

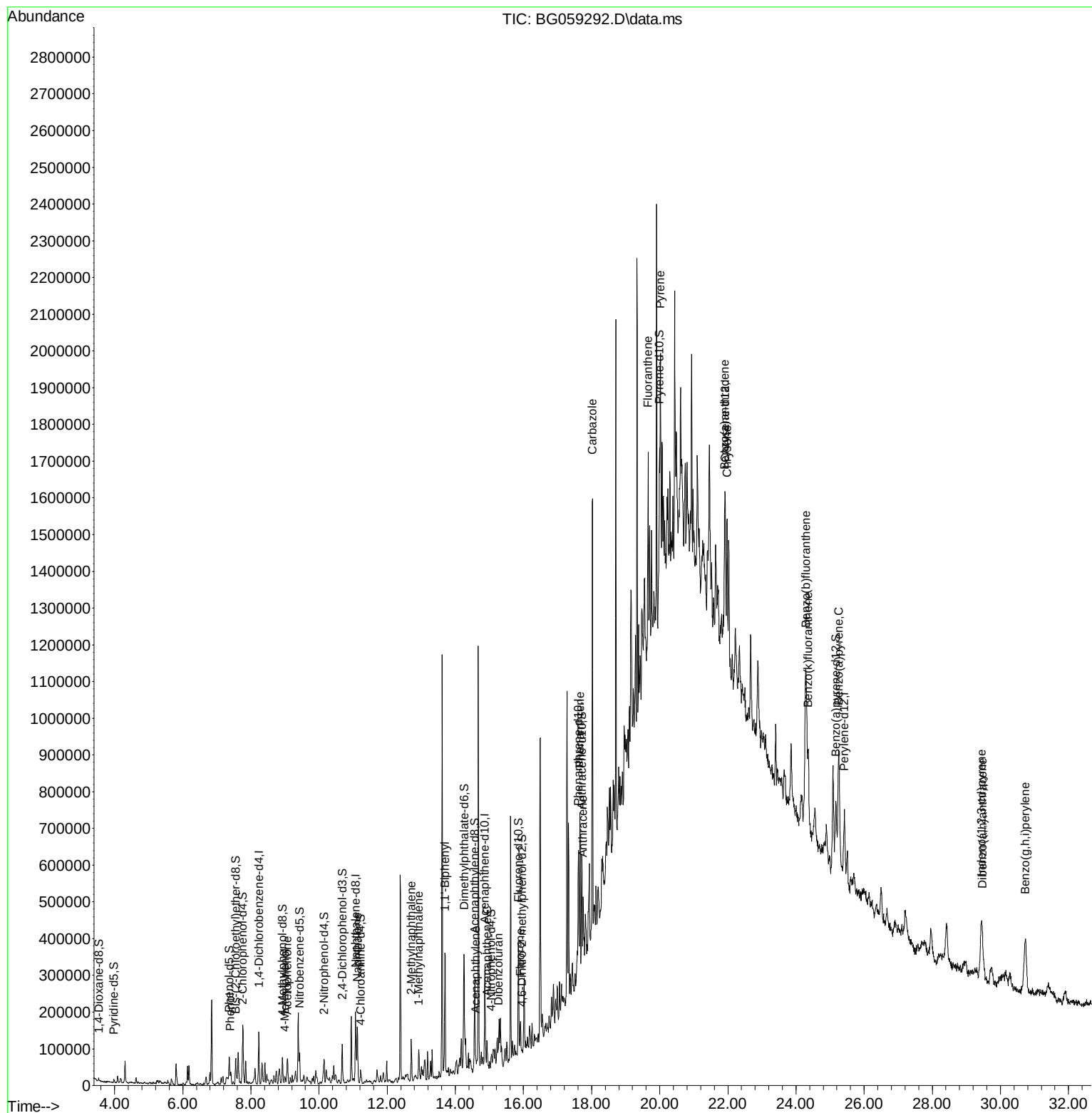
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059292.D
 Acq On : 5 Oct 2023 11:56
 Operator : MA/JU
 Sample : 04527-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYH0

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:22:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023



