

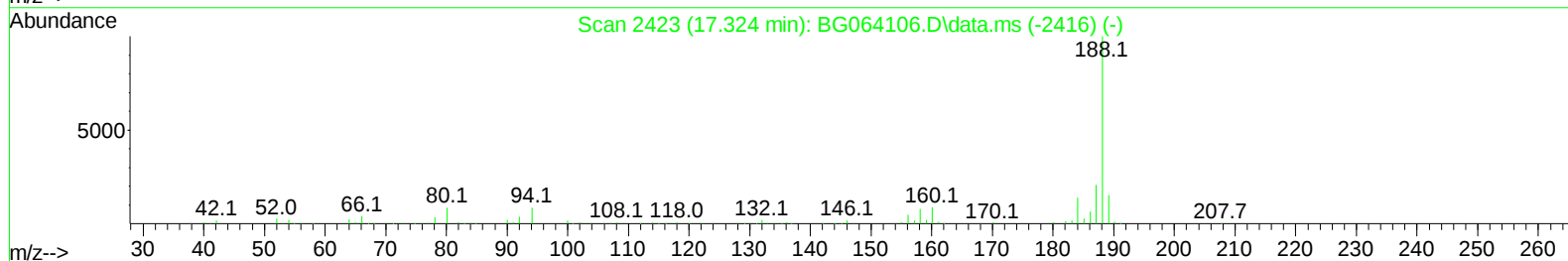
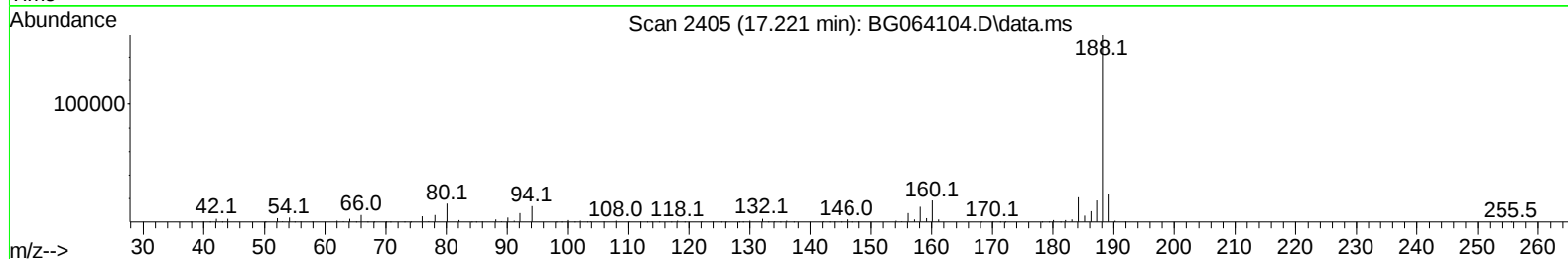
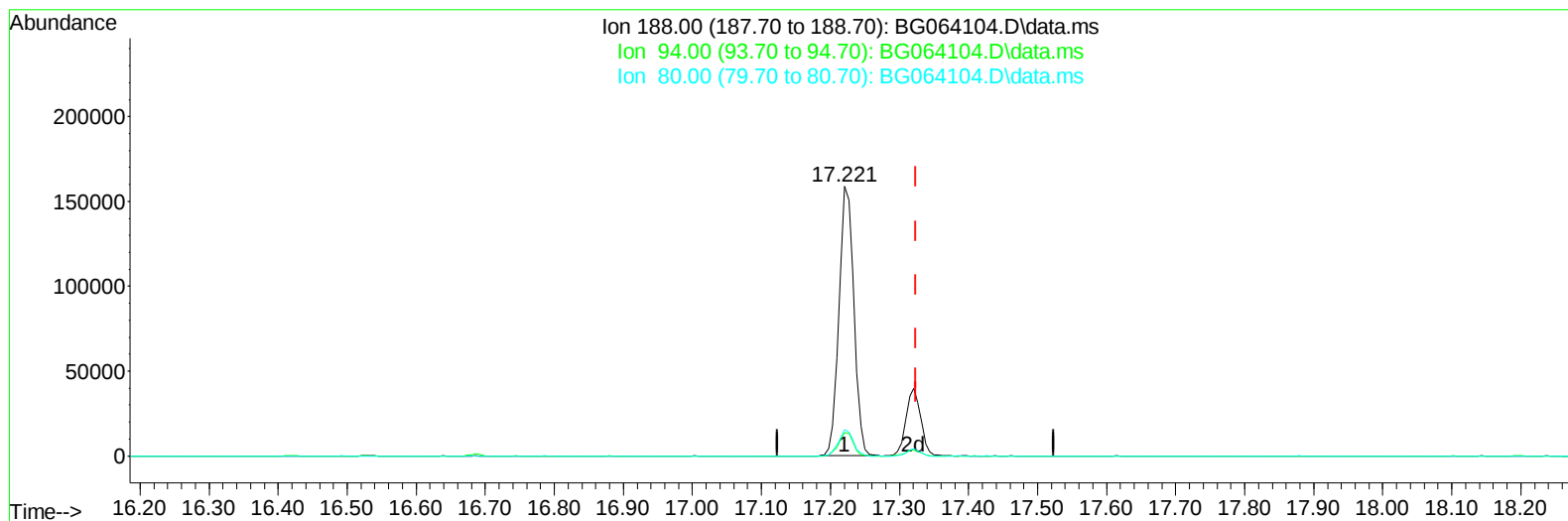
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
Data File : BG064104.D
Acq On : 14 Mar 2025 10:33
Operator : RC/JU
Sample : SST00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005405

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/14/2025
Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 14 13:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 13:20:40 2025
Response via : Initial Calibration



TIC: BG064104.D\data.ms

(73) Anthracene-d10 (S)

17.221min (-0.103) 20.32 ng/u1

response 239164

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.70	8.74
80.00	8.50	9.87
0.00	0.00	0.00

