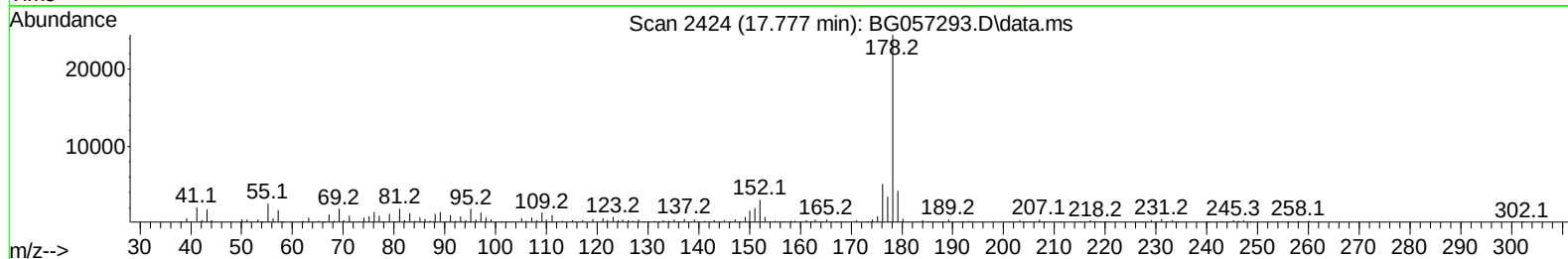
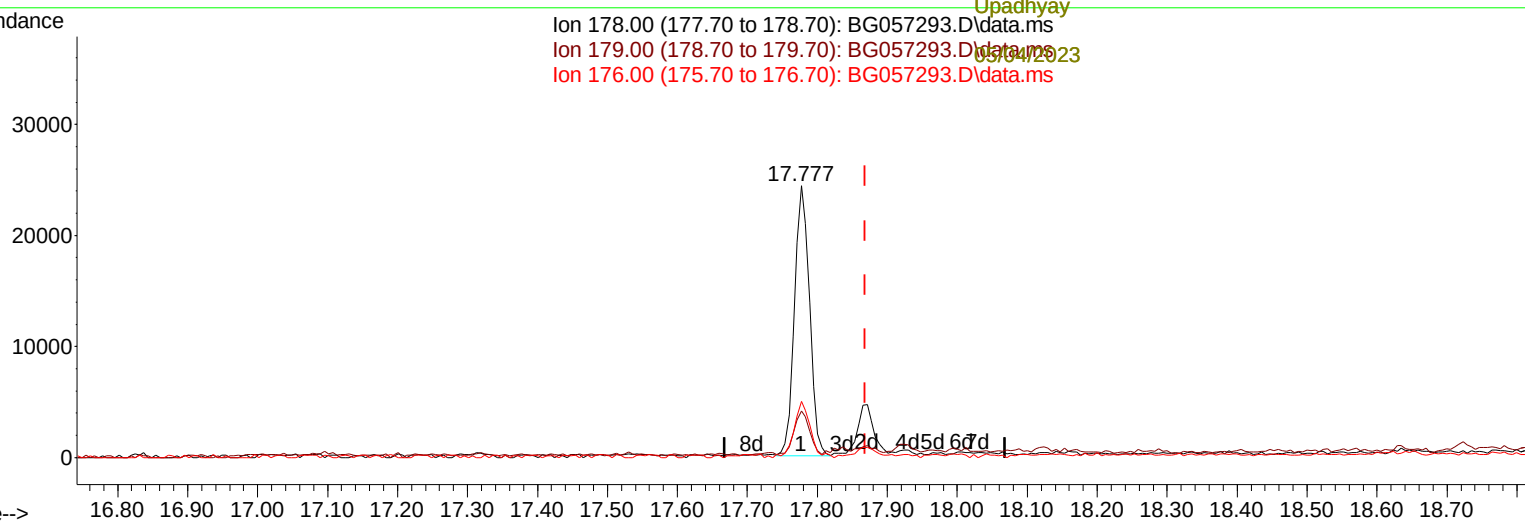
Manual IntegrationsAPPROVED

Quant Time: May 04 03:59:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian
 Giraldo

05/04/2023
 Supervised By :Jagrut
 Upadhyay

Ion 178.00 (177.70 to 178.70): BG057293.D\data.ms
 Ion 179.00 (178.70 to 179.70): BG057293.D\data.ms
 Ion 176.00 (175.70 to 176.70): BG057293.D\data.ms



TIC: BG057293.D\data.ms

(74) Anthracene

17.777min (-0.091) 5.65 ng/u1

response 36313

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.15
176.00	18.40	20.72
0.00	0.00	0.00

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 ALS Vial : 14 Sample Multiplier: 1