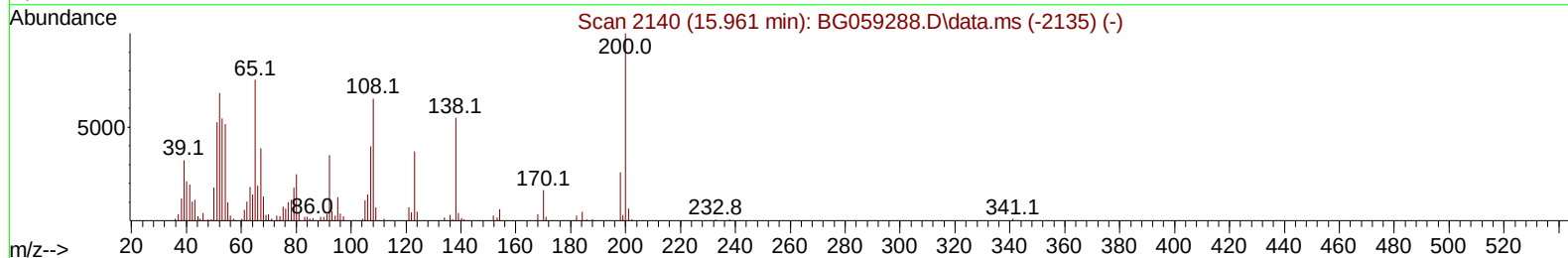
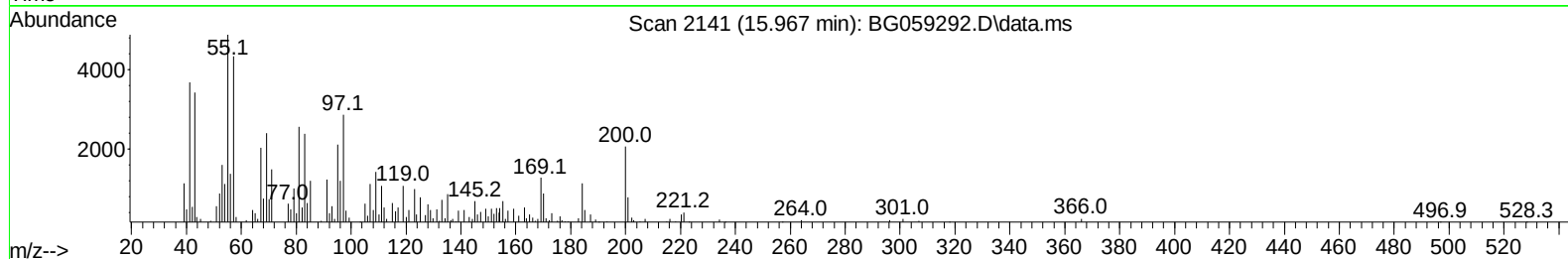
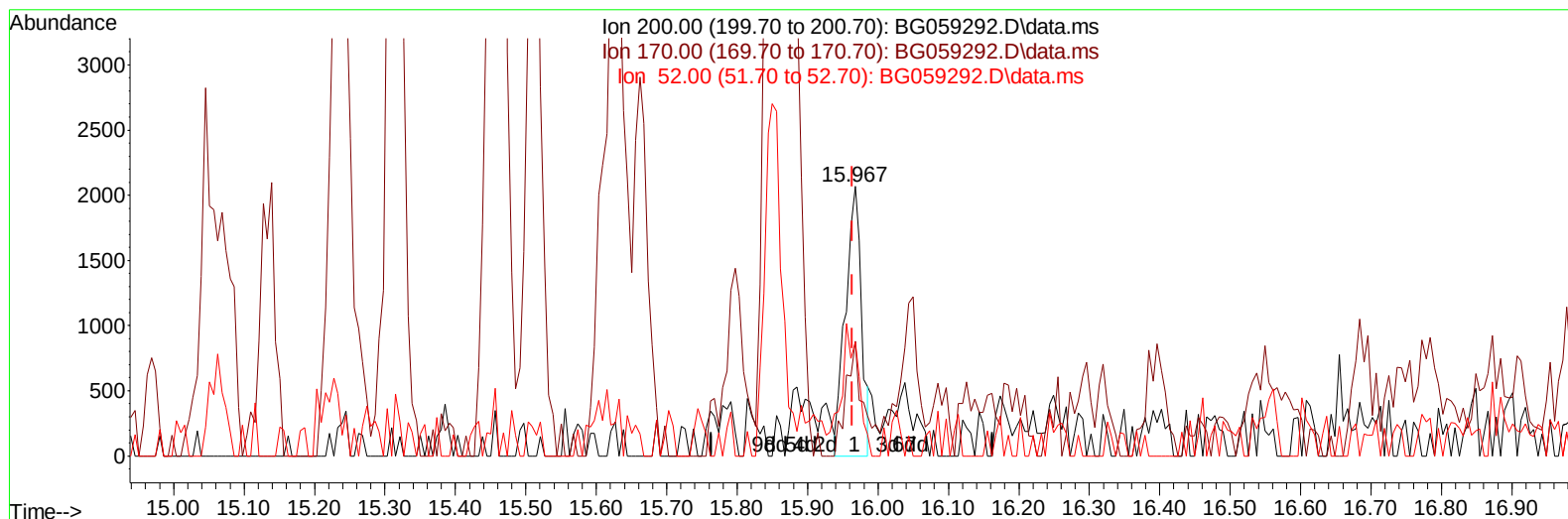
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Manual IntegrationsAPPROVED

Quant Time: Oct 05 22:37:57 2023
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TIC: BG059292.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.967min (+ 0.004) 3.19 ng/u1

response 3227

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	42.48#
52.00	79.10	42.24#
0.00	0.00	0.00

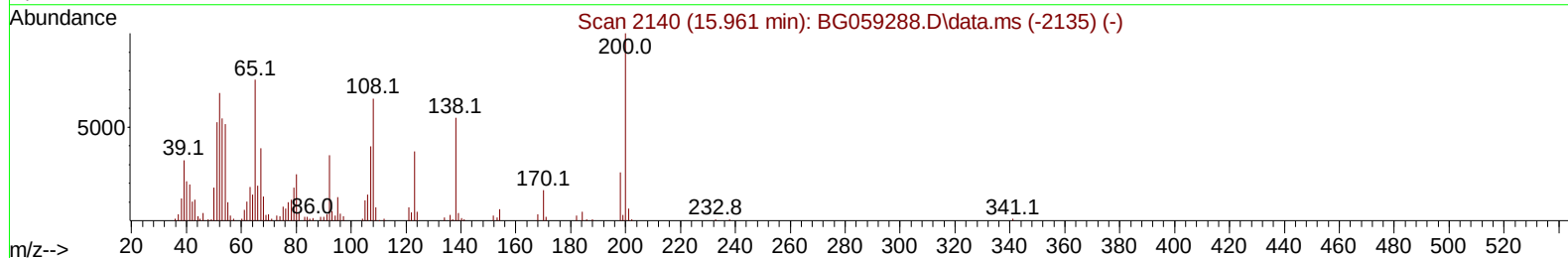
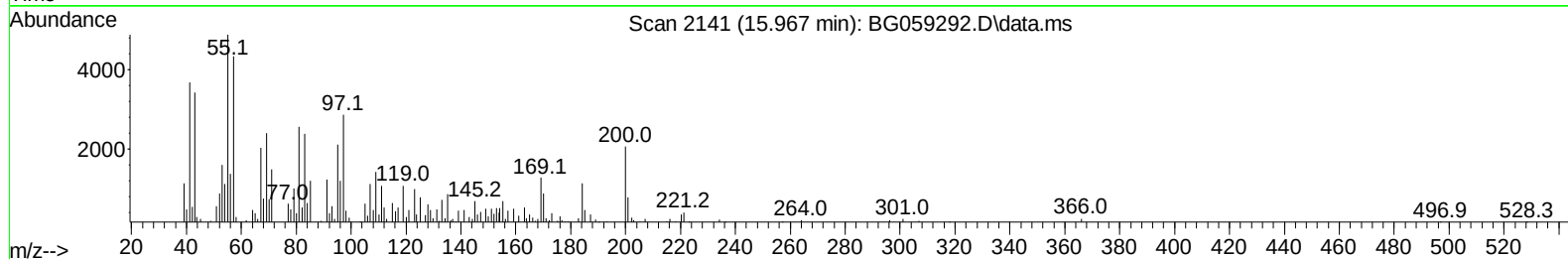
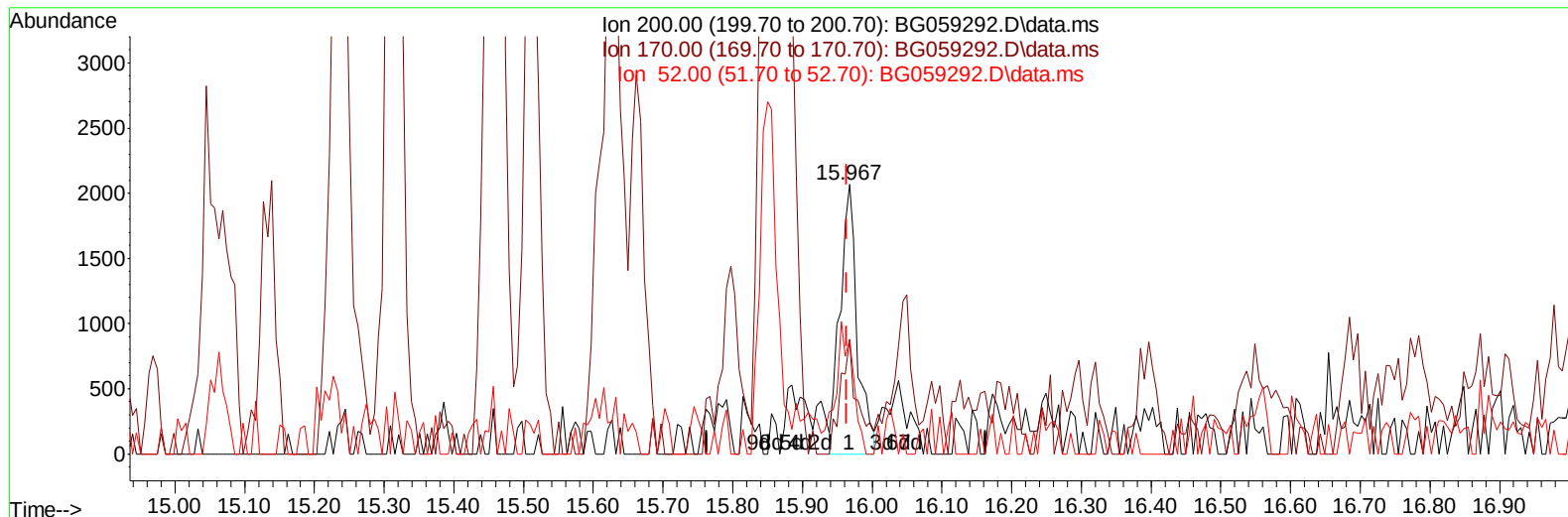
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TIC: BG059292.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.967min (+ 0.004) 3.49 ng/ul m

