

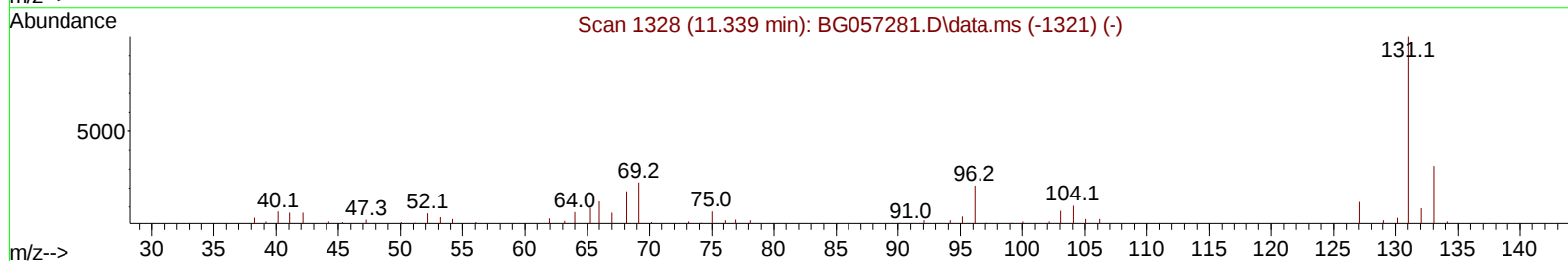
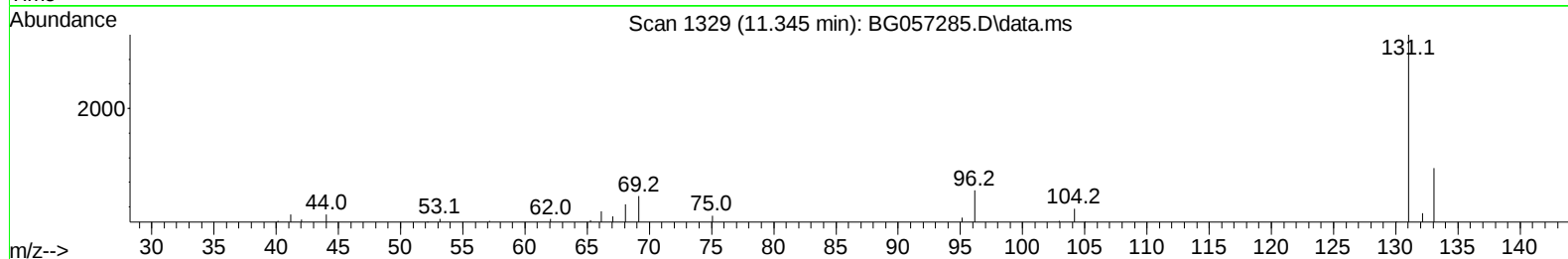
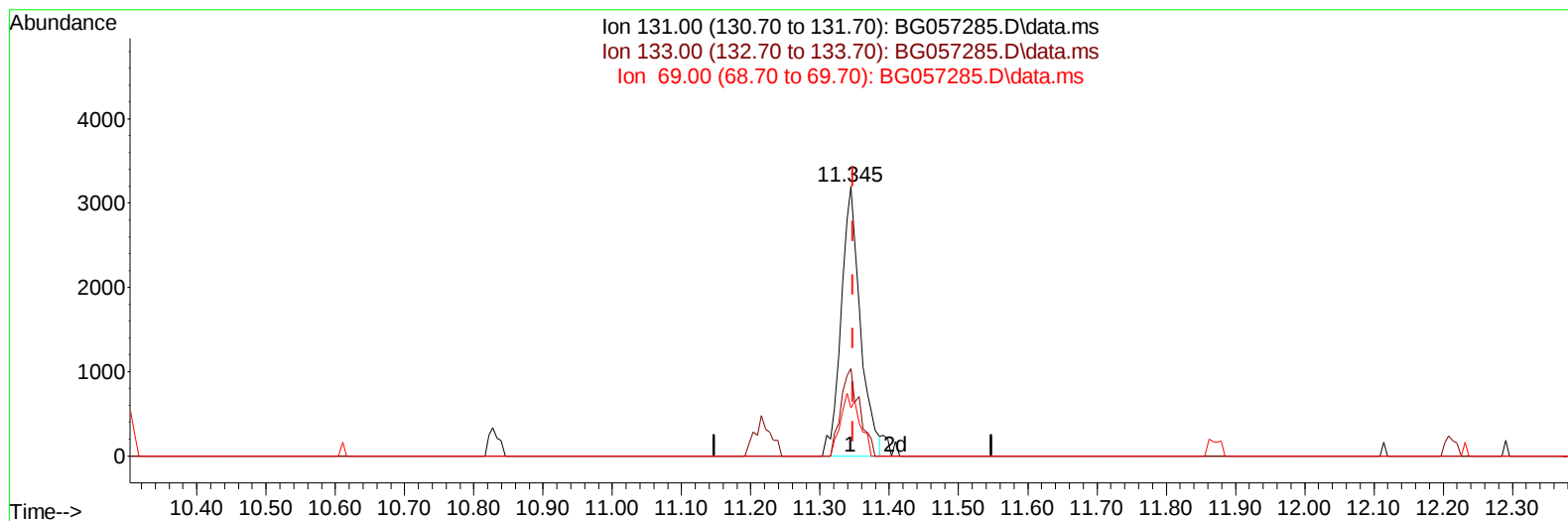
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 01:15:07 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



TIC: BG057285.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.345min (-0.003) 3.91 ng/u1

response 6157

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.10	32.34
69.00	21.70	17.89
0.00	0.00	0.00