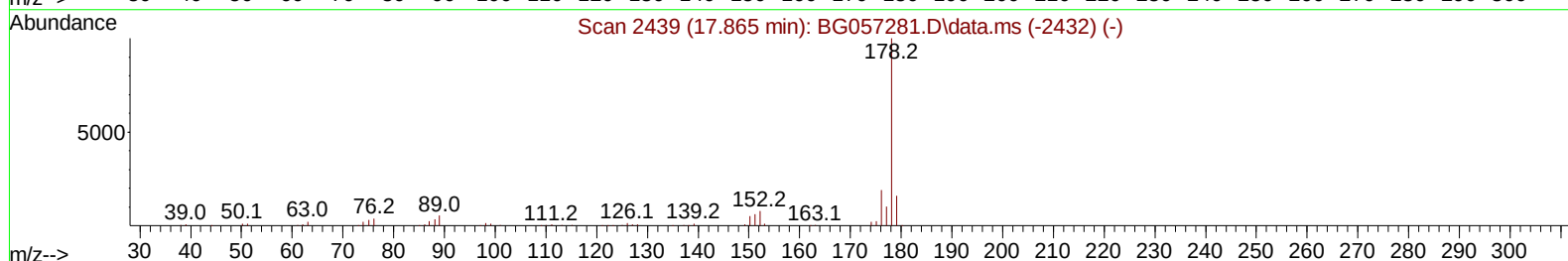
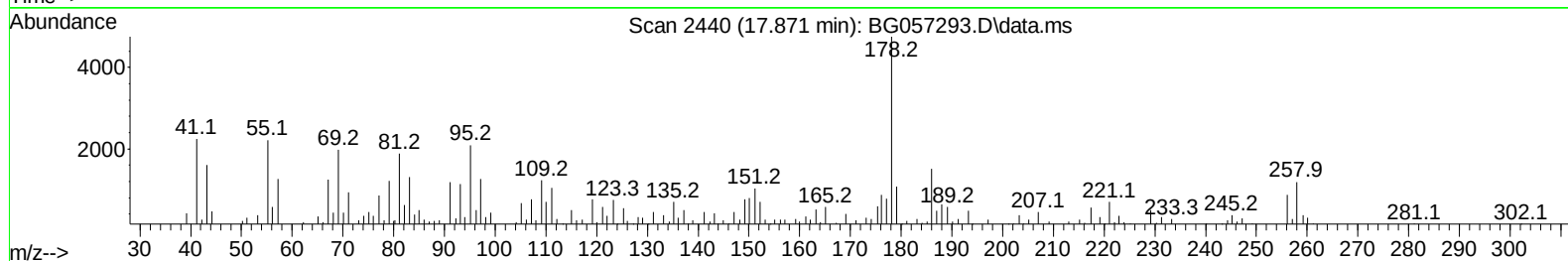
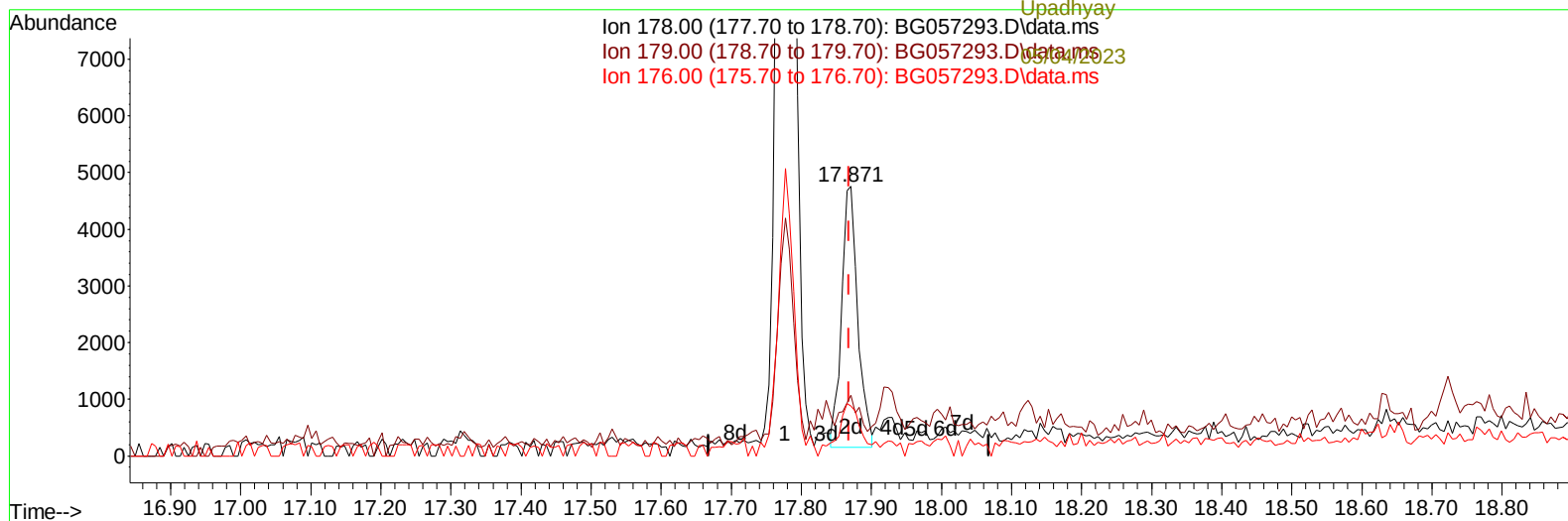
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TIC: BG057293.D\data.ms

(74) Anthracene

17.871min (+ 0.003) 1.14 ng/u^l m

response 7325

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	22.61#
176.00	18.40	18.47
0.00	0.00	0.00

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ALS Vial : 14 Sample Multiplier: 1

