

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043003.D
 Acq On : 25 Nov 2023 06:38
 Operator : MA/JU
 Sample : 05261-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ6

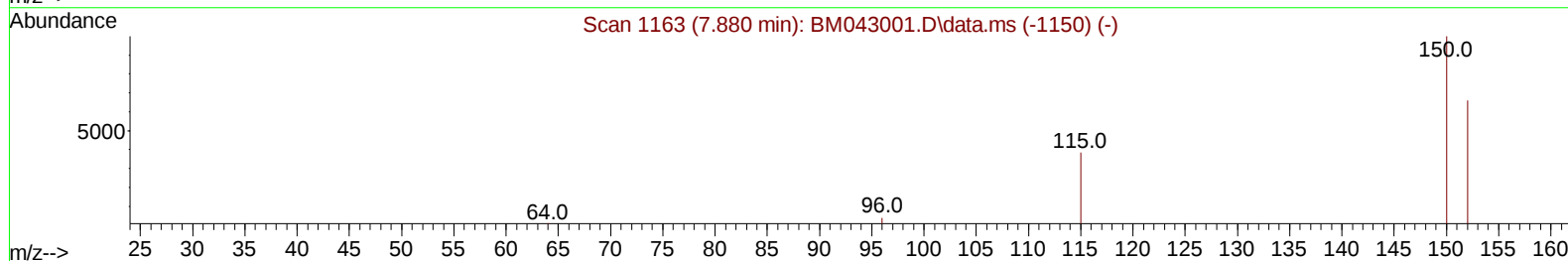
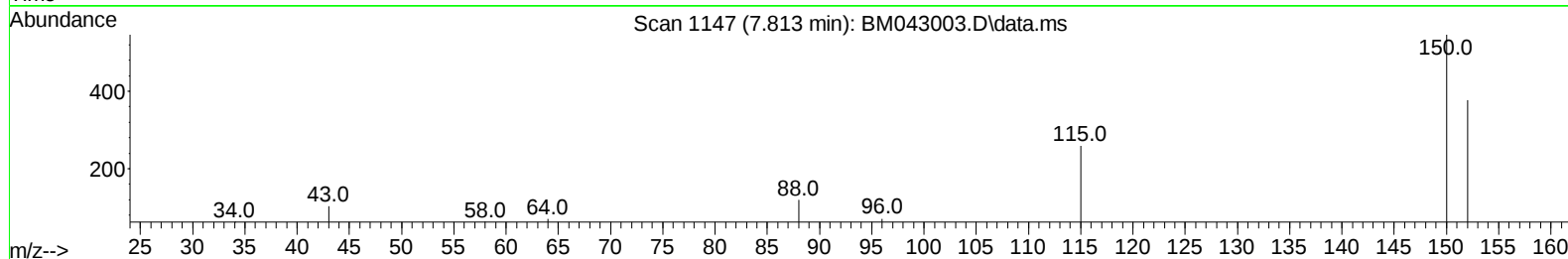
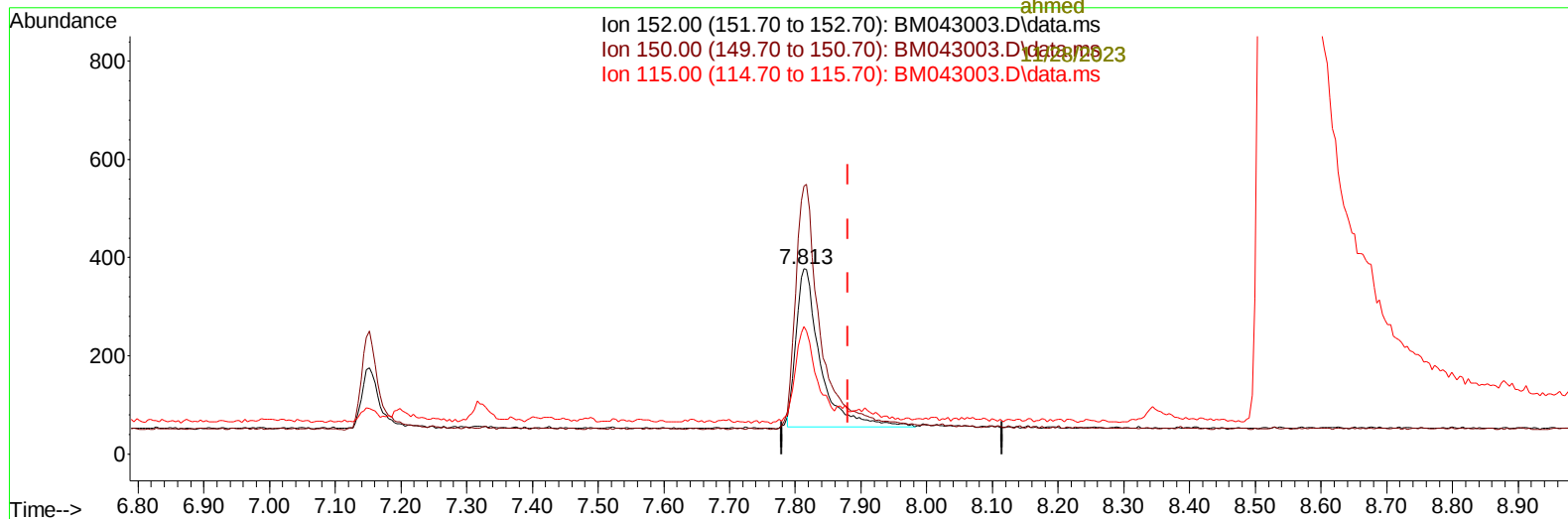
Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:42:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh
 Patel

11/28/2023
 Supervised By :mohammad
 ahmed

Ion 152.00 (151.70 to 152.70): BM043003.D\data.ms
 Ion 150.00 (149.70 to 150.70): BM043003.D\data.ms
 Ion 115.00 (114.70 to 115.70): BM043003.D\data.ms



TIC: BM043003.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.813min (-0.067) 0.40 ng/u1

response 826

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.83
115.00	89.60	68.70#
0.00	0.00	0.00

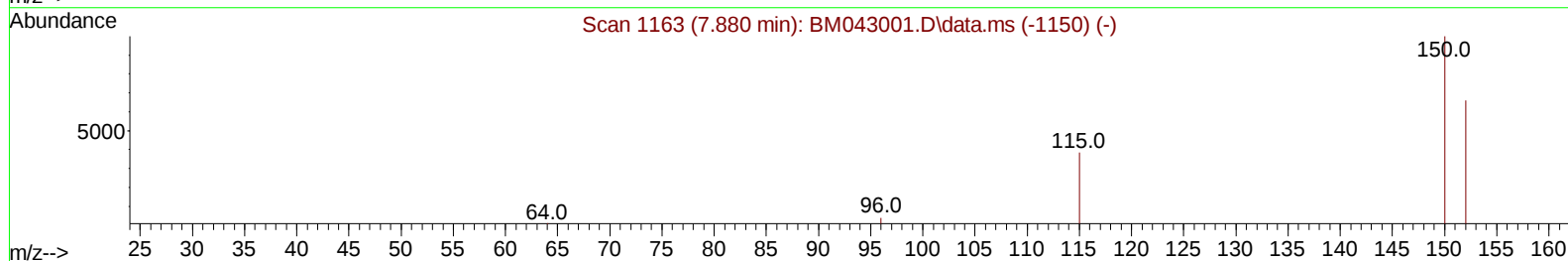
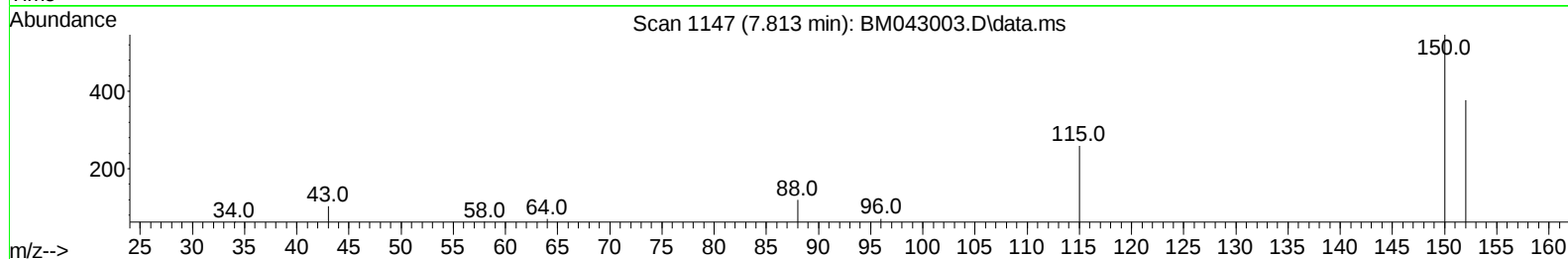
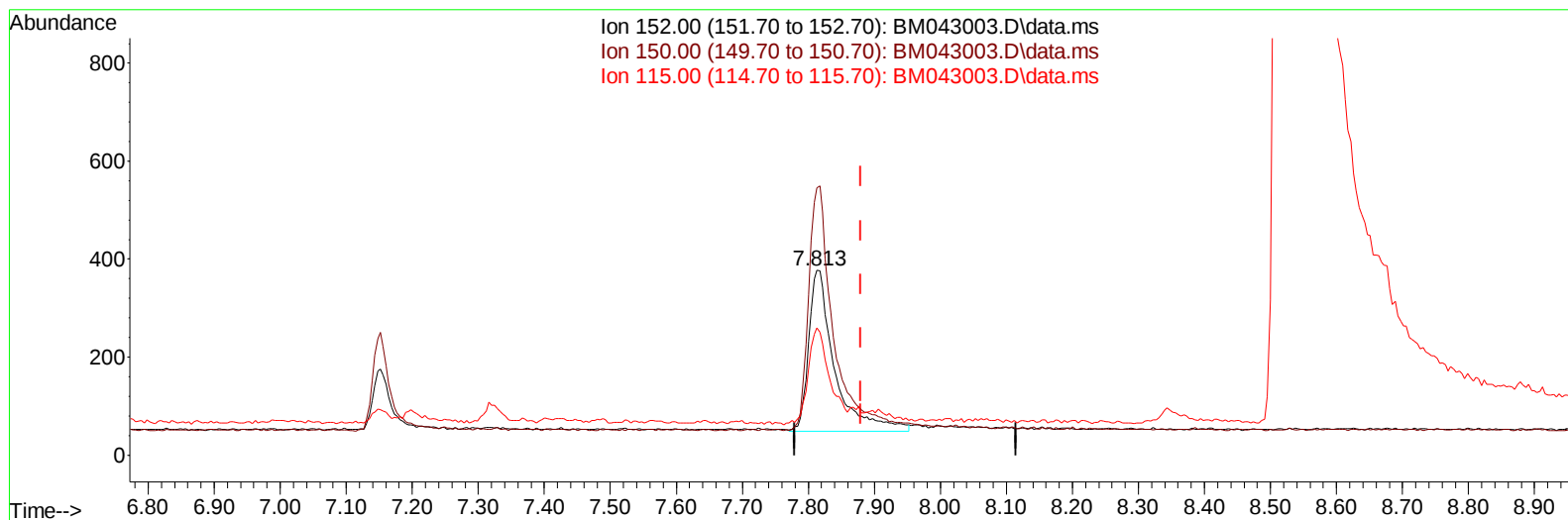
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Instrument :
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Supervised By :mohammad ahmed 11/28/2023