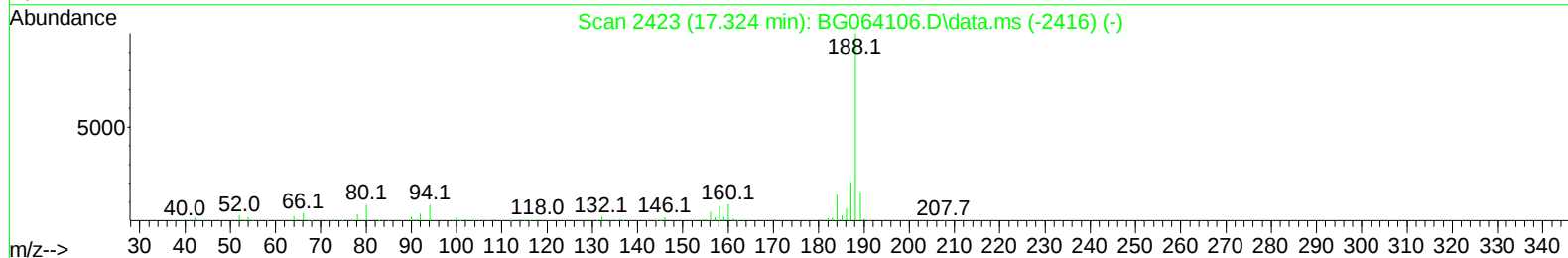
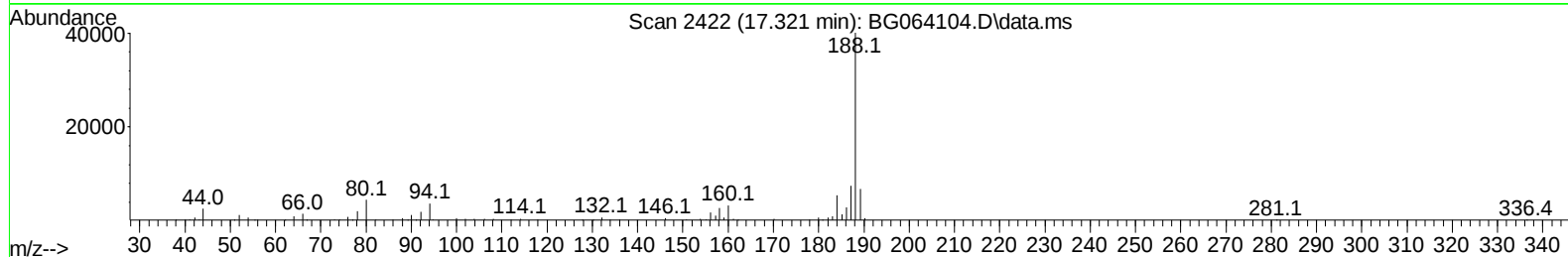
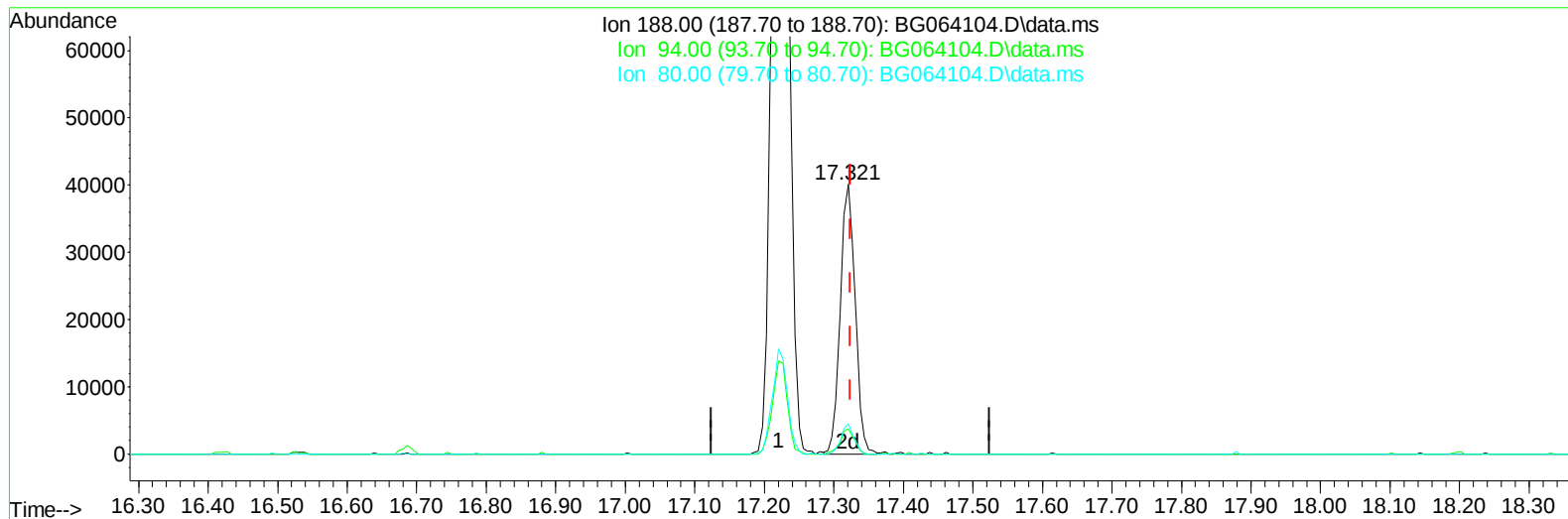
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
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Supervised By :Jagrut Upadhyay 03/17/2025



TIC: BG064104.D\data.ms

(73) Anthracene-d10 (S)

17.321min (-0.003) 5.05 ng/u1 m

response 59417

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.70	9.25
80.00	8.50	11.14#
0.00	0.00	0.00