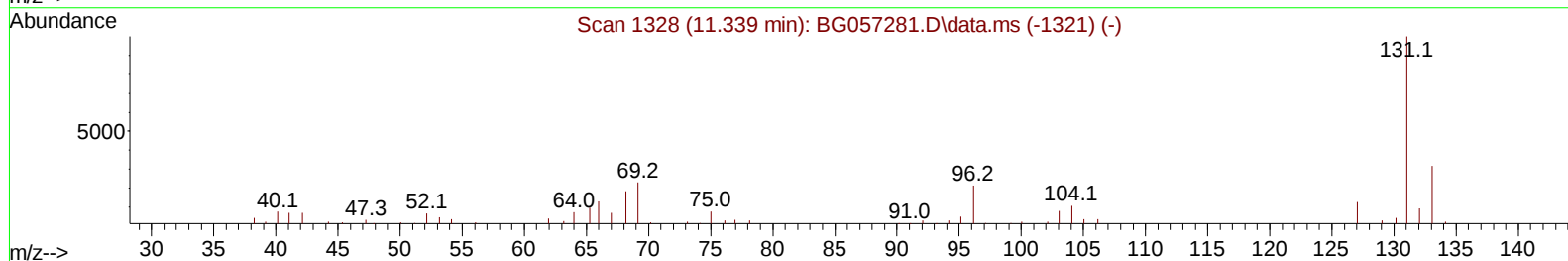
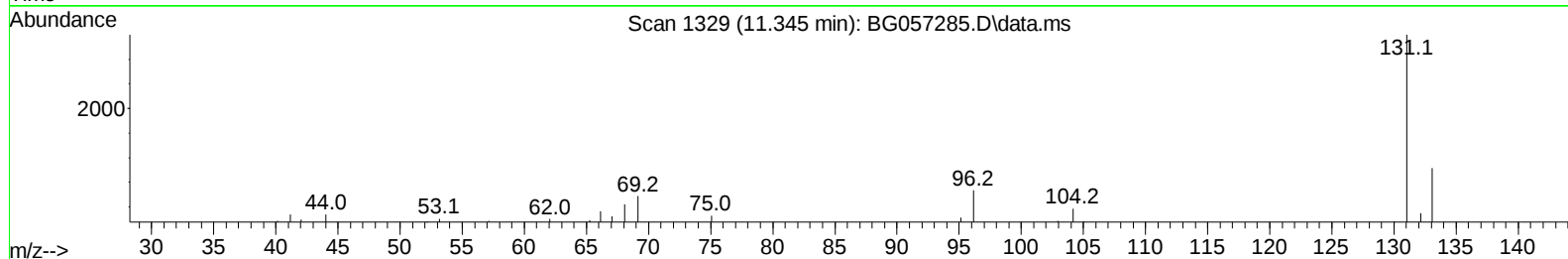
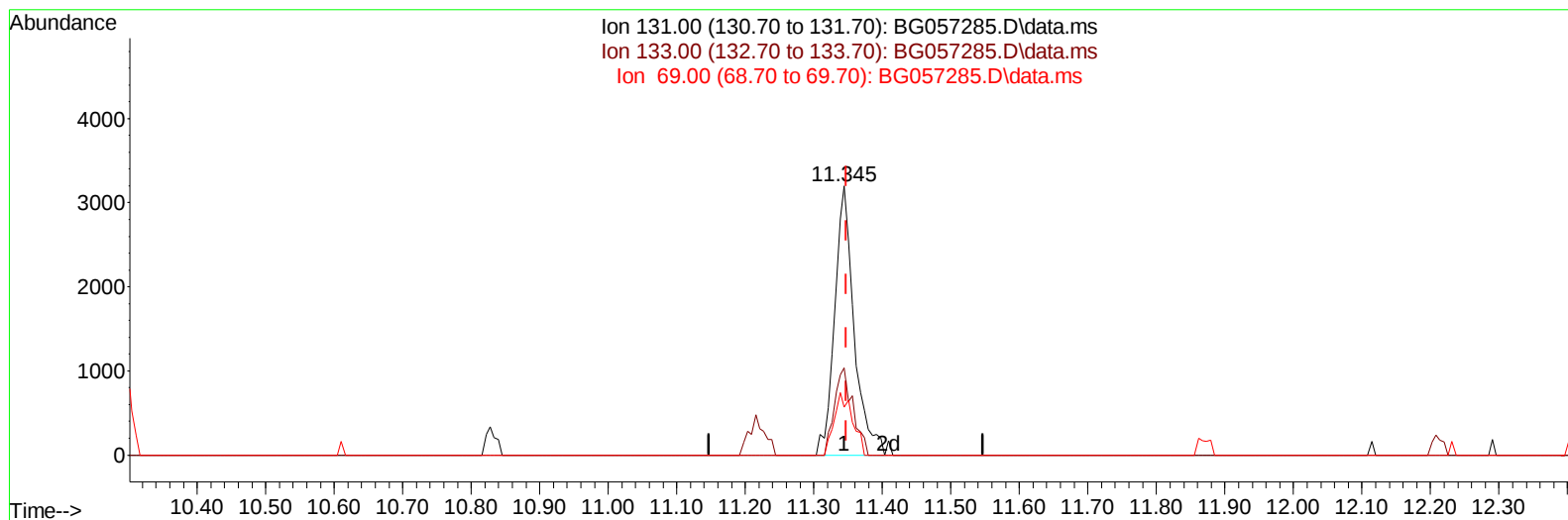
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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057285.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.345min (-0.003) 4.00 ng/ul m

response 6313

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.10	32.34
69.00	21.70	17.89
0.00	0.00	0.00

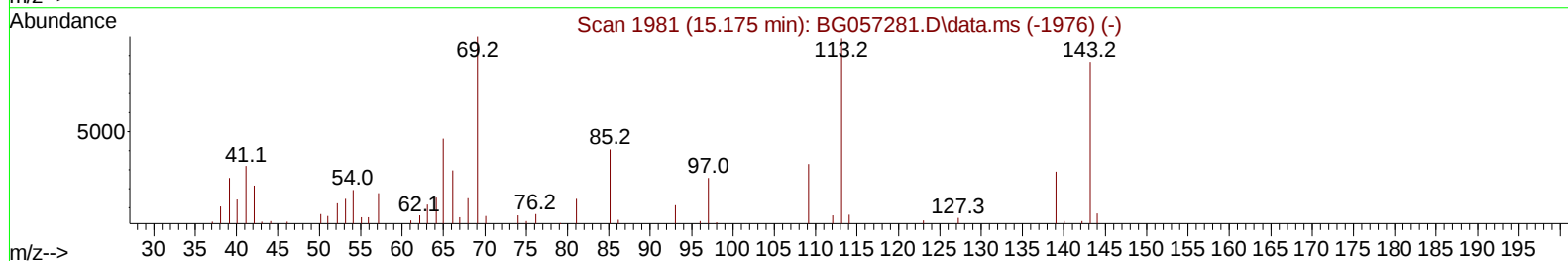
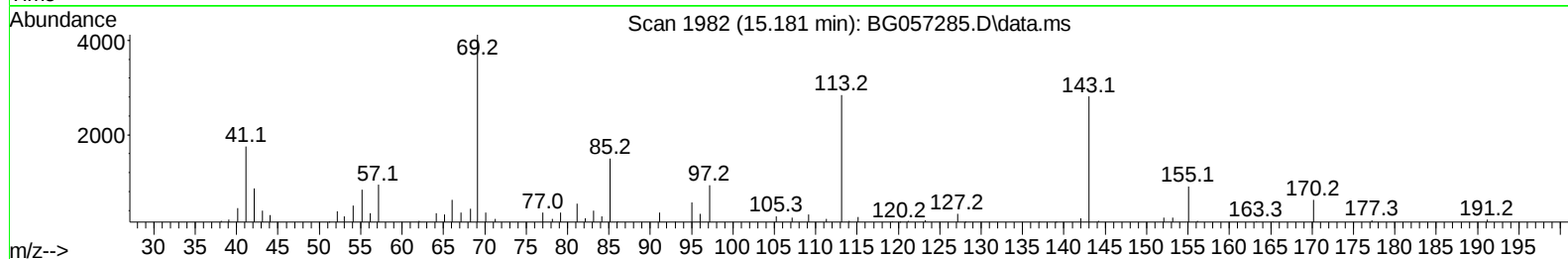
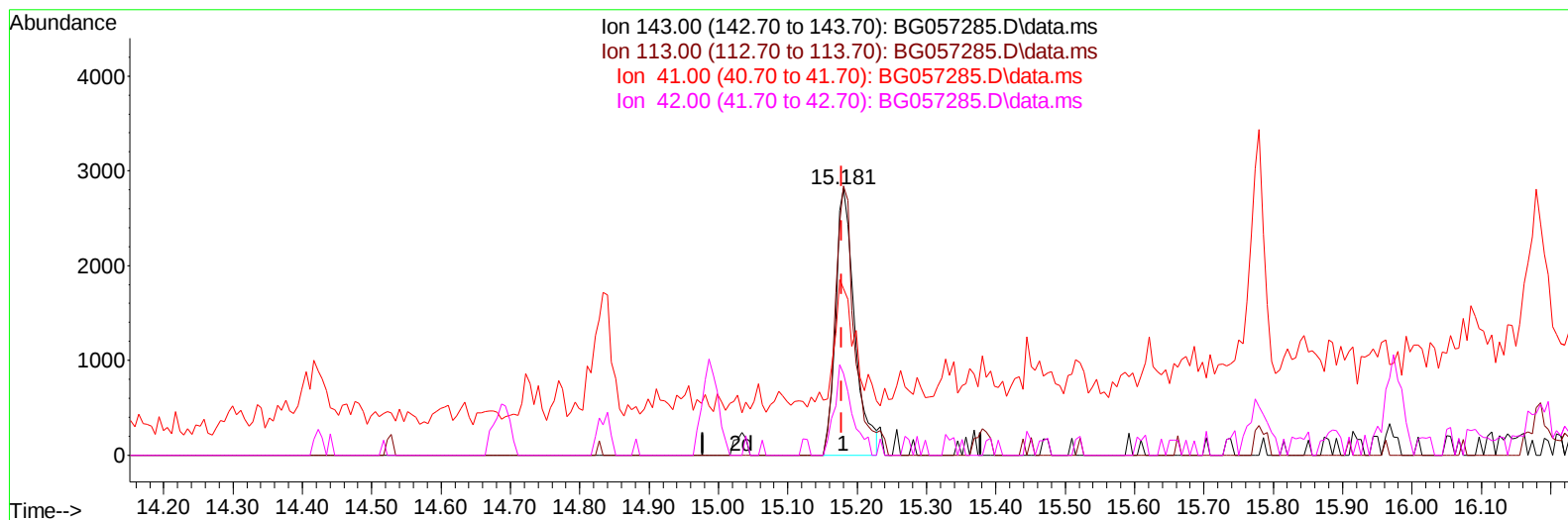
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TIC: BG057285.D\data.ms