TIC: BM043003.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.813min (-0.067) 0.40 ng/ul m

response 901

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.83
115.00	89.60	68.70#
0.00	0.00	0.00

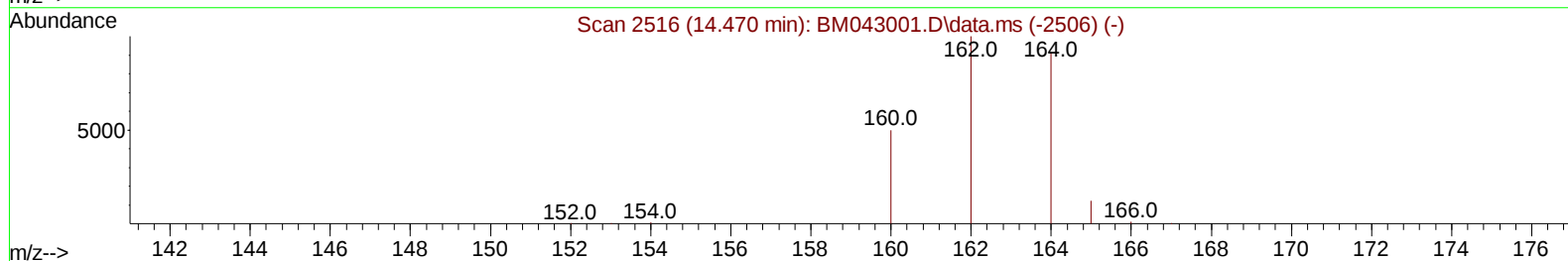
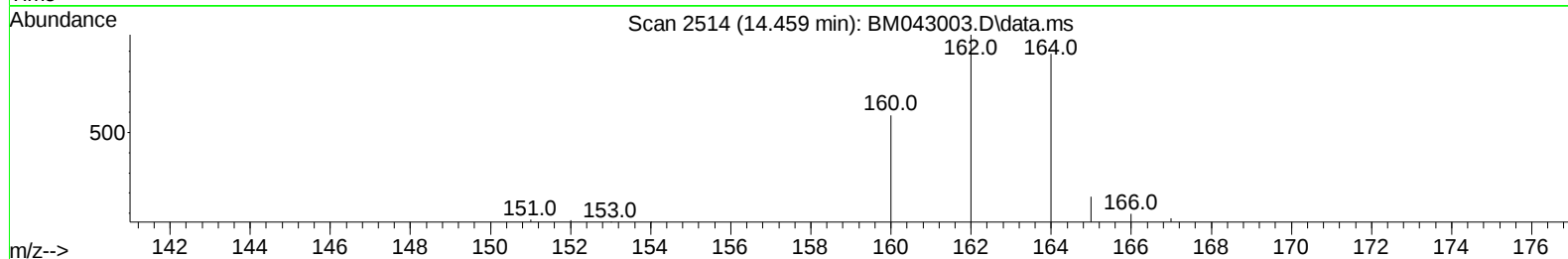
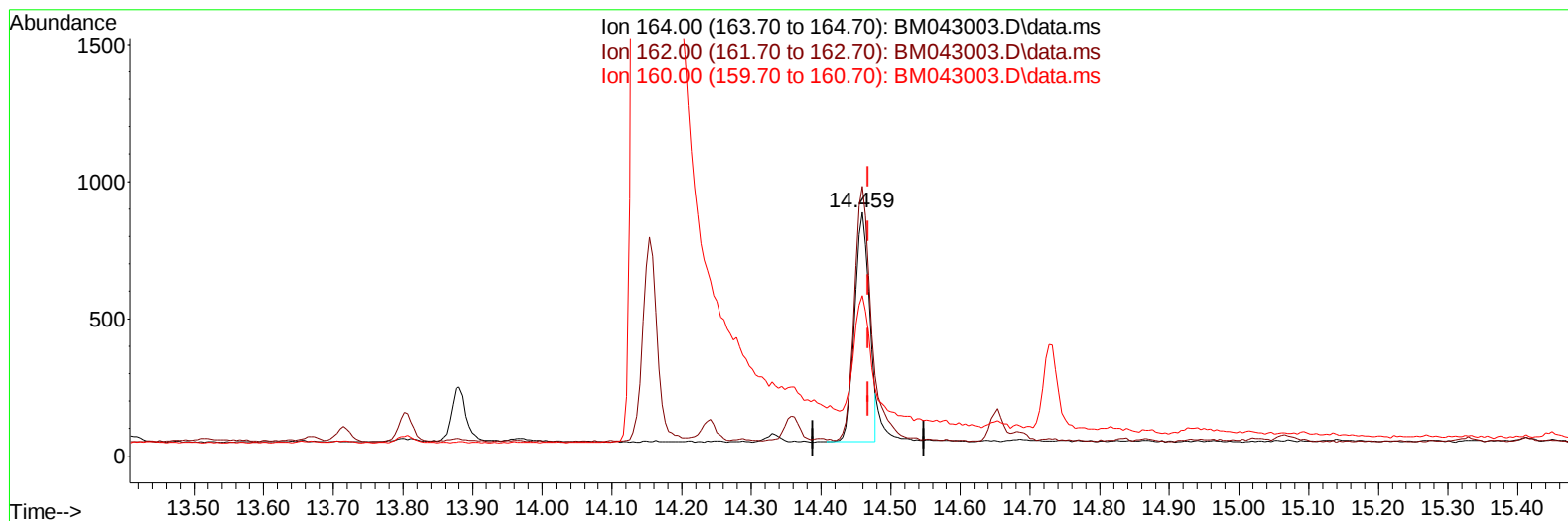
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TIC: BM043003.D\data.ms

(9) Acenaphthene-d10 (I)

14.459min (-0.009) 0.40 ng/u1

response 1250

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.59
160.00	57.20	65.77
0.00	0.00	0.00

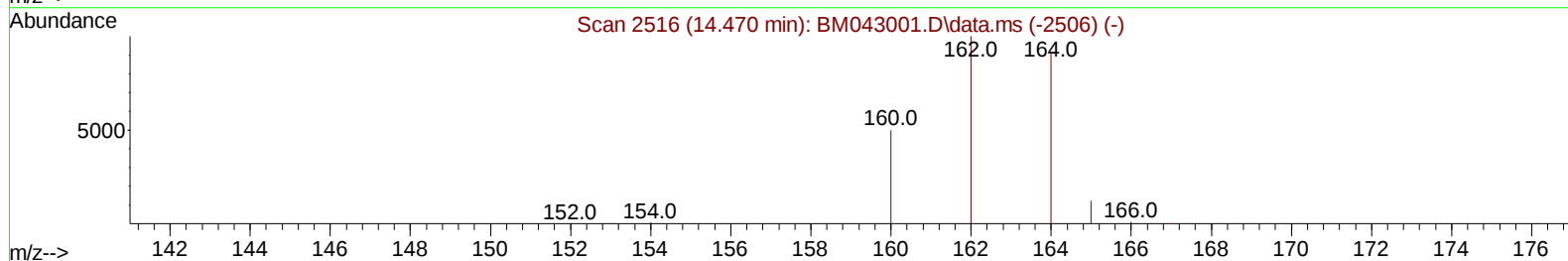
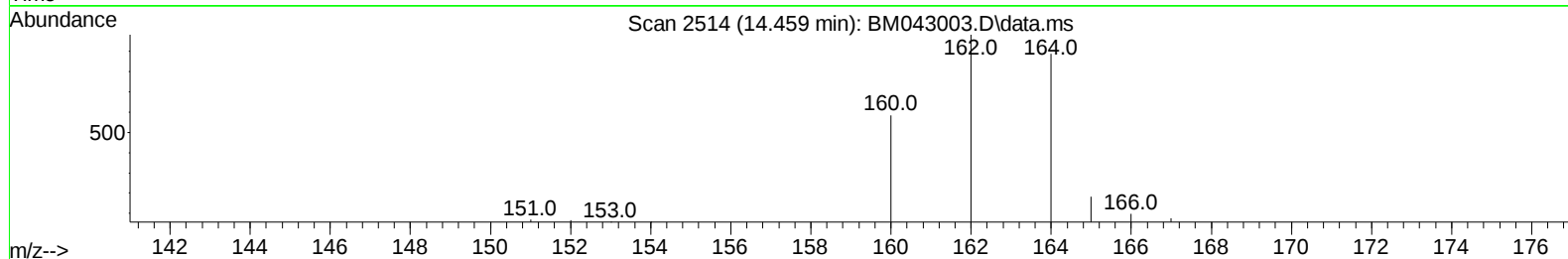
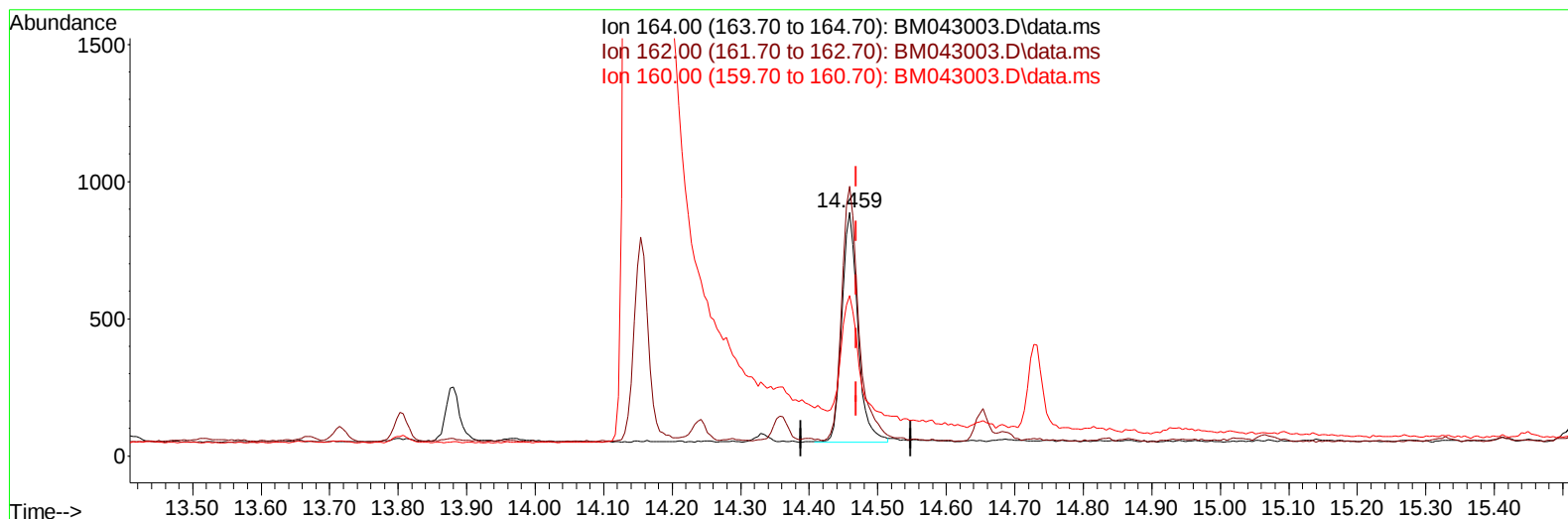
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TIC: BM043003.D\data.ms