response 3531

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	42.48#
52.00	79.10	42.24#
0.00	0.00	0.00

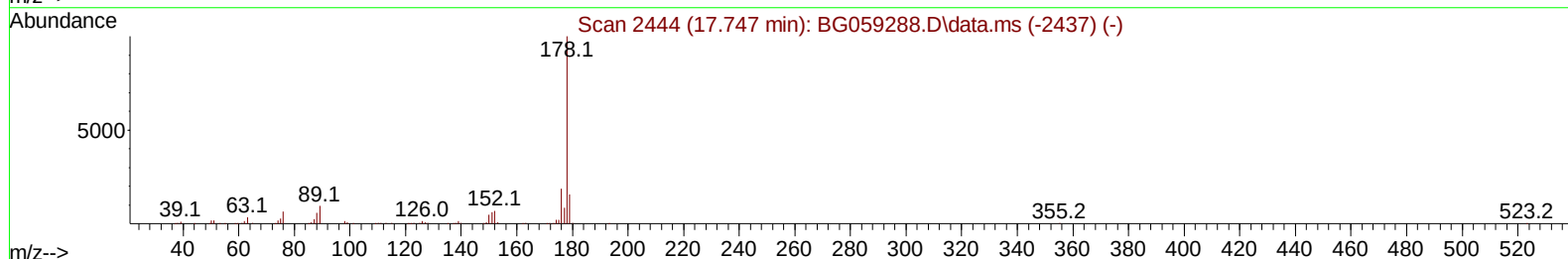
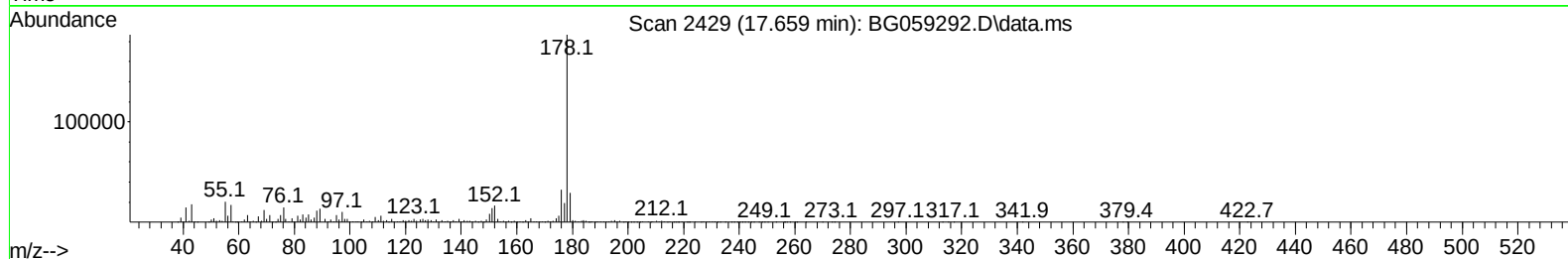
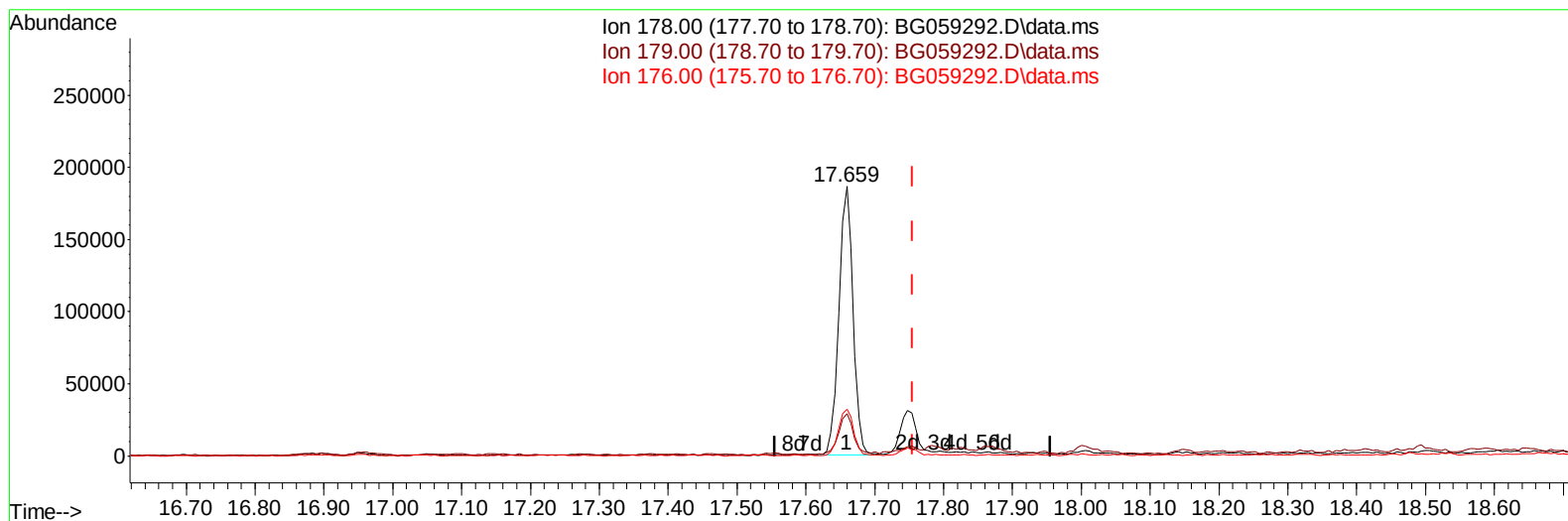
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TIC: BG059292.D\data.ms