(54) 4-Nitrophenol-d4 (S)**15.181min (+ 0.003) 9.54 ng/u1****response 5360**

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	100.92
41.00	44.40	62.50#
42.00	28.40	30.57

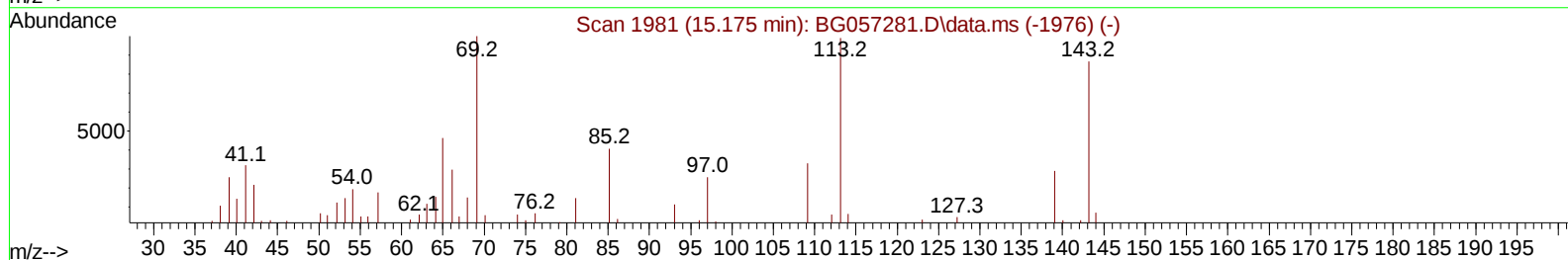
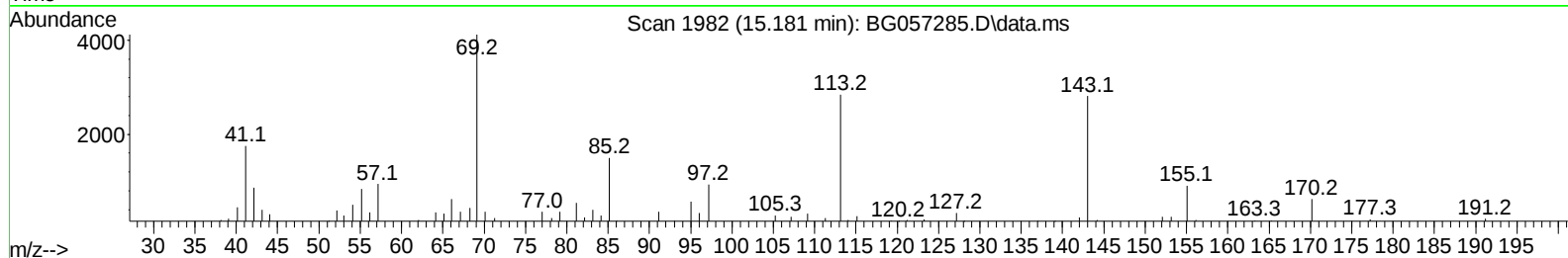
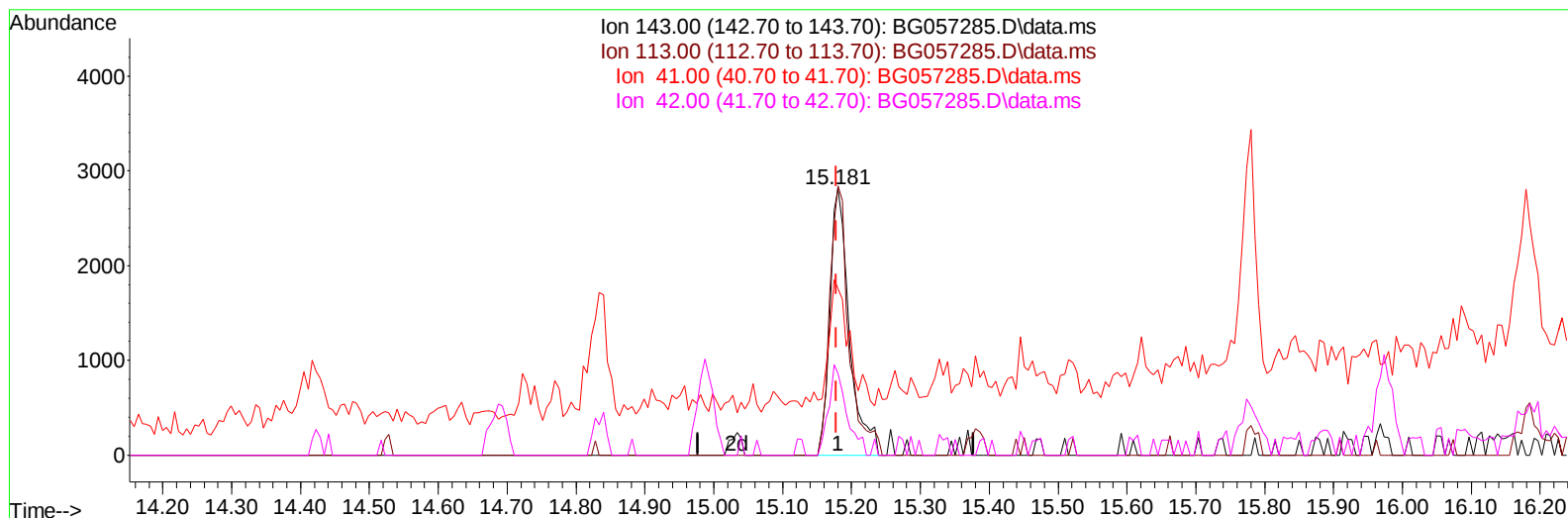
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057285.D
 Acq On : 3 May 2023 13:51
 Operator : CG/JU
 Sample : 02419-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG057285.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.181min (+ 0.003) 9.73 ng/ul m

response 5465

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	100.92
41.00	44.40	62.50#
42.00	28.40	30.57