(9) Acenaphthene-d10 (I)

14.459min (-0.009) 0.40 ng/ul m

response 1357

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	110.59
160.00	57.20	65.77
0.00	0.00	0.00

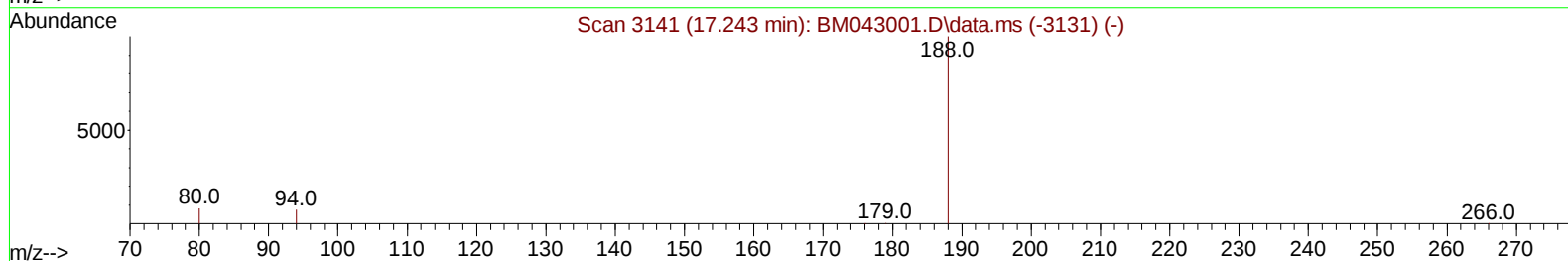
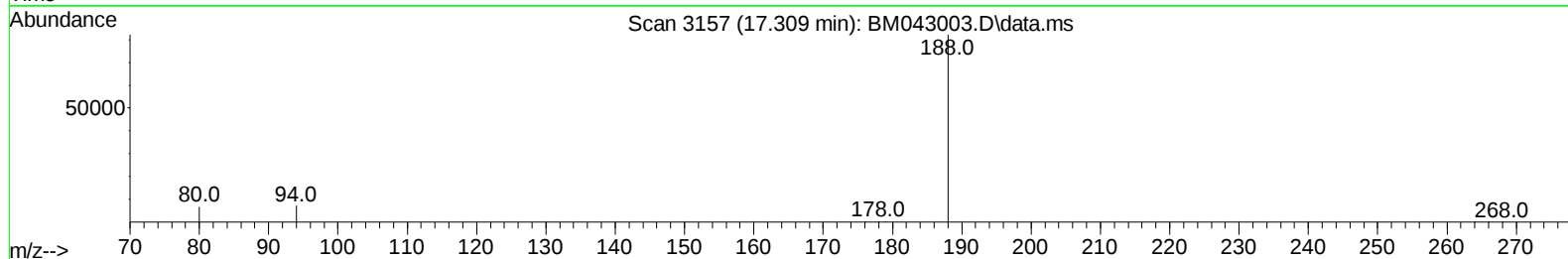
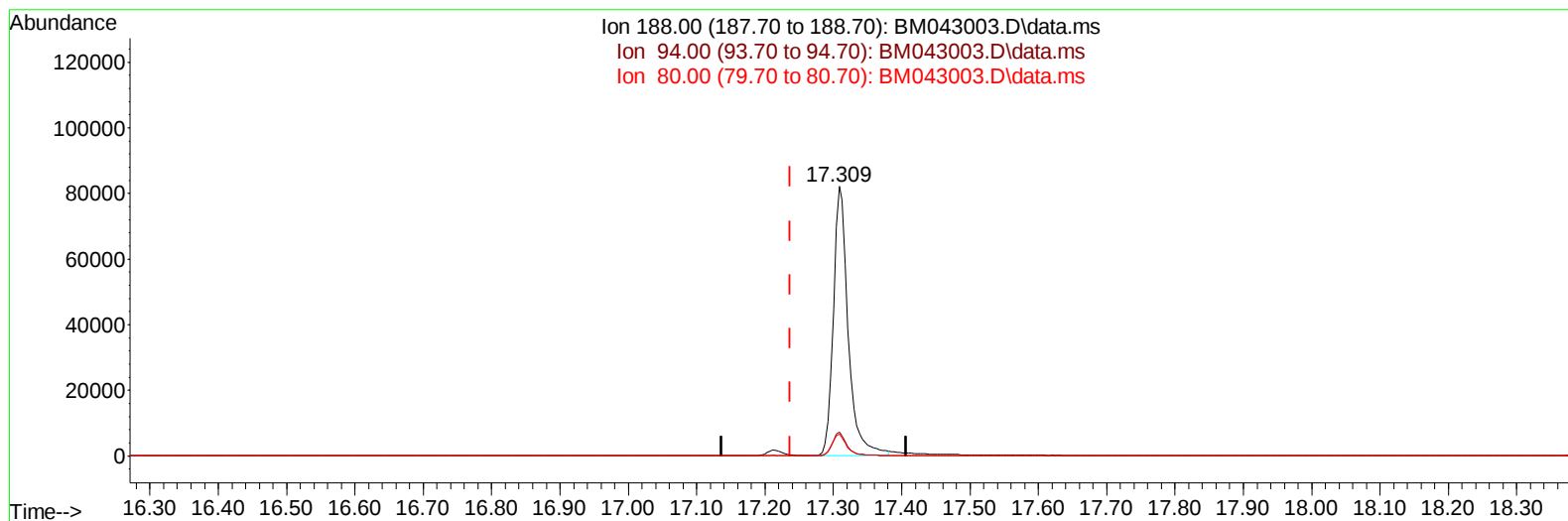
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TIC: BM043003.D\data.ms

(13) Phenanthrene-d10 (I)

17.309min (+ 0.072) 0.40 ng/u1

response 124017

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.78#
80.00	12.70	8.24#
0.00	0.00	0.00

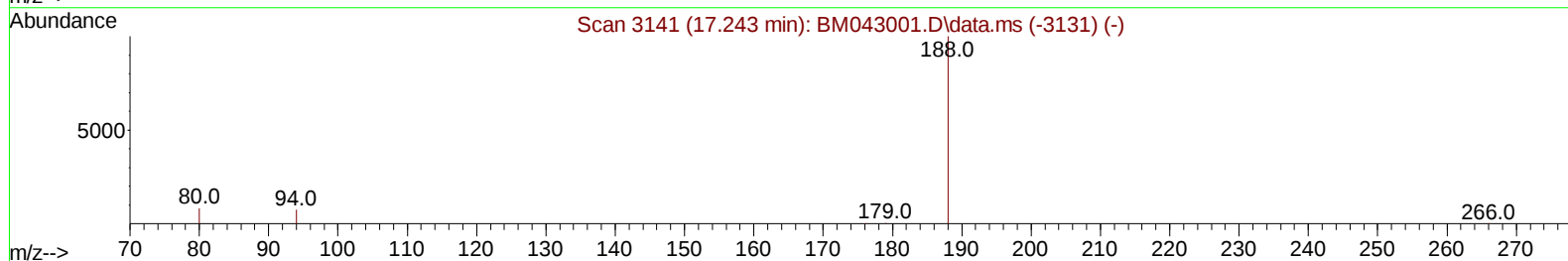
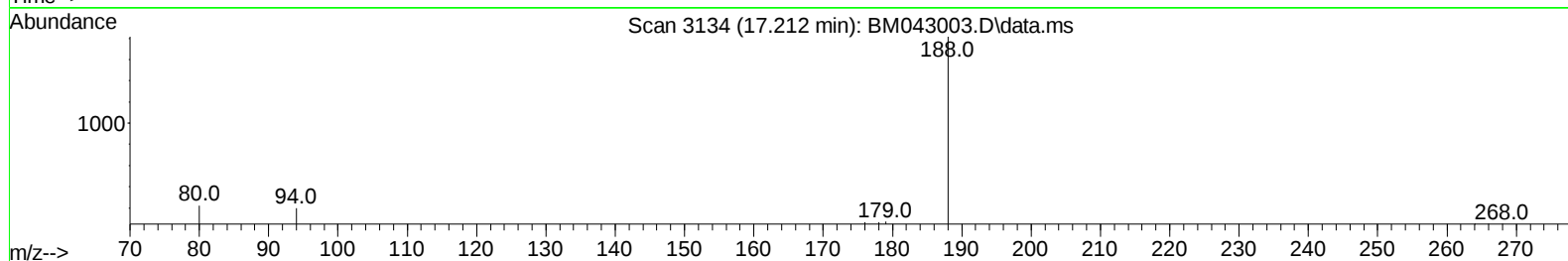
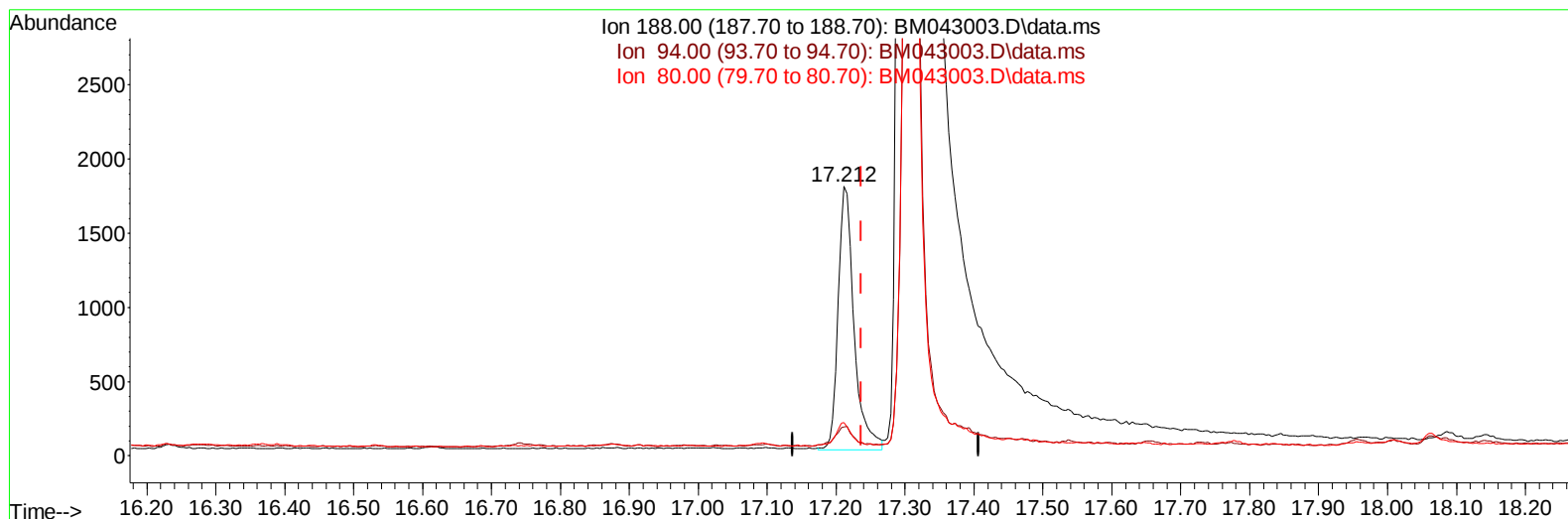
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043003.D\data.ms