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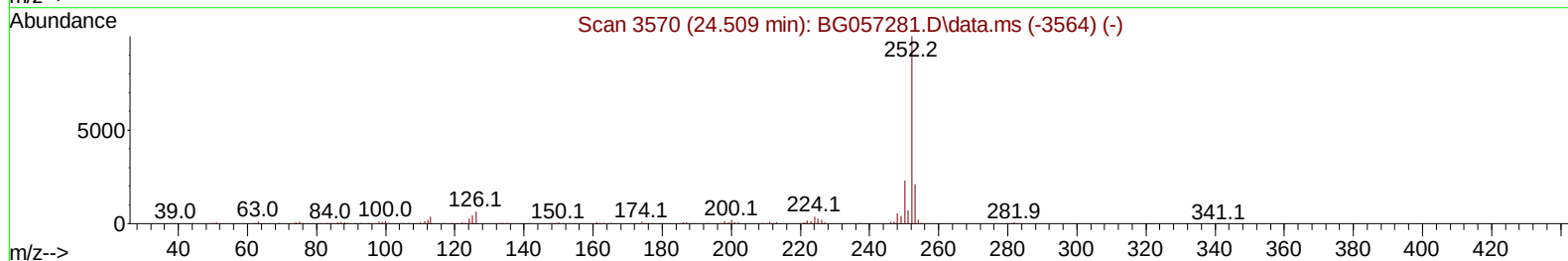
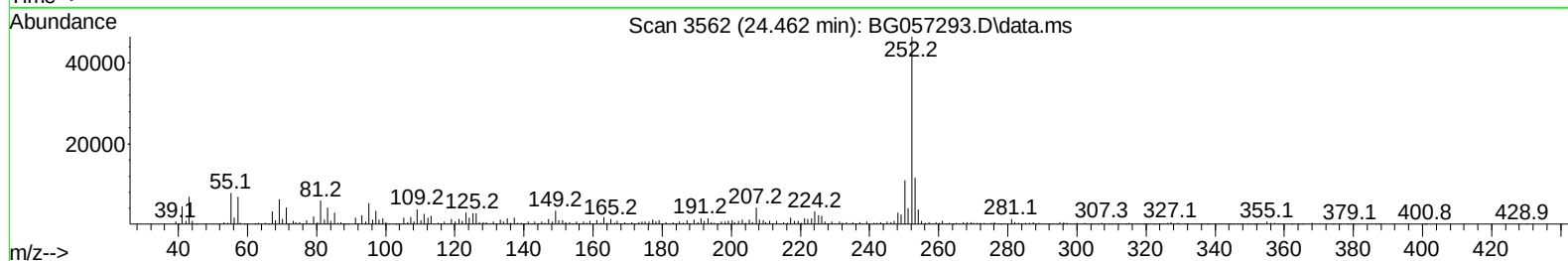
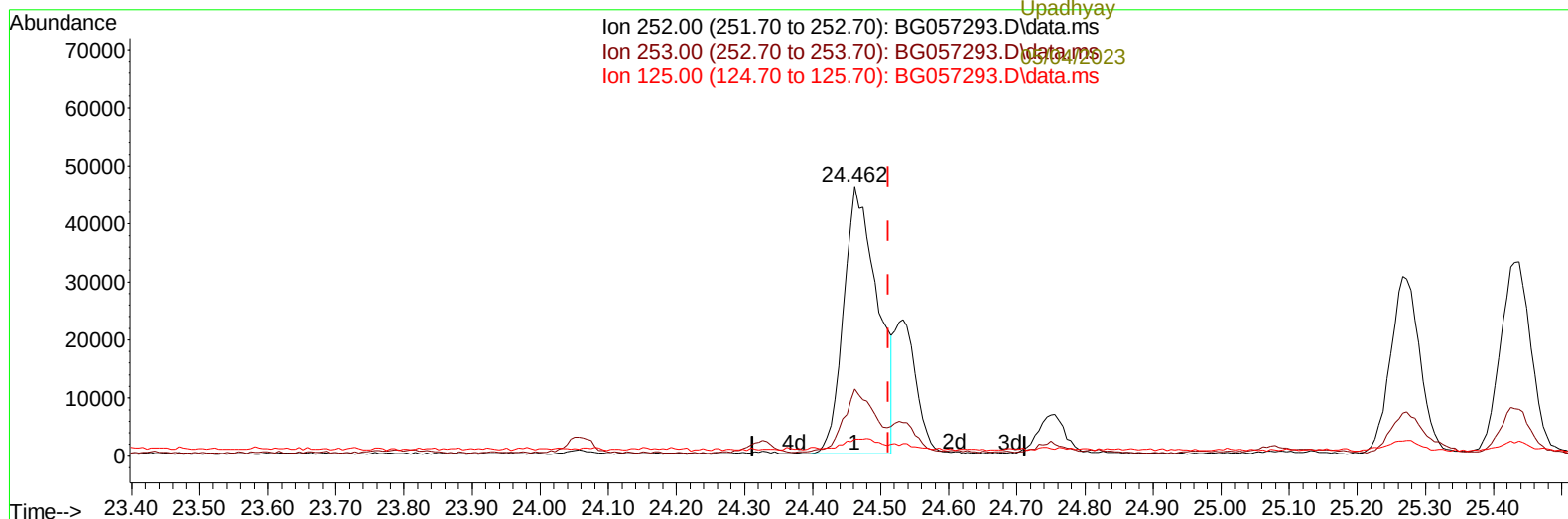
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Quant Time: May 04 04:00:31 2023
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Upadhyay

Ion 252.00 (251.70 to 252.70): BG057293.D\data.ms
Ion 253.00 (252.70 to 253.70): BG057293.D\data.ms
Ion 125.00 (124.70 to 125.70): BG057293.D\data.ms



