

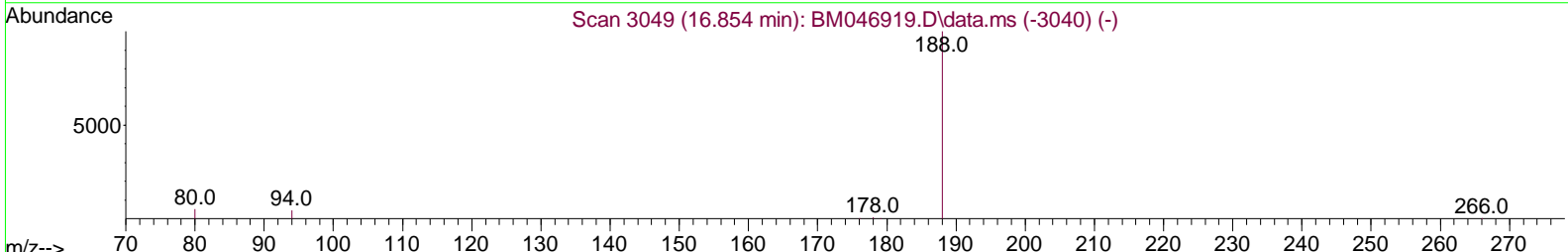
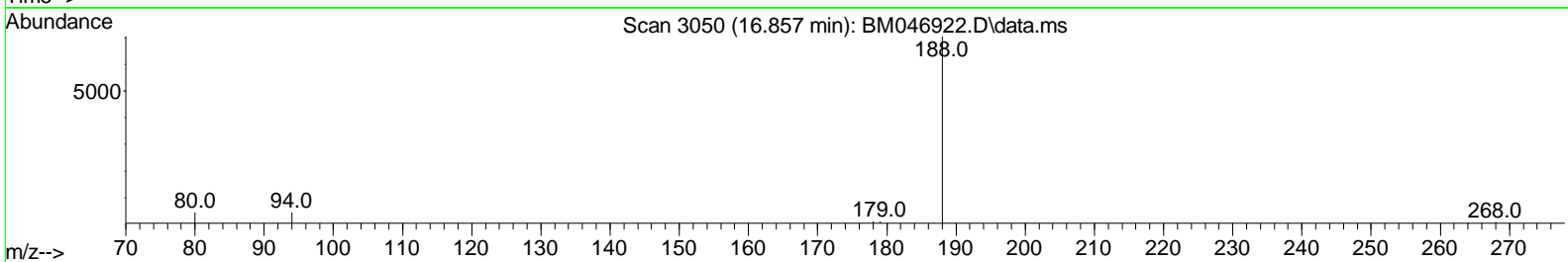
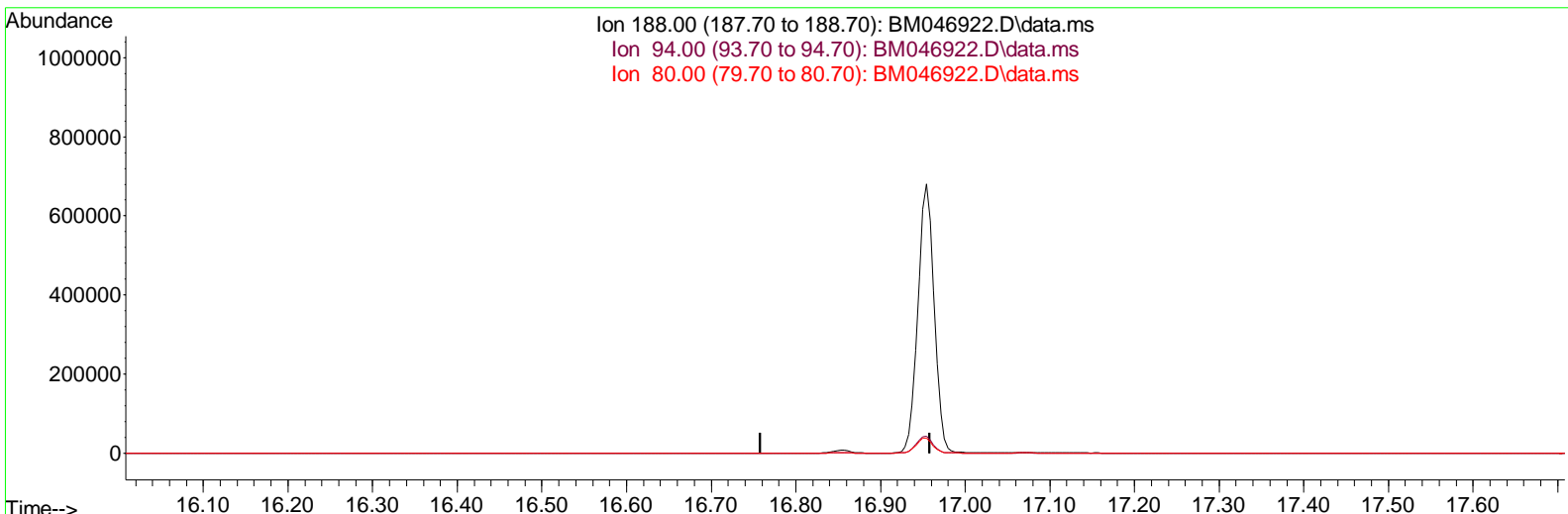
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046922.D
 Acq On : 30 Jul 2024 16:18
 Operator : MA/JU
 Sample : P3336-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 F7E40

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:31:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SI M-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BM046922.D\data.ms

(13) Phenanthrene-d10 (I)

16.858min (-16.858) 0.00 ng/ul

response	0	
Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.60	0.00#
80.00	6.30	0.00#
0.00	0.00	0.00