(74) Anthracene

17.659min (-0.096) 23.88 ng/ul

response 266114

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	15.64
176.00	18.10	17.34
0.00	0.00	0.00

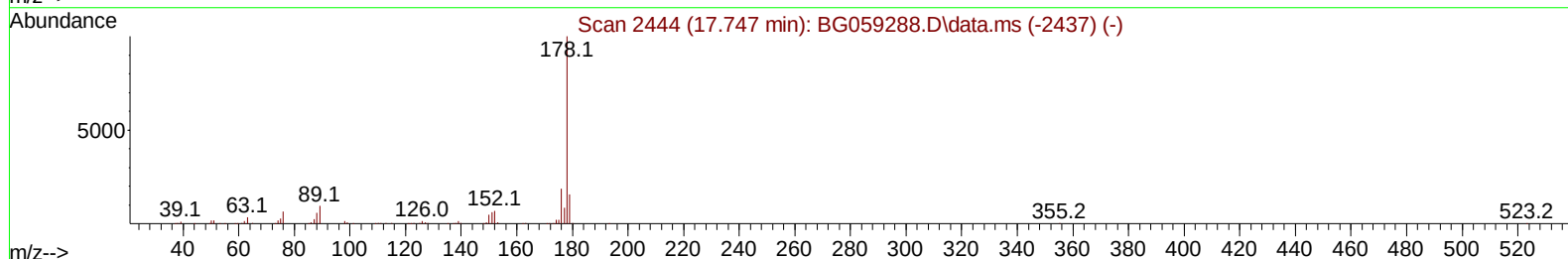
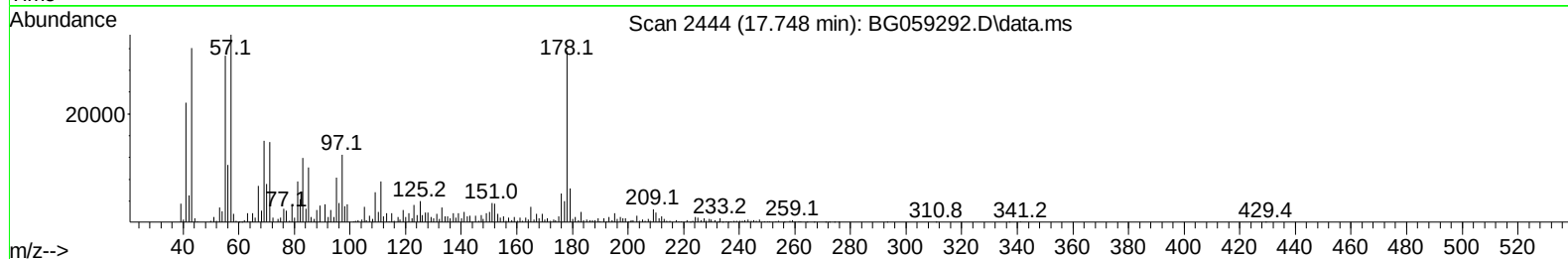
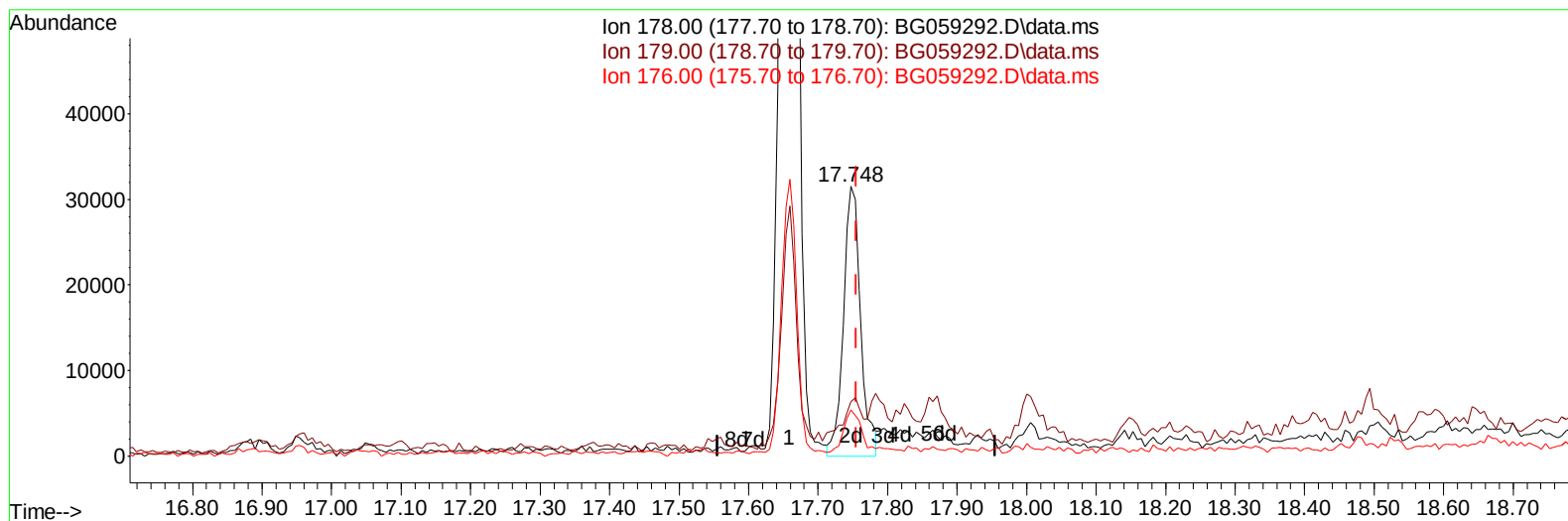
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TIC: BG059292.D\data.ms

