

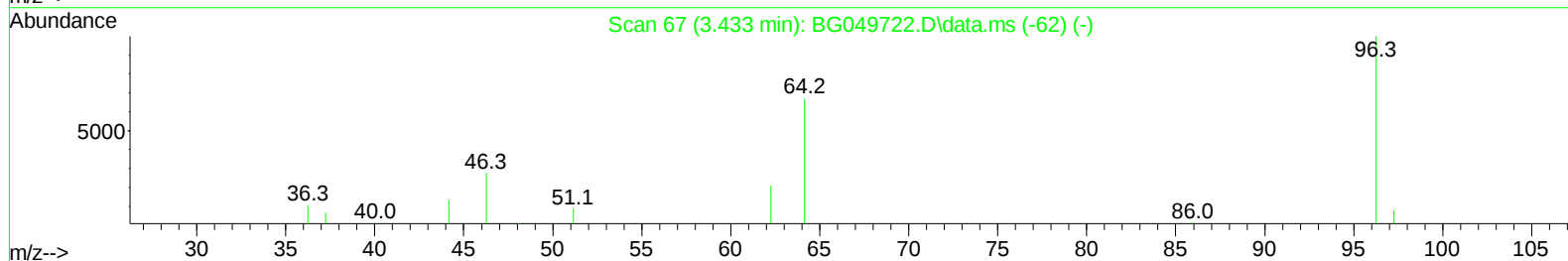
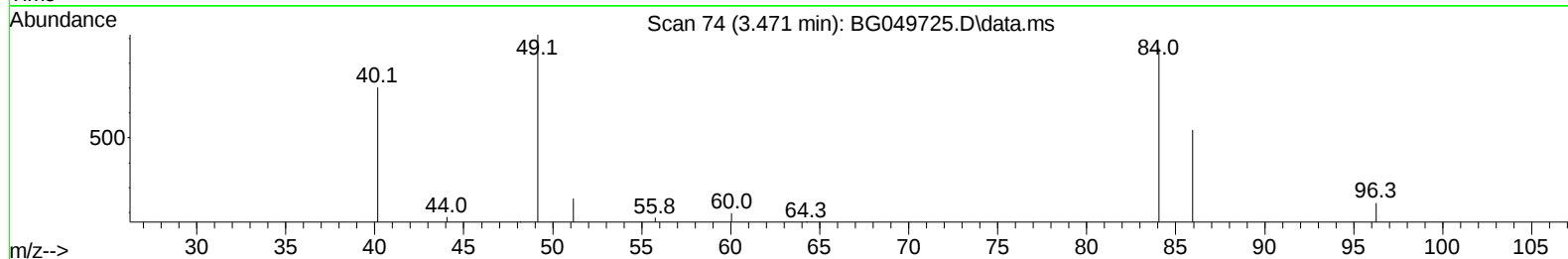
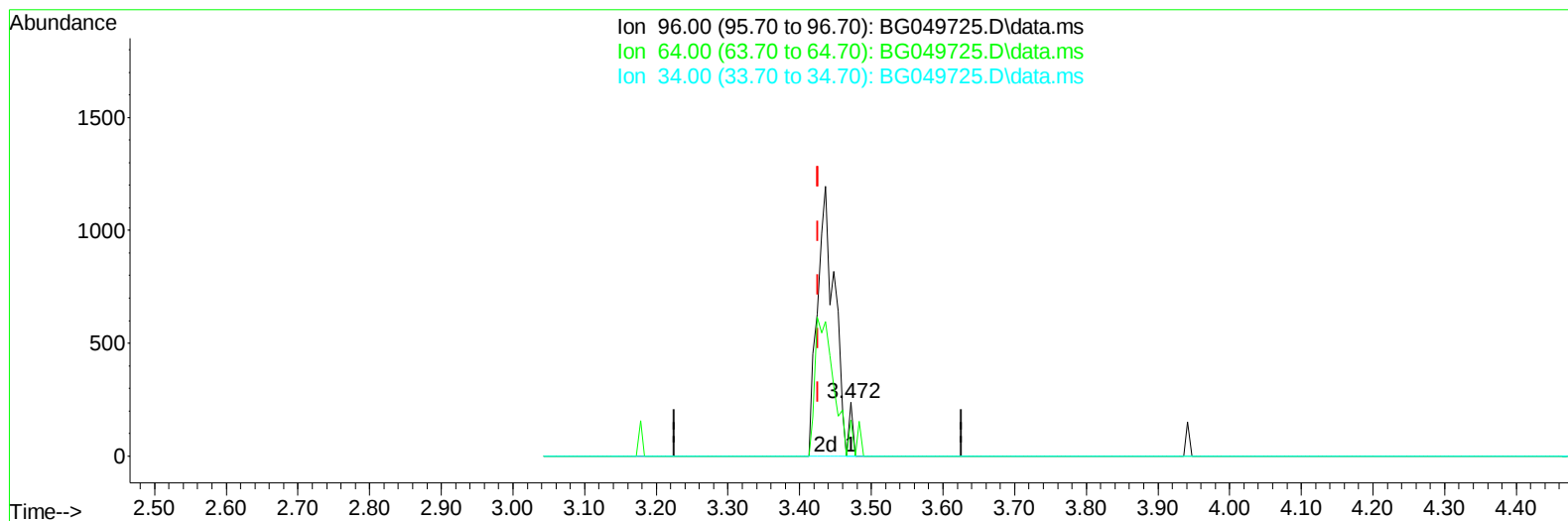
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE06

Manual Integrations
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mohammad
8/9/2021 12:11:38 PM

Quant Time: Aug 09 03:14:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration



TIC: BG049725.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.471min (+ 0.045) 0.11 ng/uL

response 84

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	67.65
34.00	0.00	0.00
0.00	0.00	0.00

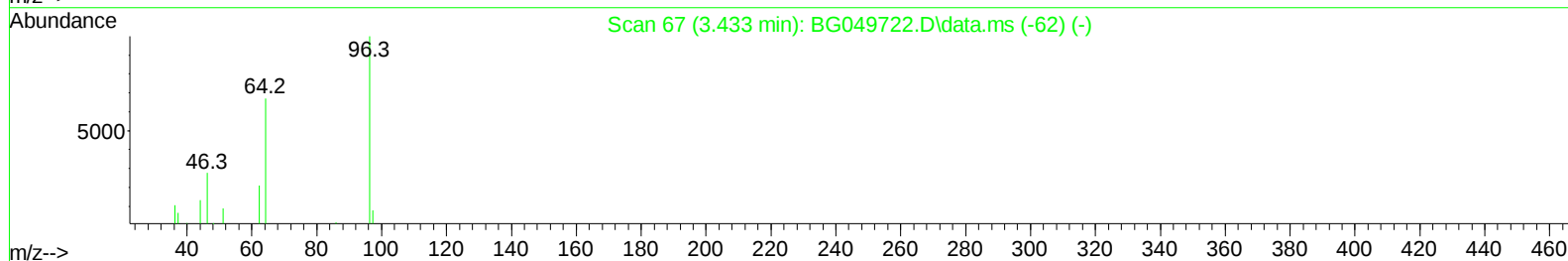
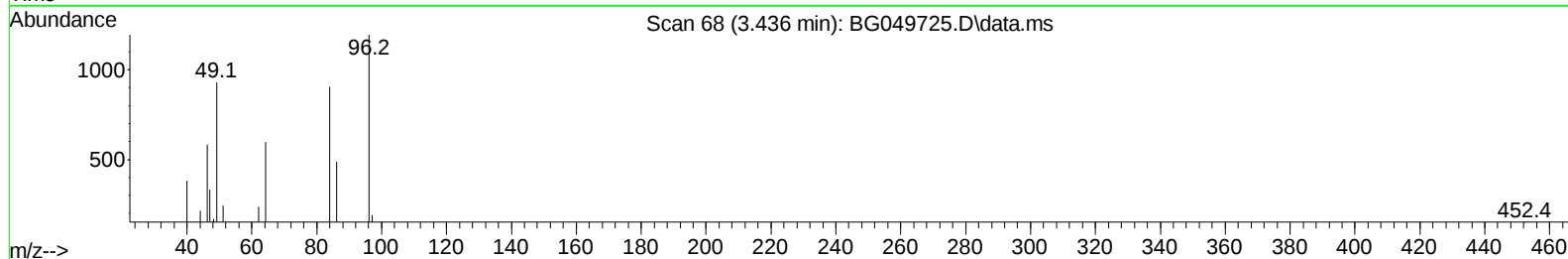
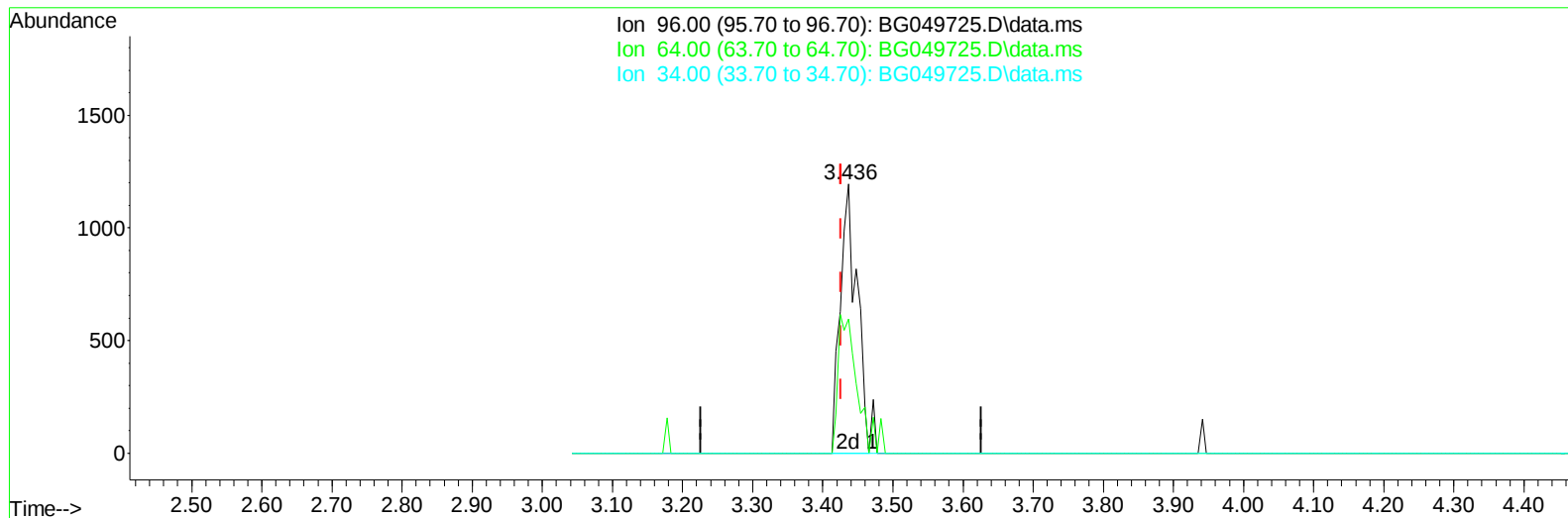
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TIC: BG049725.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.436min (+ 0.010) 2.49 ng/uL m

response 1971

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	50.00#
34.00	0.00	0.00
0.00	0.00	0.00