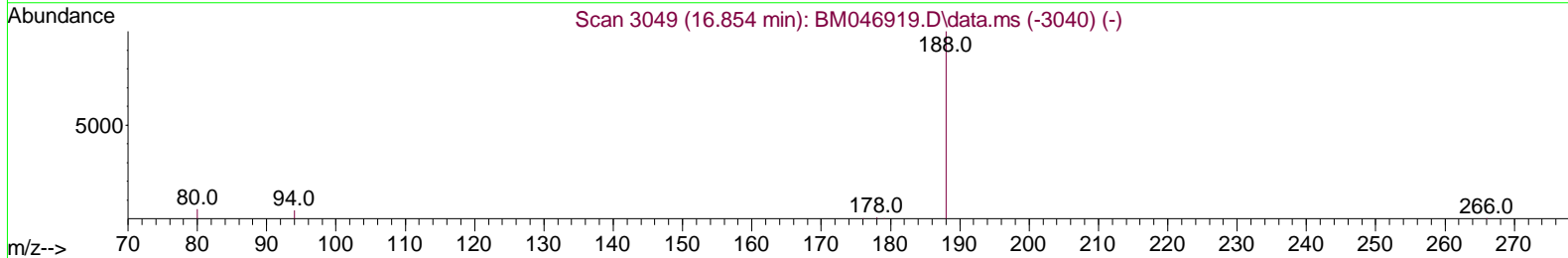
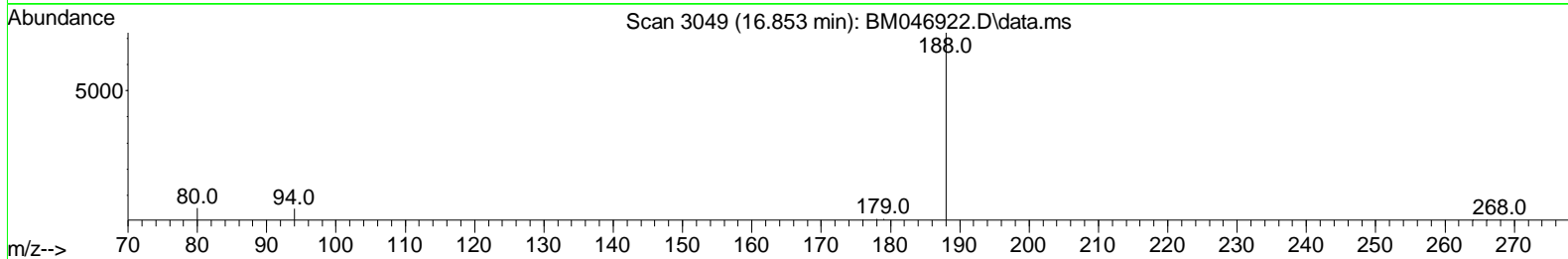
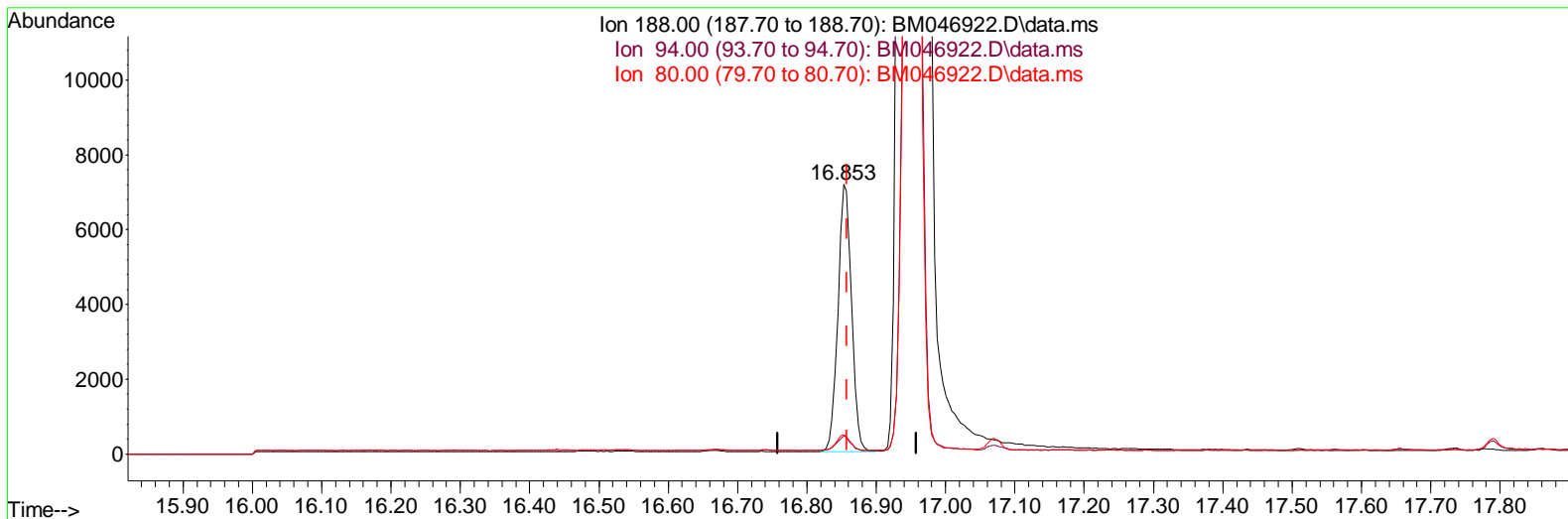
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TIC: BM046922.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.005) 0.40 ng/ul m

response	9790
Ion	Exp% Act%
188.00	100.00 100.00
94.00	6.60 6.67
80.00	6.30 7.13
0.00	0.00 0.00

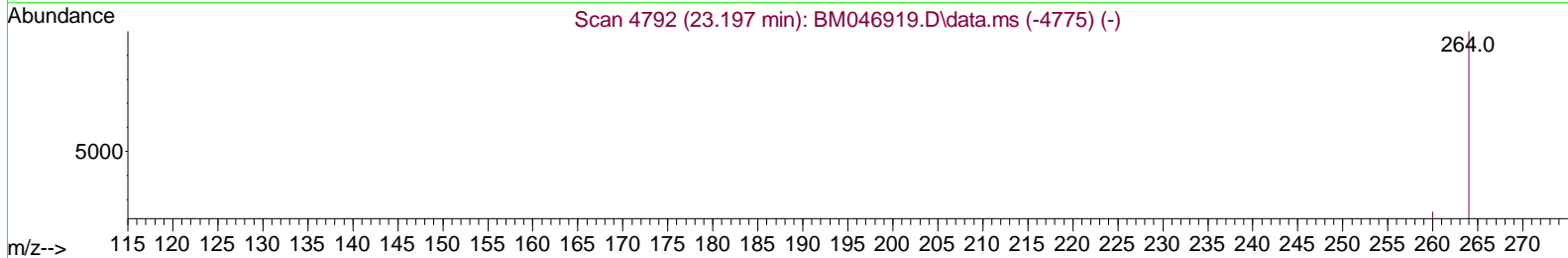
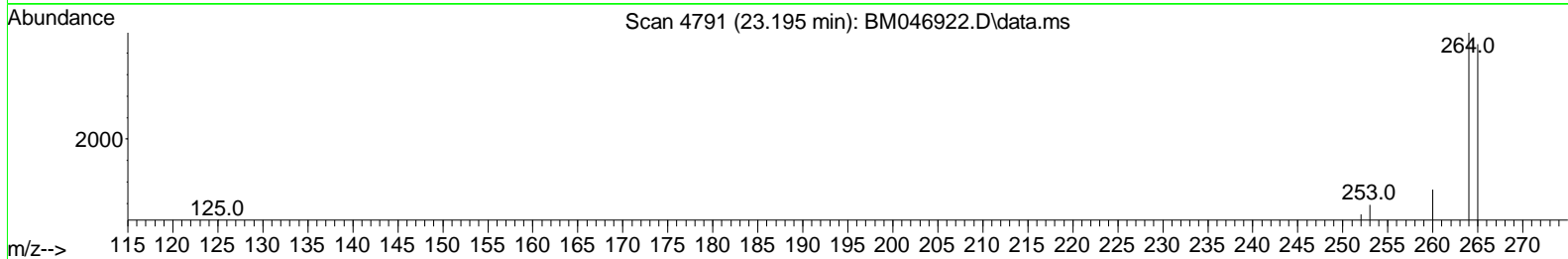
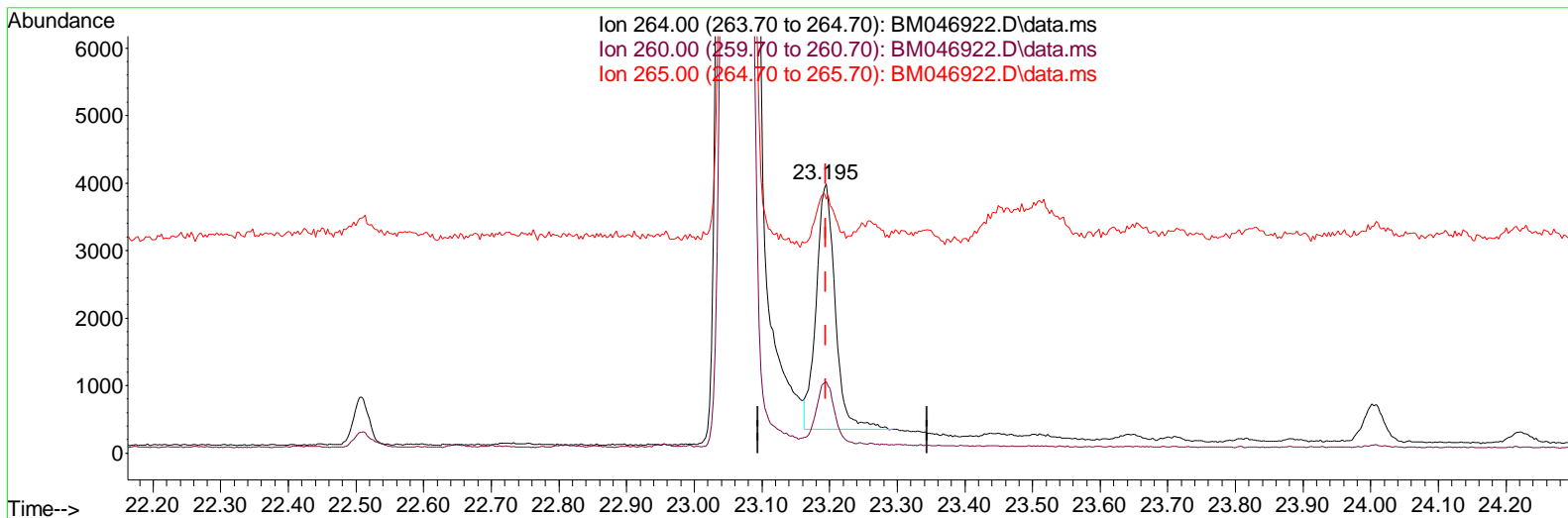
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TIC: BM046922.D\data.ms