(74) Anthracene

17.748min (-0.008) 4.85 ng/ul m

response 54067

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	20.11#
176.00	18.10	17.15
0.00	0.00	0.00

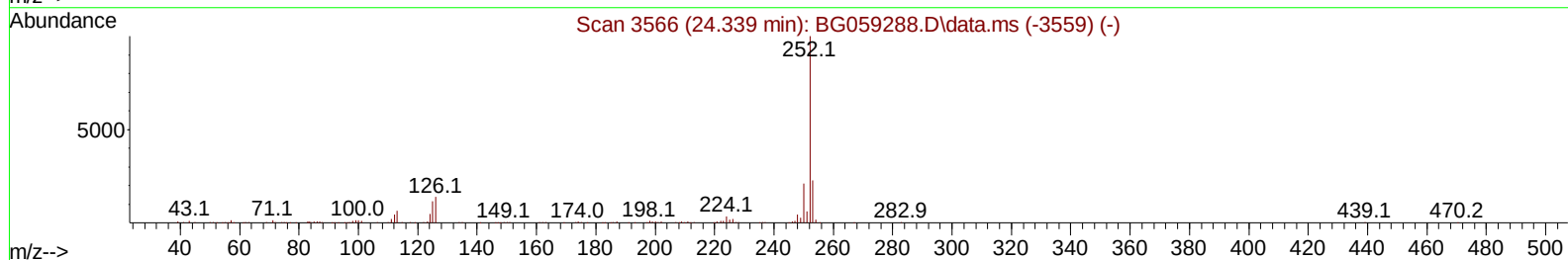
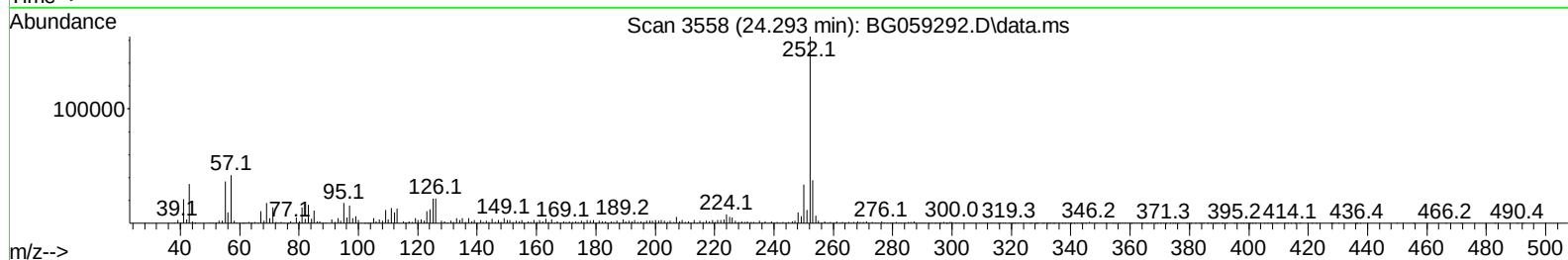
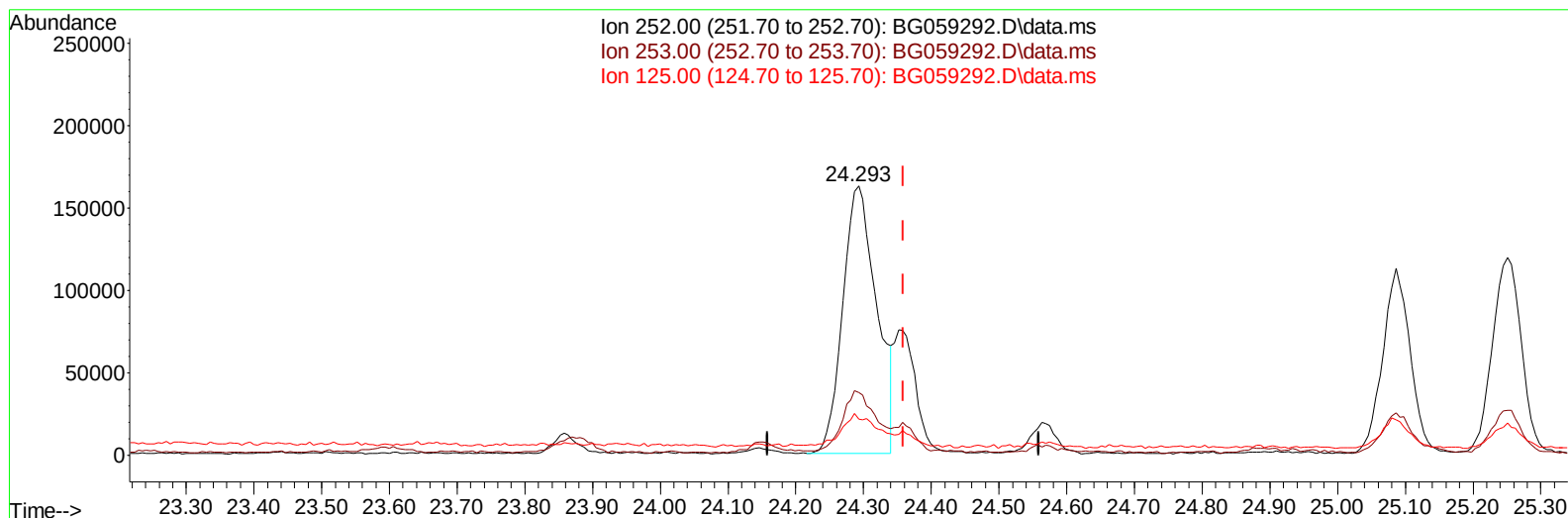
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 Data File : BG059292.D
 Acq On : 5 Oct 2023 11:56
 Operator : MA/JU
 Sample : 04527-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYH0

Manual IntegrationsAPPROVED

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TIC: BG059292.D\data.ms

(91) Benzo(k)fluoranthene

24.293min (-0.066) 44.19 ng/u1

response 566420

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.14
125.00	10.10	13.24#
0.00	0.00	0.00