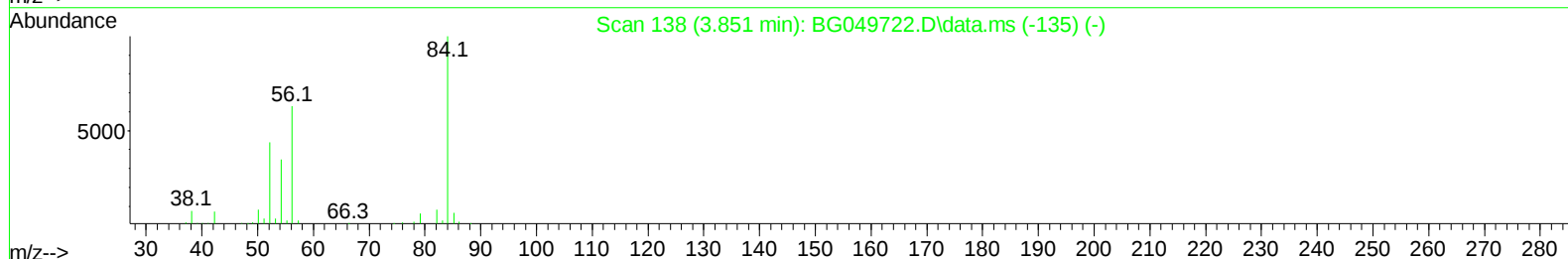
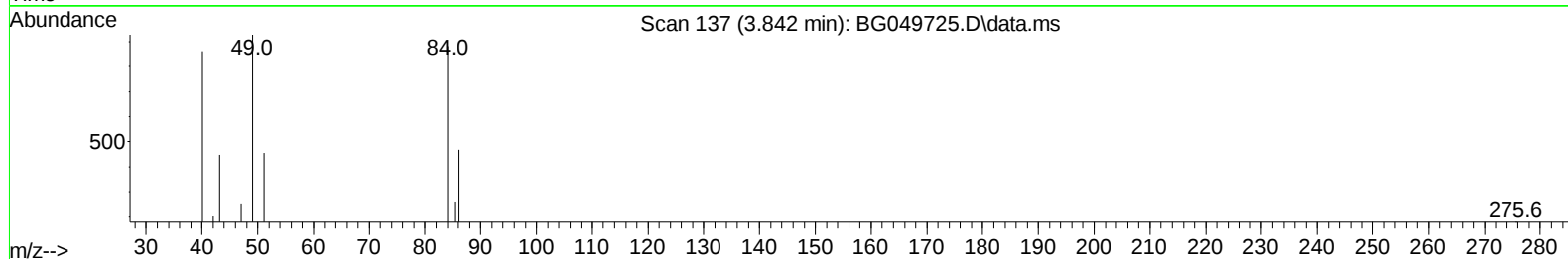
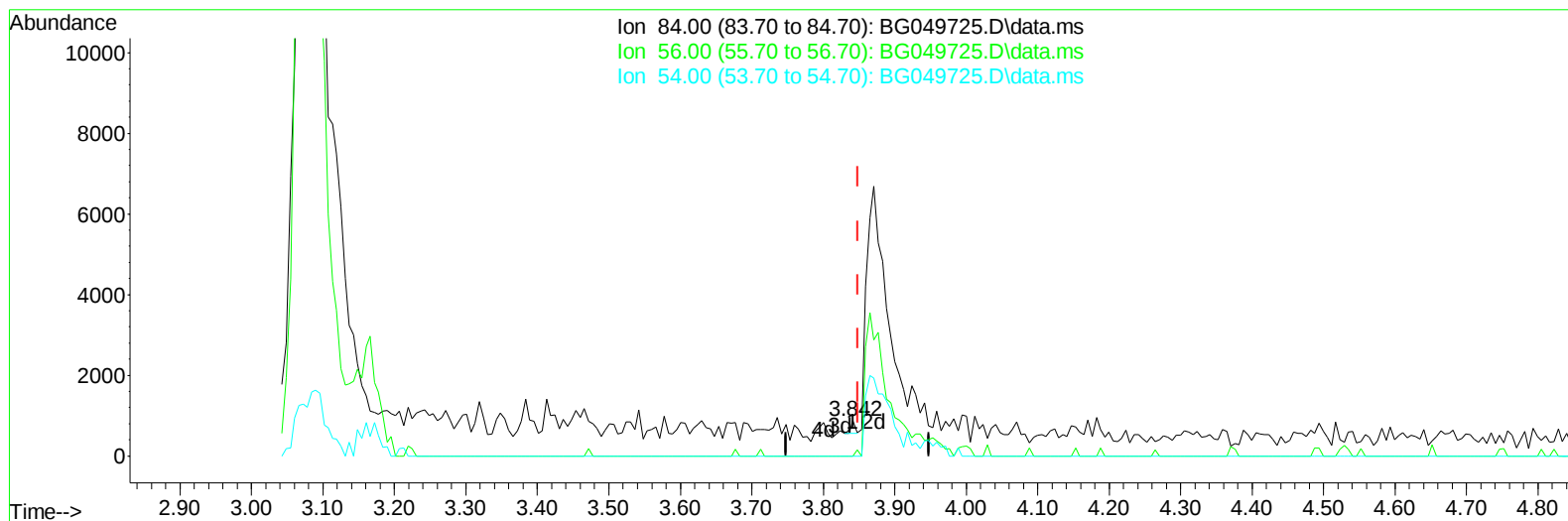
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TIC: BG049725.D\data.ms

(4) Pyridine-d5 (S)

3.842min (-0.007) 0.05 ng/u1

response 117

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	0.00#
54.00	36.30	0.00#
0.00	0.00	0.00

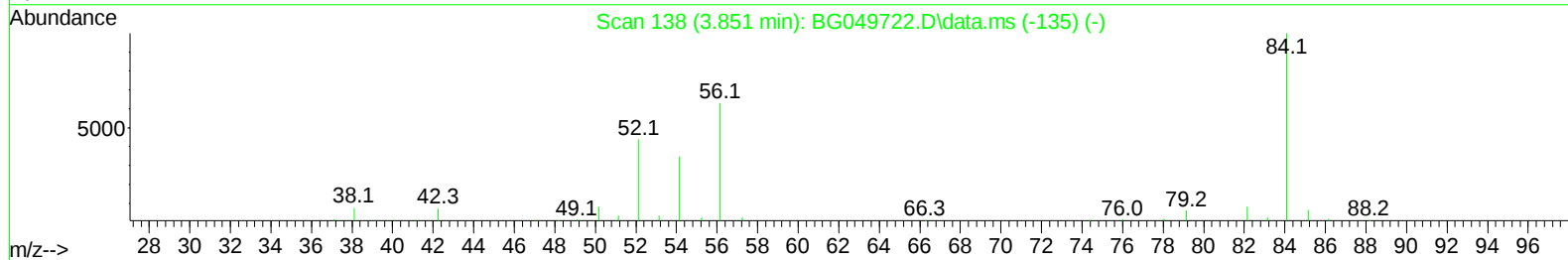
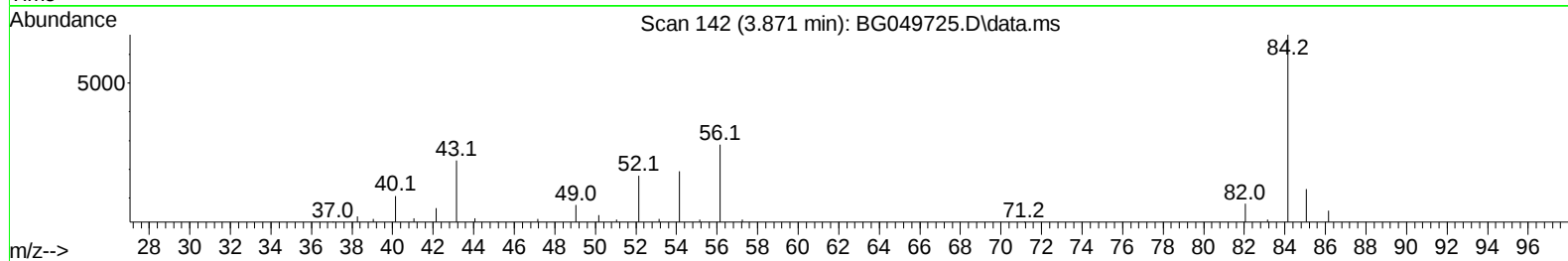
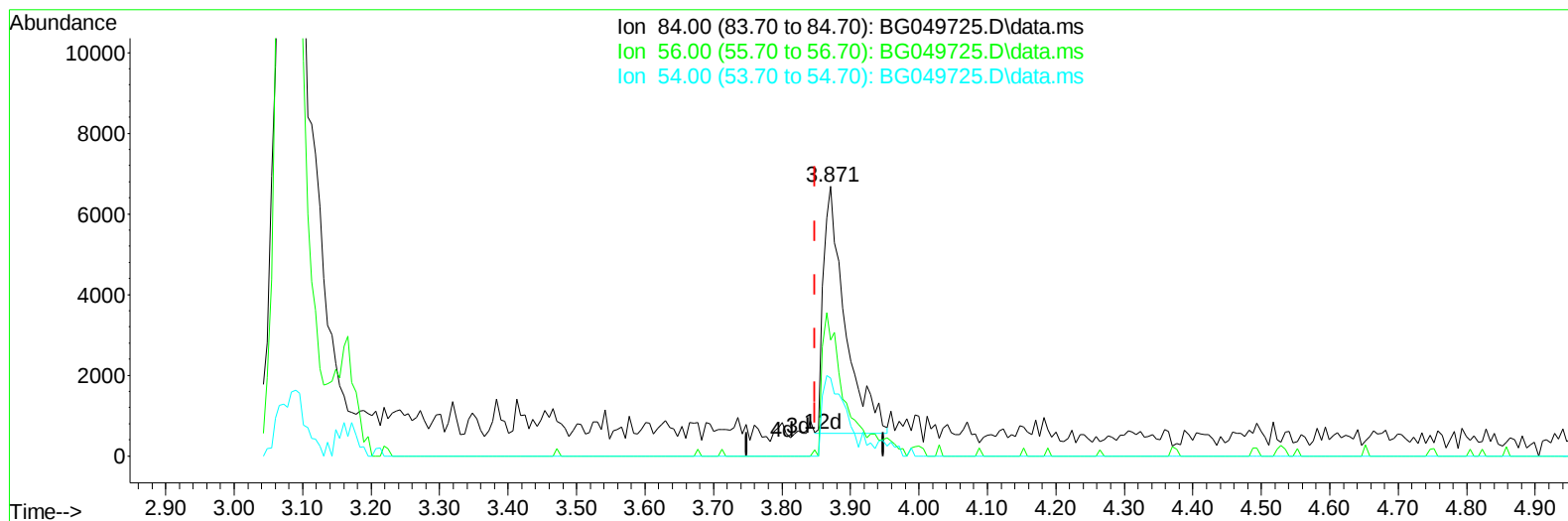
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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TIC: BG049725.D\data.ms