TIC: BG057293.D\data.ms

(91) Benzo(k)fluoranthene

24.462min (-0.050) 21.51 ng/u1

response 158985

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.99
125.00	5.60	6.19
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
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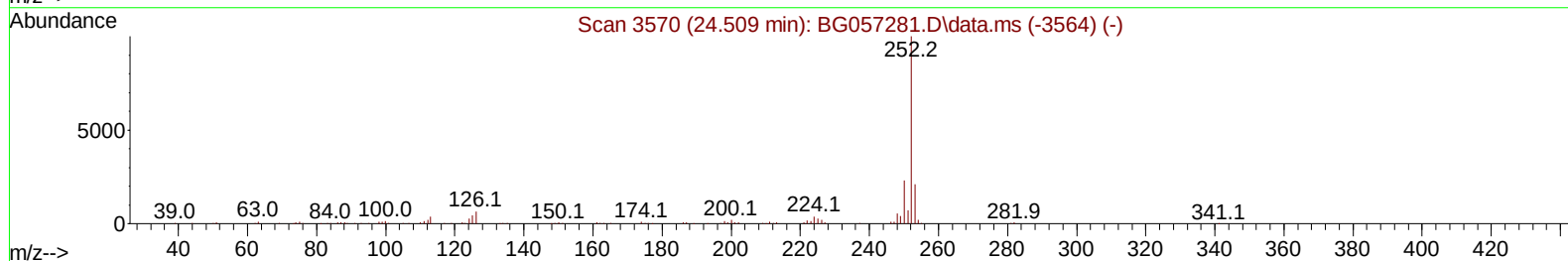
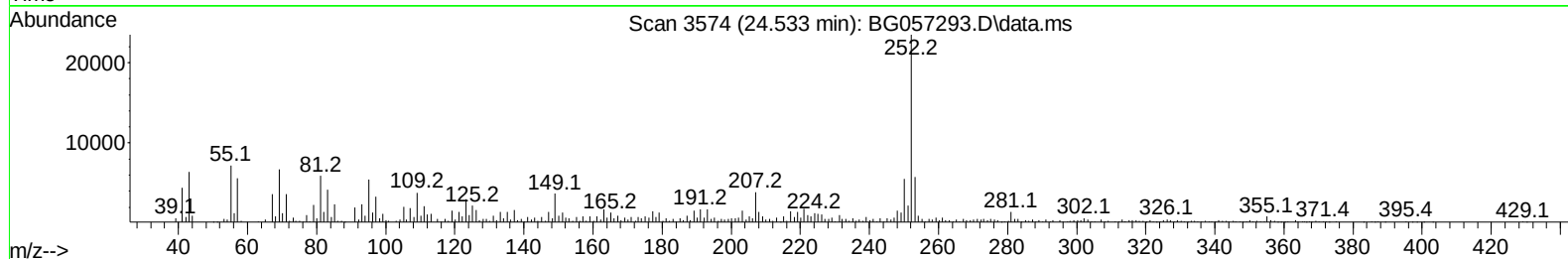
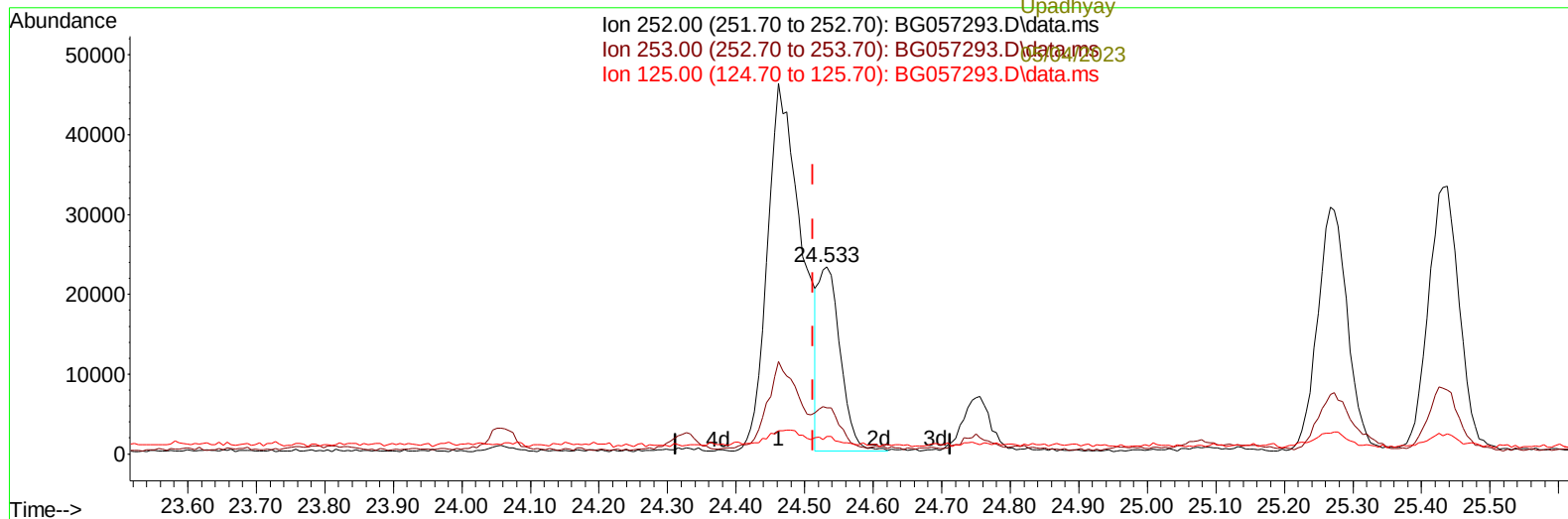
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Ion 252.00 (251.70 to 252.70): BG057293.D\data.ms
Ion 253.00 (252.70 to 253.70): BG057293.D\data.ms
Ion 125.00 (124.70 to 125.70): BG057293.D\data.ms



TIC: BG057293.D\data.ms

(91) Benzo(k)fluoranthene

24.533min (+ 0.020) 6.96 ng/ul m

response 51408

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.65
125.00	5.60	9.36#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