(13) Phenanthrene-d10 (I)

17.212min (-0.025) 0.40 ng/ul m

response 2848

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	10.74
80.00	12.70	12.29
0.00	0.00	0.00

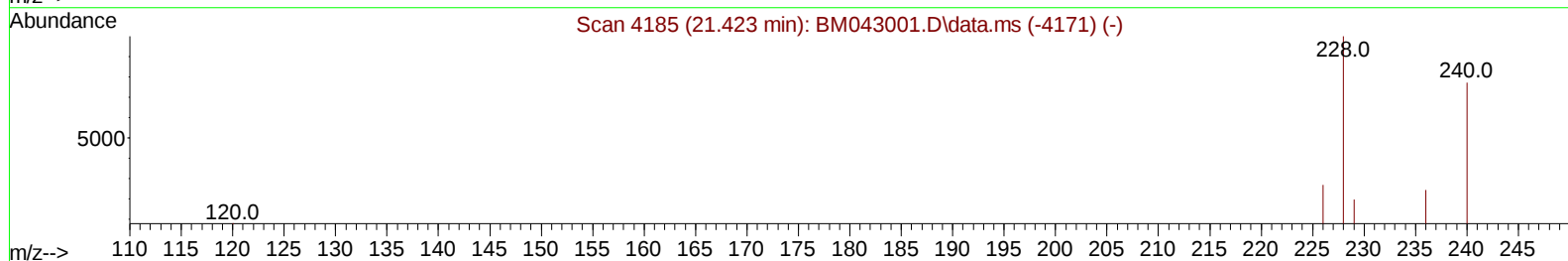
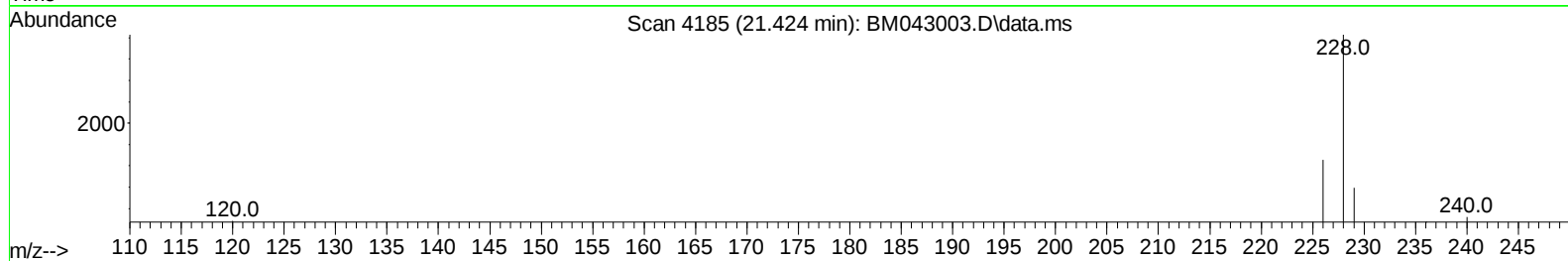
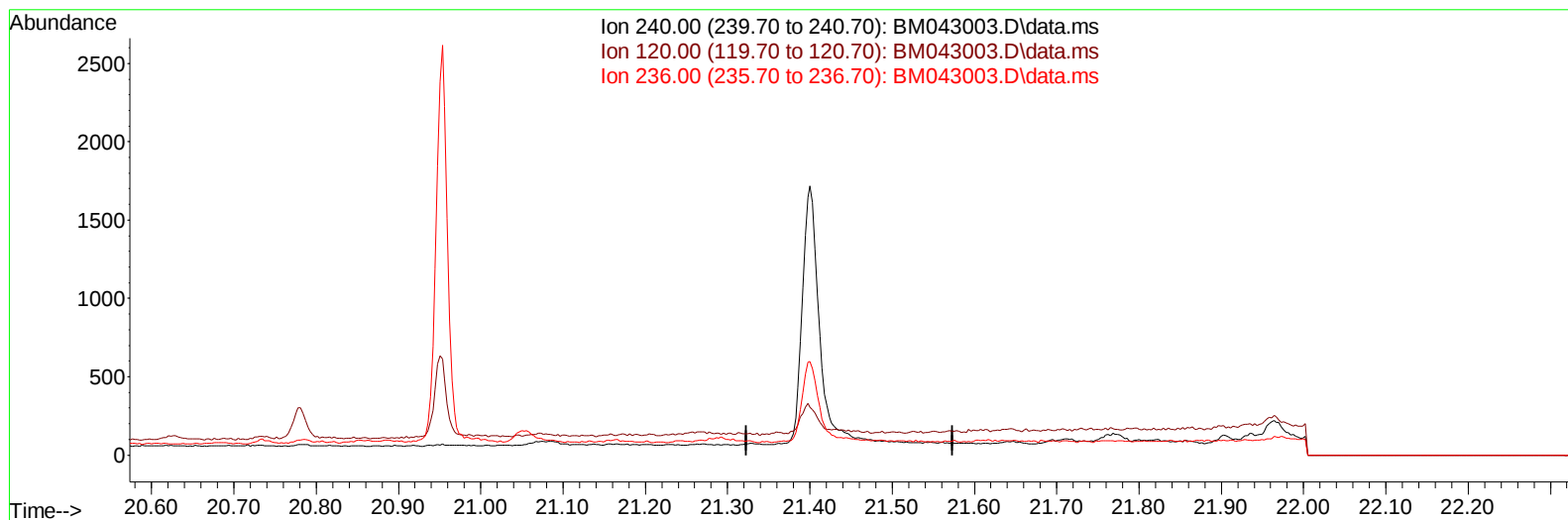
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043003.D\data.ms

(17) Chrysene-d12

21.424min (-21.424) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

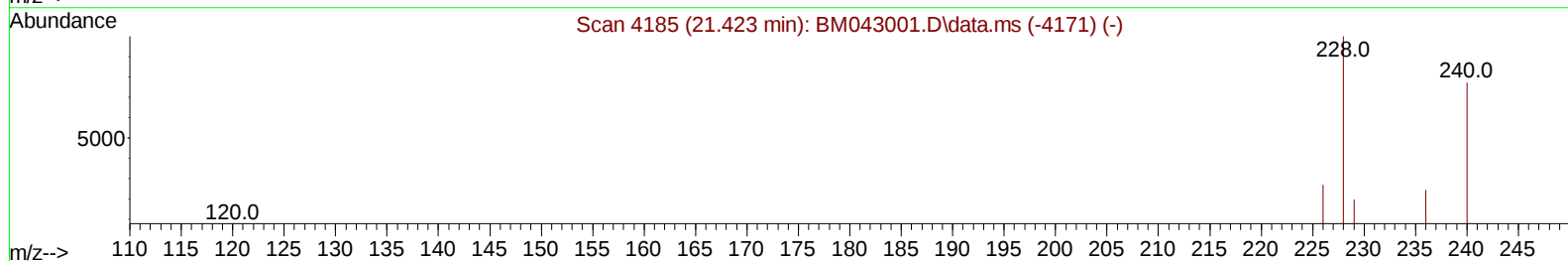
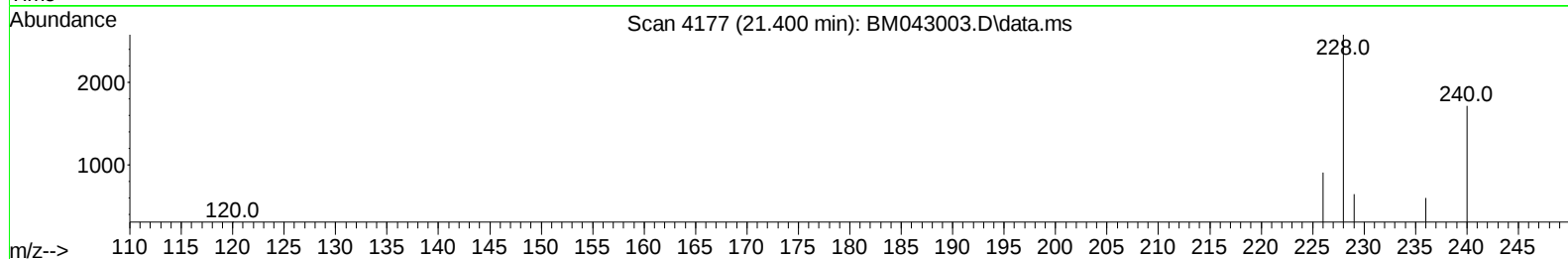
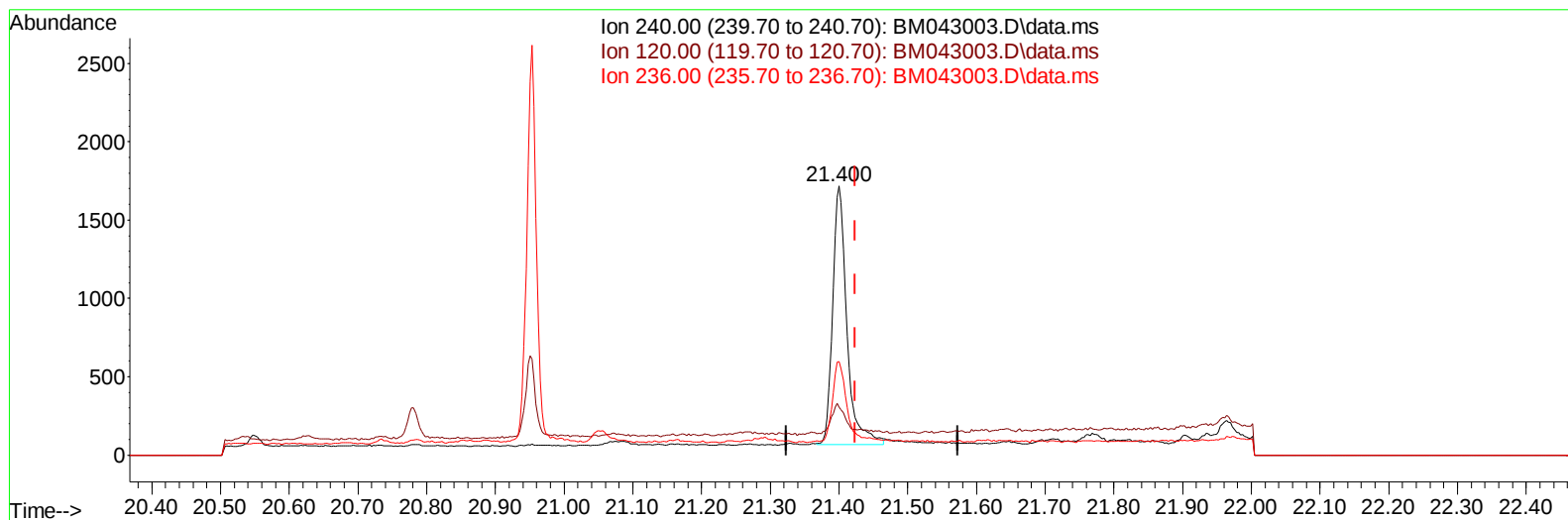
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043003.D\data.ms