(4) Pyridine-d5 (S)

3.871min (+ 0.022) 5.68 ng/u1 m

response 13509

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	42.99#
54.00	36.30	28.86#
0.00	0.00	0.00

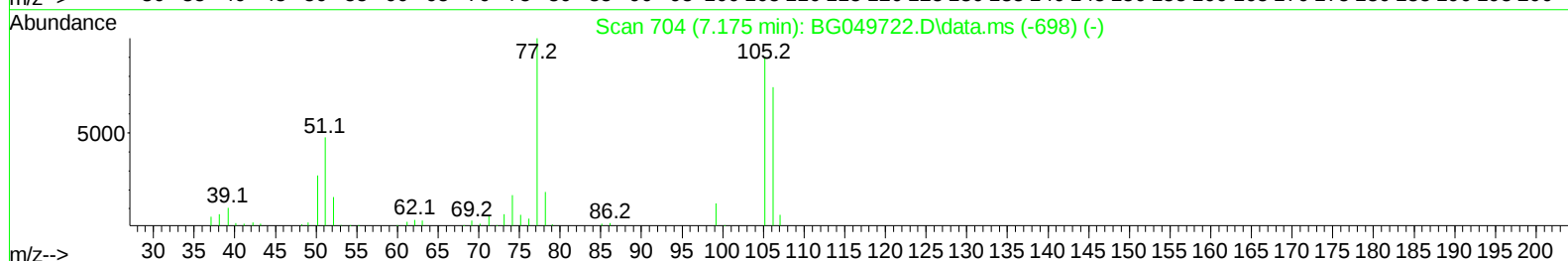
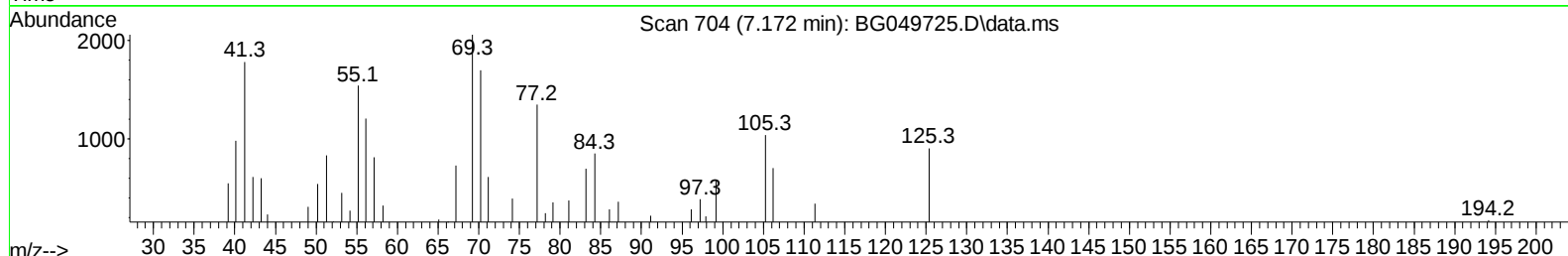
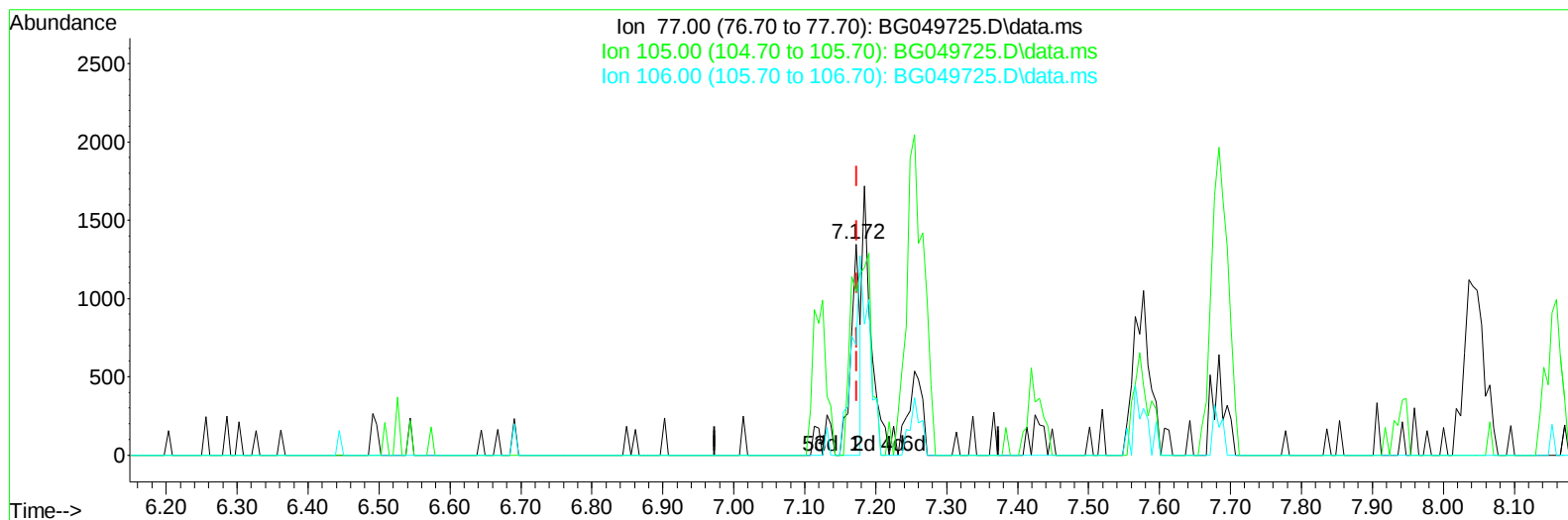
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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TIC: BG049725.D\data.ms

(6) Benzaldehyde

7.172min (-0.001) 0.68 ng/u1

response 1223

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	77.43#
106.00	101.20	52.26#
0.00	0.00	0.00