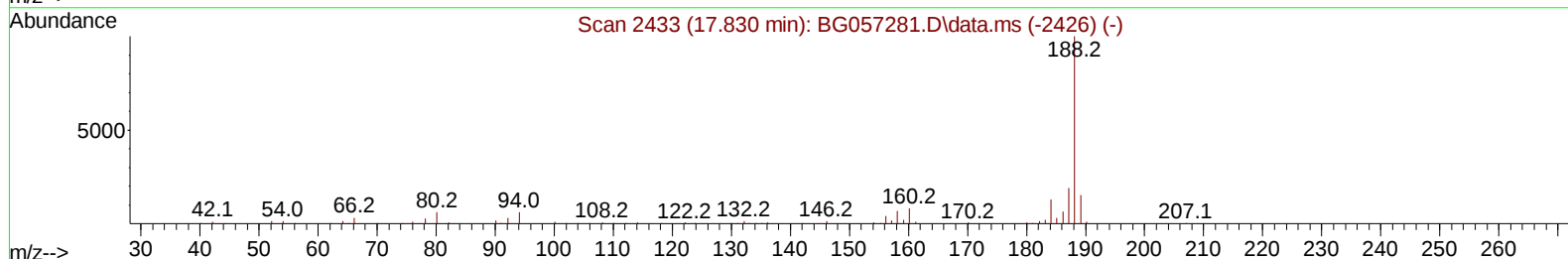
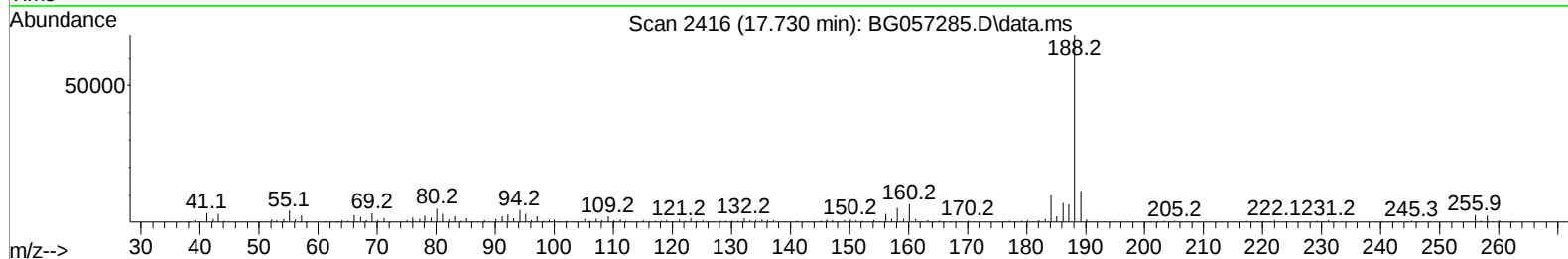
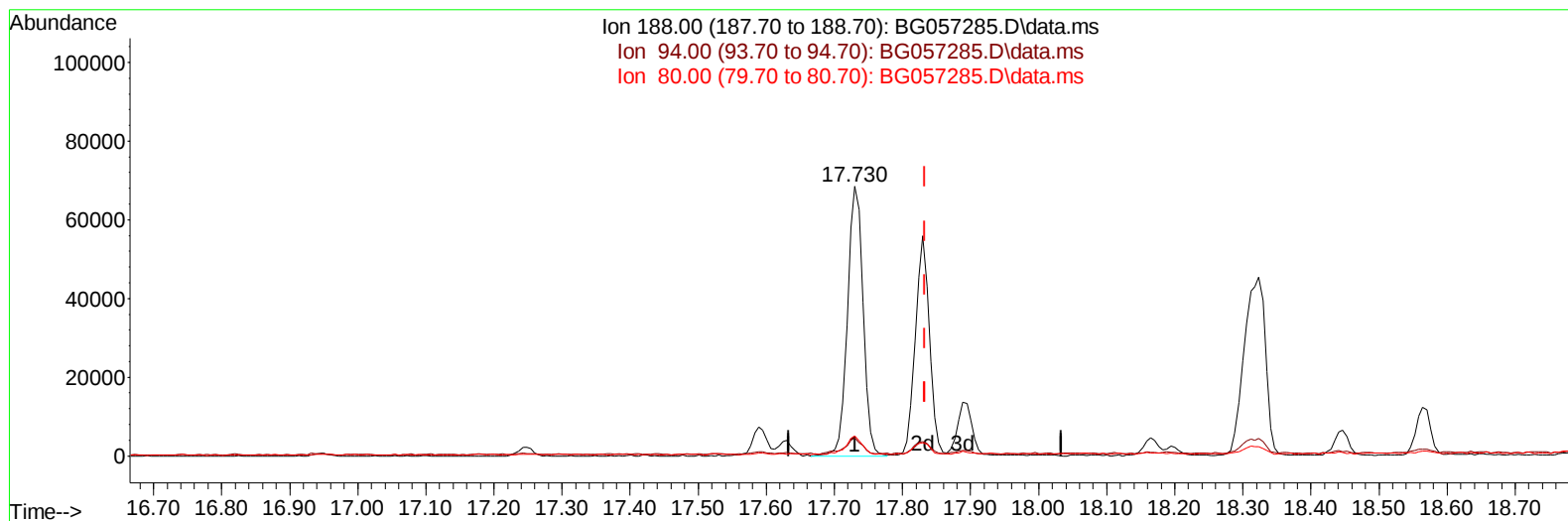
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 Sample : 02419-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925

Manual IntegrationsAPPROVED

Quant Time: May 04 01:47:53 2023
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TIC: BG057285.D\data.ms

(73) Anthracene-d10 (S)

17.730min (-0.103) 21.91 ng/u1

response 109075

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.90	6.69
80.00	7.70	7.44
0.00	0.00	0.00