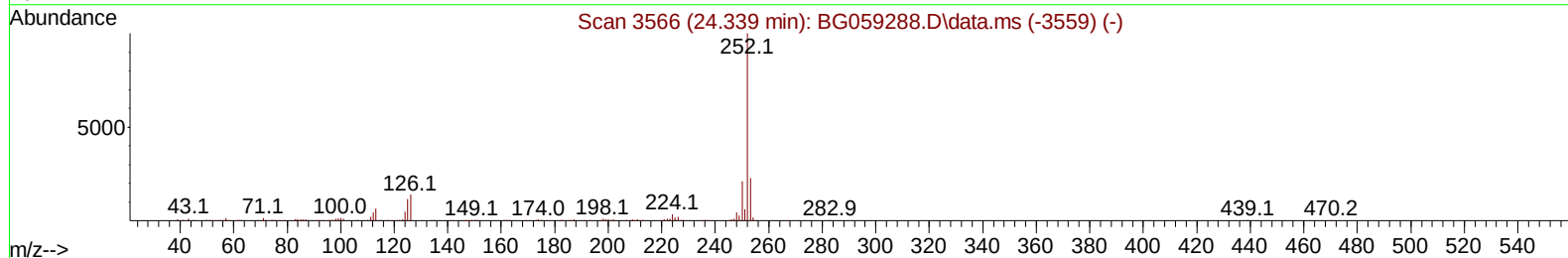
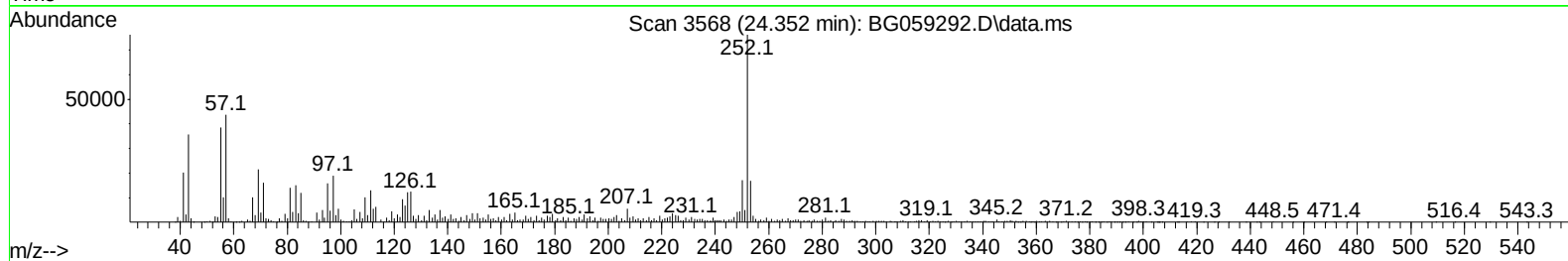
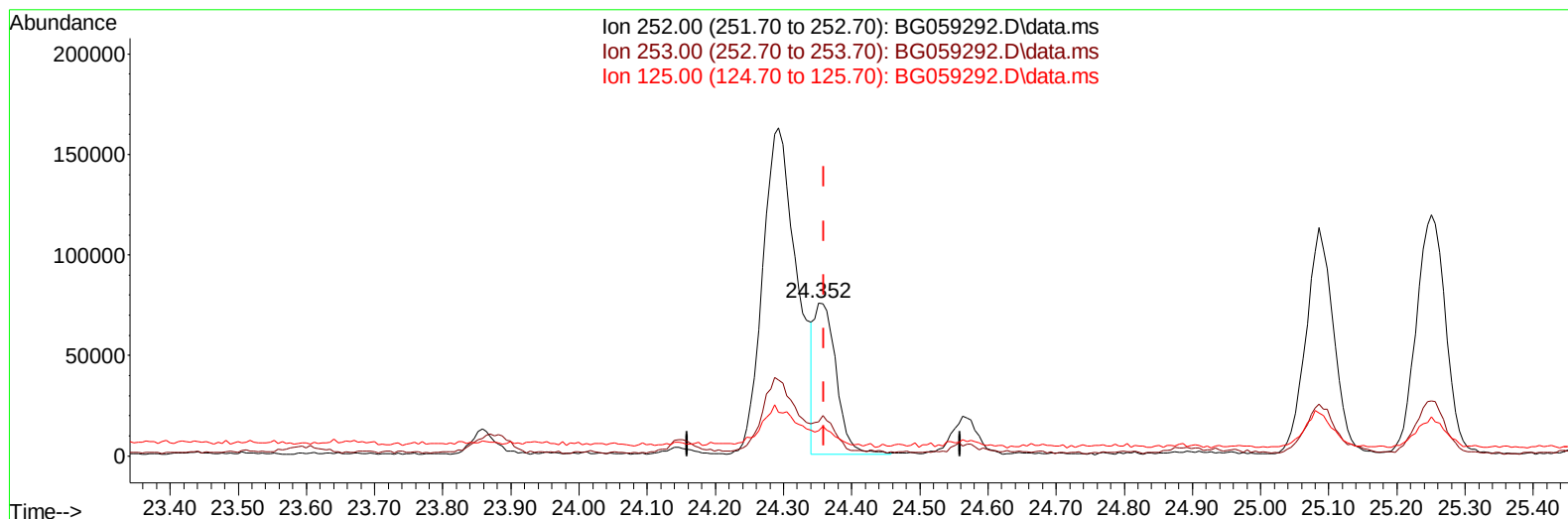
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 Operator : MA/JU
 Sample : 04527-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:21:19 2023
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TIC: BG059292.D\data.ms

(91) Benzo(k)fluoranthene

24.352min (-0.008) 13.21 ng/ul m

response 169370

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.17
125.00	10.10	16.24#
0.00	0.00	0.00