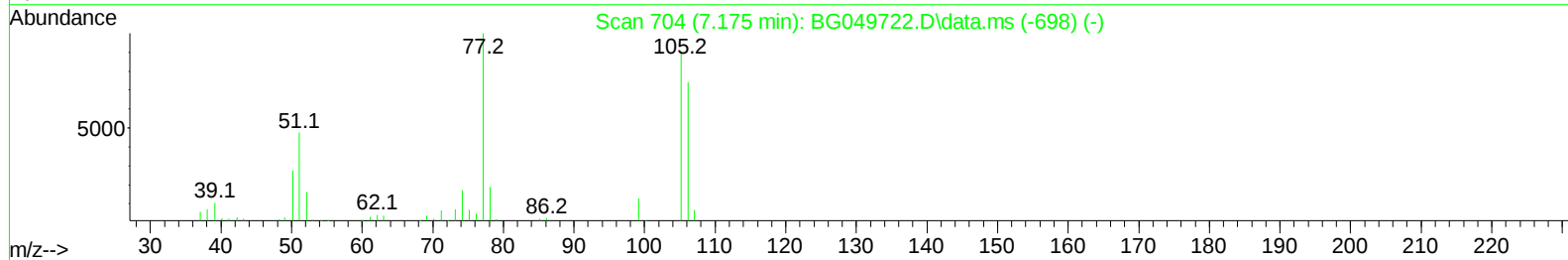
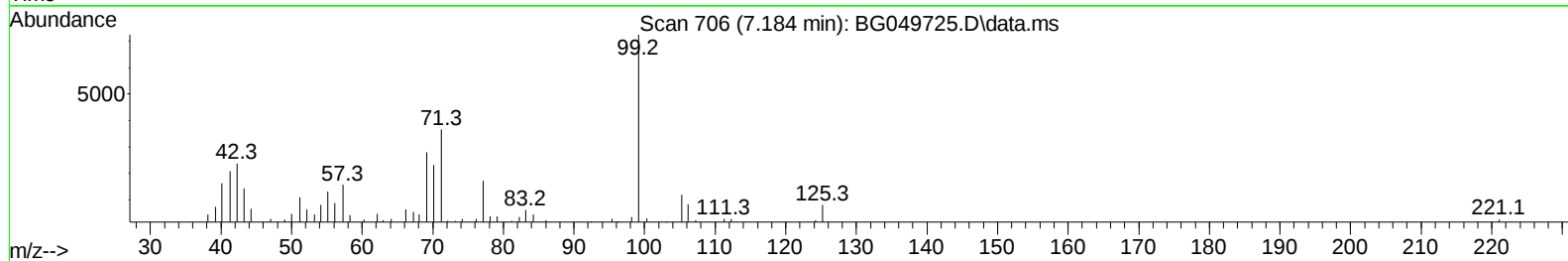
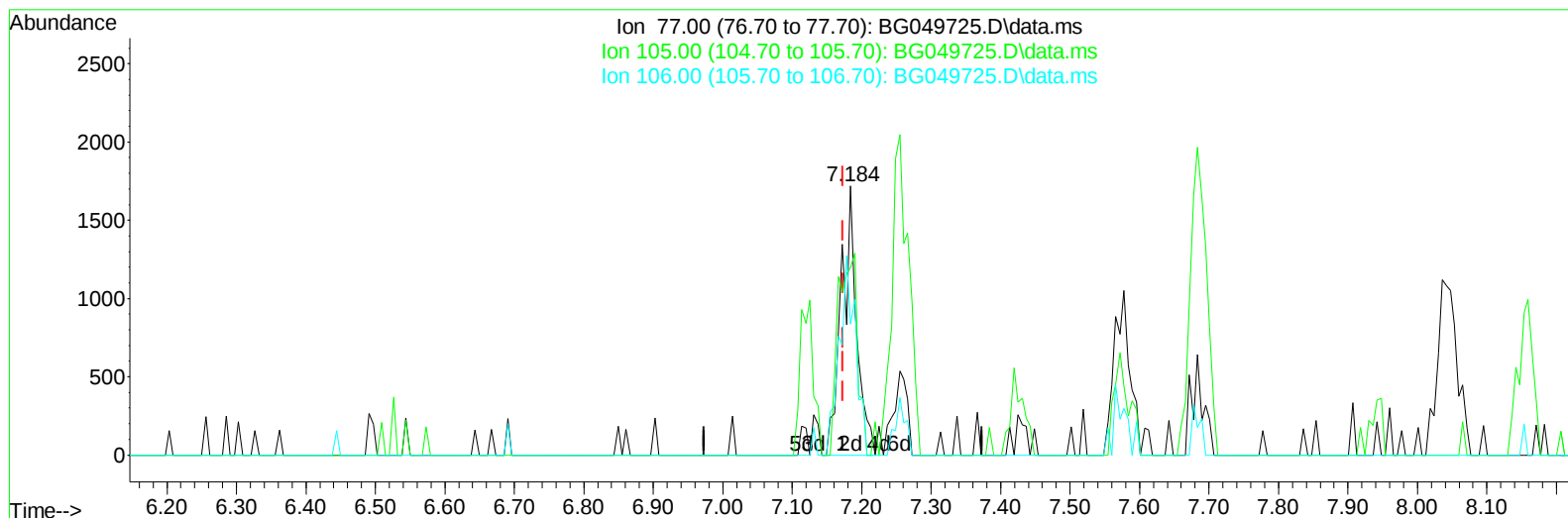
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Manual Integrations
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TIC: BG049725.D\data.ms

(6) Benzaldehyde

7.184min (+ 0.011) 1.47 ng/ul m

response 2631

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	69.79#
106.00	101.20	48.66#
0.00	0.00	0.00

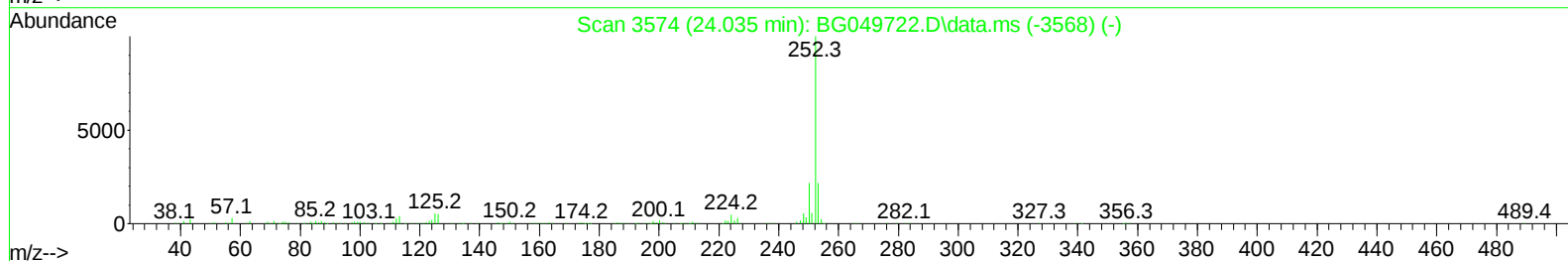
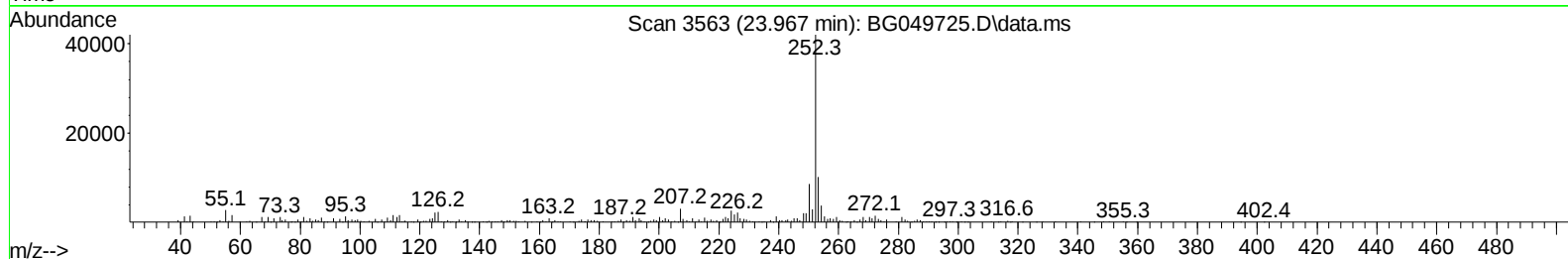
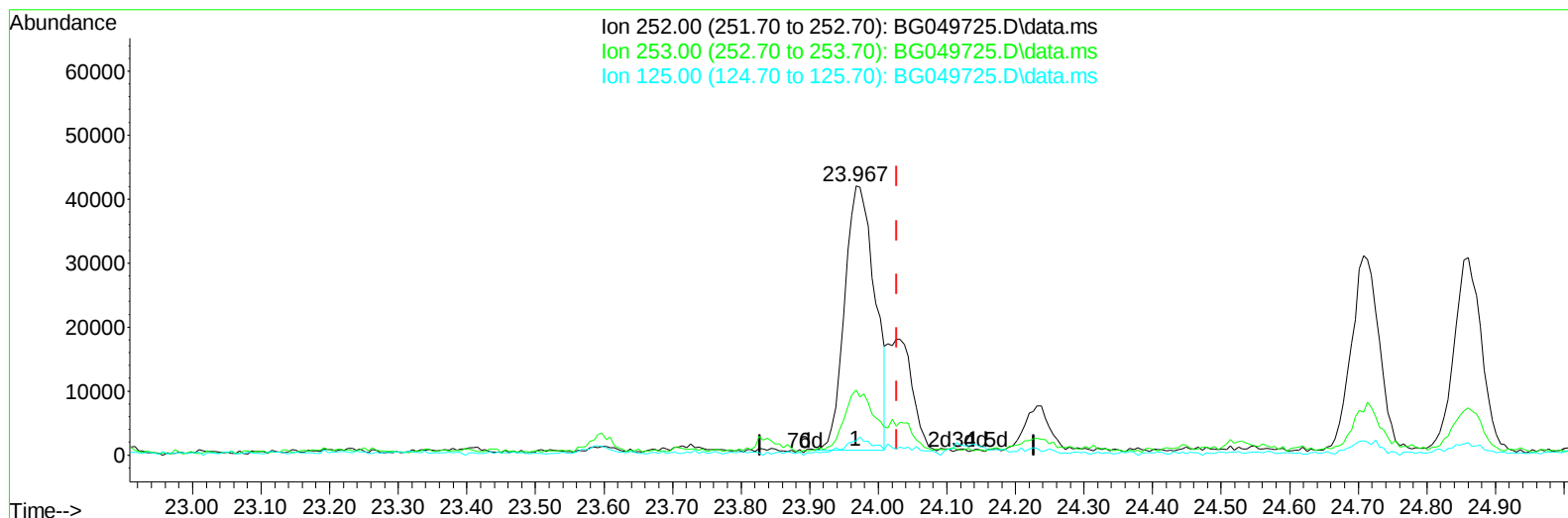
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TIC: BG049725.D\data.ms

(91) Benzo(k)fluoranthene

23.967min (-0.060) 11.07 ng/u1

response 125992

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.26
125.00	4.80	5.29
0.00	0.00	0.00