(23) Perylene-d12 (I)		
23.195min (+ 0.000)	0.40	ng/ul
response	7086	
Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.51
265.00	89.90	94.53
0.00	0.00	0.00

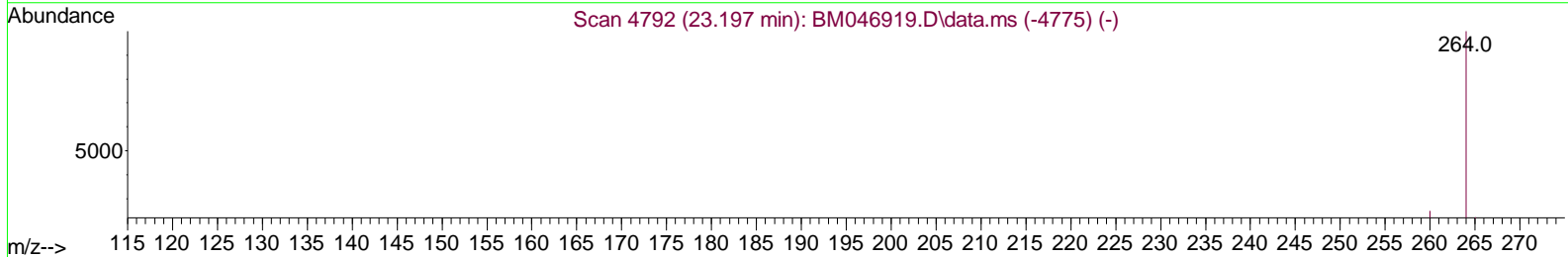
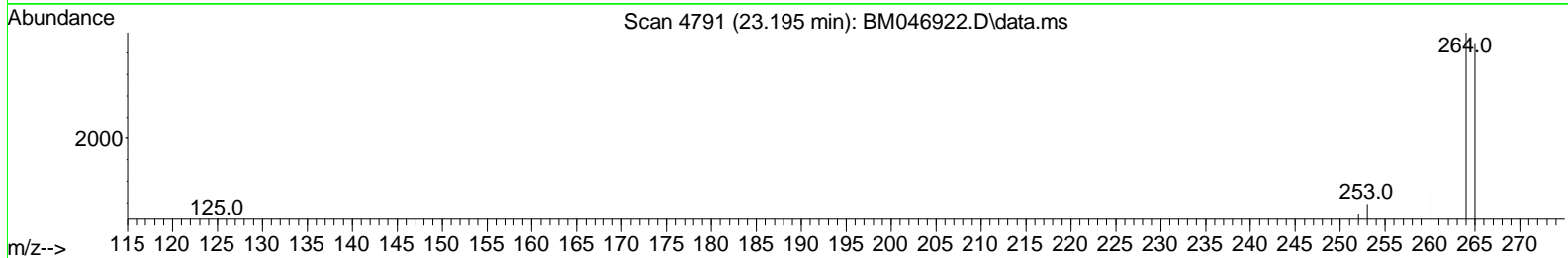
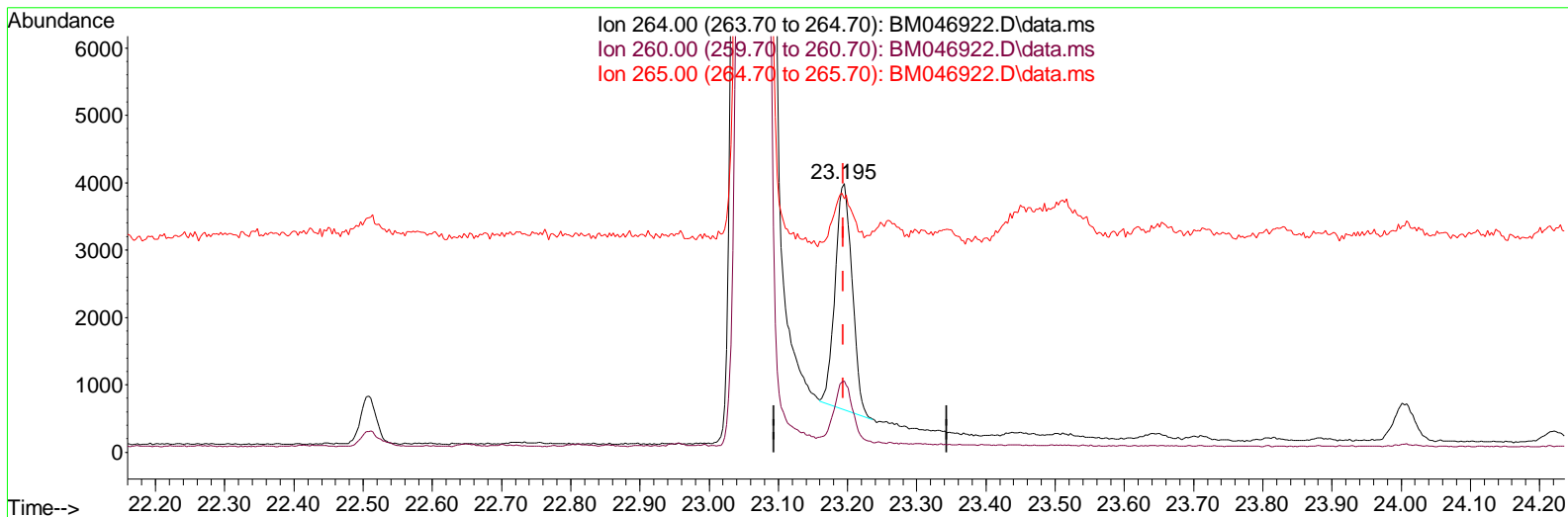
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TIC: BM046922.D\data.ms