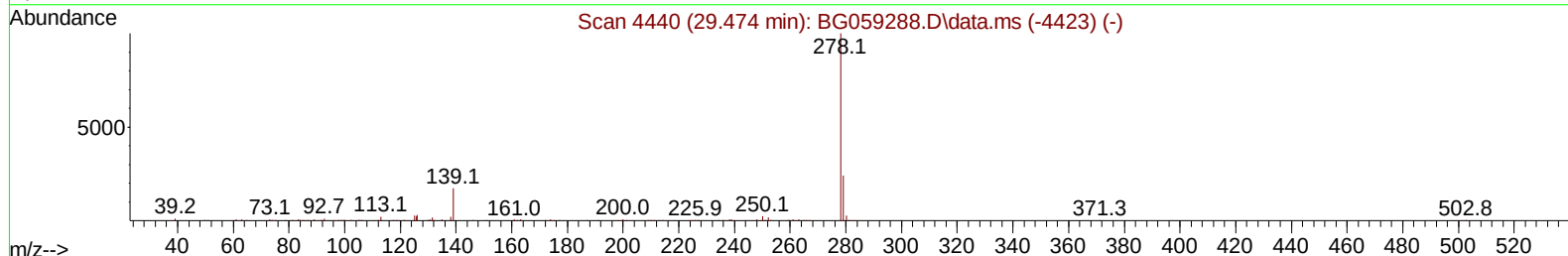
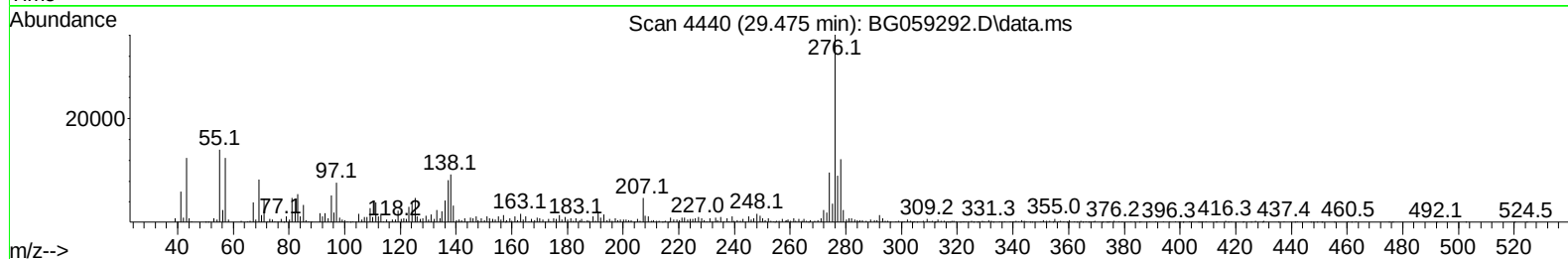
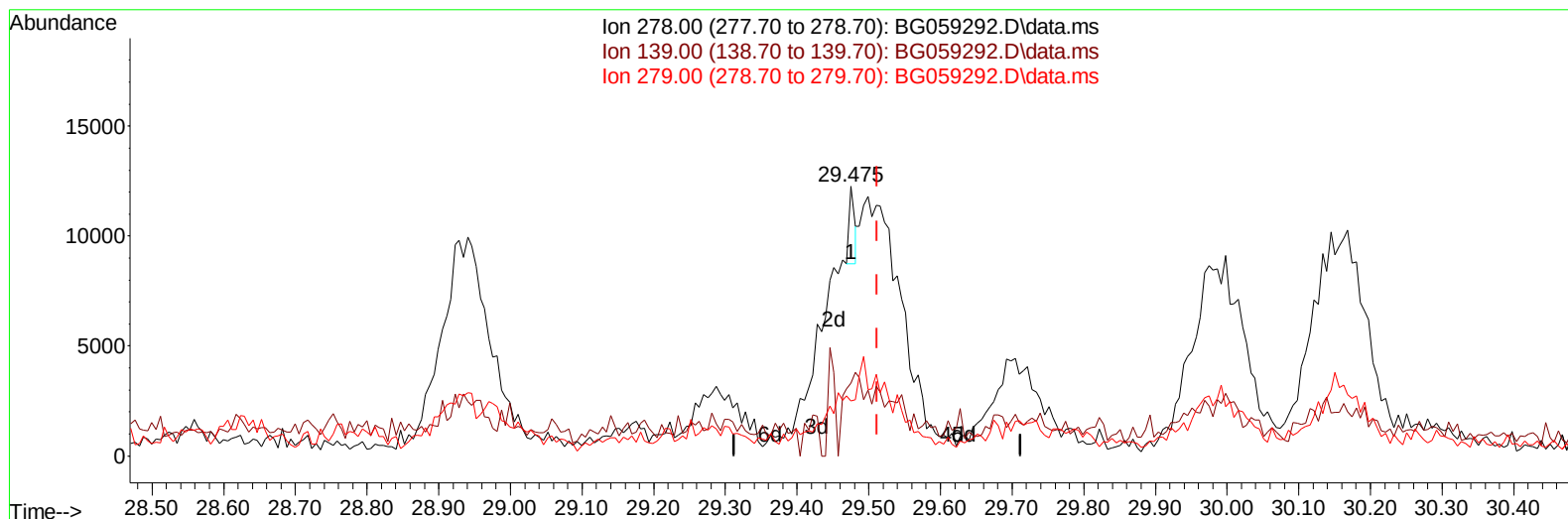
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 Operator : MA/JU
 Sample : 04527-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYH0

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:22:16 2023
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TIC: BG059292.D\data.ms

(95) Dibenzo(a,h)anthracene

29.475min (-0.037) 0.17 ng/ul

response 1828

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	27.08#
279.00	23.20	20.36
0.00	0.00	0.00