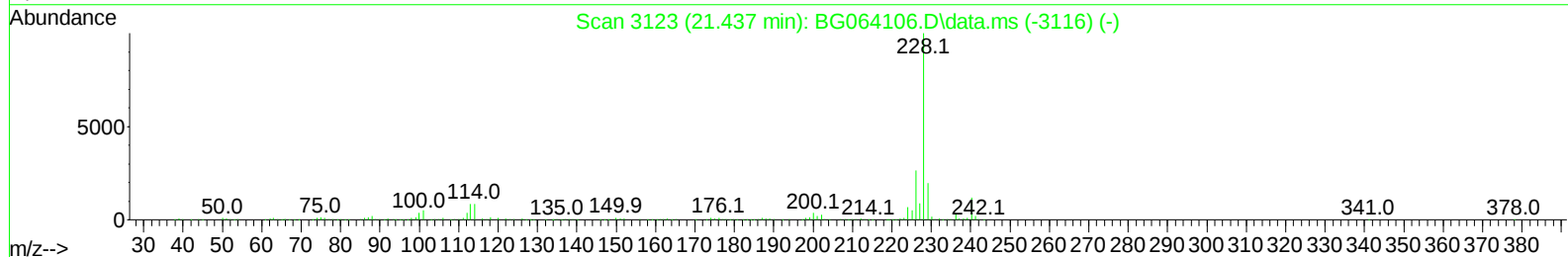
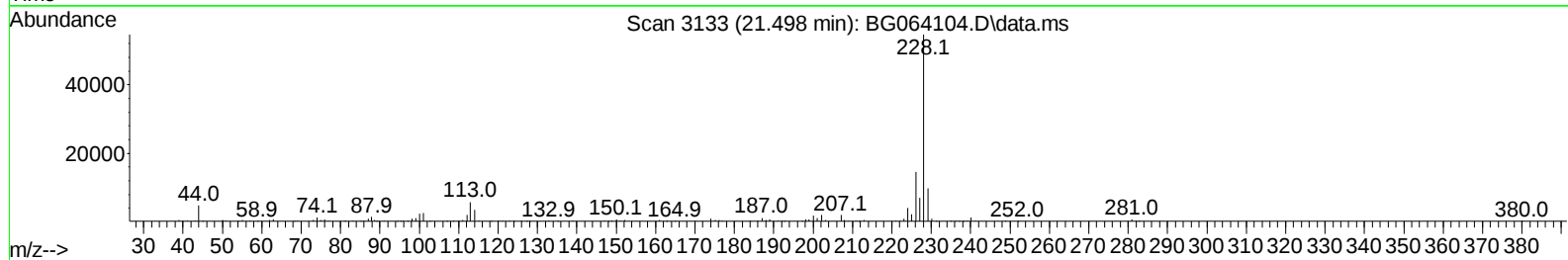
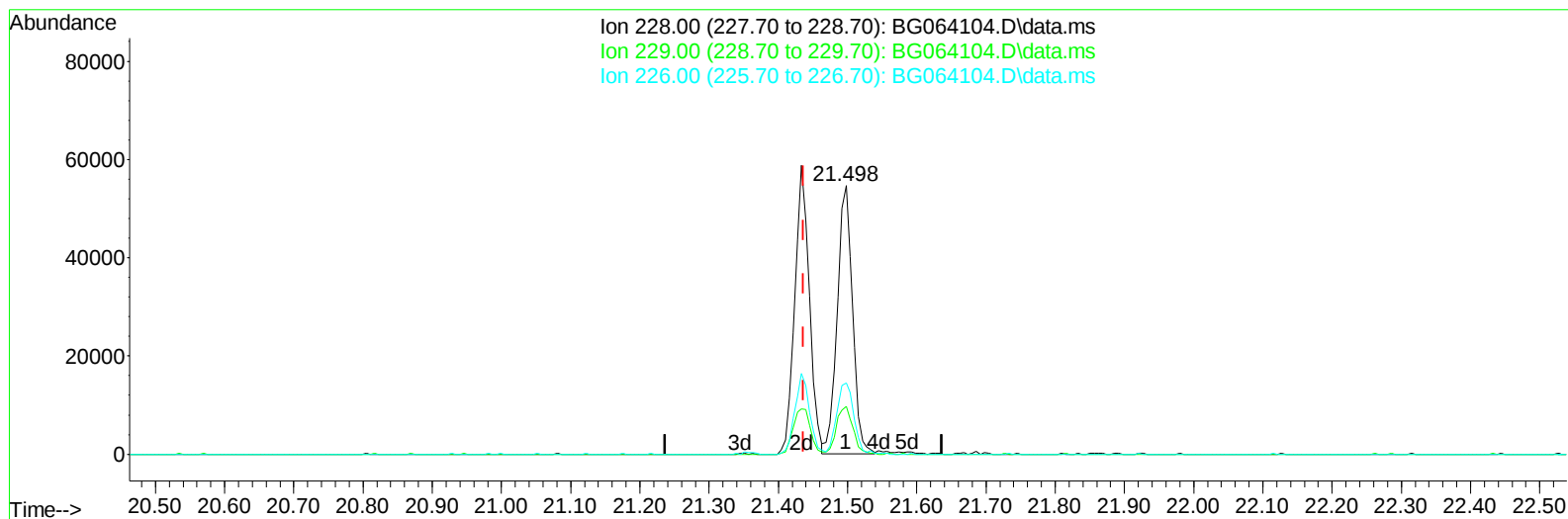
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
Data File : BG064104.D
Acq On : 14 Mar 2025 10:33
Operator : RC/JU
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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TIC: BG064104.D\data.ms

(85) Benzo(a)anthracene

21.498min (+ 0.061) 4.99 ng/u1

response 83357

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	17.81
226.00	26.40	26.60
0.00	0.00	0.00

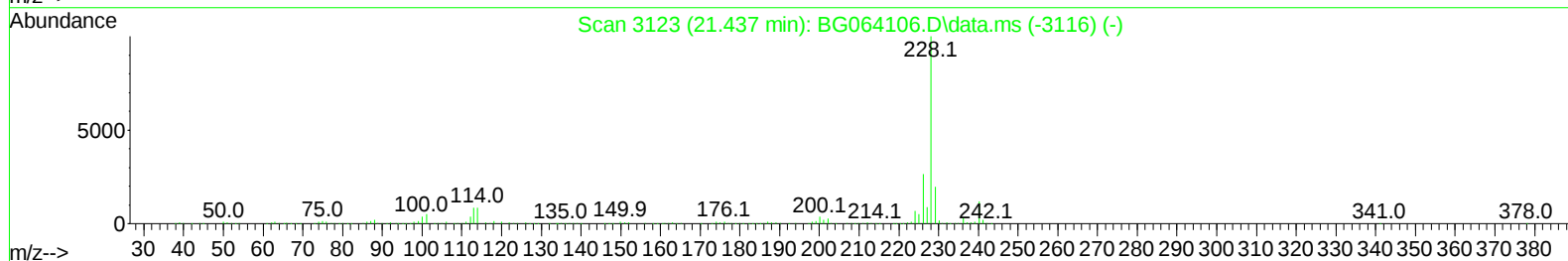
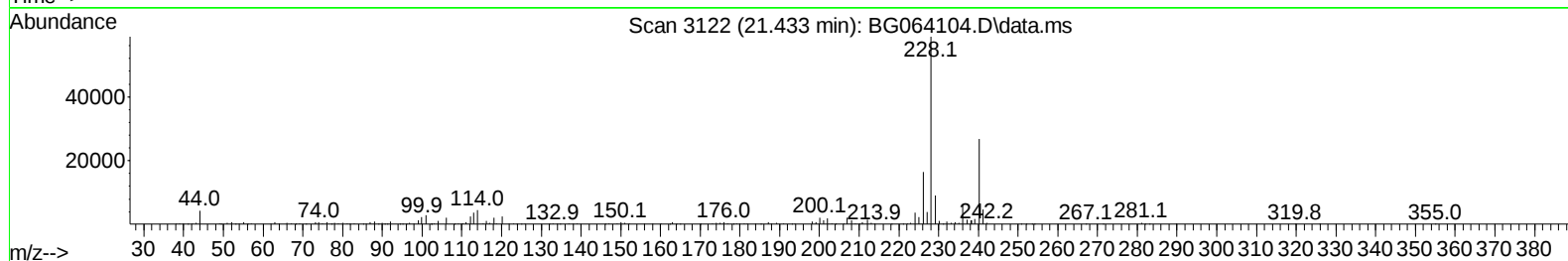
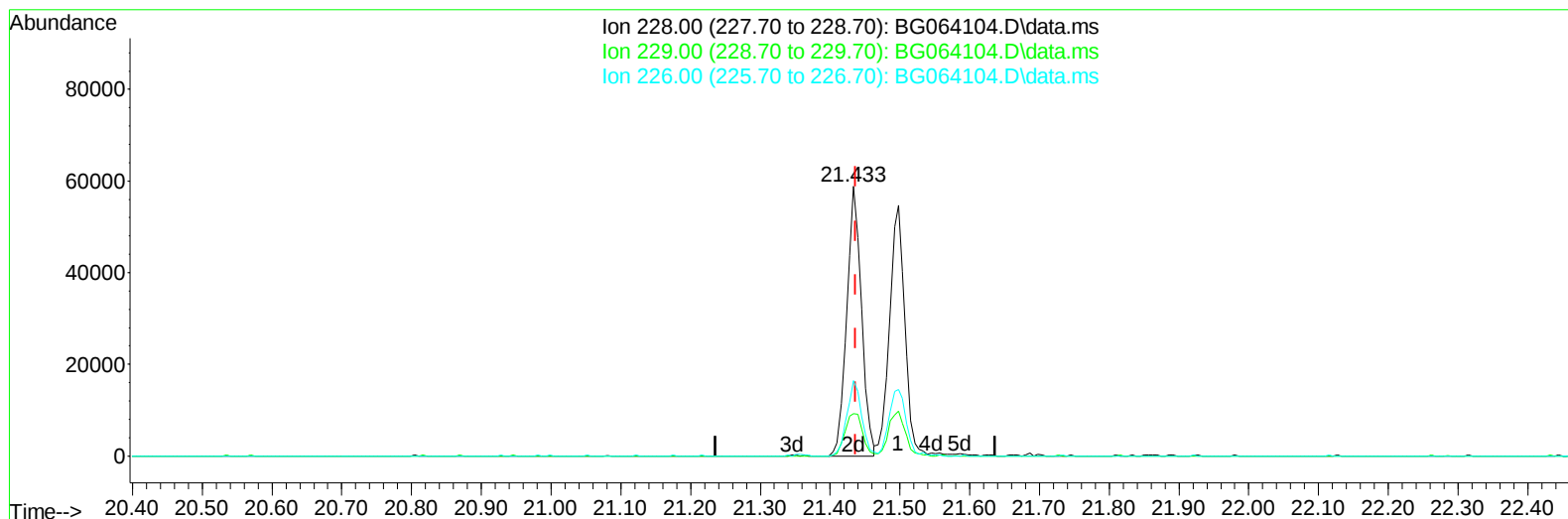
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
Data File : BG064104.D
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Operator : RC/JU
Sample : SST00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG064104.D\data.ms