(17) Chrysene-d12

21.400min (-0.023) 0.40 ng/ul m

response 2386

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	17.71#
236.00	38.50	34.89
0.00	0.00	0.00

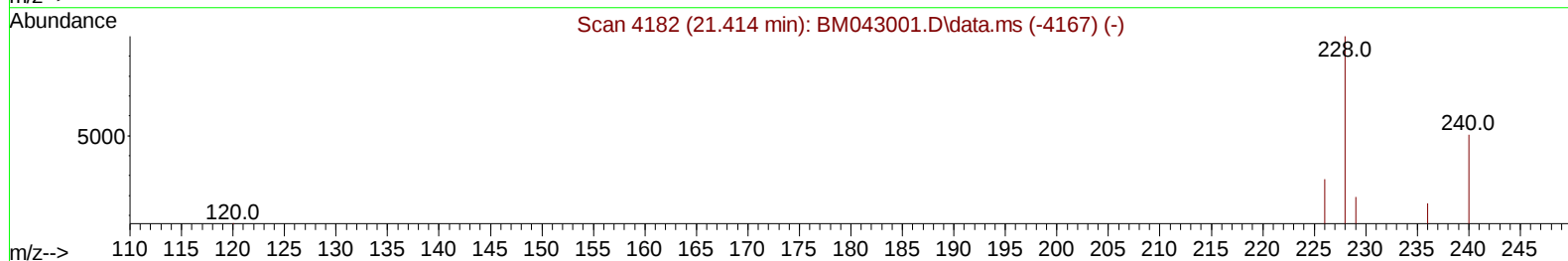
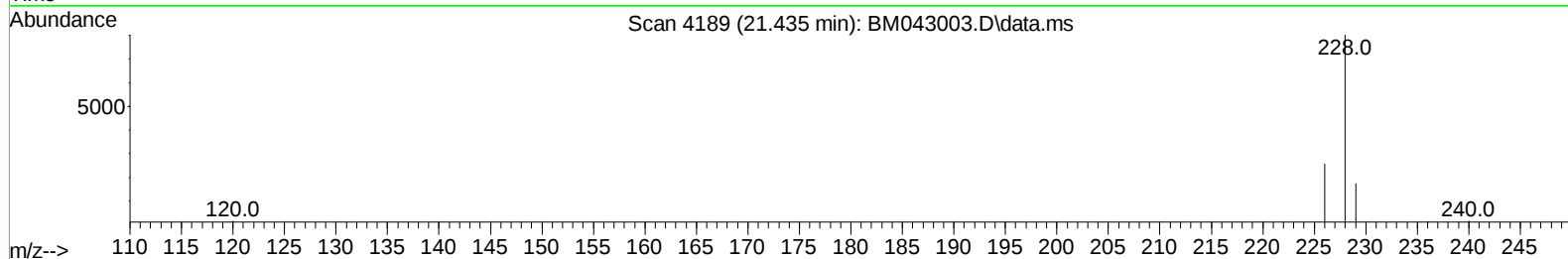
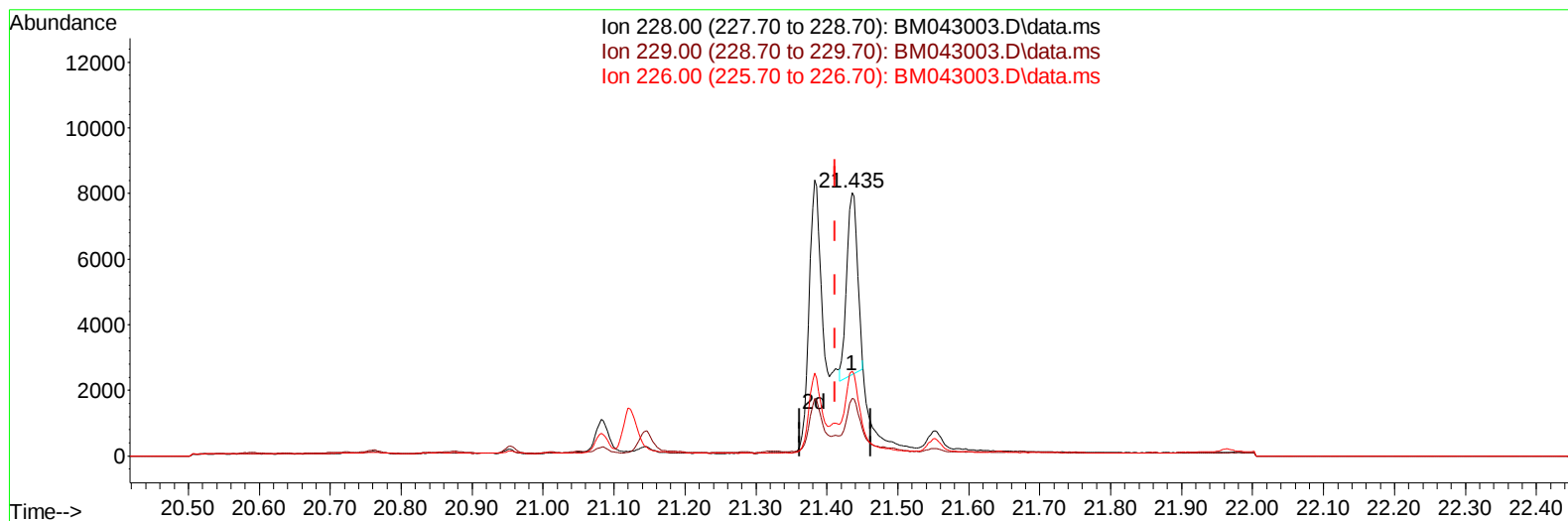
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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TIC: BM043003.D\data.ms

(21) Benzo(a)anthracene

21.435min (+ 0.023) 0.76 ng/u1

response 5854

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	21.74
226.00	31.10	32.27
0.00	0.00	0.00

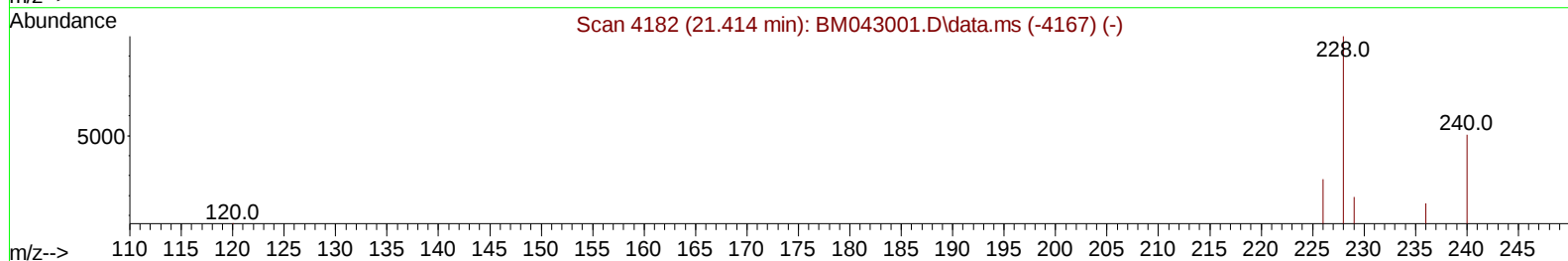
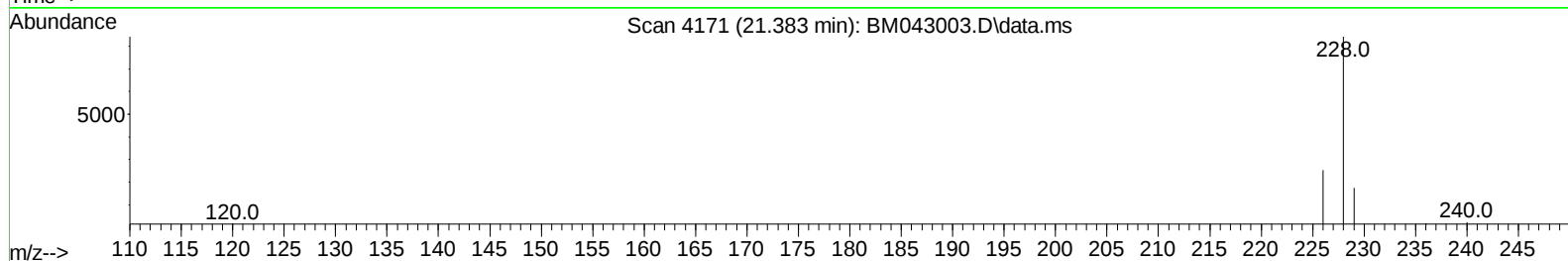
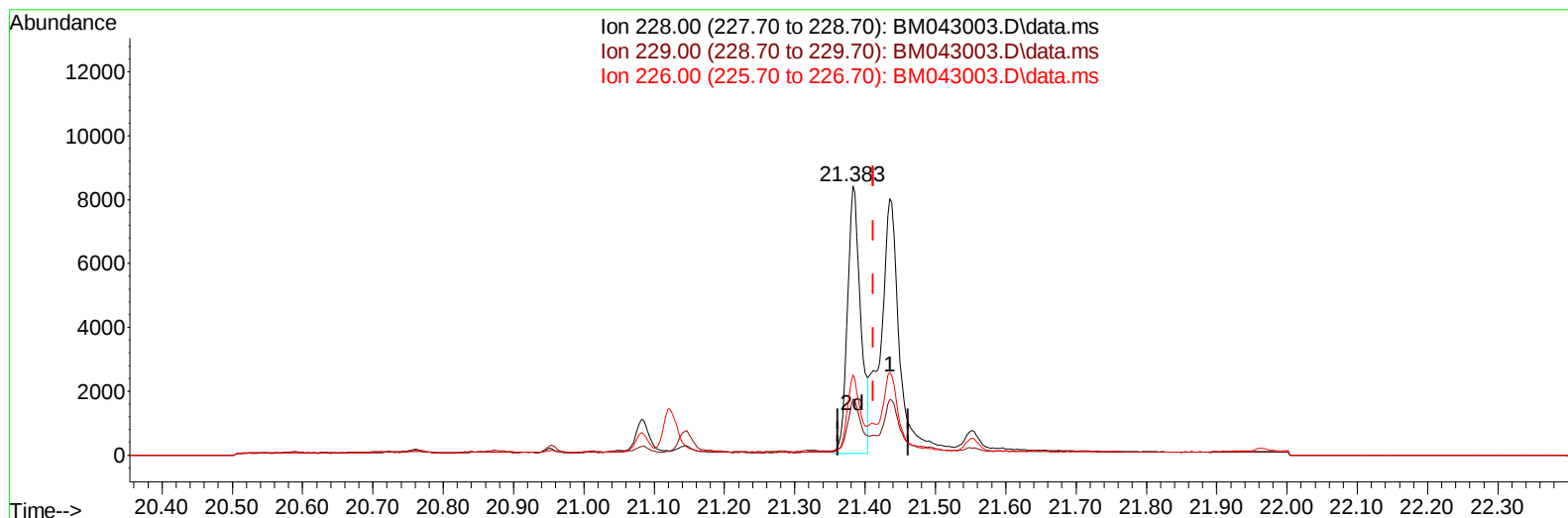
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Instrument :
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TIC: BM043003.D\data.ms