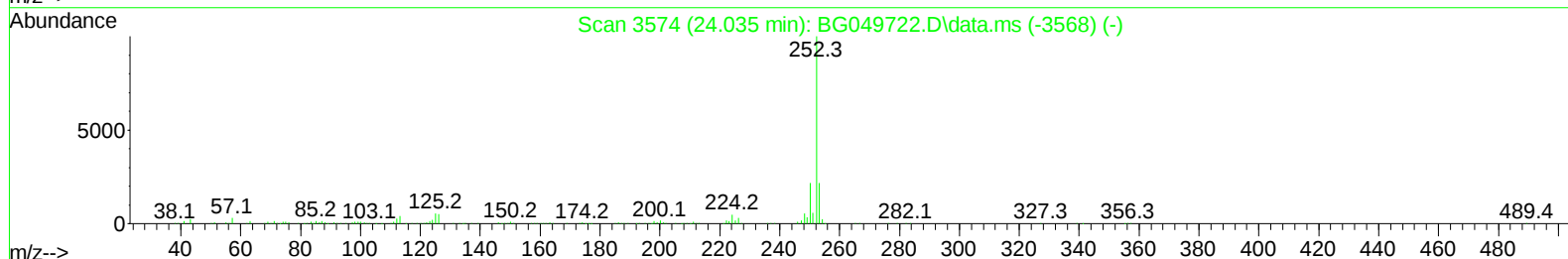
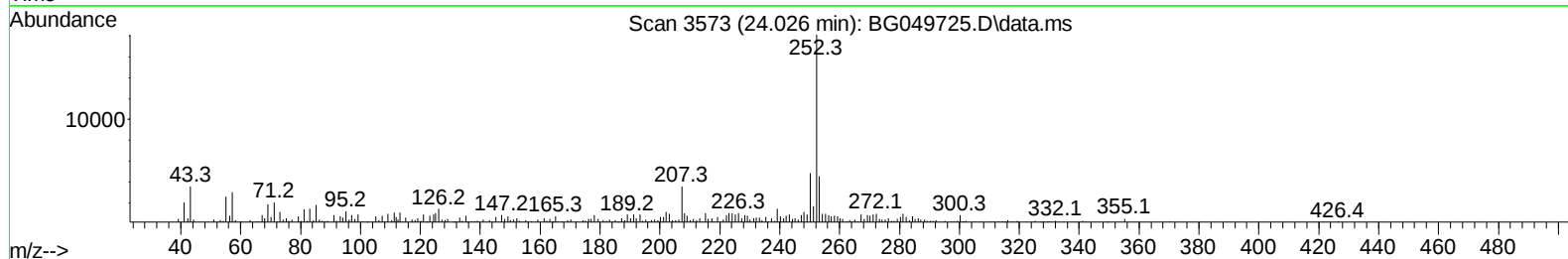
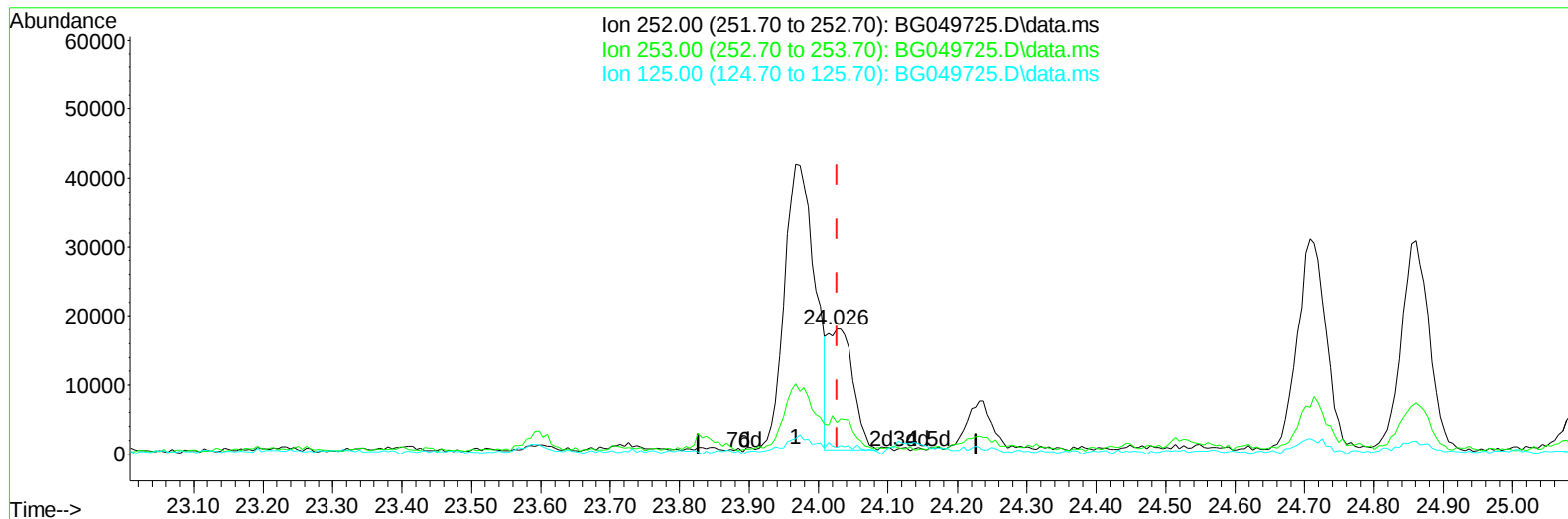
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE06

Manual Integrations
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TIC: BG049725.D\data.ms

(91) Benzo(k)fluoranthene

24.026min (-0.001) 3.84 ng/ul m

response 43657

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	25.06
125.00	4.80	5.38
0.00	0.00	0.00

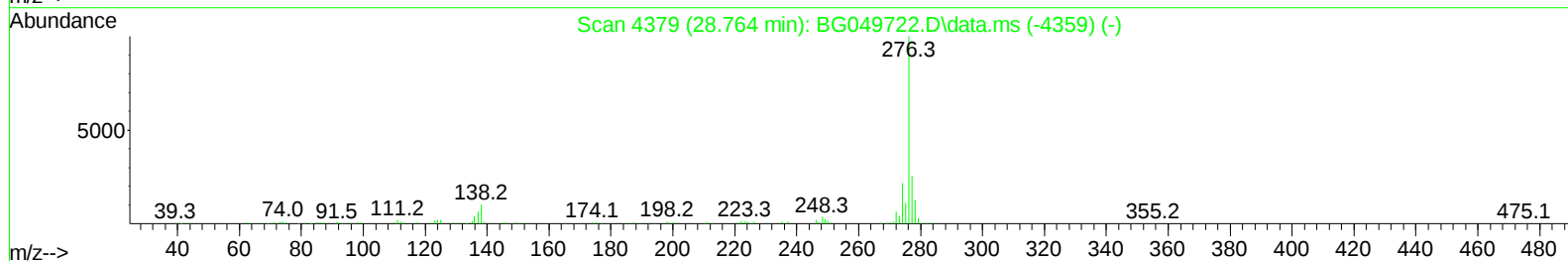
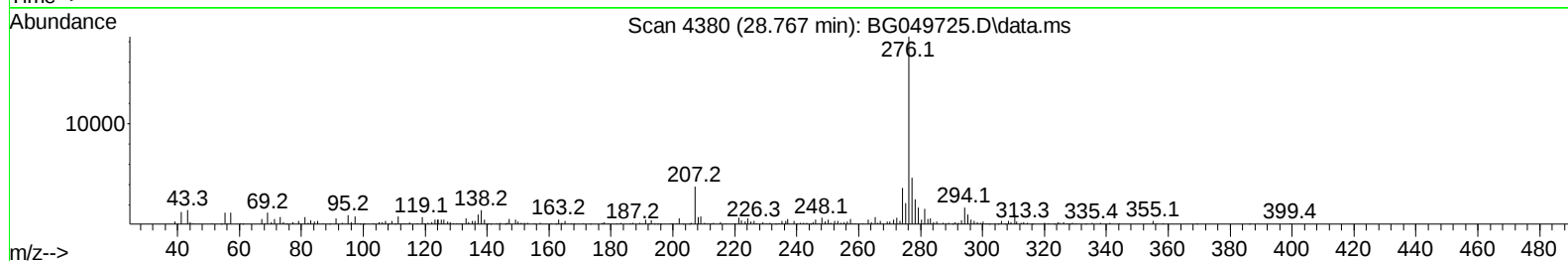
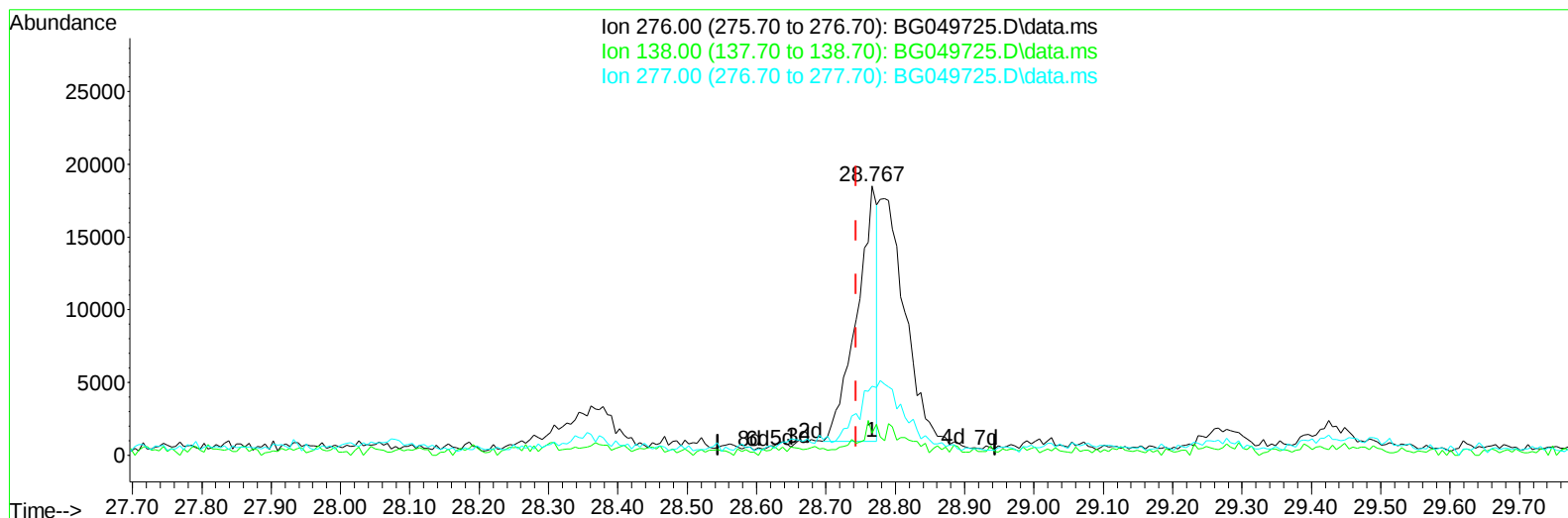
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG049725.D\data.ms

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

28.767min (+ 0.022) 2.70 ng/u1

response 35820

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.07
277.00	24.30	25.54
0.00	0.00	0.00