(85) Benzo(a)anthracene

21.433min (-0.003) 5.17 ng/ul m

response 86427

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	15.61#
226.00	26.40	27.94
0.00	0.00	0.00

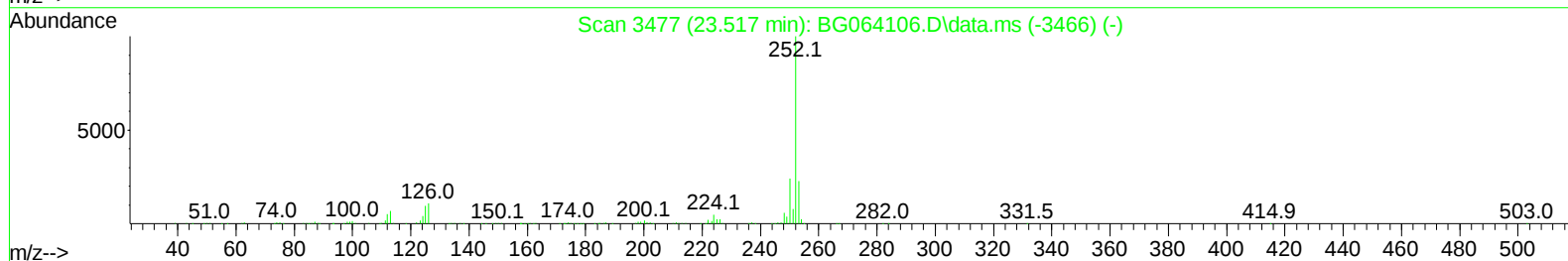
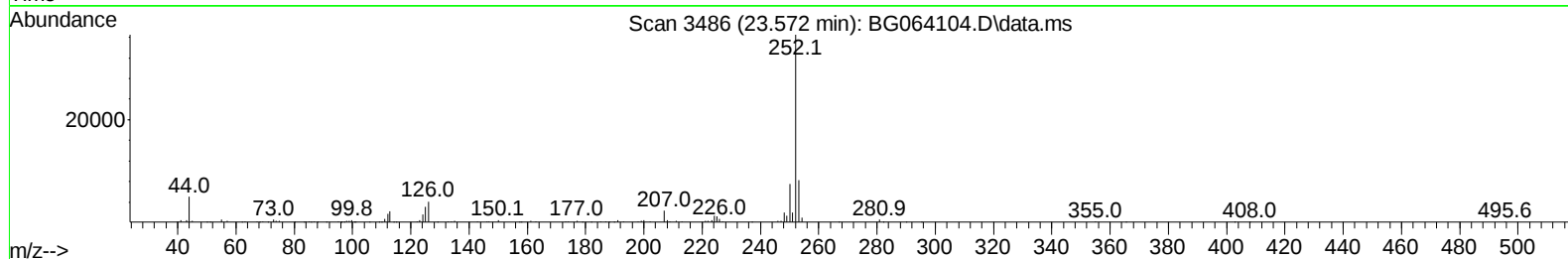
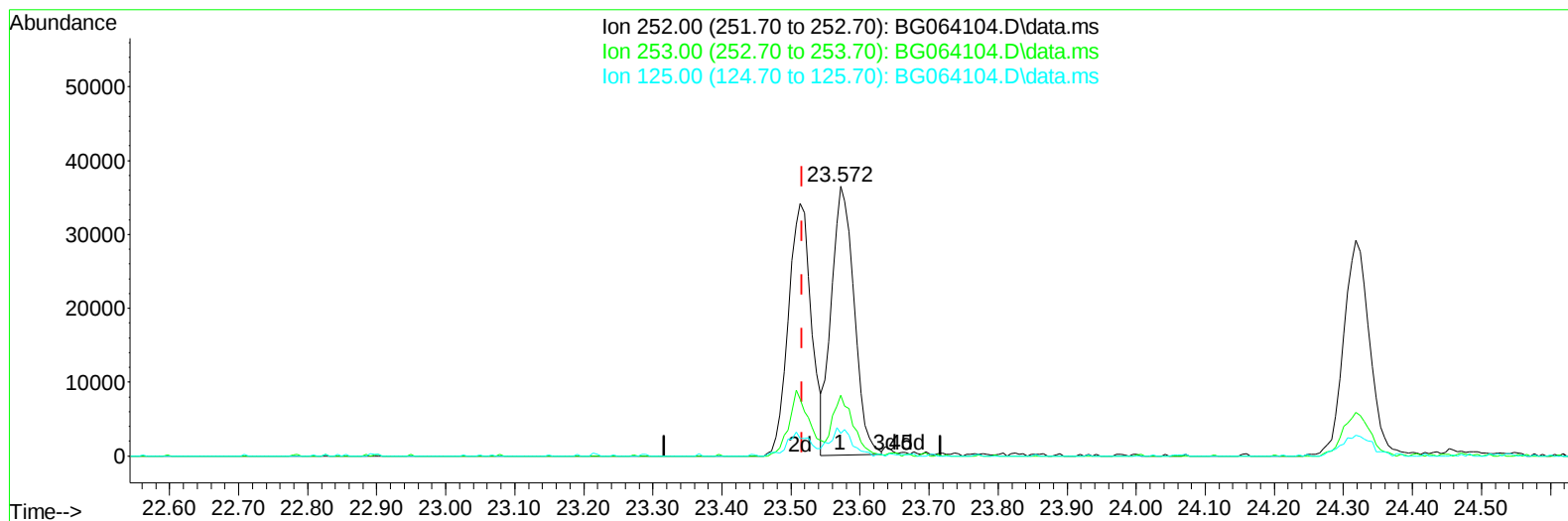
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
Data File : BG064104.D
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Operator : RC/JU
Sample : SST00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG064104.D\data.ms