(23) Perylene-d12 (I)		
23.195min (+ 0.000)	0.40 ng/ul m	
response	5709	
Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.51
265.00	89.90	94.53
0.00	0.00	0.00

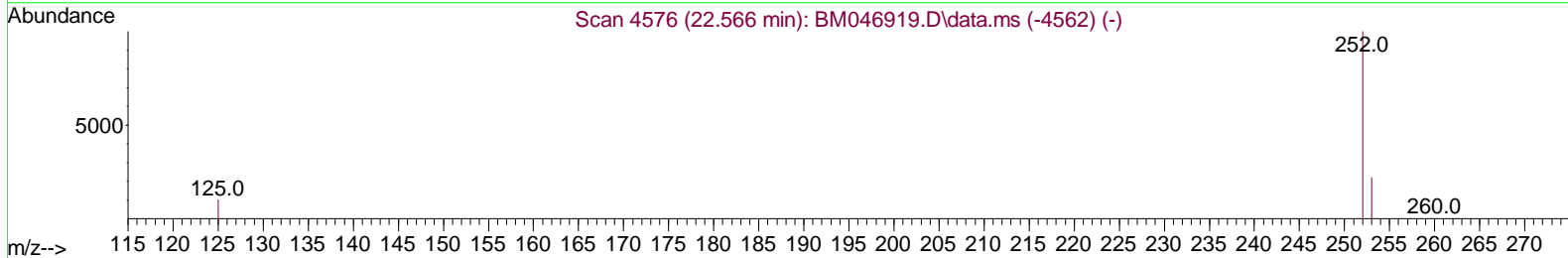
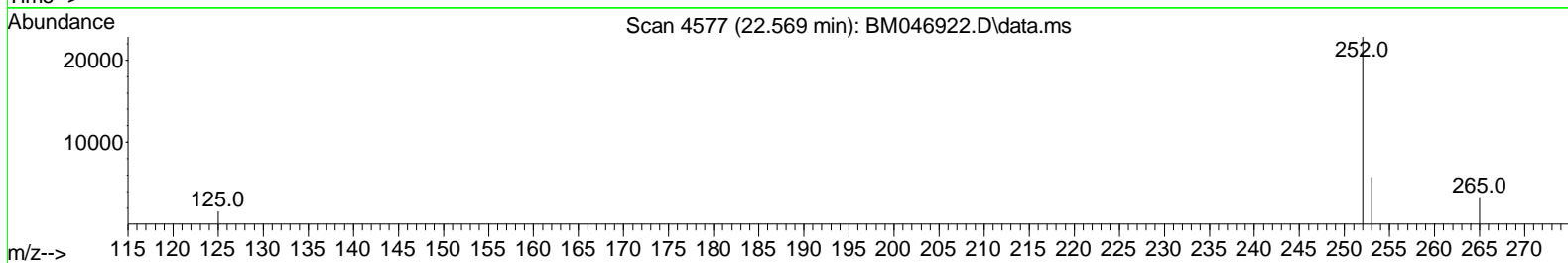
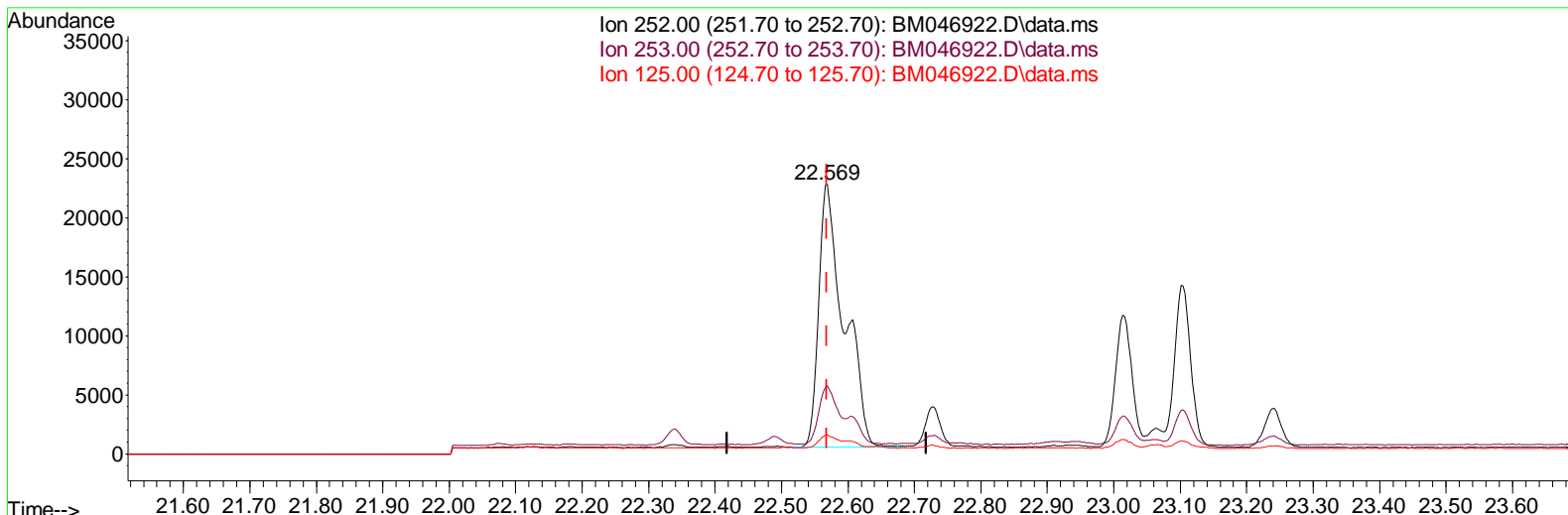
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TIC: BM046922.D\data.ms

(24) Benzo(b)fluoranthene

22.569min (+ 0.000) 2.36 ng/ul

response	59110		
Ion	Exp%	Act%	
252.00	100.00	100.00	
253.00	28.20	25.33	
125.00	7.90	7.19	
0.00	0.00	0.00	