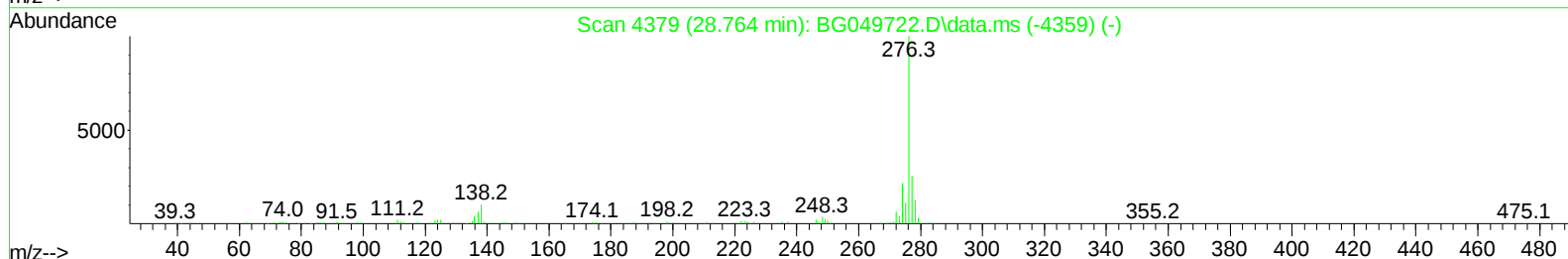
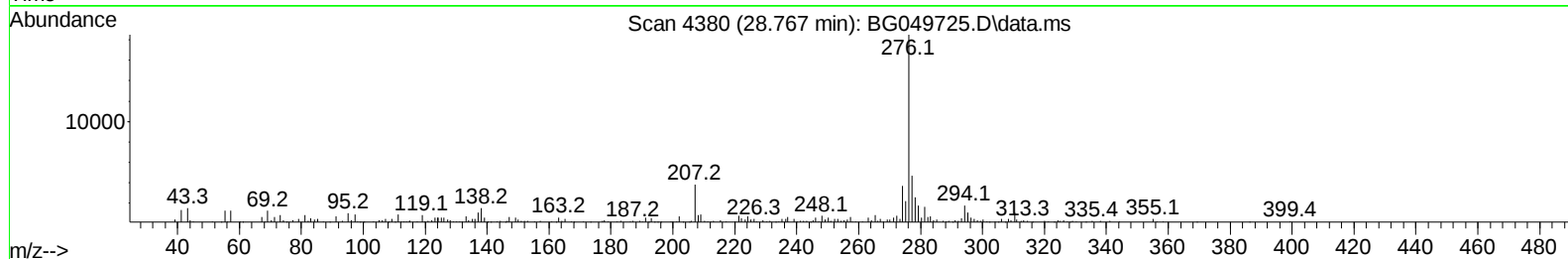
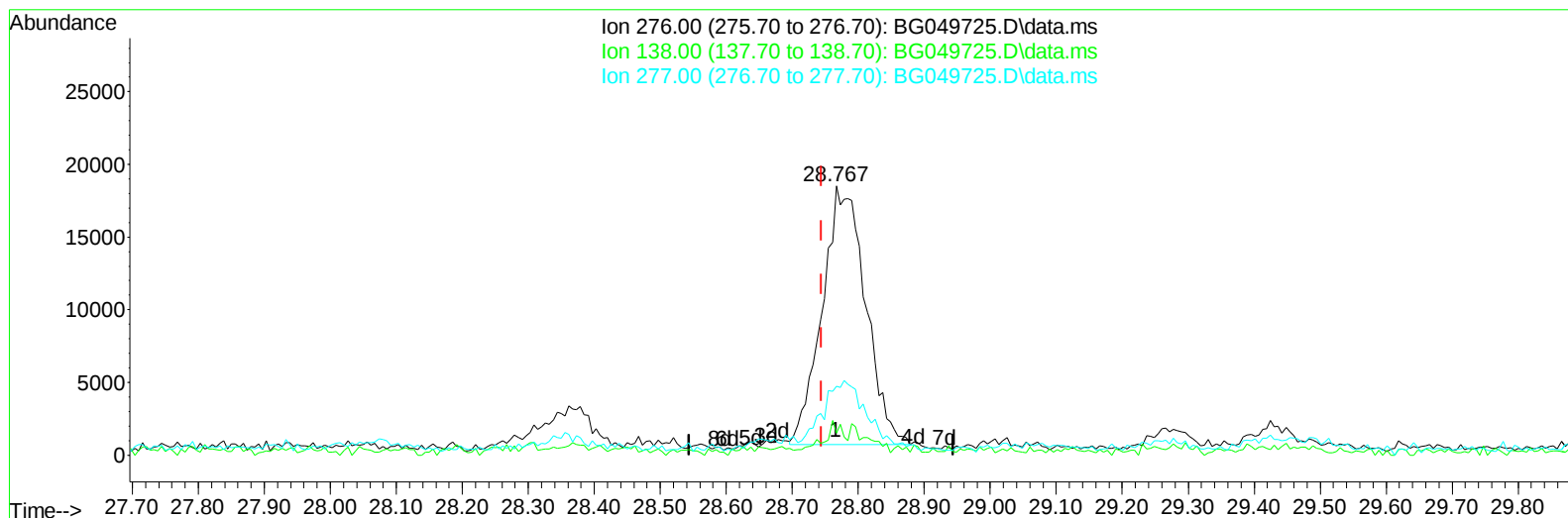
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG049725.D\data.ms

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

28.767min (+ 0.022) 6.12 ng/u1 m

response 81100

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.07
277.00	24.30	25.54
0.00	0.00	0.00

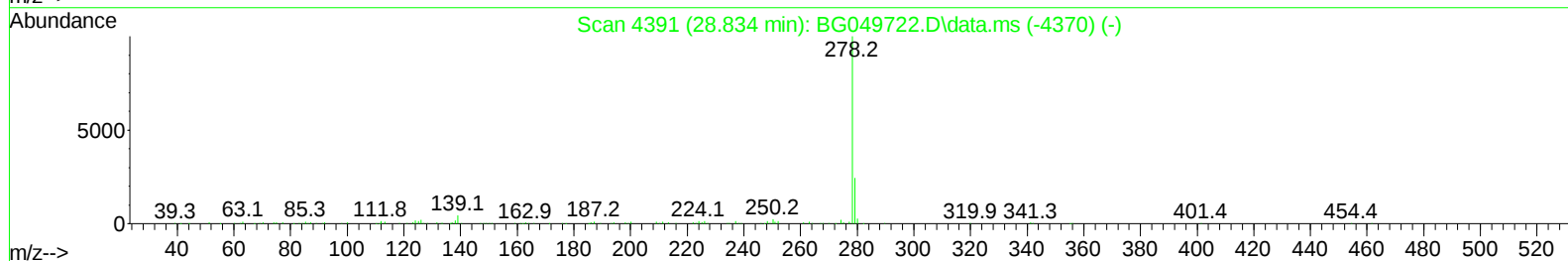
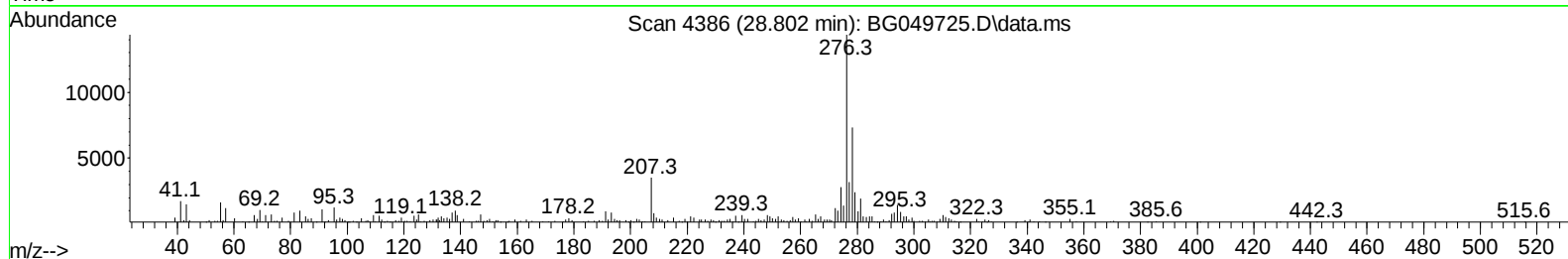
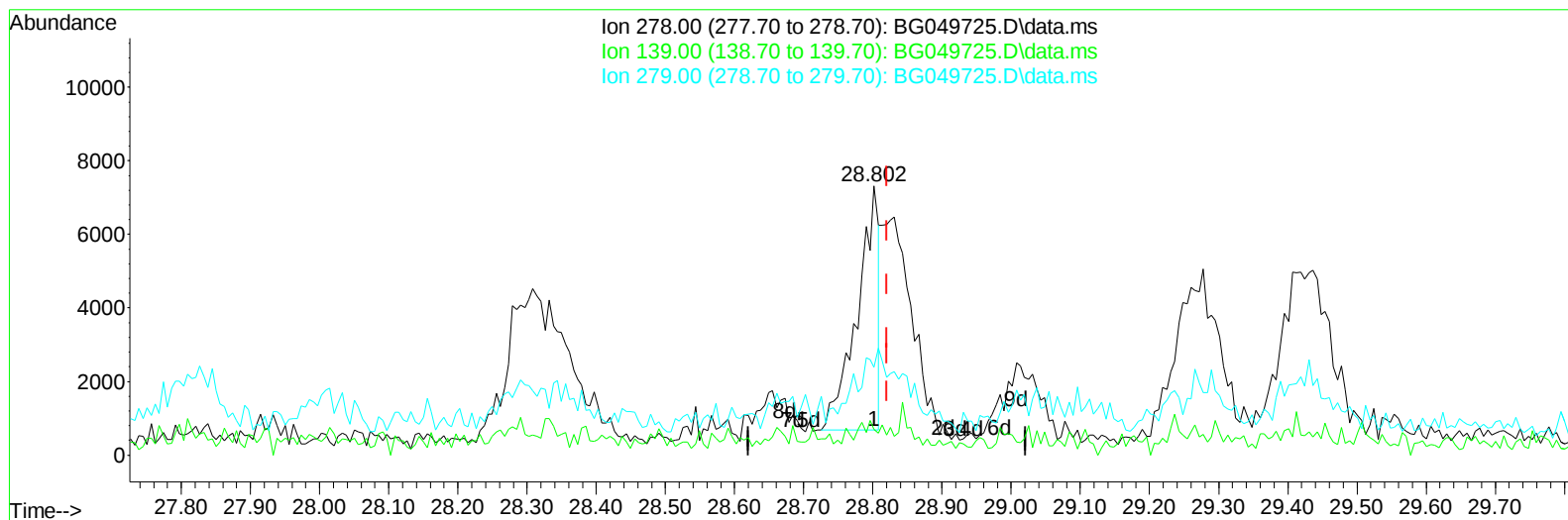
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TIC: BG049725.D\data.ms