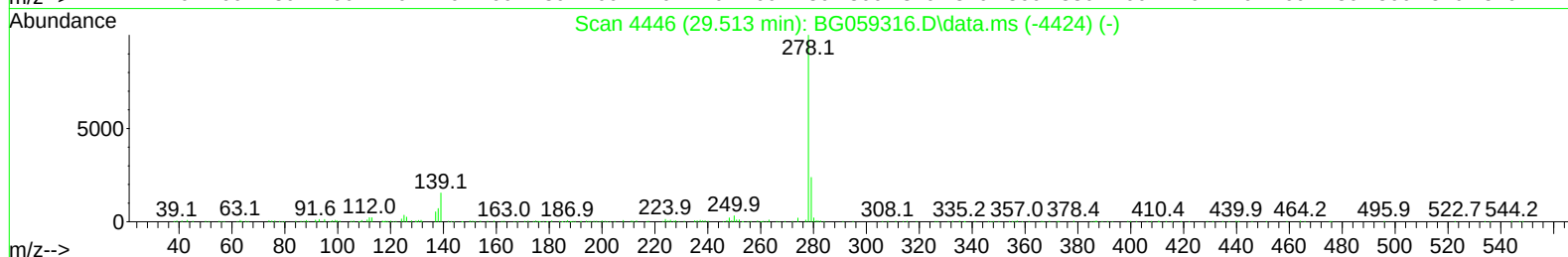
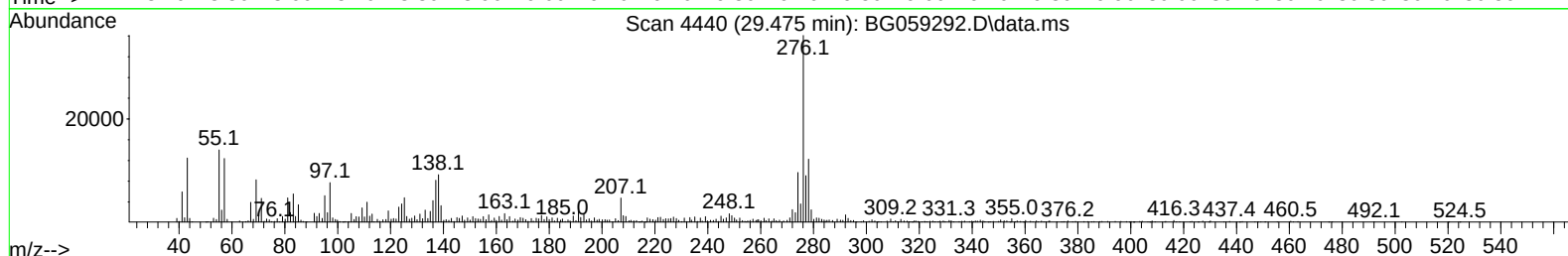
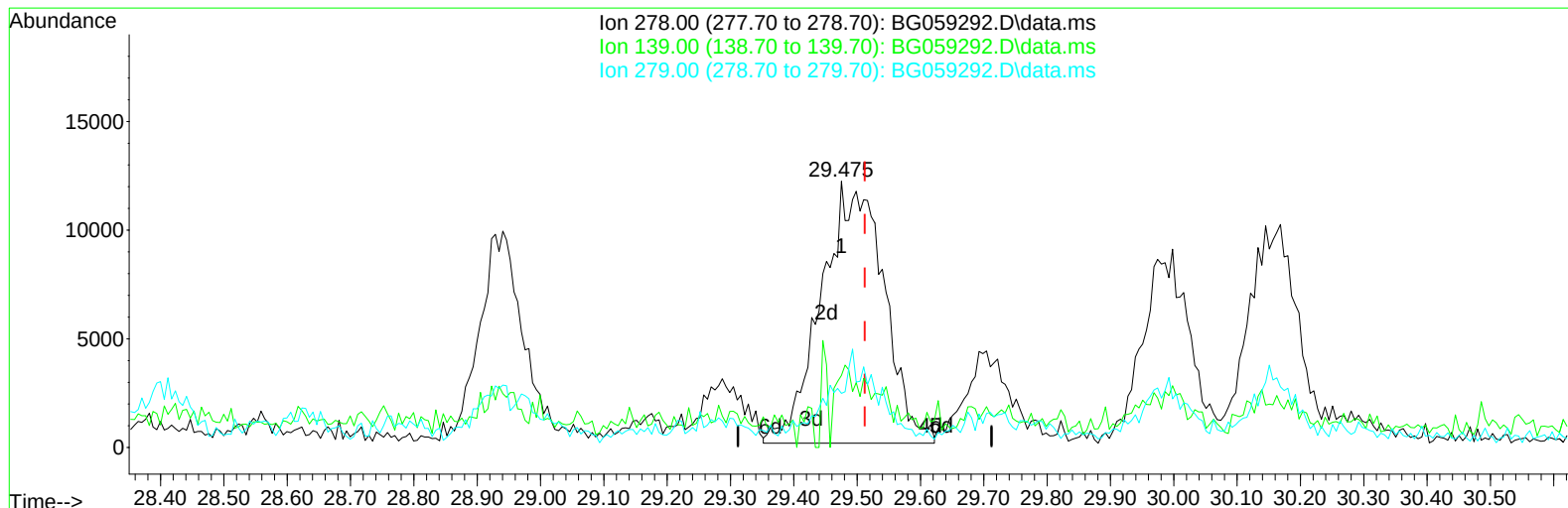
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Sample : 04527-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYH0

Manual IntegrationsAPPROVED

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TIC: BG059292.D\data.ms

(95) Dibenzo(a,h)anthracene

29.475min (-0.037) 7.45 ng/ul m

response 82301

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.10	27.08#
279.00	23.20	20.36
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35176	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	159878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	95515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	196667	20.000	ng/ul	0.00
79) Chrysene-d12	21.925	240	169739	20.000	ng/ul	# 0.00
88) Perylene-d12	25.415	264	206539	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	3581	3.842	ng/uL	0.00
4) Pyridine-d5	3.975	84	3122	1.148	ng/ul	0.00
7) Phenol-d5	7.360	99	45108	12.811	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	31290	13.911	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	37474	15.833	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	19539	7.179	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	19081	16.913	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	20364	18.387	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	35527	15.615	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	17495	4.753	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	123269	17.850	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	158886	18.330	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	5410	4.486	ng/ul	0.00
60) Fluorene-d10	15.850	176	119097	18.120	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	3531m	3.493	ng/ul	0.00
73) Anthracene-d10	17.712	188	166577	18.589	ng/ul	0.00
81) Pyrene-d10	19.992	212	190187	20.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.168	264	183216	18.460	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.395	94	6361	1.816	ng/ul#	83
16) Acetophenone	9.070	105	33072	7.846	ng/ul	95
18) 4-Methylphenol	8.993	108	6125	2.184	ng/ul	80
30) Naphthalene	11.126	128	101618	11.854	ng/ul	94
36) 2-Methylnaphthalene	12.706	142	55518	9.886	ng/ul	98
37) 1-Methylnaphthalene	12.924	142	36401	6.387	ng/ul#	94
43) 1,1'-Biphenyl	13.699	154	13025	1.689	ng/ul	91
50) Acenaphthylene	14.598	152	13101	1.416	ng/ul#	82
52) Acenaphthene	14.927	153	20072	3.161	ng/ul	98
56) Dibenzofuran	15.262	168	22992	2.731	ng/ul	98
61) Fluorene	15.909	166	39454	5.582	ng/ul	91
72) Phenanthrene	17.659	178	265603	24.609	ng/ul	99
74) Anthracene	17.748	178	54067m	4.851	ng/ul	
77) Carbazole	18.024	167	19845	2.185	ng/ul#	84
80) Fluoranthene	19.657	202	327071	27.931	ng/ul	98
82) Pyrene	20.021	202	365034	29.430	ng/ul	97
85) Benzo(a)anthracene	21.902	228	231125	19.343	ng/ul#	92
87) Chrysene	21.972	228	304614	26.992	ng/ul#	94
90) Benzo(b)fluoranthene	24.293	252	566420	44.776	ng/ul#	96
91) Benzo(k)fluoranthene	24.352	252	169370m	13.214	ng/ul	
93) Benzo(a)pyrene	25.251	252	352143	29.344	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.446	276	278748	20.520	ng/ul#	85
95) Dibenzo(a,h)anthracene	29.475	278	82301m	7.450	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	30.732	276	291301	26.373	ng/ul	92

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