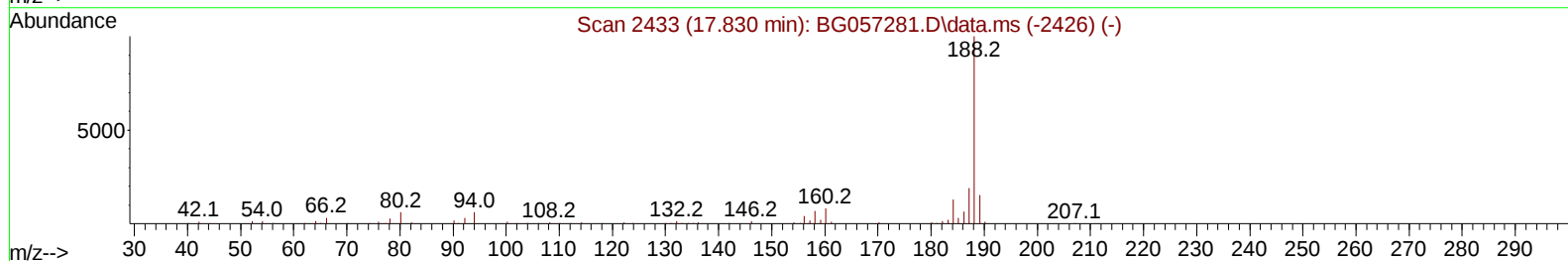
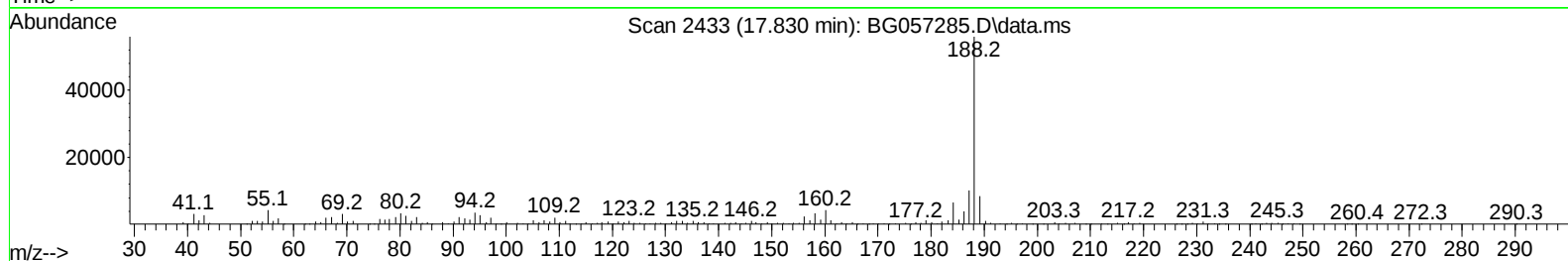
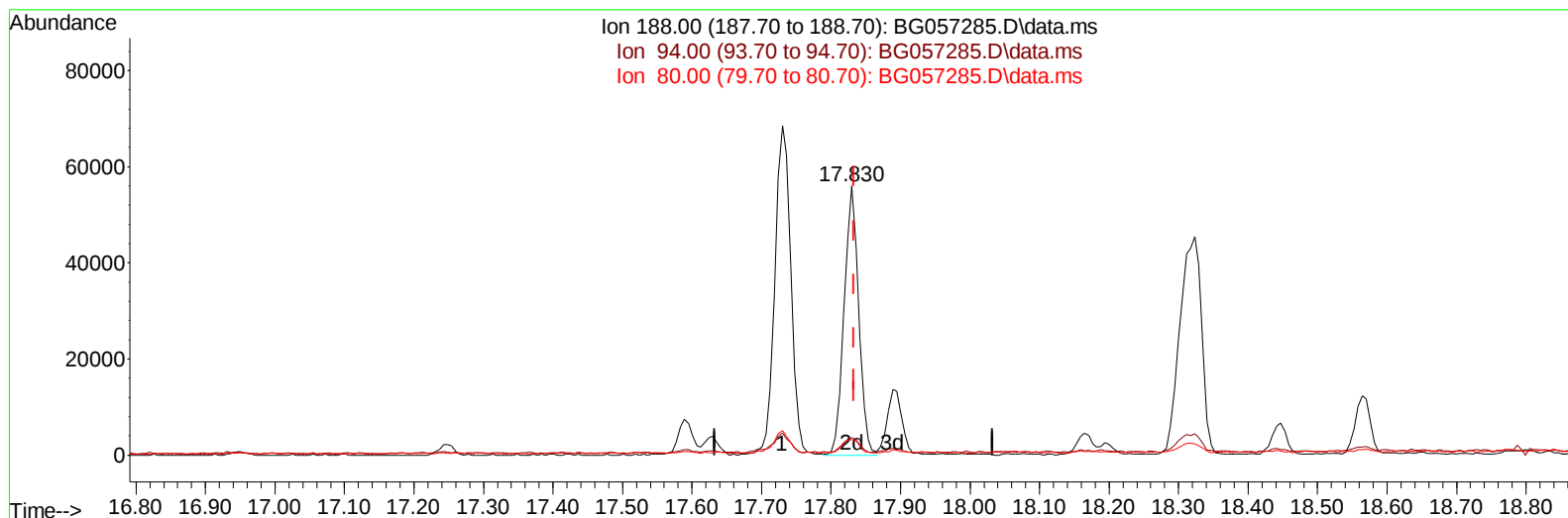
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 Sample : 02419-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG057285.D\data.ms

(73) Anthracene-d10 (S)

17.830min (-0.003) 16.28 ng/ul m

response 81043

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.90	6.46
80.00	7.70	5.87#
0.00	0.00	0.00

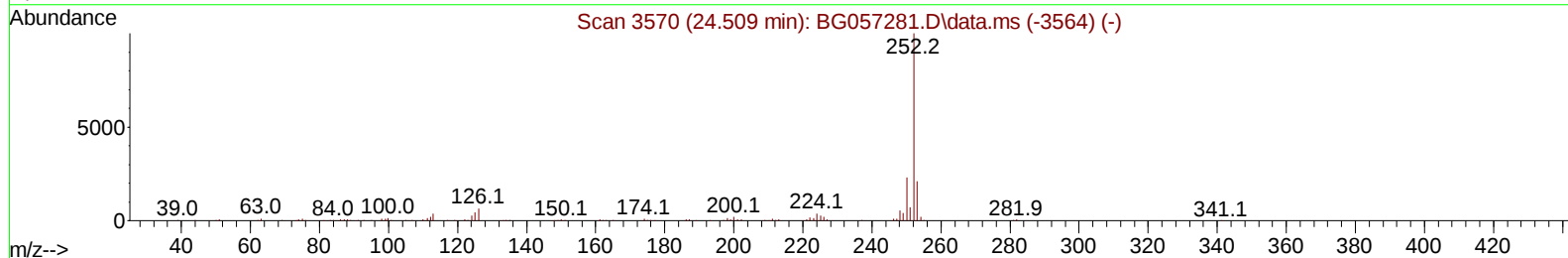
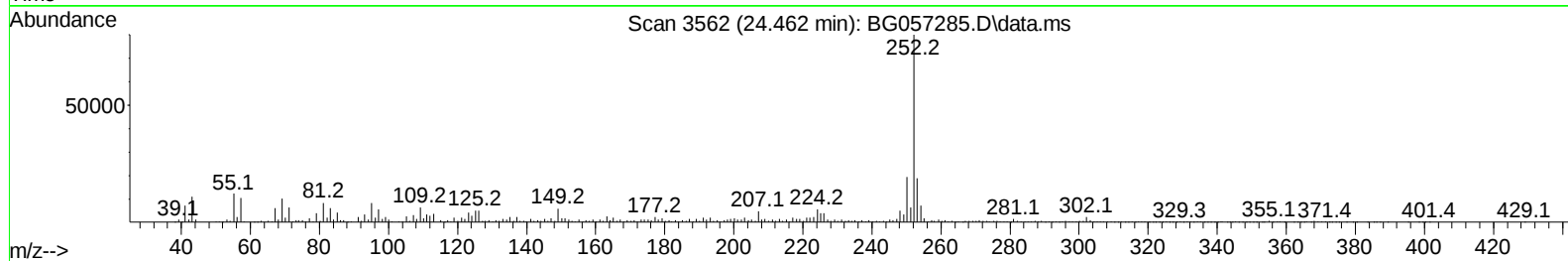
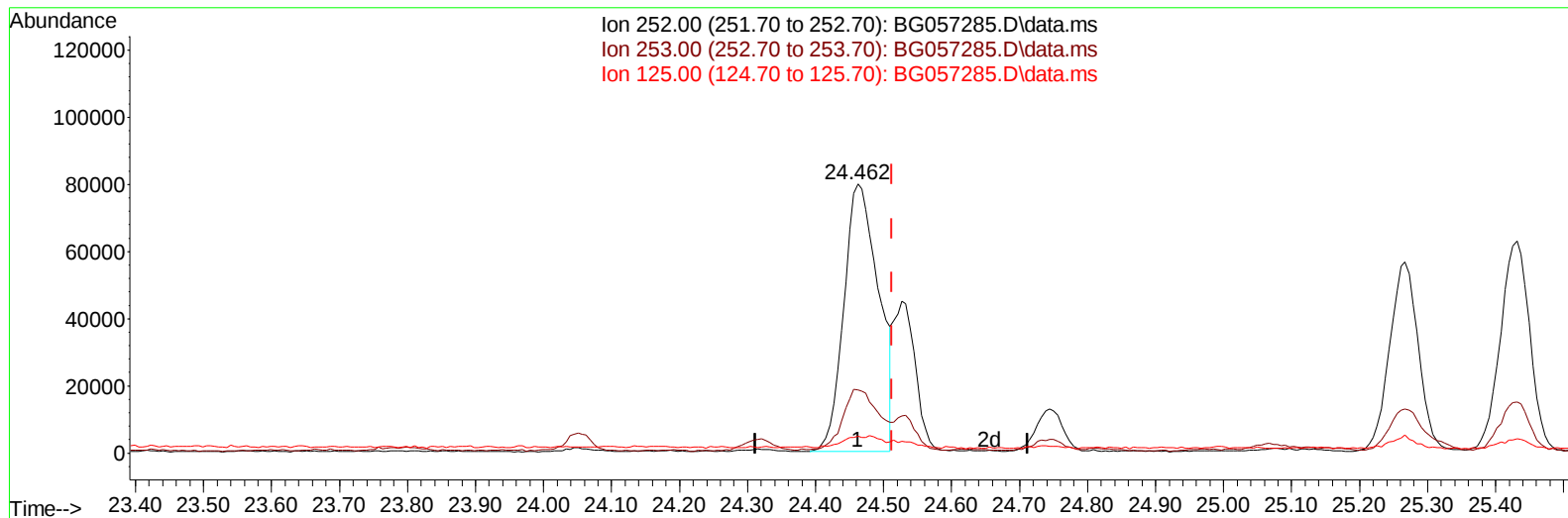
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
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Quant Time: May 04 01:48:22 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