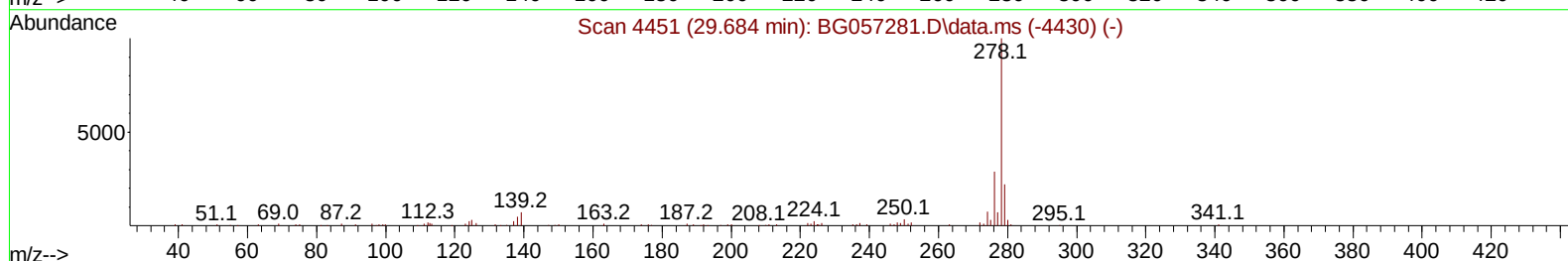
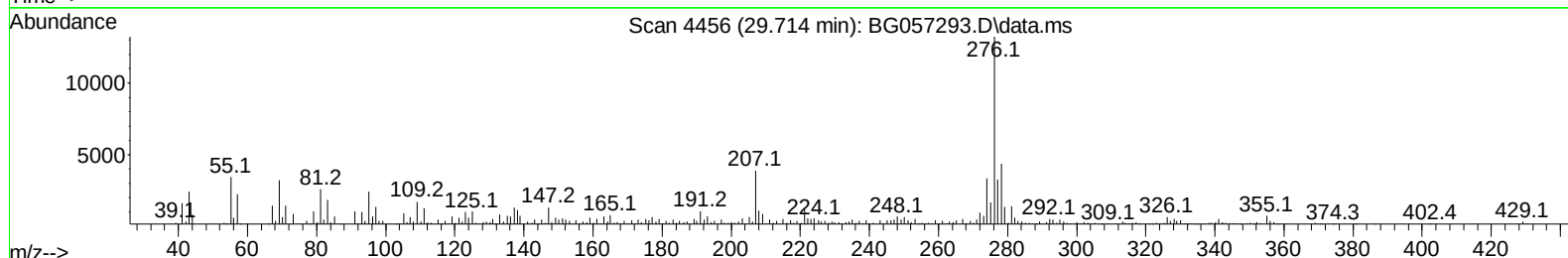
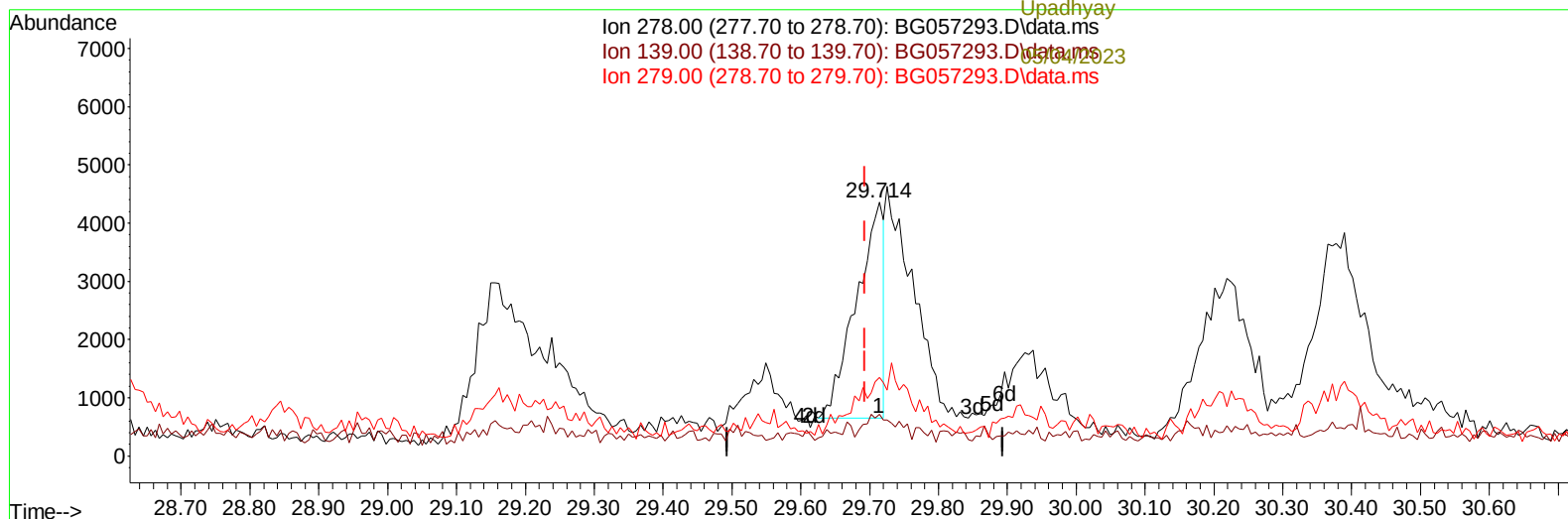
Manual IntegrationsAPPROVED

Quant Time: May 04 04:01:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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 QLast Update : Mon May 01 12:45:38 2023
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Reviewed By :Christian
 Giraldo

05/04/2023
 Supervised By :Jagrut
 Upadhyay

Ion 278.00 (277.70 to 278.70): BG057293.D\data.ms
 Ion 139.00 (138.70 to 139.70): BG057293.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG057293.D\data.ms



TIC: BG057293.D\data.ms

(95) Dibenzo(a,h)anthracene

29.714min (+ 0.020) 1.51 ng/ul

response 10239

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	16.45#
279.00	22.90	31.05#
0.00	0.00	0.00

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 Sample : 02419-28DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