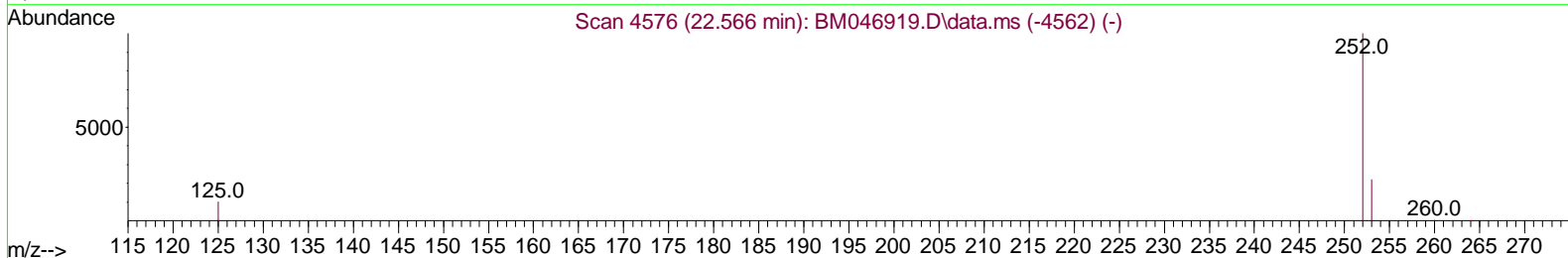
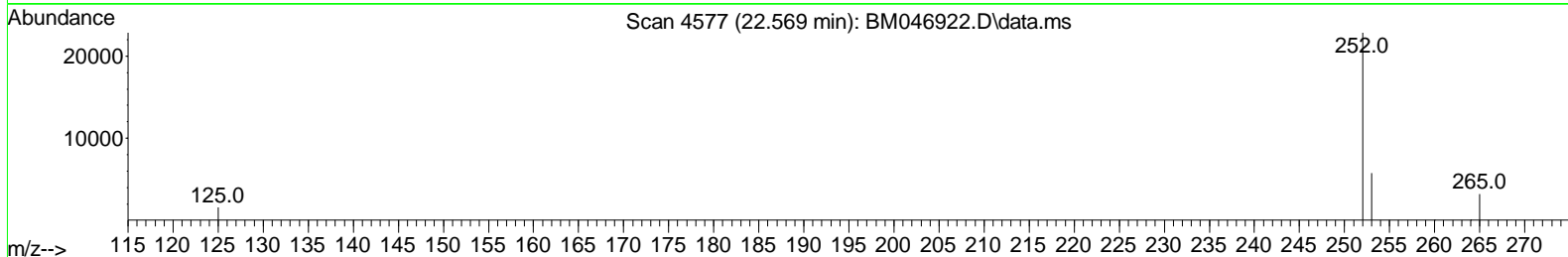
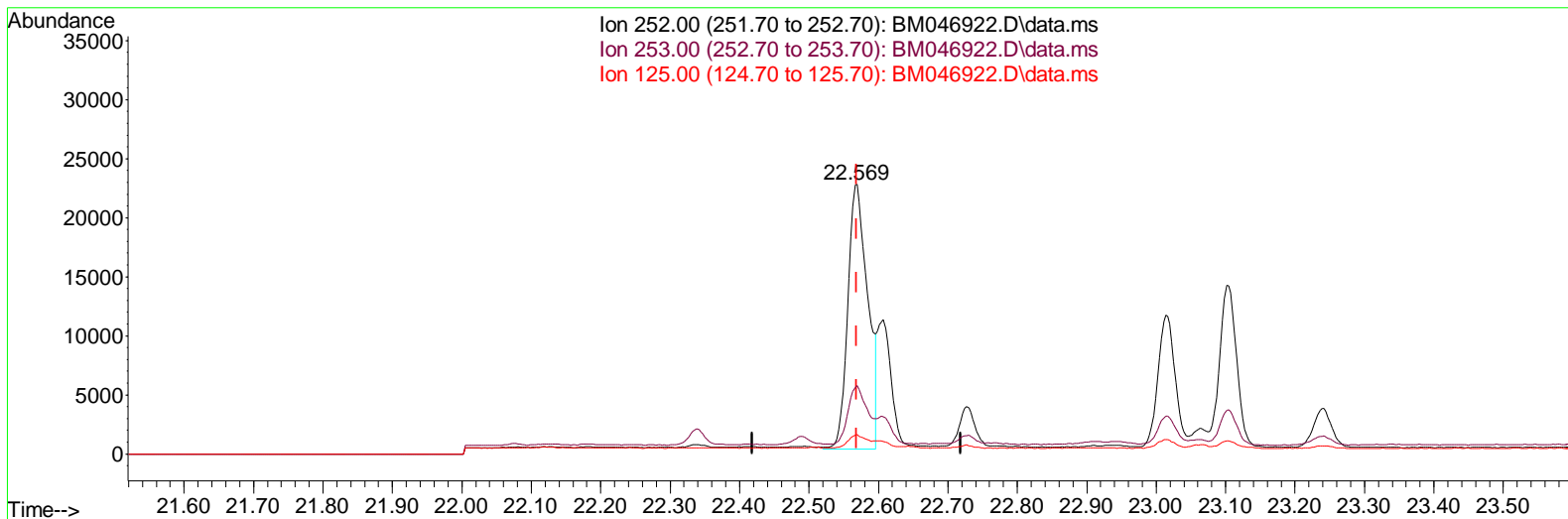
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046922.D
 Acq On : 30 Jul 2024 16:18
 Operator : MA/JU
 Sample : P3336-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 F7E40

Manual Integrations APPROVED

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TIC: BM046922.D\data.ms

(24) Benzo(b)fluoranthene

22.569min (+ 0.000) 1.78 ng/ul m

response	44712	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.33
125.00	7.90	7.19
0.00	0.00	0.00

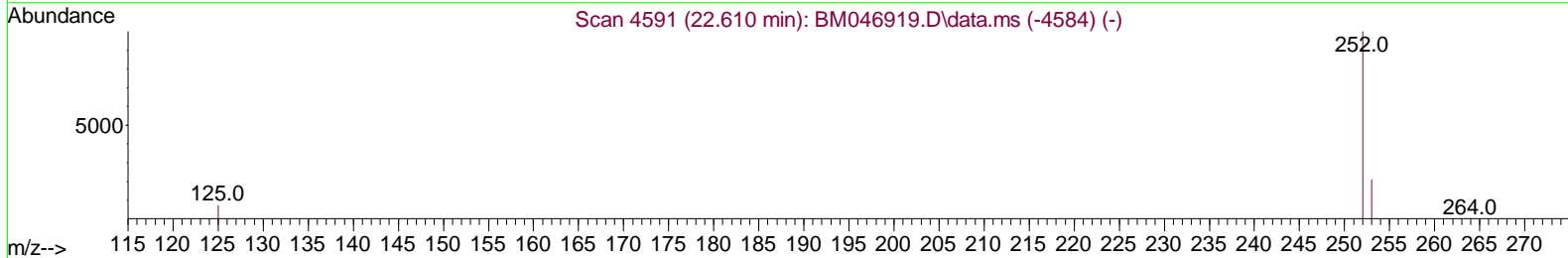
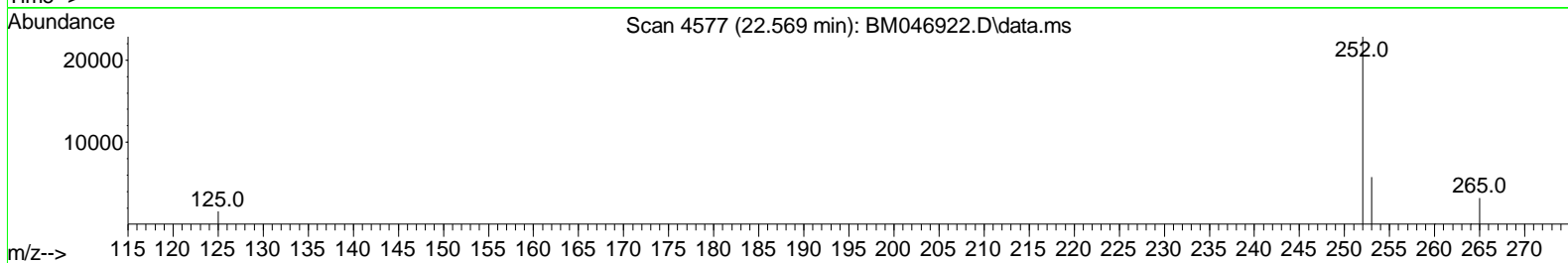
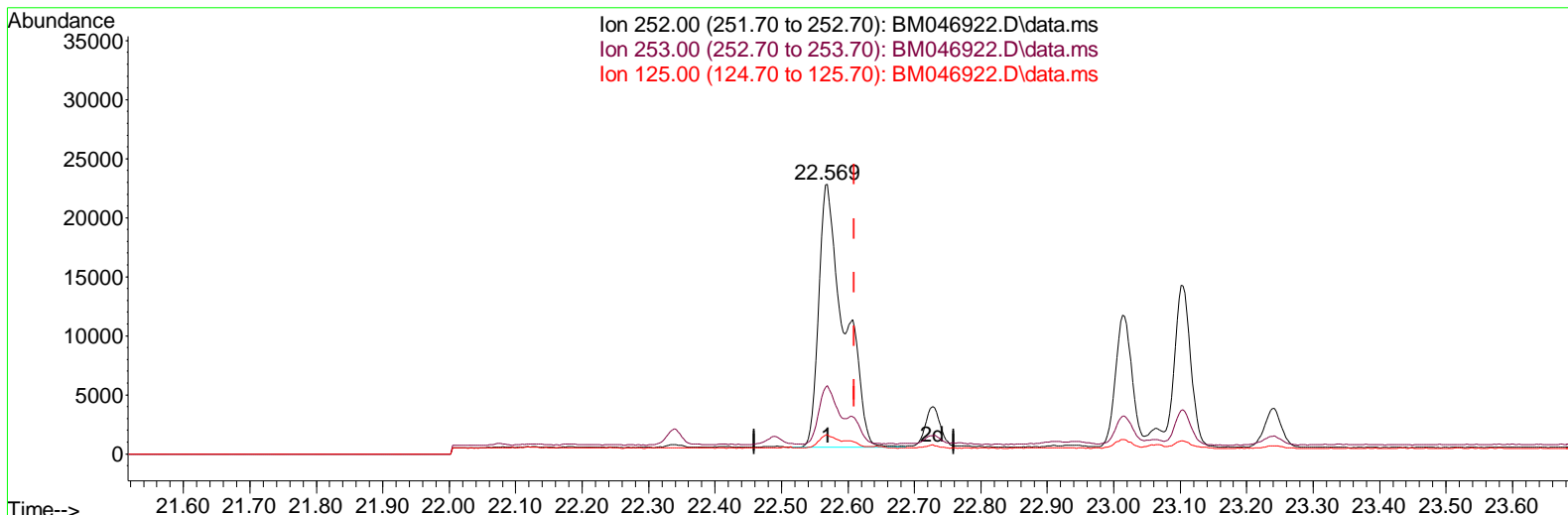
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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TIC: BM046922.D\data.ms