TIC: BG057285.D\data.ms

(91) Benzo(k)fluoranthene

24.462min (-0.050) 41.54 ng/u1

response 283332

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.59
125.00	5.60	6.30
0.00	0.00	0.00

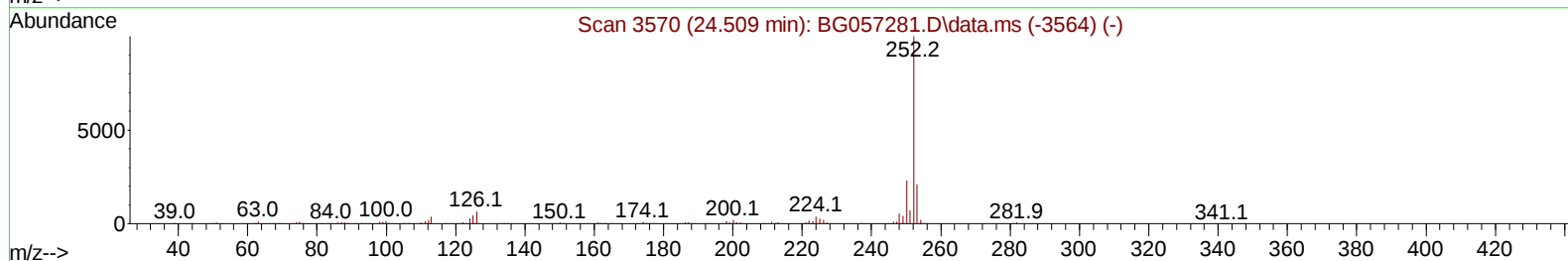
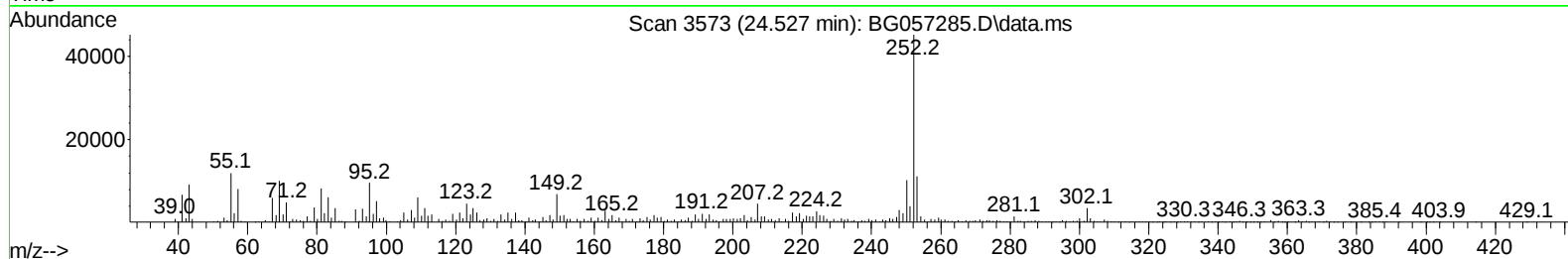
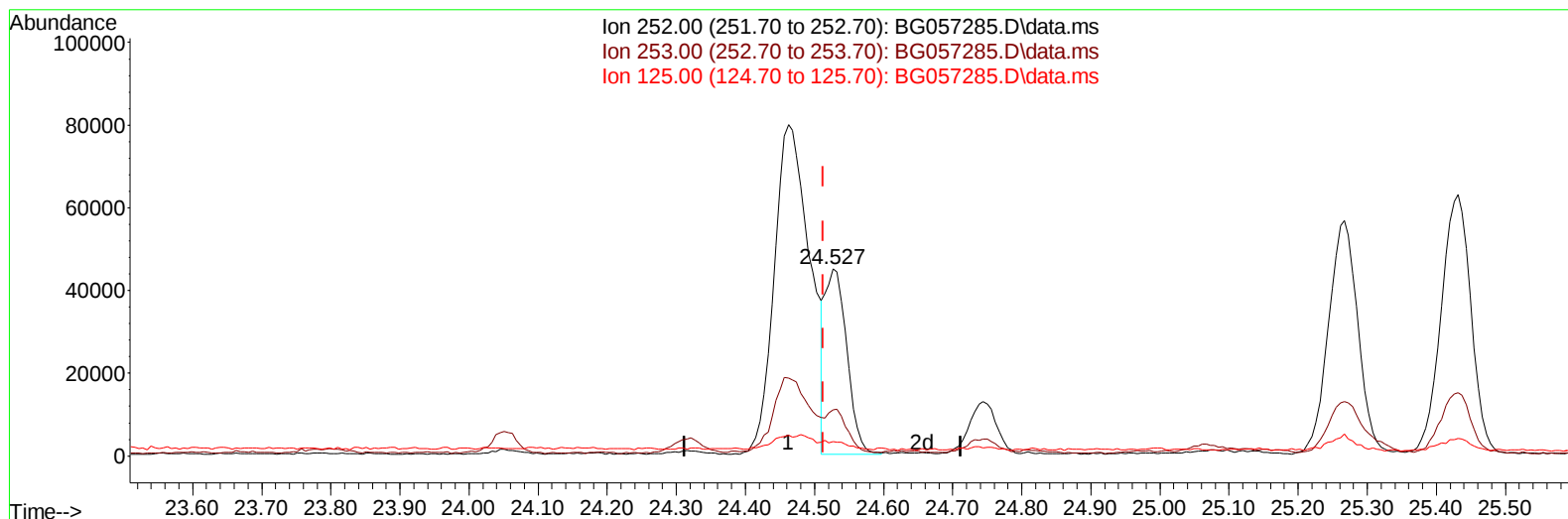
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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 Acq On : 3 May 2023 13:51
 Operator : CG/JU
 Sample : 02419-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