(90) Benzo(b)fluoranthene

23.572min (+ 0.056) 5.34 ng/u1

response 83365

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	22.63
125.00	9.70	8.37
0.00	0.00	0.00

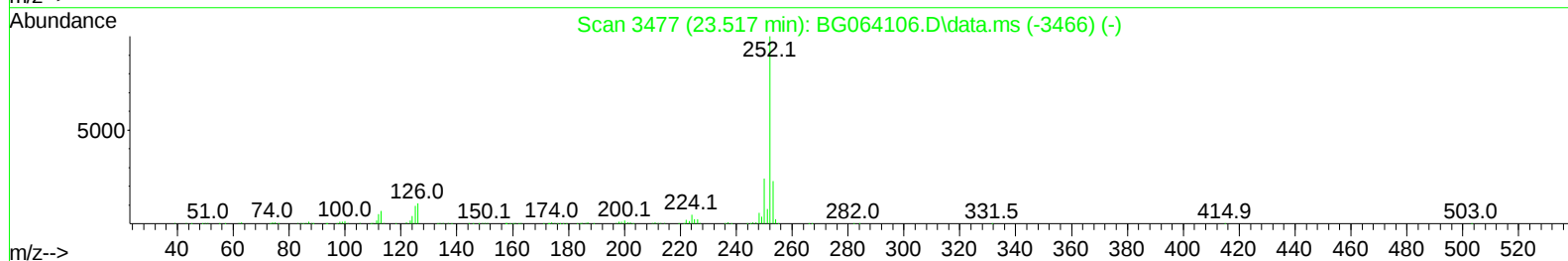
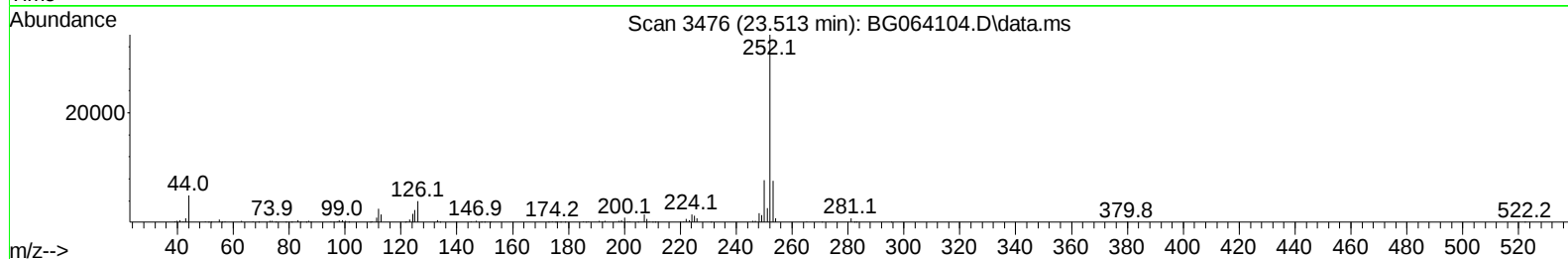
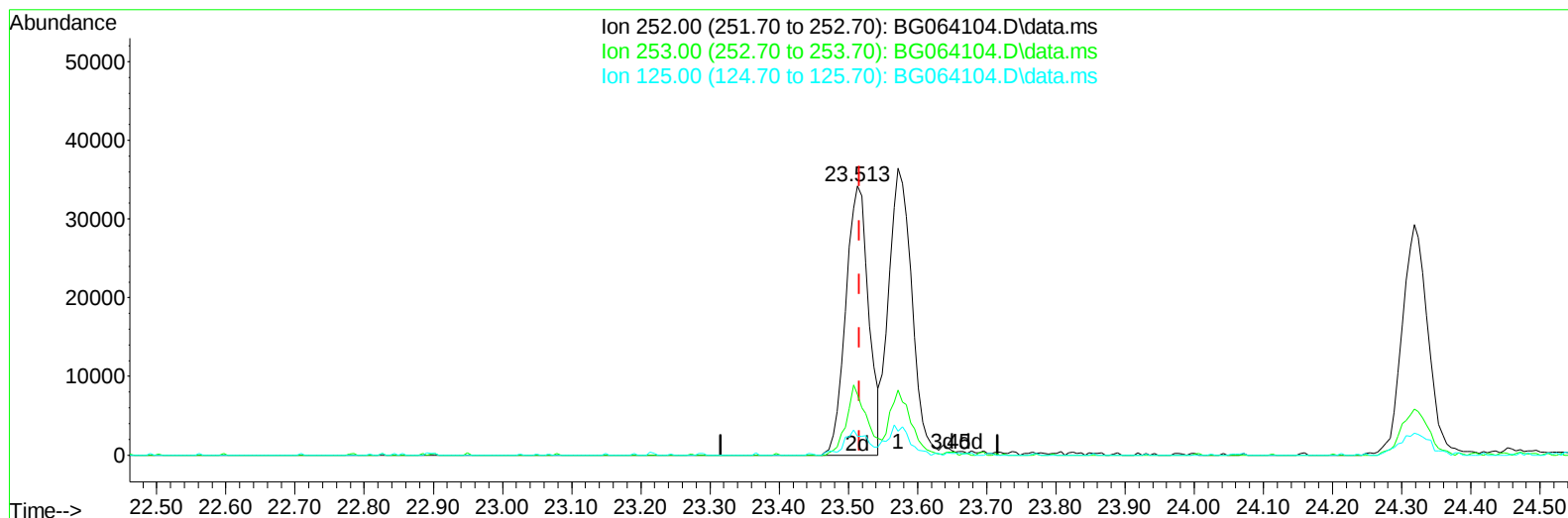
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Data File : BG064104.D
Acq On : 14 Mar 2025 10:33
Operator : RC/JU
Sample : SST00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005405

Manual IntegrationsAPPROVED

Quant Time: Mar 14 13:21:53 2025
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Supervised By :Jagrut Upadhyay 03/17/2025



TIC: BG064104.D\data.ms

(90) Benzo(b)fluoranthene

23.513min (-0.003) 5.06 ng/u1 m

response 78998

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	22.47
125.00	9.70	6.89#
0.00	0.00	0.00