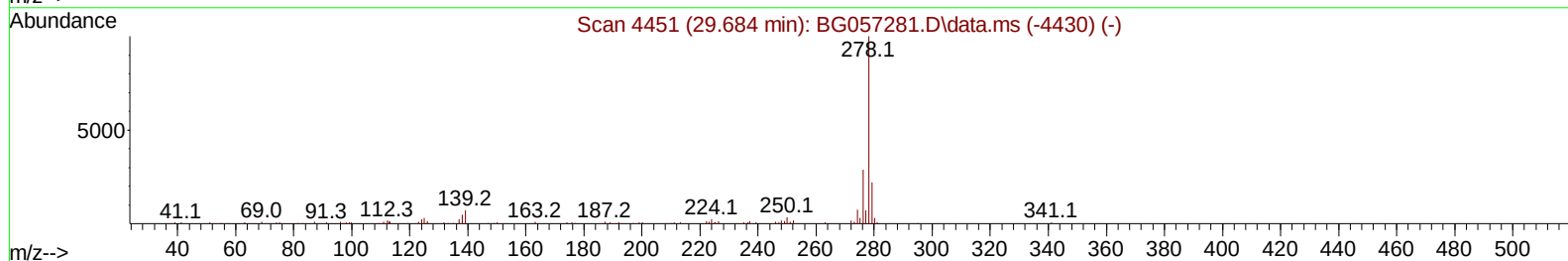
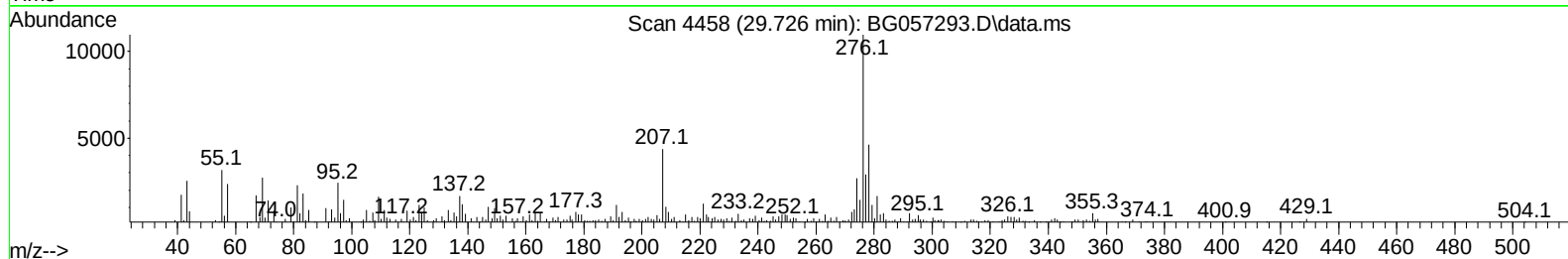
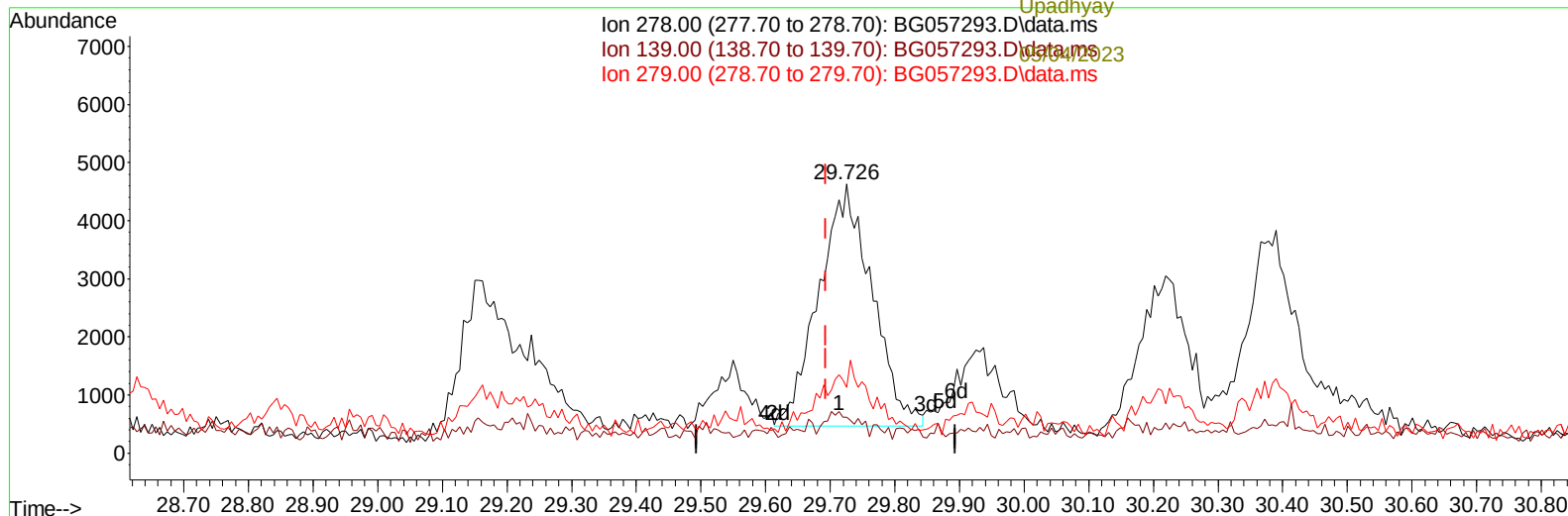
Manual IntegrationsAPPROVED

Quant Time: May 04 04:01:10 2023
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Reviewed By :Christian
 Giraldo

05/04/2023
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 Upadhyay

Ion 278.00 (277.70 to 278.70): BG057293.D\data.ms
 Ion 139.00 (138.70 to 139.70): BG057293.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG057293.D\data.ms



TIC: BG057293.D\data.ms

(95) Dibenzo(a,h)anthracene

29.726min (+ 0.032) 3.50 ng/ul m

response 23806

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	13.31#
279.00	22.90	24.48
0.00	0.00	0.00