(25) Benzo(k)fluoranthene

22.569min (-0.040) 2.34 ng/ul

response	59110
Ion	Exp% Act%
252.00	100.00 100.00
253.00	29.40 25.33
125.00	10.80 7.19#
0.00	0.00 0.00

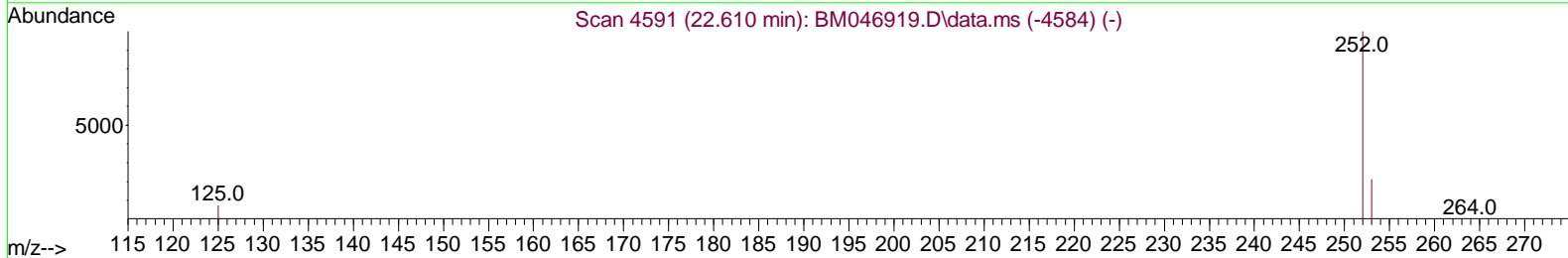
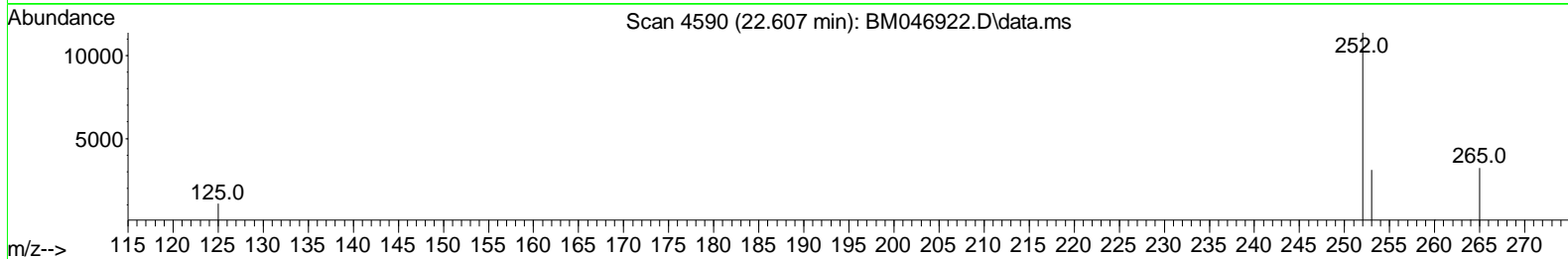
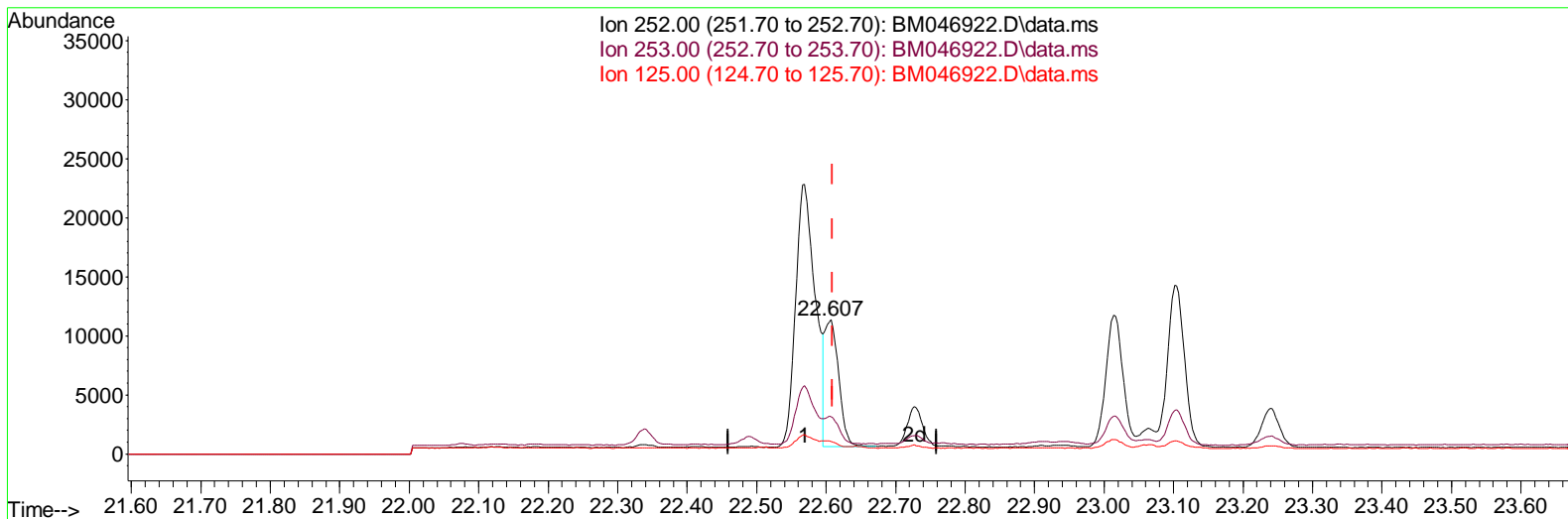
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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TIC: BM046922.D\data.ms