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Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057285.D\data.ms

(91) Benzo(k)fluoranthene

24.527min (+ 0.014) 14.55 ng/ul m

response 99202

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.51
125.00	5.60	7.61#
0.00	0.00	0.00

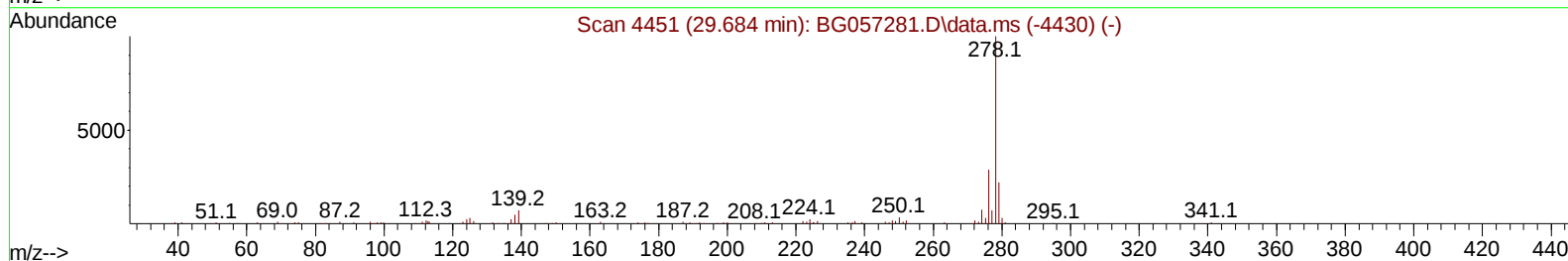
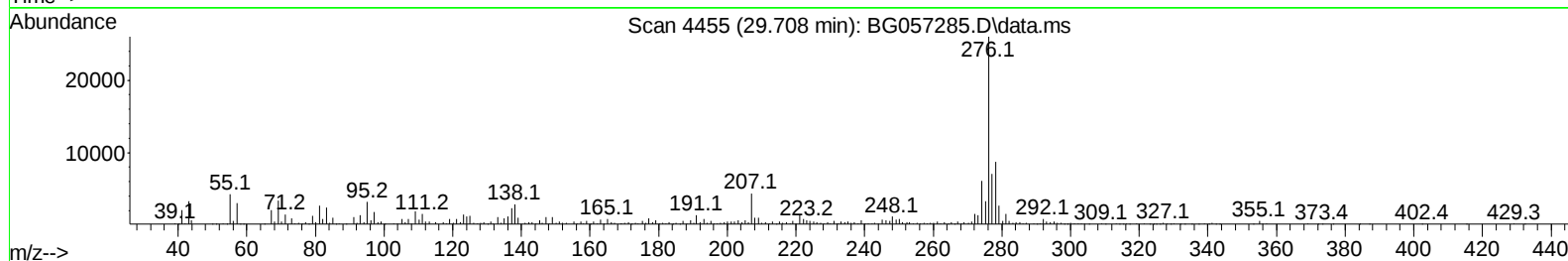
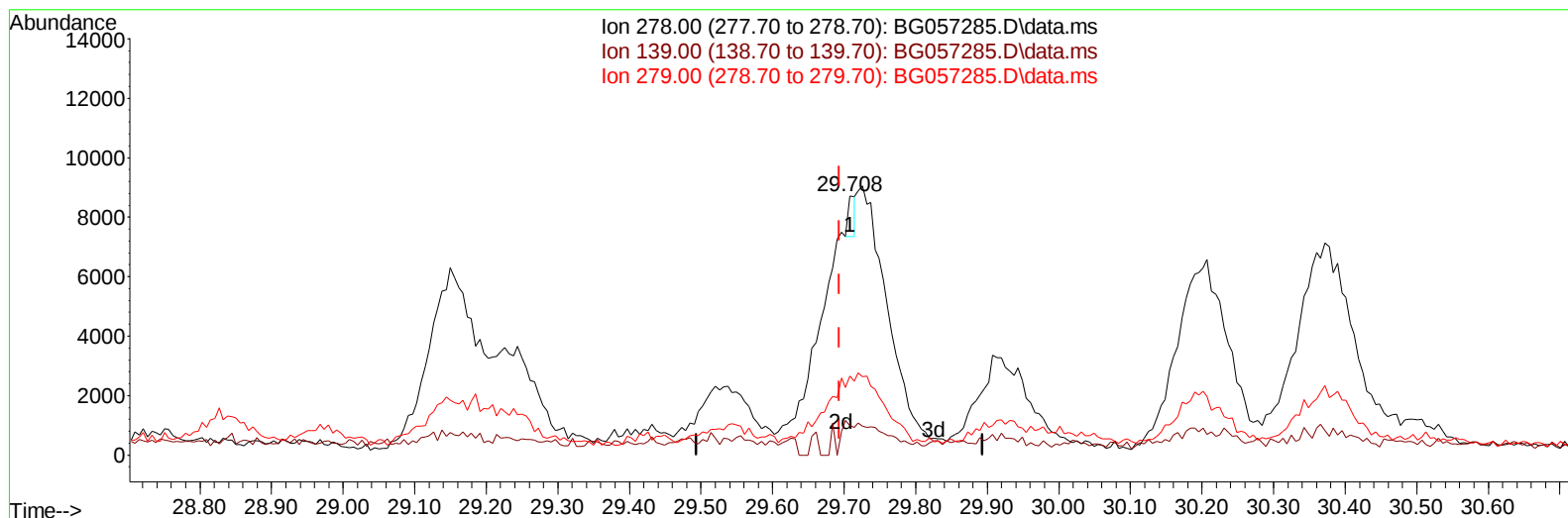
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TIC: BG057285.D\data.ms

(95) Dibenzo(a,h)anthracene

29.708min (+ 0.014) 0.15 ng/u1

response 956

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	11.43#
279.00	22.90	30.60#
0.00	0.00	0.00