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925DL

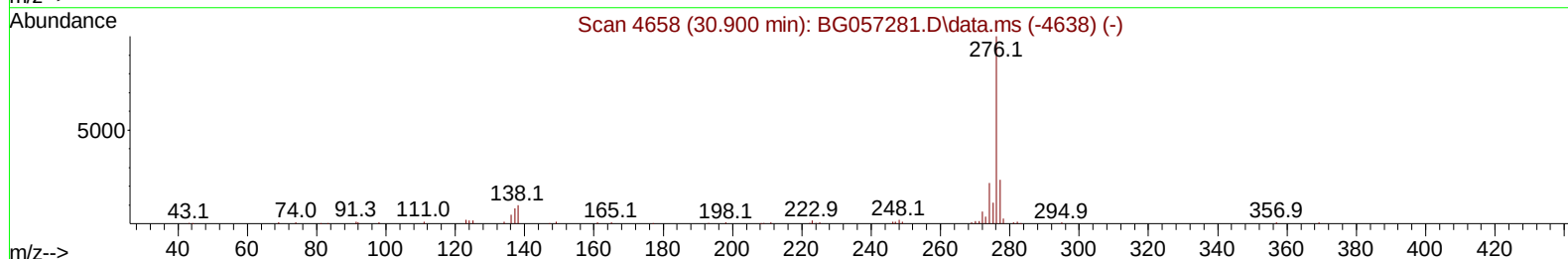
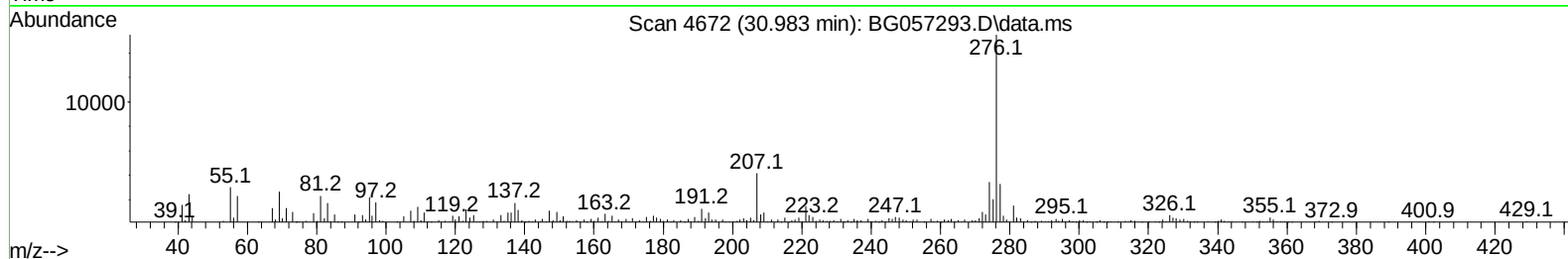
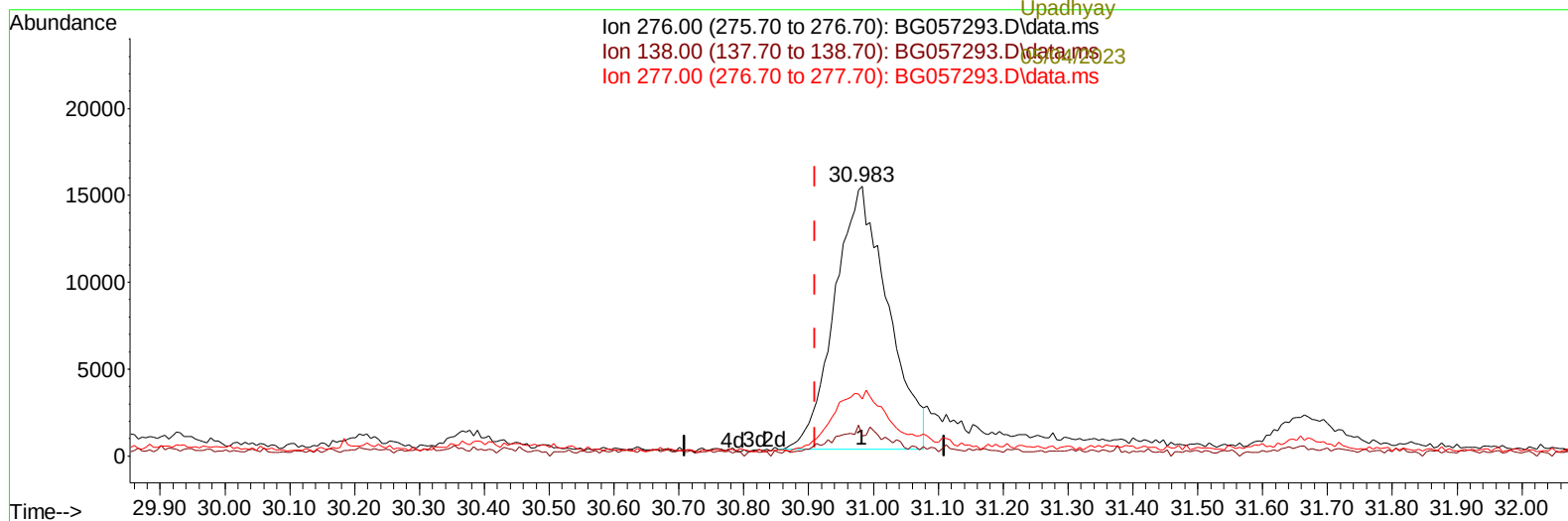
Manual IntegrationsAPPROVED

Quant Time: May 04 04:01:41 2023
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Reviewed By :Christian
 Giraldo

05/04/2023
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 Upadhyay

Ion 276.00 (275.70 to 276.70): BG057293.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG057293.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG057293.D\data.ms



TIC: BG057293.D\data.ms

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

30.983min (+ 0.073) 12.98 ng/u1

response 86119

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	7.45#
277.00	23.00	21.07
0.00	0.00	0.00