(95) Dibenzo(a,h)anthracene

28.802min (-0.019) 1.29 ng/u1

response 14275

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	9.55#
279.00	23.60	32.77#
0.00	0.00	0.00

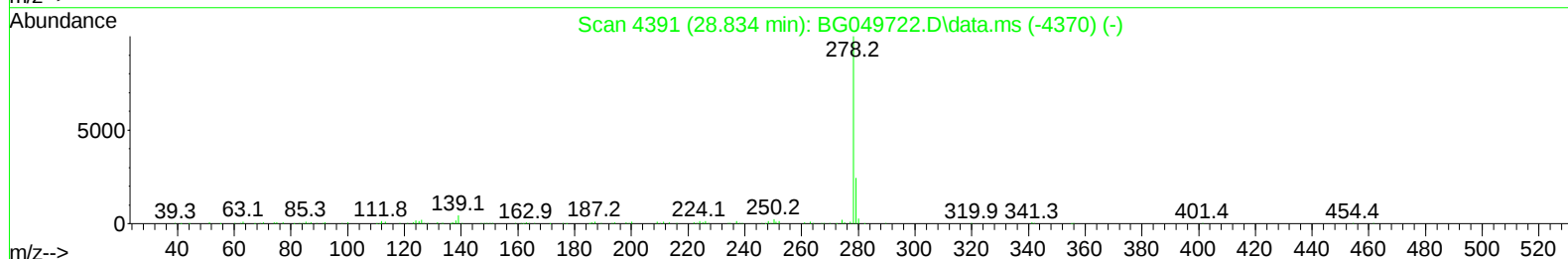
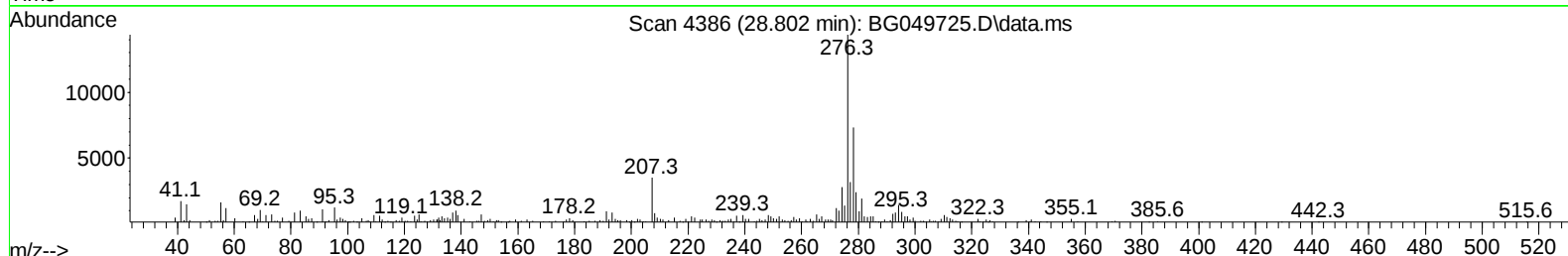
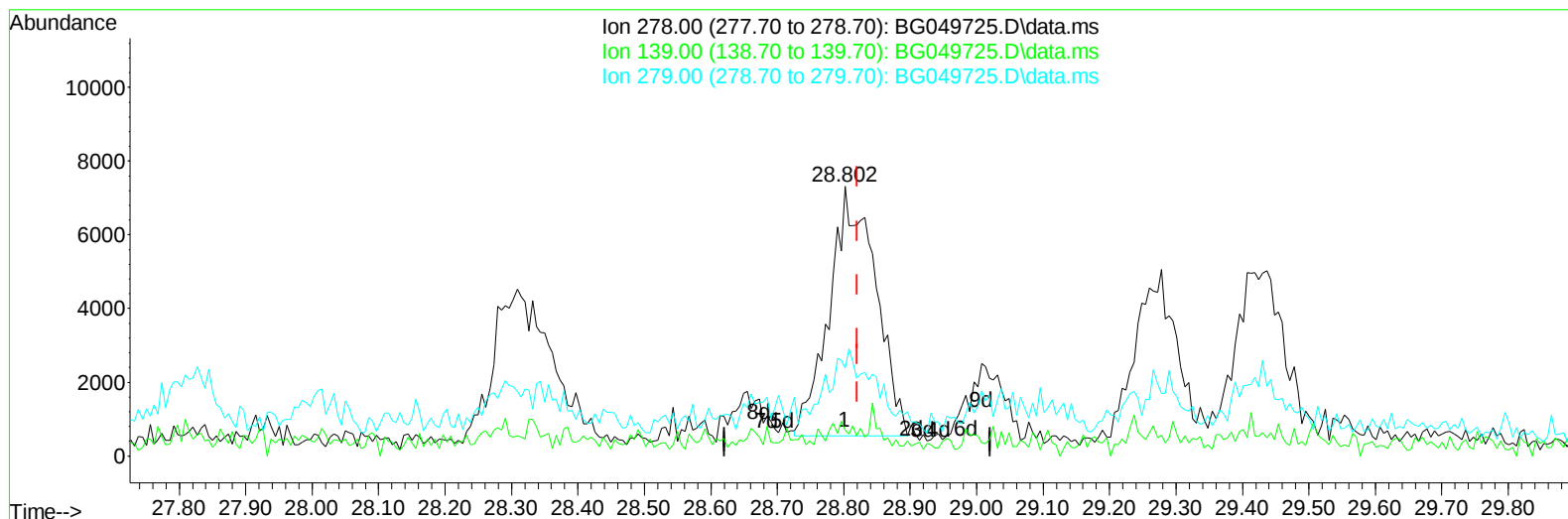
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Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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TIC: BG049725.D\data.ms

(95) Dibenzo(a,h)anthracene

28.802min (-0.019) 2.95 ng/ul m

response 32636

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	9.55#
279.00	23.60	32.77#
0.00	0.00	0.00

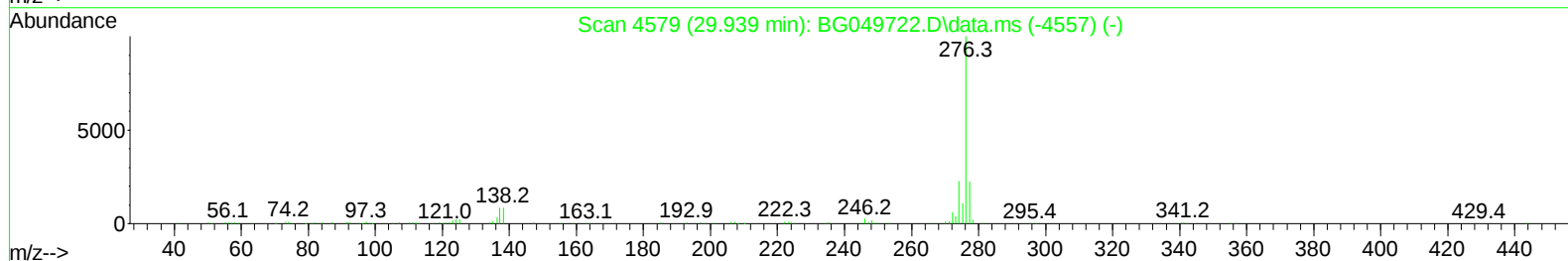
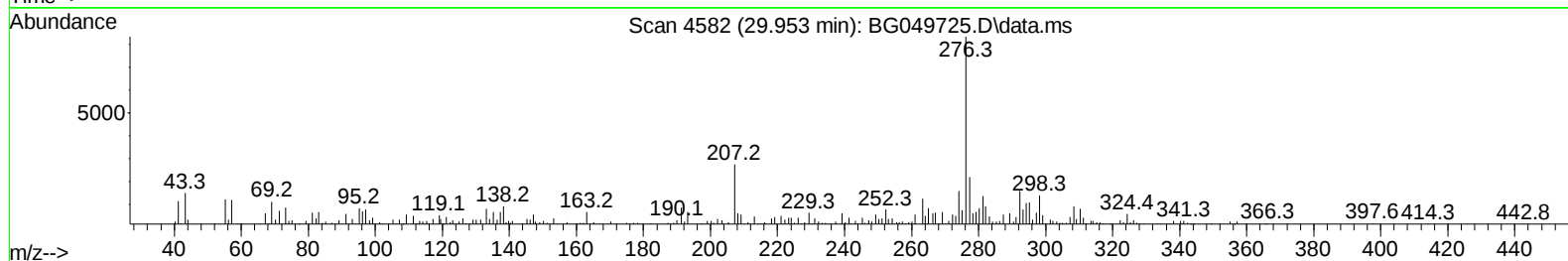
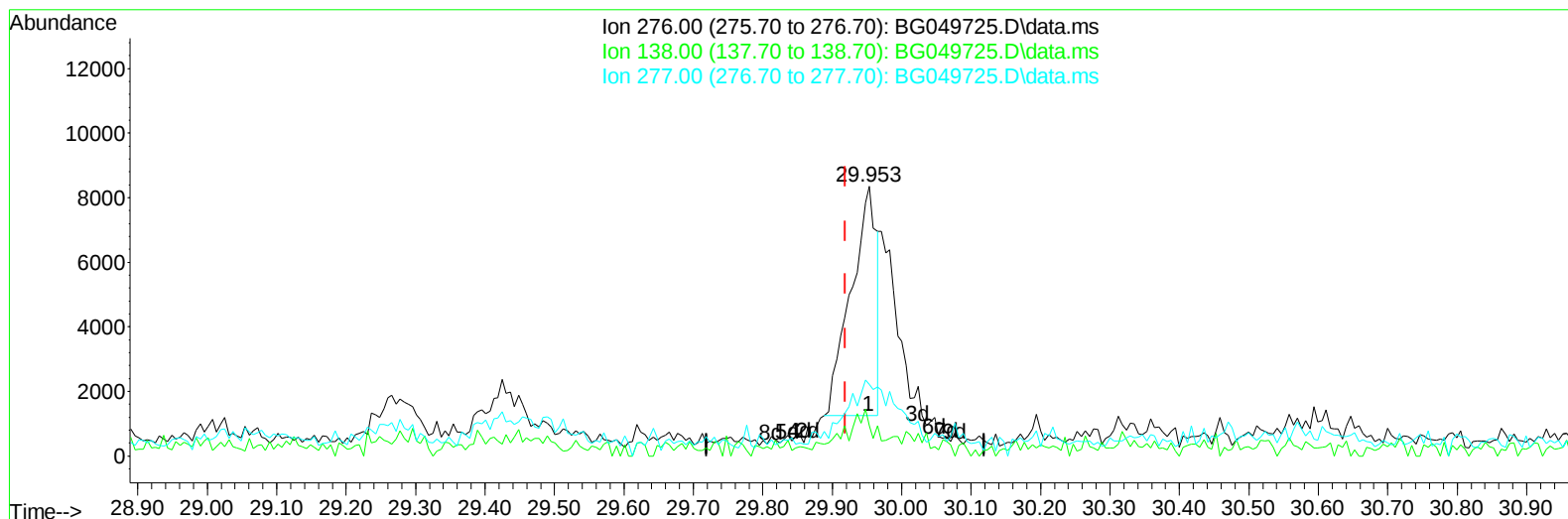
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ALS Vial : 58 Sample Multiplier: 1