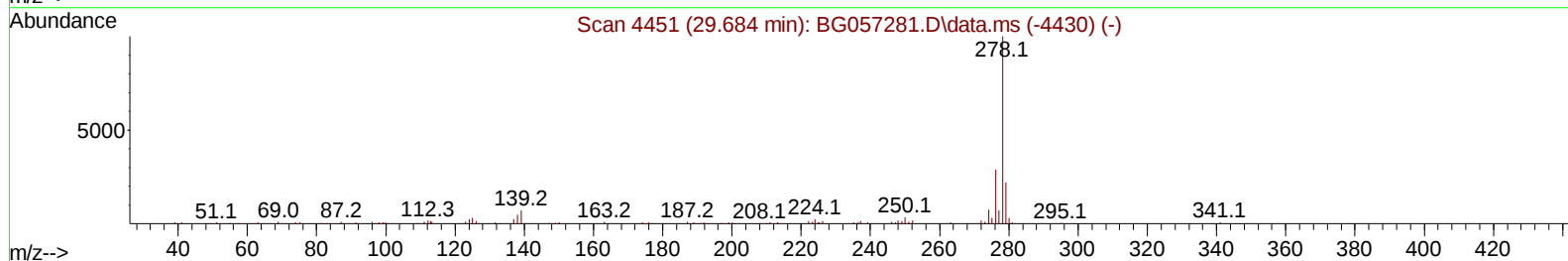
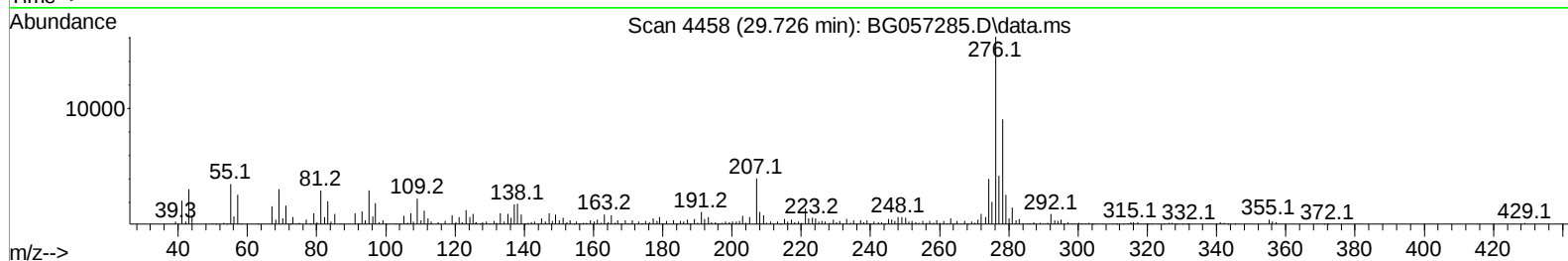
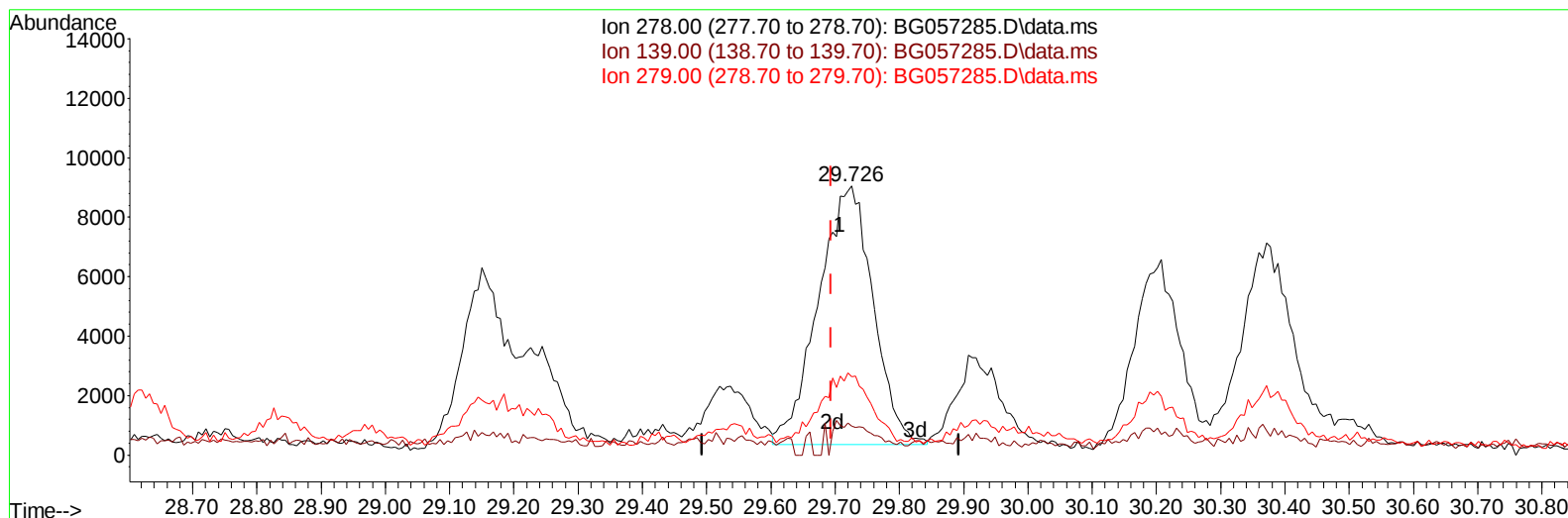
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TIC: BG057285.D\data.ms

(95) Dibenzo(a,h)anthracene

29.726min (+ 0.032) 8.16 ng/ul m

response 51185

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	10.69#
279.00	22.90	29.23#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: May 04 01:49:41 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	16247	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	66328	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.987	164	48698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	109075	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.054	240	92808	20.000	ng/ul	0.00
88) Perylene-d12	25.596	264	101230	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	724	1.961	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.514	99	17909	11.656	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	10501	11.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	13515	13.348	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	12388	10.608	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	6895	13.054	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	8131	13.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	16570	13.932	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	6313m	4.005	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	57846	14.991	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	65512	15.106	ng/ul	0.00
54) 4-Nitrophenol-d4	15.181	143	5465m	9.730	ng/ul	0.00
60) Fluorene-d10	15.974	176	53823	14.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	5595	8.658	ng/ul	0.00
73) Anthracene-d10	17.830	188	81043m	16.278	ng/ul	0.00
81) Pyrene-d10	20.103	212	93451	16.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.349	264	84237	16.333	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.550	94	2302	1.486	ng/ul#	89
16) Acetophenone	9.206	105	15564	7.745	ng/ul	95
30) Naphthalene	11.268	128	4390	1.205	ng/ul	99
36) 2-Methylnaphthalene	12.843	142	4031	1.509	ng/ul	95
56) Dibenzofuran	15.380	168	4723	1.042	ng/ul	97
72) Phenanthrene	17.771	178	66983	11.793	ng/ul	97
74) Anthracene	17.865	178	13333	2.337	ng/ul	97
77) Carbazole	18.129	167	8306	1.742	ng/ul#	96
78) Di-n-butylphthalate	18.652	149	36724	6.735	ng/ul#	93
80) Fluoranthene	19.768	202	199621	30.505	ng/ul#	96
82) Pyrene	20.133	202	199424	30.104	ng/ul#	96
83) Butylbenzylphthalate	20.979	149	44257	20.861	ng/ul	88
85) Benzo(a)anthracene	22.030	228	147504	22.472	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.877	149	368930	119.569	ng/ul	96
87) Chrysene	22.106	228	160337	25.891	ng/ul	91
89) Di-n-octyl phthalate	23.193	149	43733	7.823	ng/ul	100
90) Benzo(b)fluoranthene	24.462	252	283332	40.418	ng/ul	95
91) Benzo(k)fluoranthene	24.527	252	99202m	14.546	ng/ul	
93) Benzo(a)pyrene	25.431	252	187623	31.002	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.679	276	180675	23.882	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.726	278	51185m	8.160	ng/ul	
96) Benzo(g,h,i)perylene	30.983	276	201169	32.857	ng/ul	98

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057285.D
 Acq On : 3 May 2023 13:51
 Operator : CG/JU
 Sample : 02419-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 01:49:41 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