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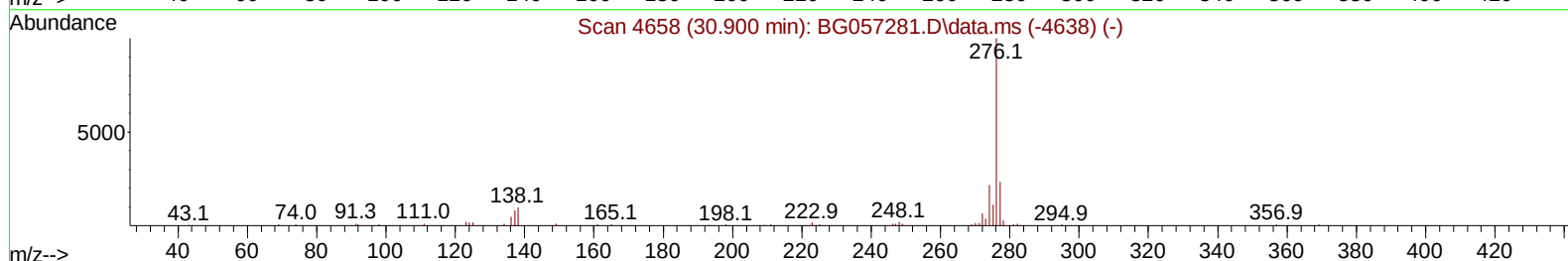
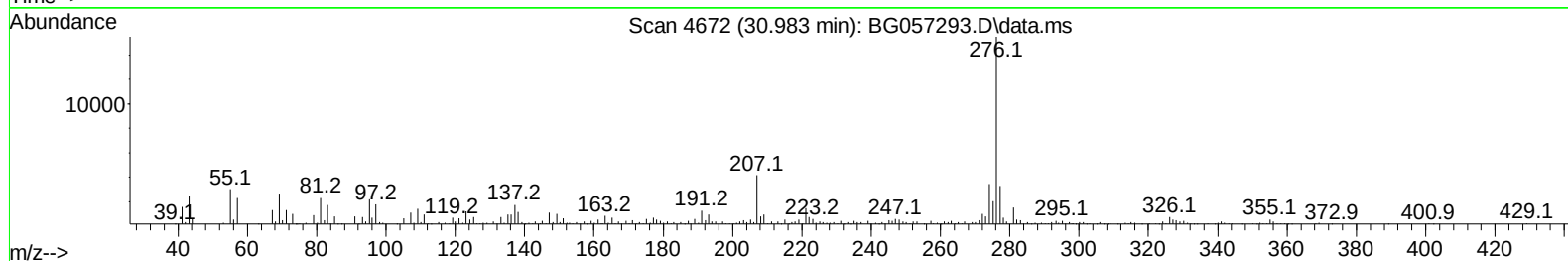
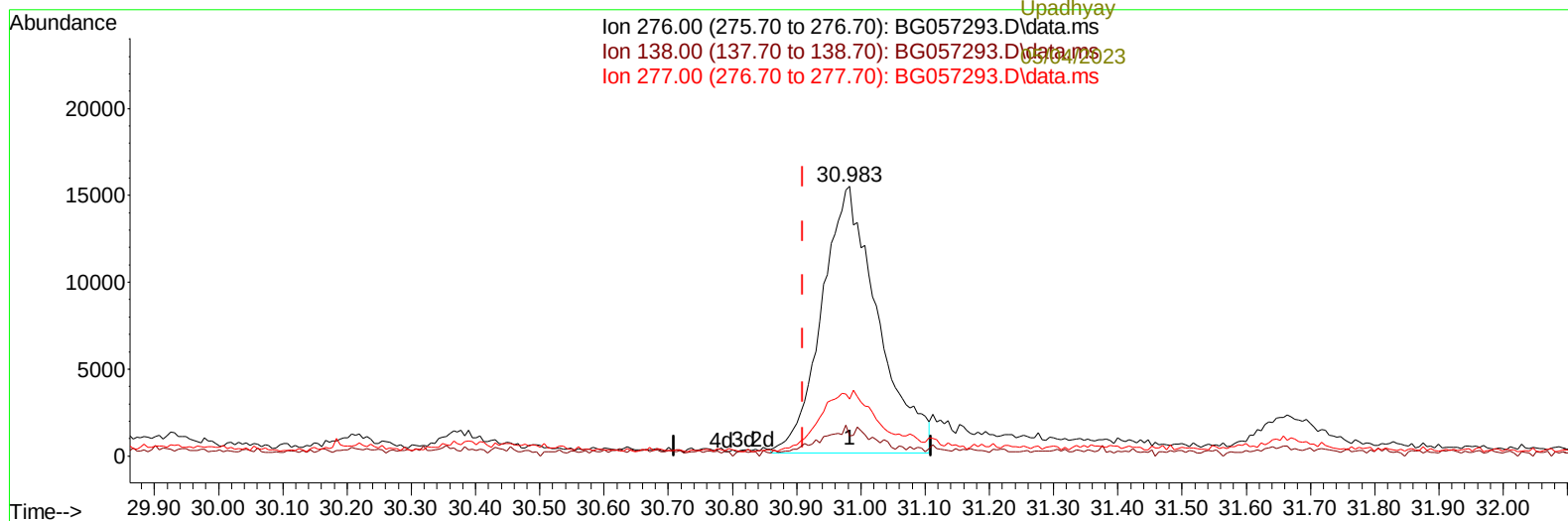
Instrument :
BNA_G
ClientSampleId :
EW925DL

Manual IntegrationsAPPROVED

Quant Time: May 04 04:01:41 2023
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TIC: BG057293.D\data.ms

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

30.983min (+ 0.073) 13.99 ng/ul m

response 92833

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	7.45#
277.00	23.00	21.07
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----05/04/2023						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	17777	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	74008	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	57035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	122763	20.000	ng/ul	0.00
79) Chrysene-d12	22.060	240	101159	20.000	ng/ul	0.00
88) Perylene-d12	25.602	264	109705	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	276	0.683	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.520	99	9731	5.788	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	5757	5.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	7538	6.804	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	6442	5.042	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	3616	6.135	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	4240	6.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	9088	6.848	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	3181	1.809	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	33608	7.437	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	38318	7.544	ng/ul	0.00
54) 4-Nitrophenol-d4	15.192	143	2648	4.025	ng/ul	0.01
60) Fluorene-d10	15.980	176	30753	7.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.836	188	46352	8.272	ng/ul	0.00
81) Pyrene-d10	20.103	212	50910	8.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.355	264	44816	8.018	ng/ul	0.03
Target Compounds						
					Qvalue	
16) Acetophenone	9.206	105	8487	3.860	ng/ul	96
72) Phenanthrene	17.777	178	36313	5.680	ng/ul	96
74) Anthracene	17.871	178	7325m	1.141	ng/ul	
78) Di-n-butylphthalate	18.652	149	20436	3.330	ng/ul#	95
80) Fluoranthene	19.769	202	111700	15.660	ng/ul	97
82) Pyrene	20.133	202	107814	14.931	ng/ul#	97
83) Butylbenzylphthalate	20.985	149	23386	10.113	ng/ul	91
85) Benzo(a)anthracene	22.036	228	83504	11.672	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.877	149	204005	60.659	ng/ul	95
87) Chrysene	22.107	228	86036	12.746	ng/ul	92
89) Di-n-octyl phthalate	23.193	149	25285	4.174	ng/ul	100
90) Benzo(b)fluoranthene	24.462	252	158985	20.927	ng/ul	93
91) Benzo(k)fluoranthene	24.533	252	51408m	6.956	ng/ul	
93) Benzo(a)pyrene	25.437	252	103879	15.838	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.690	276	85704	10.454	ng/ul	98
95) Dibenzo(a,h)anthracene	29.726	278	23806m	3.502	ng/ul	
96) Benzo(g,h,i)perylene	30.983	276	92833m	13.991	ng/ul	

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

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