(25) Benzo(k)fluoranthene

22.607min (-0.002) 0.59 ng/ul m

response	14806
Ion	Exp% Act%
252.00	100.00 100.00
253.00	29.40 27.54
125.00	10.80 9.41
0.00	0.00 0.00

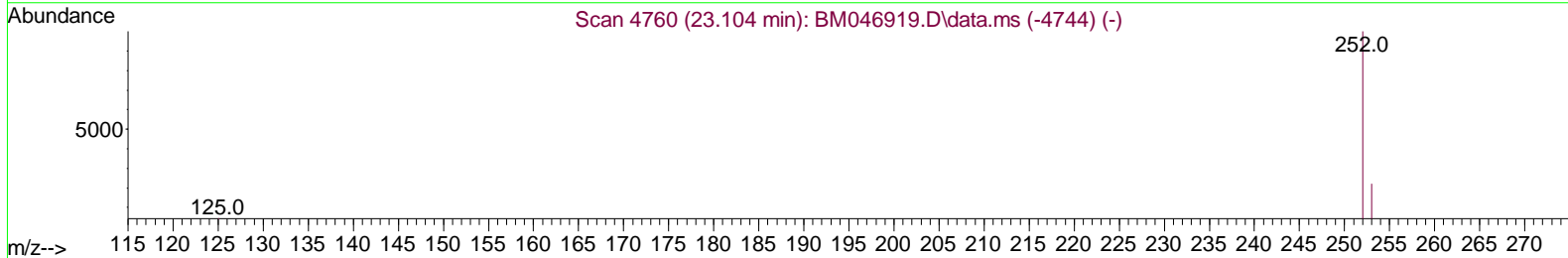
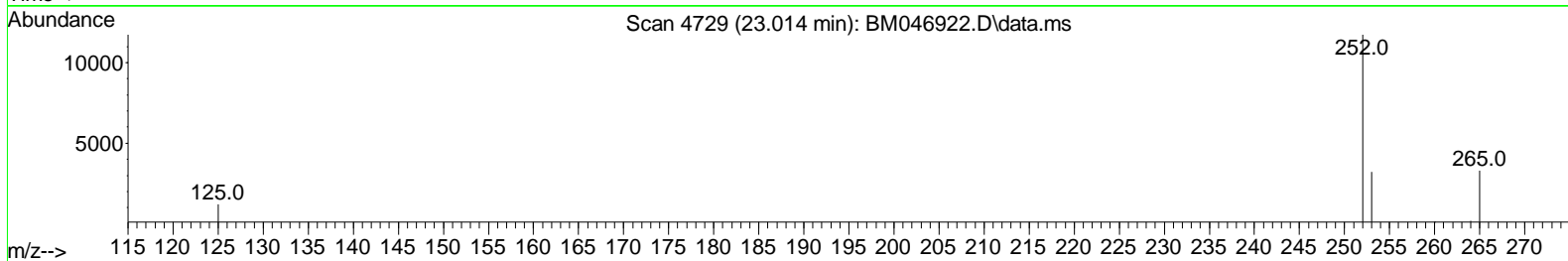
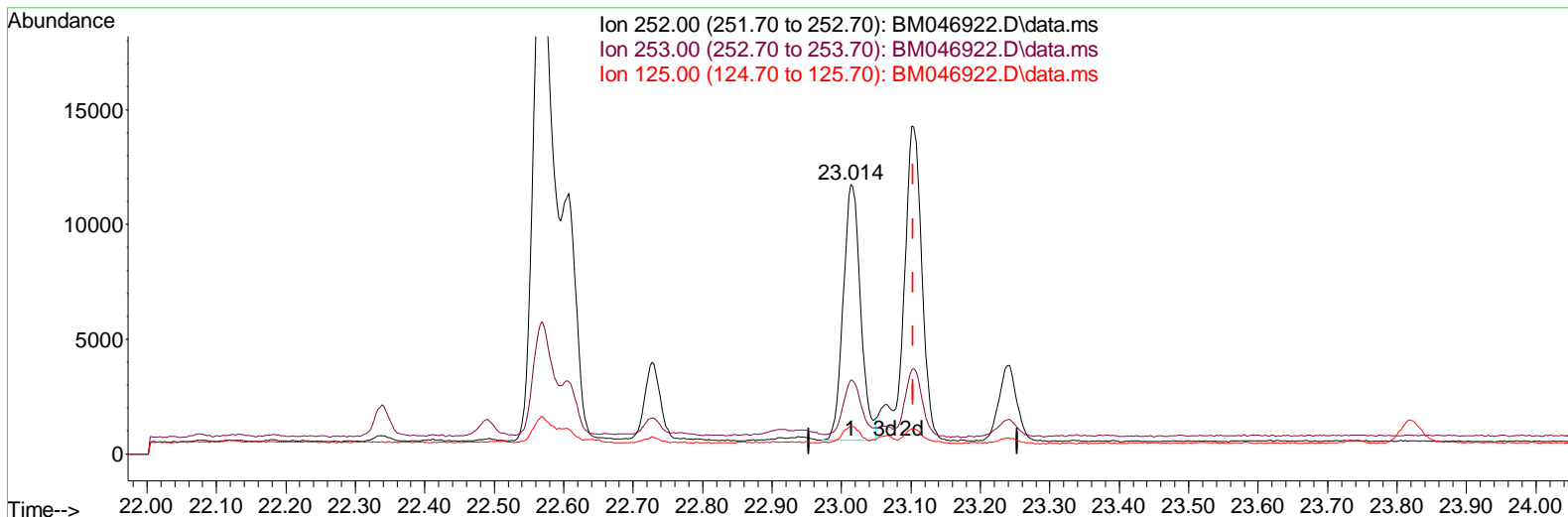
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TIC: BM046922.D\data.ms

(26) Benzo(a)pyrene (C)

23.014min (-0.090) 1.08 ng/ul

response	19403		
Ion	Exp%	Act%	
252.00	100.00	100.00	
253.00	32.50	27.52	
125.00	9.80	10.42	
0.00	0.00	0.00	