(21) Benzo(a)anthracene

21.383min (-0.029) 1.41 ng/ul m

response 10932

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	20.78
226.00	31.10	29.91
0.00	0.00	0.00

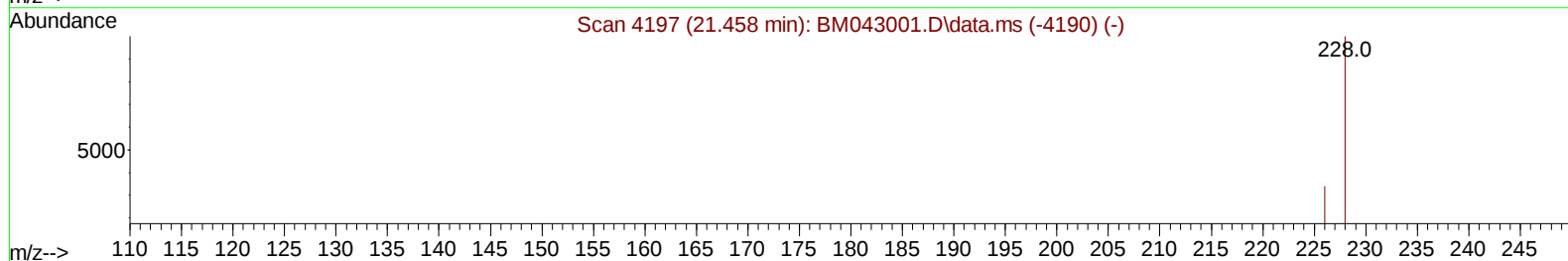
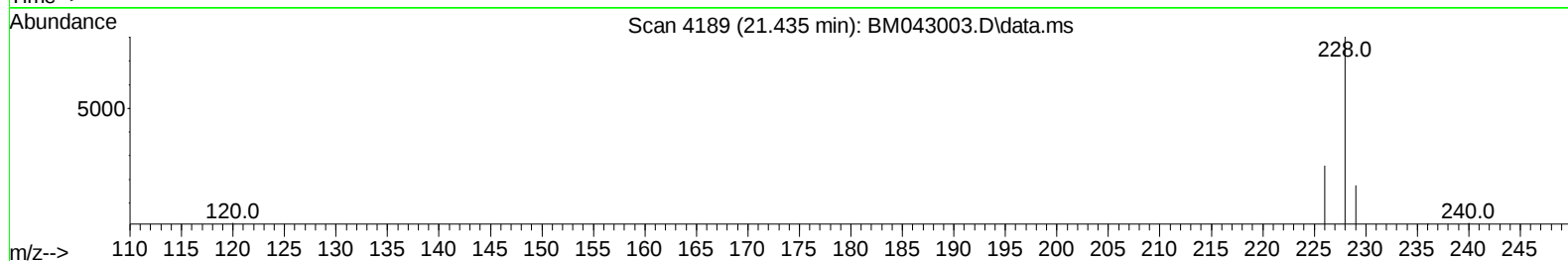
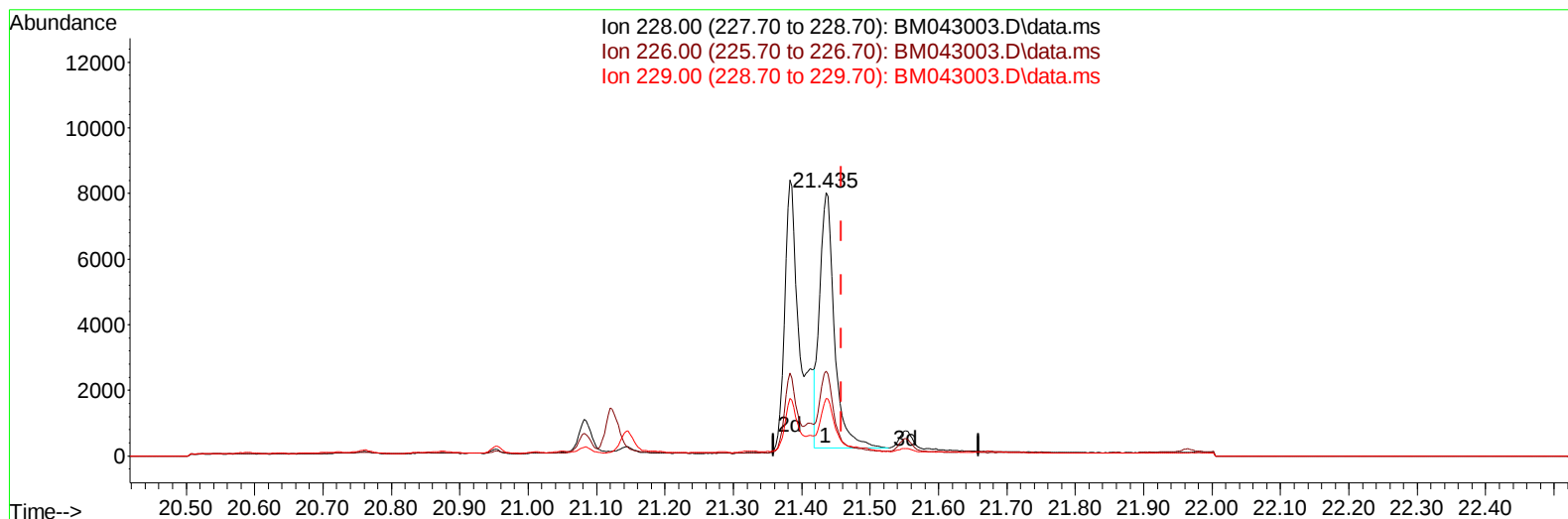
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TIC: BM043003.D\data.ms

(22) Chrysene

21.435min (-0.023) 0.81 ng/u1

response 11708

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	32.27
229.00	22.50	21.74
0.00	0.00	0.00

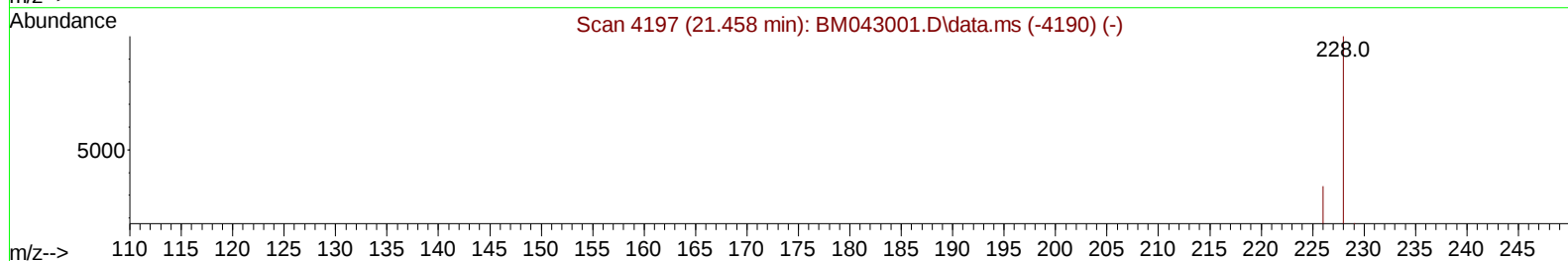
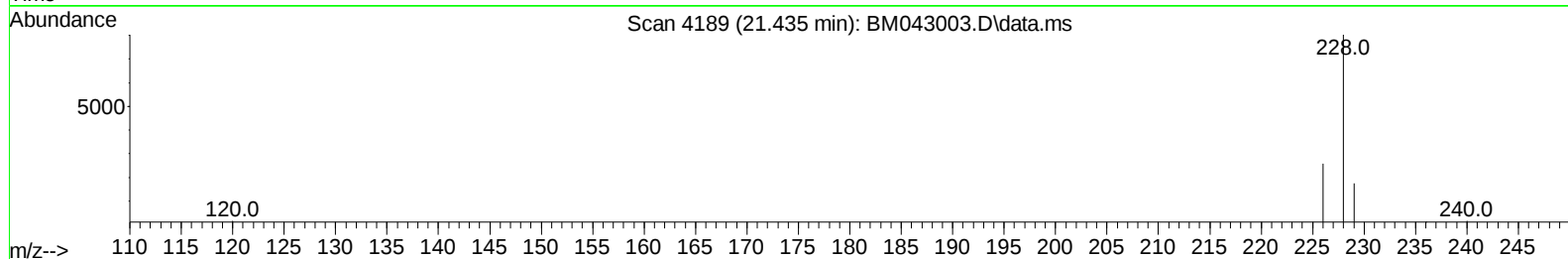
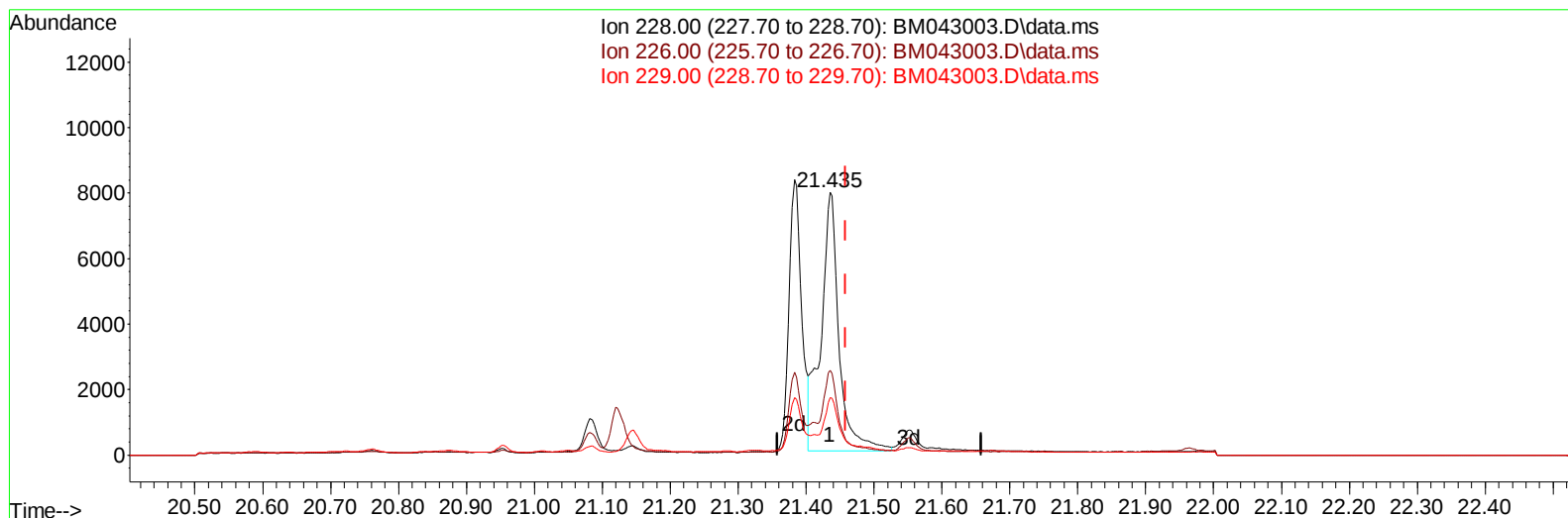
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TIC: BM043003.D\data.ms