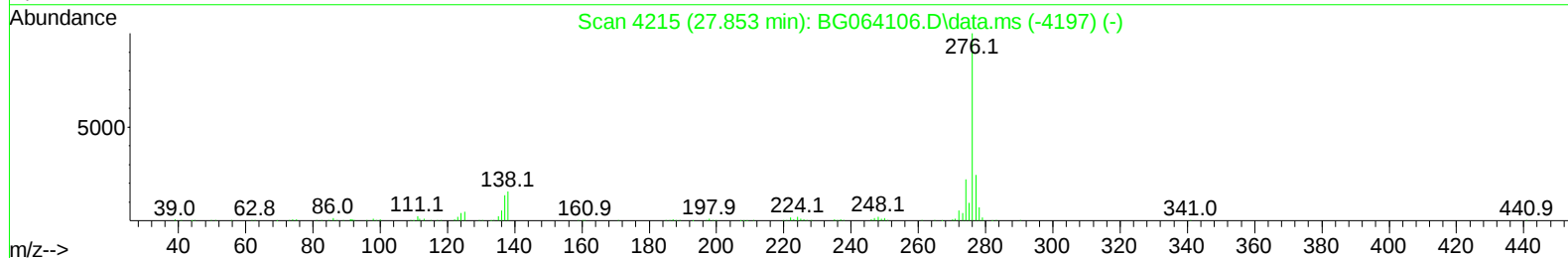
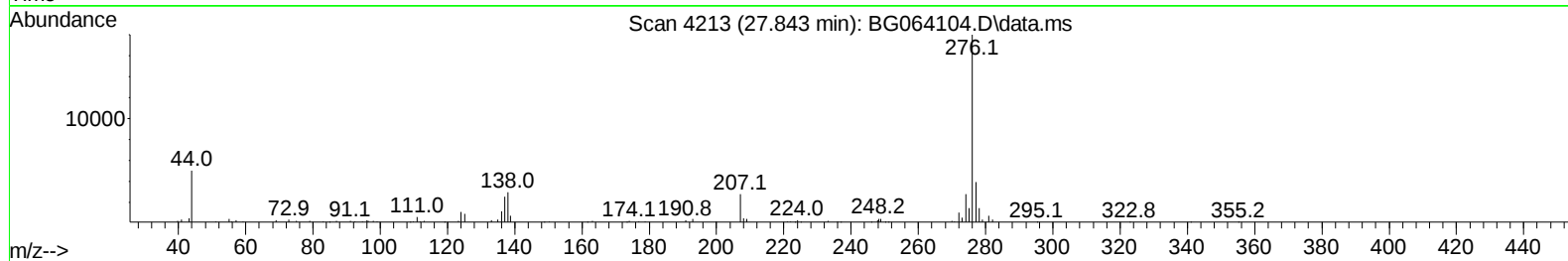
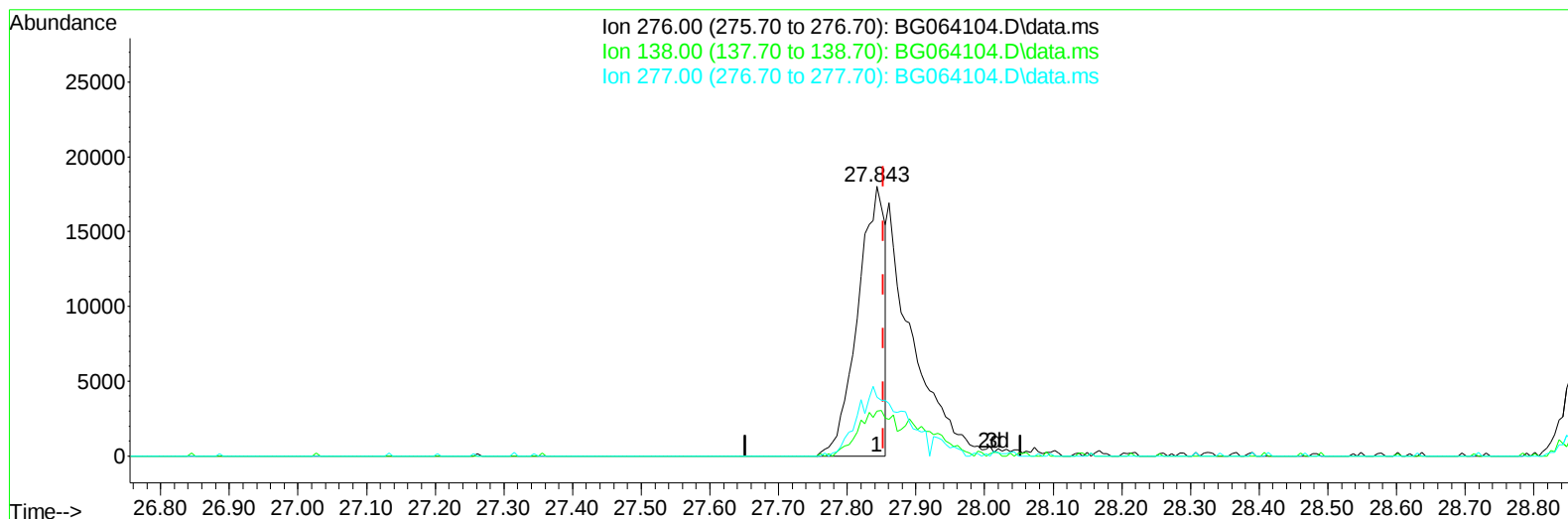
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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TIC: BG064104.D\data.ms

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

27.843min (-0.009) 2.68 ng/u1

response 49178

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.60	16.72
277.00	24.30	21.92
0.00	0.00	0.00