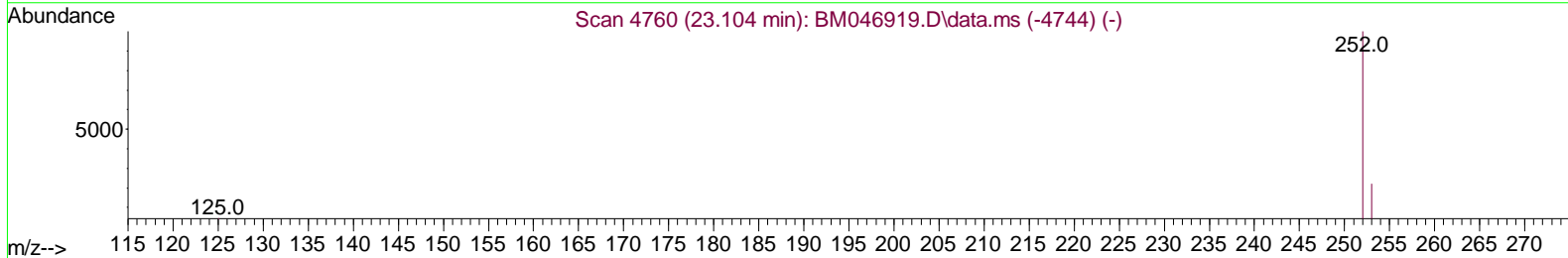
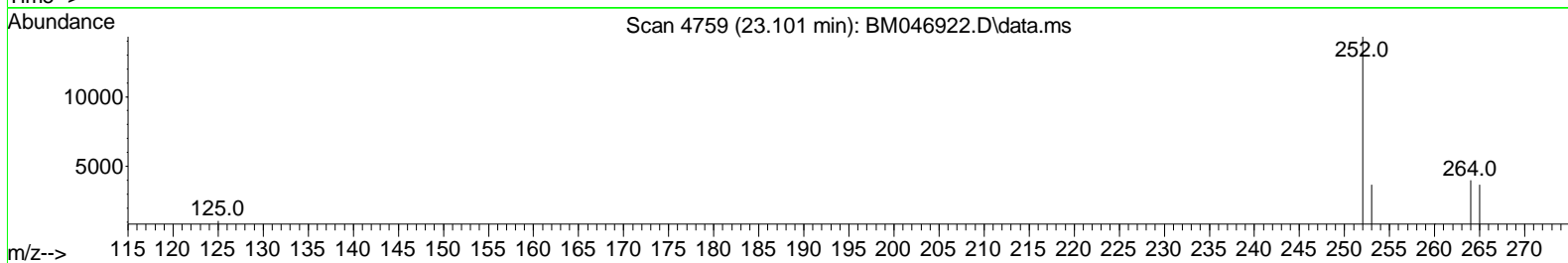
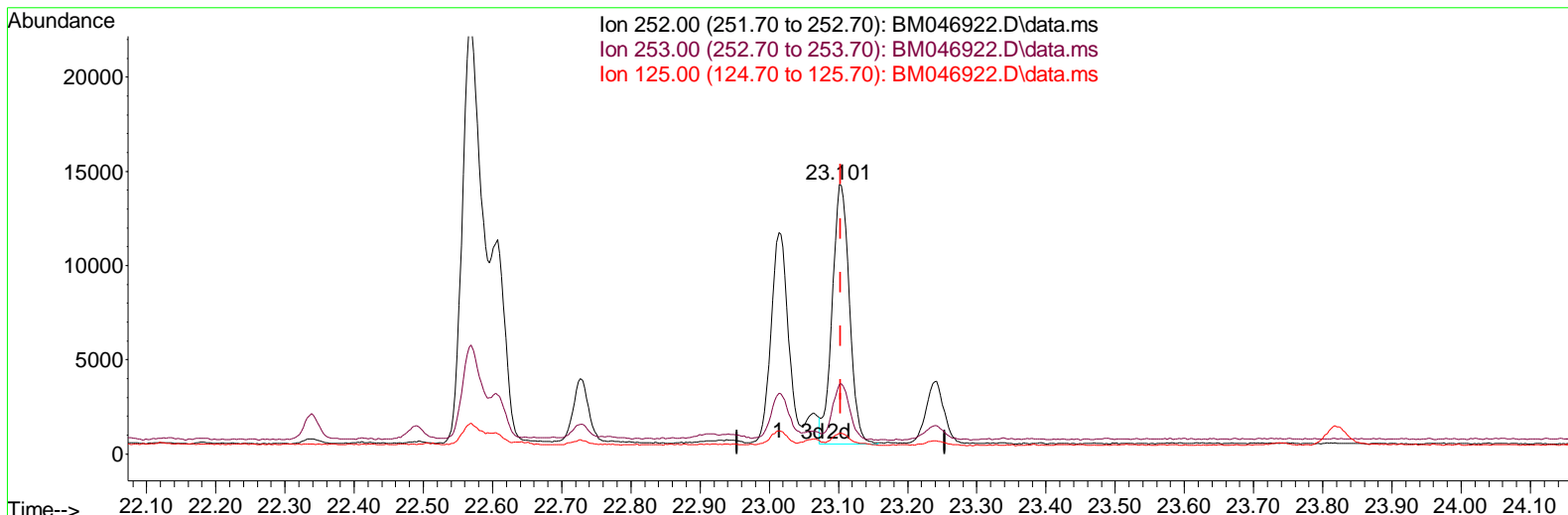
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(26) Benzo(a)pyrene (C)

23.101min (-0.002) 1.32 ng/ul m

response	23823	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.50	25.72#
125.00	9.80	7.74#
0.00	0.00	0.00

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Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.451	152	4140	0.400	ng/ul	0.00	
4) Naphthalene-d8	10.204	136	6560	0.400	ng/ul	0.00	
9) Acenaphthene-d10	14.098	164	4384	0.400	ng/ul	0.00	
13) Phenanthrene-d10	16.853	188	9790m	0.400	ng/ul	0.00	
17) Chrysene-d12	21.070	240	6666	0.400	ng/ul	0.00	
23) Perylene-d12	23.195	264	5709m	0.400	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.084	96	10147	3.500	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	11.804	152	4662	0.447	ng/ul	0.00	
18) Fluoranthene-d10	18.894	212	9929	0.457	ng/ul	0.00	
Target Compounds							
							Qvalue
5) Naphthalene	10.253	128	8695	0.524	ng/ul		99
7) 2-Methylnaphthalene	11.881	142	1255	0.110	ng/ul		100
8) 1-Methylnaphthalene	12.107	142	515	0.044	ng/ul		99
10) Acenaphthylene	13.812	152	2167	0.108	ng/ul #		89
11) Acenaphthene	14.159	153	8519	0.625	ng/ul		99
12) Fluorene	15.158	166	7564	0.444	ng/ul		98
15) Phenanthrene	16.895	178	19025	0.676	ng/ul		99
16) Anthracene	16.988	178	9722	0.371	ng/ul		98
19) Fluoranthene	18.927	202	161528	5.517	ng/ul		99
20) Pyrene	19.294	202	135808	4.484	ng/ul		98
21) Benzo(a)anthracene	21.056	228	46702	1.681	ng/ul		100
22) Chrysene	21.105	228	46931	1.663	ng/ul		99
24) Benzo(b)fluoranthene	22.569	252	44712m	1.784	ng/ul		
25) Benzo(k)fluoranthene	22.607	252	14806m	0.586	ng/ul		
26) Benzo(a)pyrene	23.101	252	23823m	1.324	ng/ul		
27) Indeno(1,2,3-cd)pyrene	25.286	276	13812	0.499	ng/ul #		94
28) Di benzo(a,h)anthracene	25.296	278	3341	0.165	ng/ul #		70
29) Benzo(g,h,i)perylene	25.927	276	12786	0.524	ng/ul		98

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

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