(22) Chrysene

21.435min (-0.023) 1.02 ng/ul m

response 14709

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	32.27
229.00	22.50	21.74
0.00	0.00	0.00

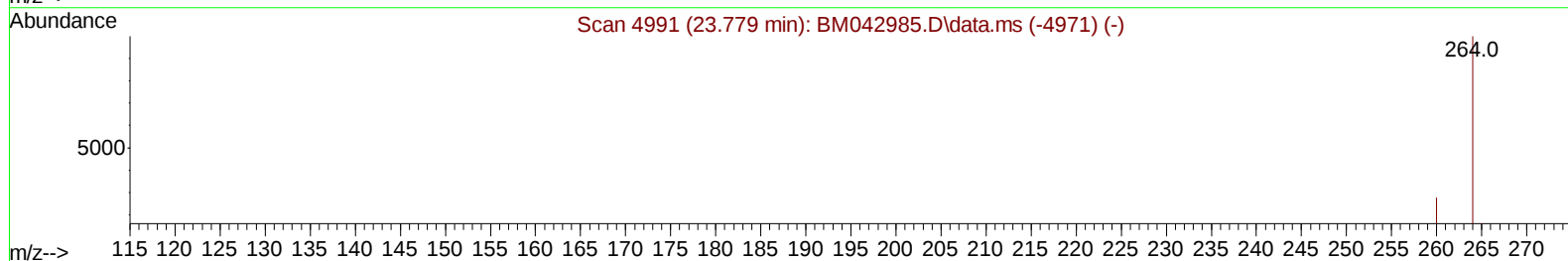
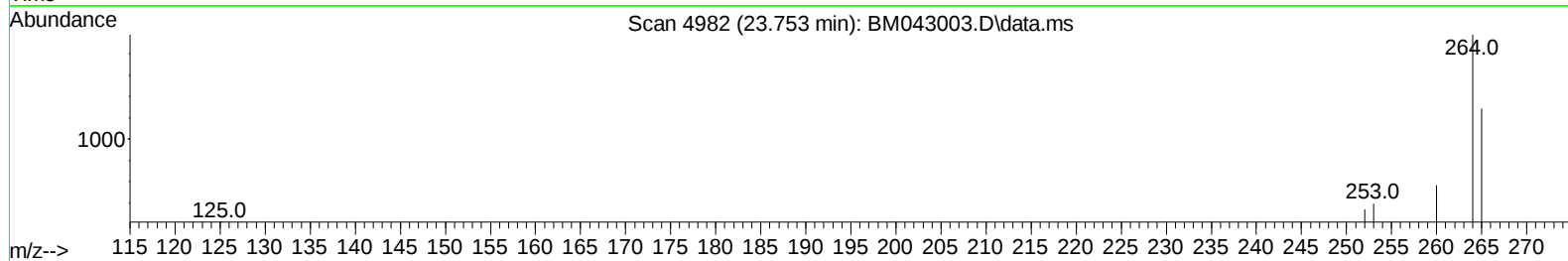
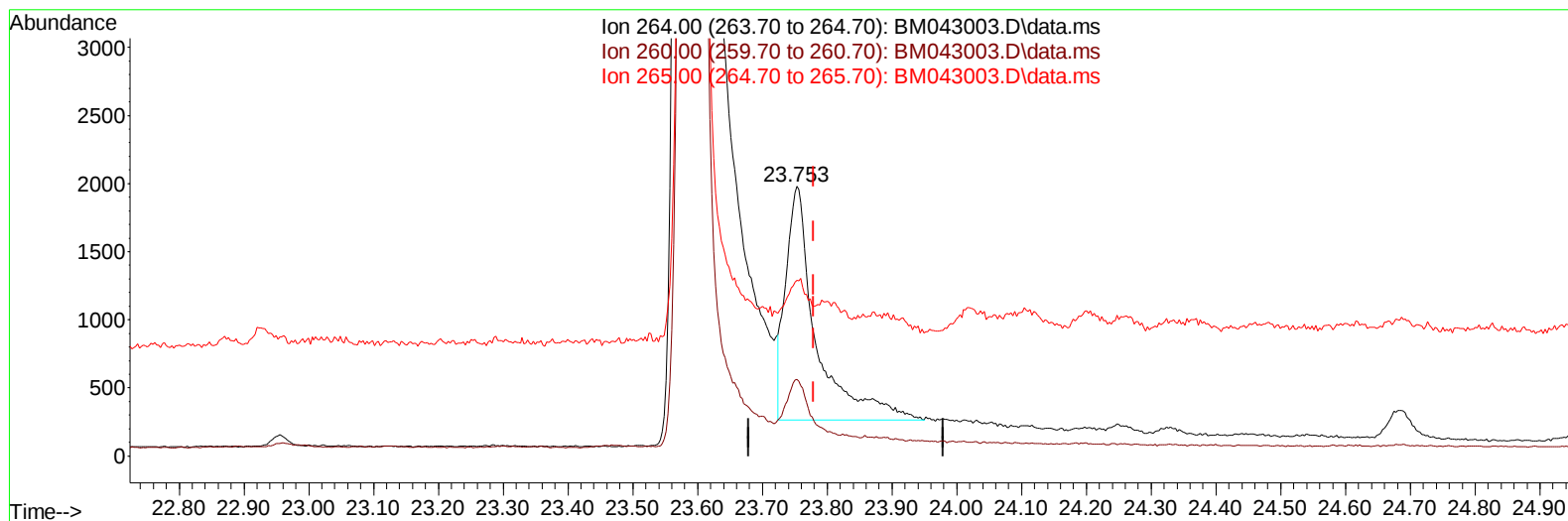
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCKQ6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 22:59:11 2023
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Supervised By :mohammad ahmed 11/28/2023



TIC: BM043003.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.026) 0.40 ng/u1

response 5561

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.45
265.00	120.30	65.13#
0.00	0.00	0.00

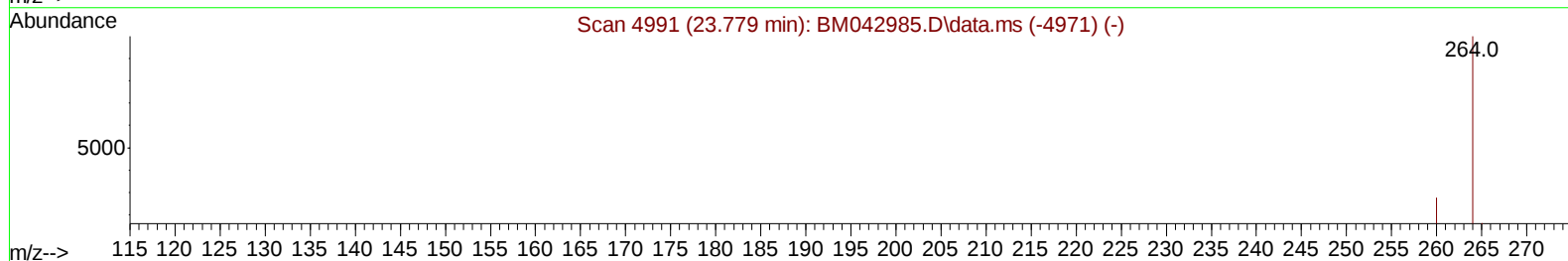
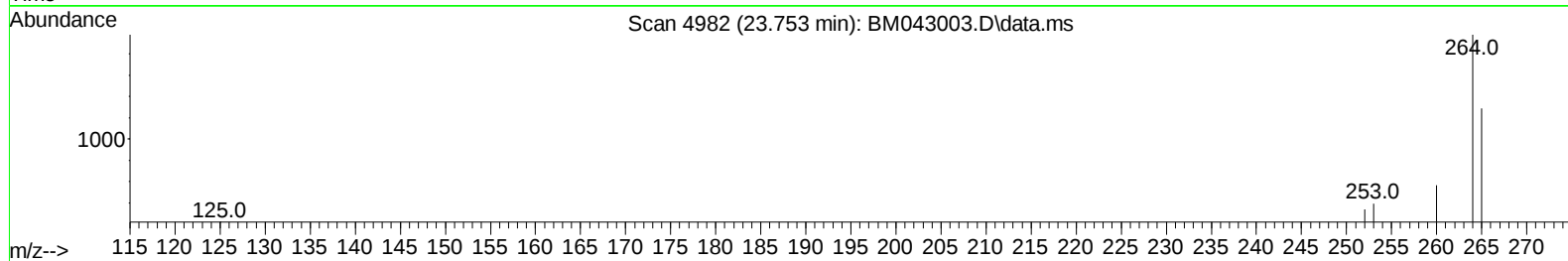
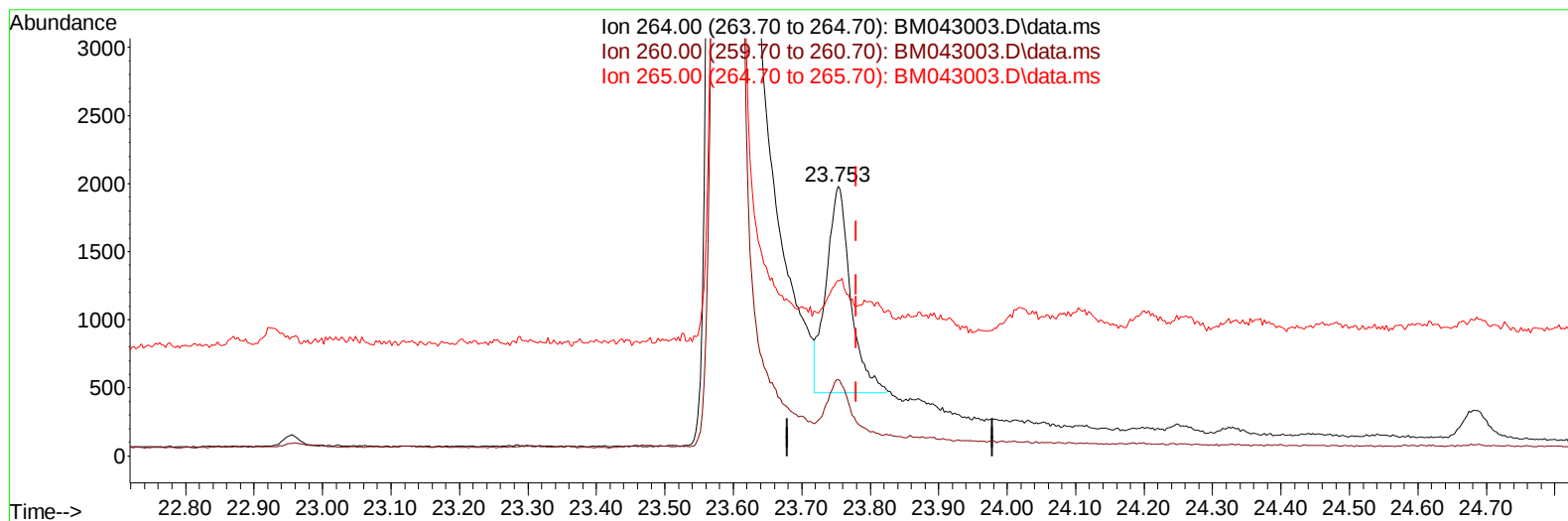
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043003.D
Acq On : 25 Nov 2023 06:38
Operator : MA/JU
Sample : 05261-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKQ6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:42:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043003.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.026) 0.40 ng/ul m