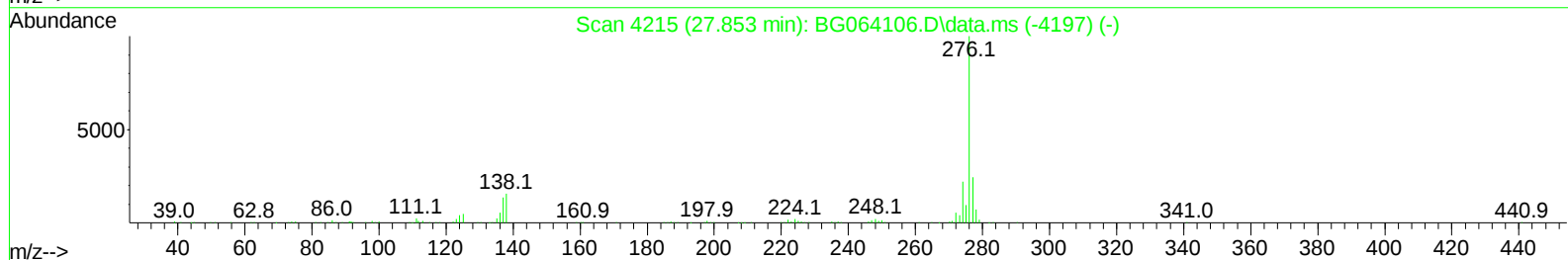
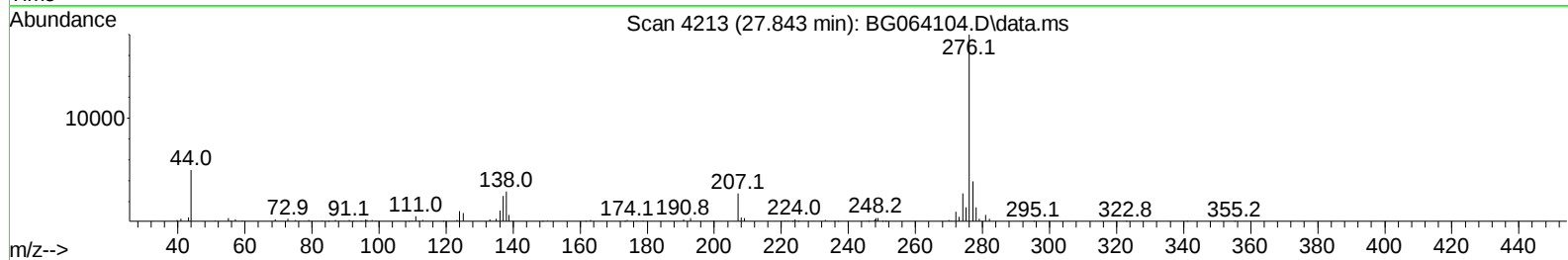
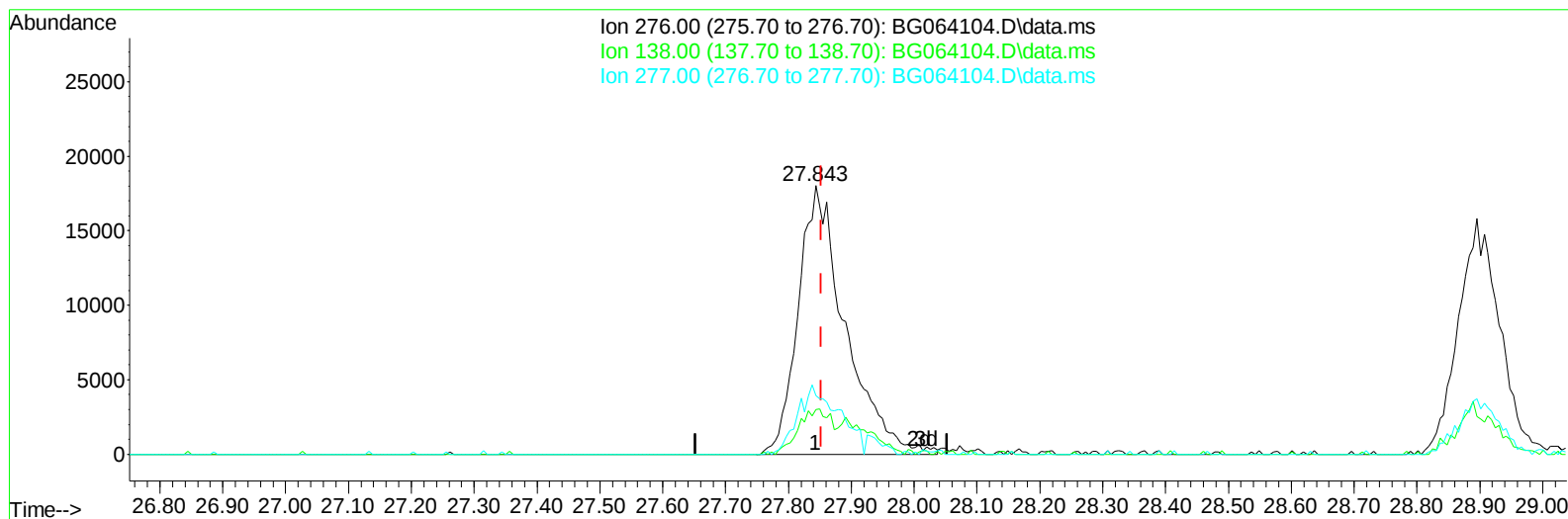
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
Data File : BG064104.D
Acq On : 14 Mar 2025 10:33
Operator : RC/JU
Sample : SSTD00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005405

Manual IntegrationsAPPROVED

Quant Time: Mar 14 13:21:53 2025
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Quant Title : SVOA CALIBRATION
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Supervised By :Jagrut Upadhyay 03/17/2025



TIC: BG064104.D\data.ms

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

27.843min (-0.009) 5.09 ng/ul m

response 93416

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.60	16.72
277.00	24.30	21.92
0.00	0.00	0.00

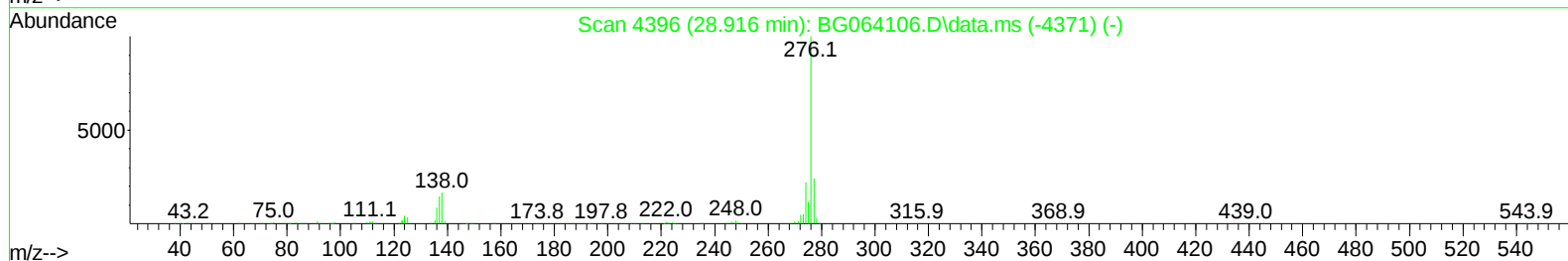
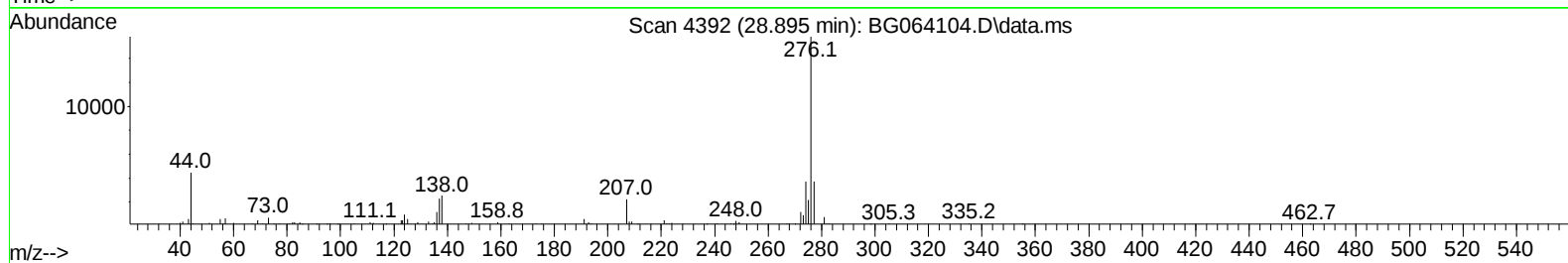
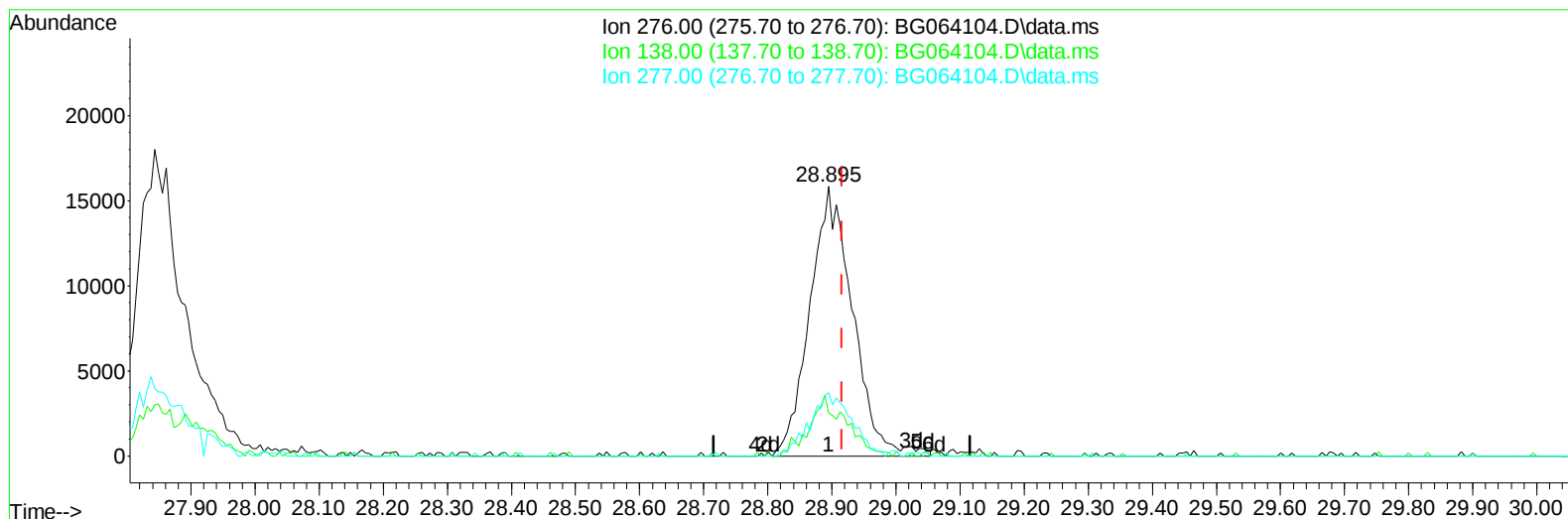
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TIC: BG064104.D\data.ms