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TIC: BG049725.D\data.ms

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

29.953min (+ 0.034) 1.64 ng/u1

response 18111

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	11.25#
277.00	24.40	26.48
0.00	0.00	0.00

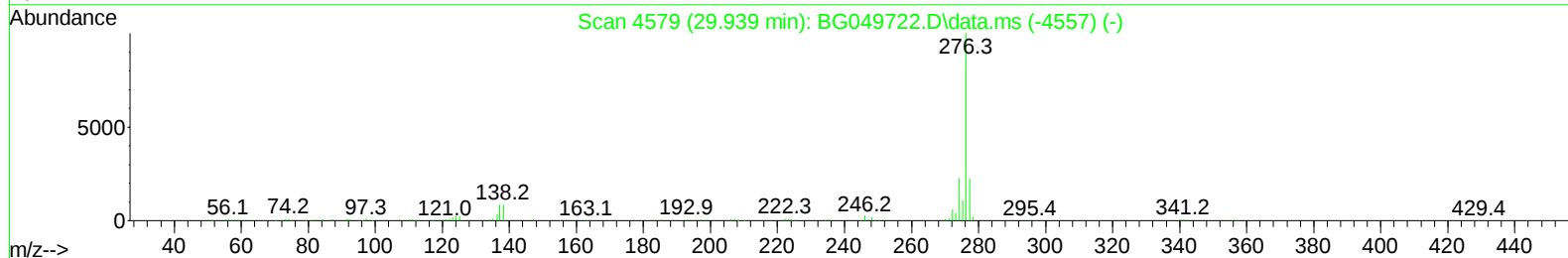
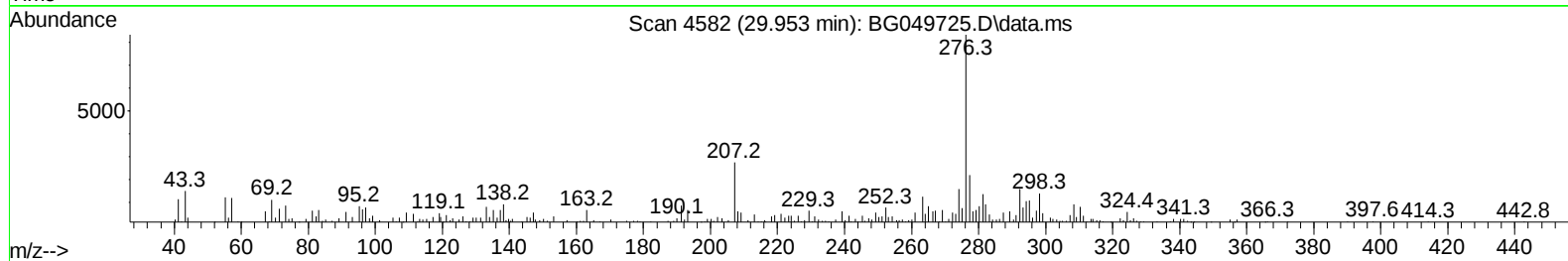
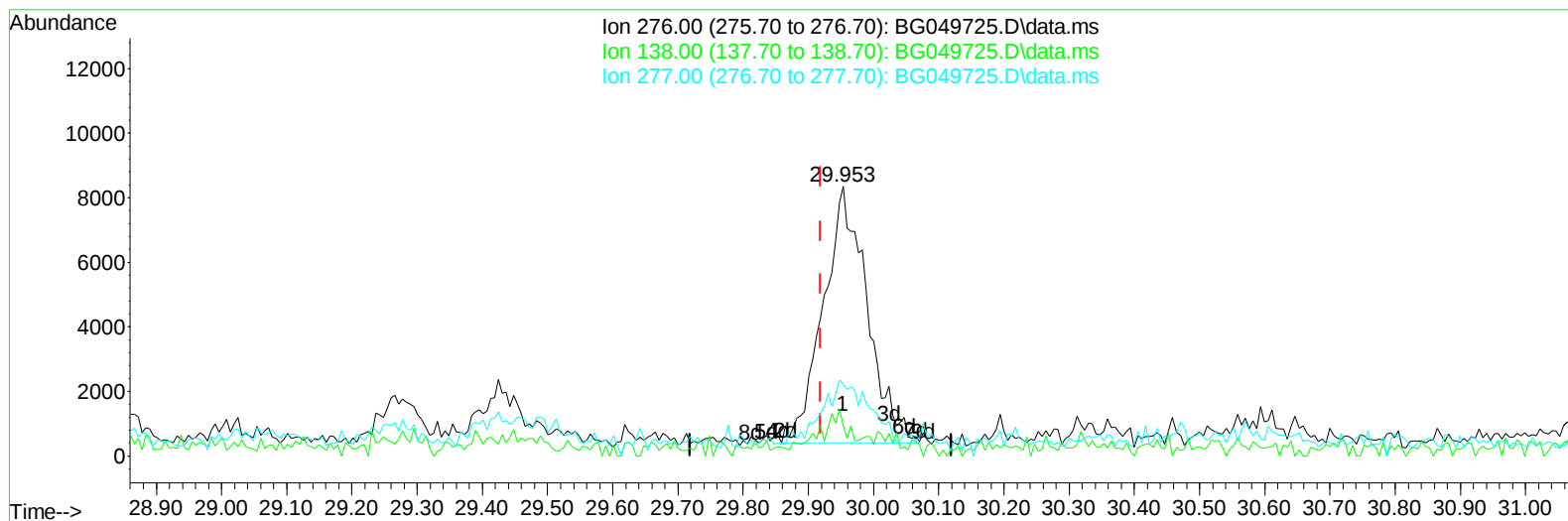
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Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration



TIC: BG049725.D\data.ms

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

29.953min (+ 0.034) 3.36 ng/u1 m

response 36976

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	11.25#
277.00	24.40	26.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049725.D
 Acq On : 8 Aug 2021 5:51
 Operator : CG/JU
 Sample : M3244-08
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCE06

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:11:38 PM

Quant Time: Aug 09 03:14:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	37054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.861	136	148052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	91194	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	176693	20.000	ng/ul	0.00
79) Chrysene-d12	21.729	240	163666	20.000	ng/ul	0.00
88) Perylene-d12	25.019	264	175404	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.436	96	1971m	2.487	ng/uL	0.01
4) Pyridine-d5	3.871	84	13509m	5.680	ng/ul	0.02
7) Phenol-d5	7.202	99	45558	13.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.360	67	31165	16.134	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	37926	15.757	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	26948	10.510	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	21500	18.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	23462	17.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	40043	15.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	4795	1.395	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	129303	18.068	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	155528	18.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	12766	11.033	ng/ul	0.02
60) Fluorene-d10	15.684	176	106622	17.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	18727	15.747	ng/ul	0.00
73) Anthracene-d10	17.547	188	159953	19.178	ng/ul	0.00
81) Pyrene-d10	19.832	212	174307	19.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.790	264	165818	17.253	ng/ul	0.01
Target Compounds				Qvalue		
6) Benzaldehyde	7.184	77	2631m	1.468	ng/ul	
30) Naphthalene	10.914	128	10901	1.410	ng/ul	94
36) 2-Methylnaphthalene	12.518	142	10202	1.723	ng/ul	92
37) 1-Methylnaphthalene	12.735	142	10390	1.804	ng/ul	93
72) Phenanthrene	17.488	178	112711	12.052	ng/ul	98
74) Anthracene	17.582	178	14395	1.539	ng/ul	94
77) Carbazole	17.846	167	12507	1.496	ng/ul#	93
80) Fluoranthene	19.497	202	171227	15.386	ng/ul	98
82) Pyrene	19.861	202	142341	12.824	ng/ul	97
85) Benzo(a)anthracene	21.712	228	94618	8.805	ng/ul#	87
87) Chrysene	21.776	228	119009	11.858	ng/ul#	89
90) Benzo(b)fluoranthene	23.967	252	125992	10.990	ng/ul	95
91) Benzo(k)fluoranthene	24.026	252	43657m	3.835	ng/ul	
93) Benzo(a)pyrene	24.860	252	85229	8.445	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.767	276	81100m	6.123	ng/ul	
95) Dibenzo(a,h)anthracene	28.802	278	32636m	2.954	ng/ul	
96) Benzo(g,h,i)perylene	29.953	276	36976m	3.357	ng/ul	

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

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