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

28.895min (-0.021) 5.06 ng/ul m

response 73305

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.70	16.05
277.00	23.90	23.51
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Mar 14 13:38:06 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	32001	20.00	ng/ul	0.00
20) Naphthalene-d8	10.646	136	147161	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	105659	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	239187	20.00	ng/ul	0.00
79) Chrysene-d12	21.451	240	249581	20.00	ng/ul	0.00
88) Perylene-d12	24.465	264	265023	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	1370	1.51	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.391	132	10935	5.11	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	9.013	128	5092	5.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.735	143	4712	5.60	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	10285	4.73	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.889	166	40163	5.04	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	44927	4.87	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.476	176	35924	5.00	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.321	188	59417m	5.05	ng/ul	0.00
81) Pyrene-d10	19.606	212	66169	4.99	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.254	264	64916	4.83	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	1876	1.86	ng/uL#	79
12) 2-Chlorophenol	7.426	128	10719	4.81	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.654	70	10441	4.78	ng/ul#	90
19) Hexachloroethane	8.942	117	5123	5.42	ng/ul	93
22) Nitrobenzene	9.054	77	13782	5.08	ng/ul#	92
23) Isophorone	9.571	82	27763	4.64	ng/ul	98
25) 2-Nitrophenol	9.765	139	5225	5.75	ng/ul	97
26) 2,4-Dimethylphenol	9.823	107	12994	4.87	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.064	93	15434	4.49	ng/ul	100
29) 2,4-Dichlorophenol	10.293	162	11034	5.37	ng/ul	90
30) Naphthalene	10.699	128	38905	4.77	ng/ul	95
33) Hexachlorobutadiene	10.993	225	8414	5.04	ng/ul	96
35) 4-Chloro-3-methylphenol	11.927	107	13498	5.01	ng/ul#	95
36) 2-Methylnaphthalene	12.303	142	28995	4.95	ng/ul	96
37) 1-Methylnaphthalene	12.526	142	30587	5.14	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.679	216	15839	4.96	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.914	196	9445	5.42	ng/ul	92
42) 2,4,5-Trichlorophenol	12.984	196	10607	5.41	ng/ul	98
43) 1,1'-Biphenyl	13.319	154	40610	4.97	ng/ul	96
44) 2-Chloronaphthalene	13.355	162	30194	4.93	ng/ul	96
45) 2-Nitroaniline	13.554	65	8190	4.77	ng/ul#	89
47) Dimethylphthalate	13.936	163	37578	4.84	ng/ul	99
48) 2,6-Dinitrotoluene	14.048	165	5812	4.70	ng/ul#	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.201	152	46330	4.87	ng/ul	98
52) Acenaphthene	14.547	153	34943	4.97	ng/ul	91
56) Dibenzofuran	14.882	168	47595	4.84	ng/ul	99
57) 2,4-Dinitrotoluene	14.841	165	9615	5.22	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.105	232	8972	5.33	ng/ul#	91
59) Diethylphthalate	15.305	149	41167	5.13	ng/ul	96
61) Fluorene	15.528	166	40174	5.06	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	20432	5.13	ng/ul	93
67) N-Nitrosodiphenylamine	15.740	169	34272	5.07	ng/ul	92
68) 4-Bromophenyl-phenylether	16.422	248	12960	5.07	ng/ul	96
69) Hexachlorobenzene	16.533	284	14360	4.94	ng/ul	94
72) Phenanthrene	17.268	178	66227	4.95	ng/ul	99
74) Anthracene	17.356	178	68105	5.01	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.284	216	15677	4.87	ng/ul	92
76) Pentachlorobenzene	14.800	250	16964	4.94	ng/ul#	89
78) Di-n-butylphthalate	18.196	149	75835	5.65	ng/ul	97
80) Fluoranthene	19.277	202	81014	5.35	ng/ul	98
82) Pyrene	19.635	202	85367	5.17	ng/ul#	95
83) Butylbenzylphthalate	20.534	149	32455	6.41	ng/ul	94
85) Benzo(a)anthracene	21.433	228	86427m	5.17	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.369	149	50646	6.27	ng/ul	99
87) Chrysene	21.498	228	83820	5.13	ng/ul	95
90) Benzo(b)fluoranthene	23.513	252	78998m	5.06	ng/ul	
91) Benzo(k)fluoranthene	23.572	252	84134	5.08	ng/ul	99
93) Benzo(a)pyrene	24.318	252	74888	4.98	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.843	276	93416m	5.09	ng/ul	
95) Dibenzo(a,h)anthracene	27.908	278	72025	4.87	ng/ul	94
96) Benzo(g,h,i)perylene	28.895	276	73305m	5.06	ng/ul	

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