response 3751

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.45
265.00	120.30	65.13#
0.00	0.00	0.00

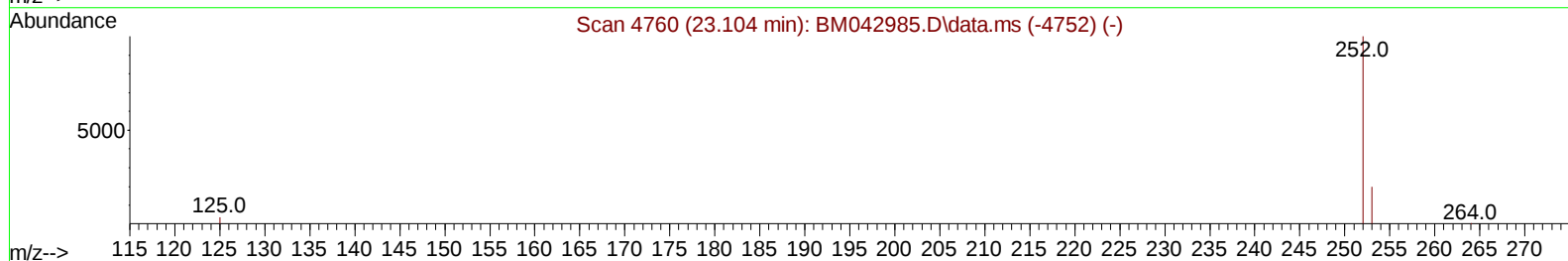
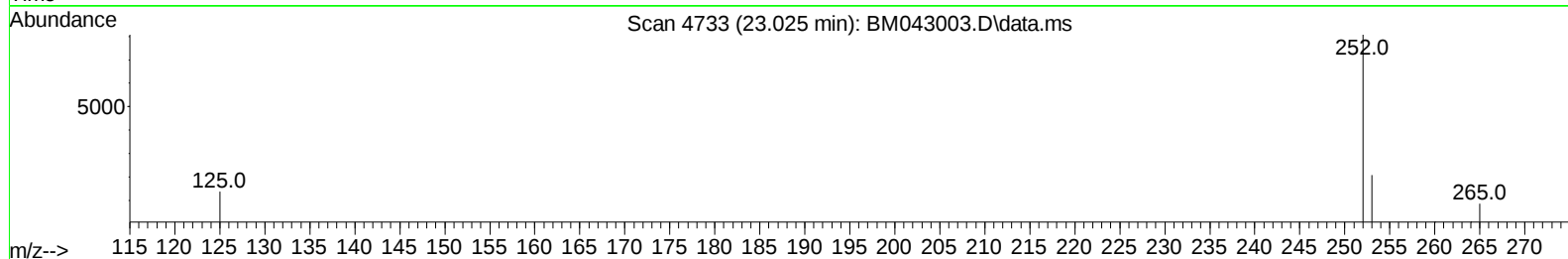
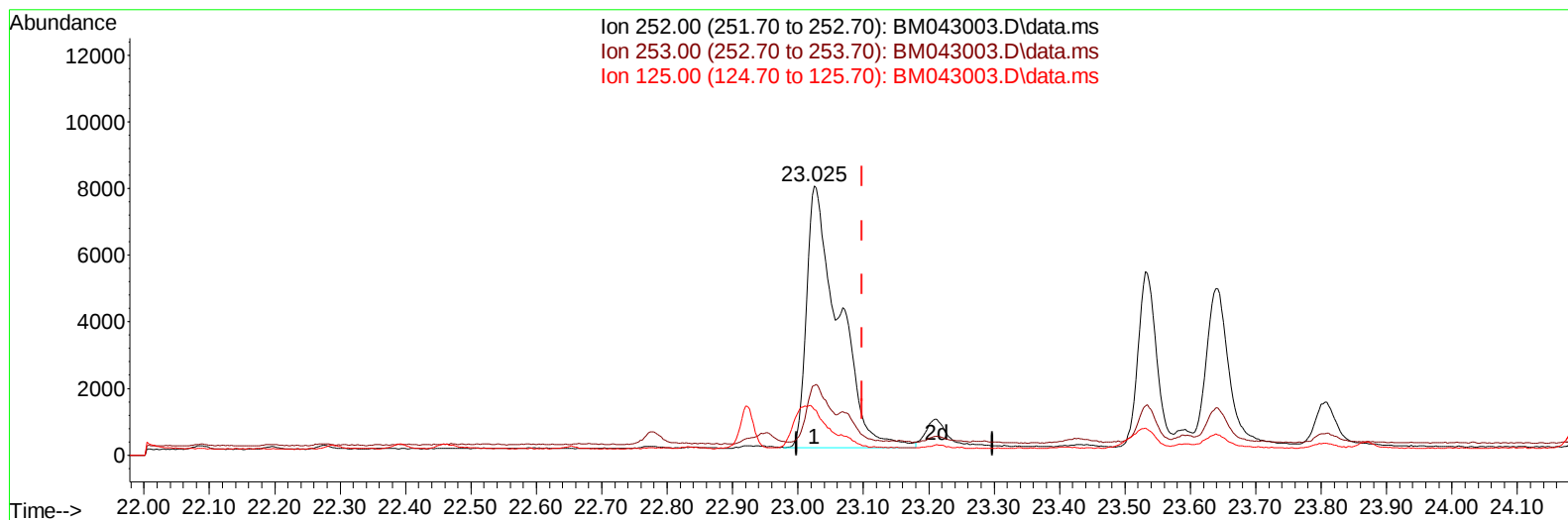
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043003.D
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 Operator : MA/JU
 Sample : 05261-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DCKQ6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 22:59:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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TIC: BM043003.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.073) 1.04 ng/u1

response 26815

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	25.83#
125.00	13.80	16.82#
0.00	0.00	0.00

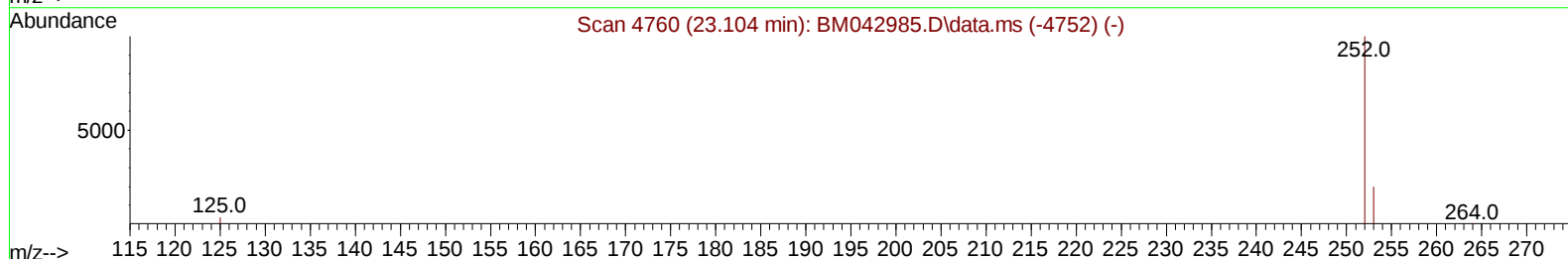
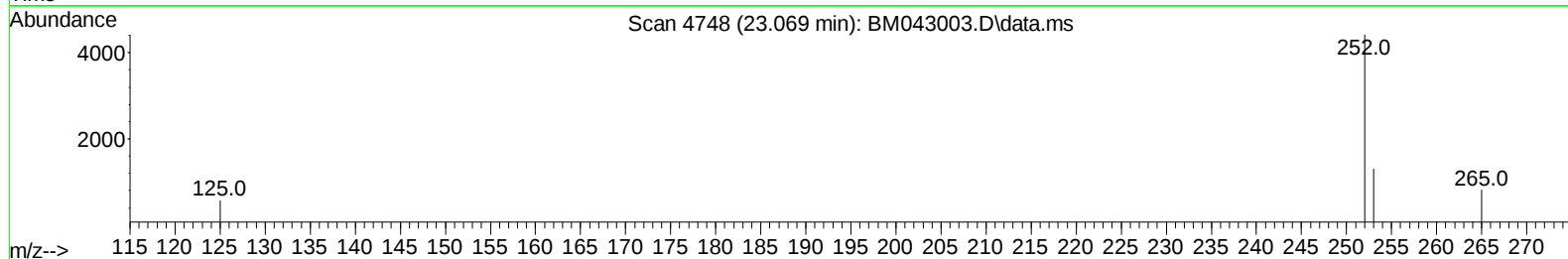
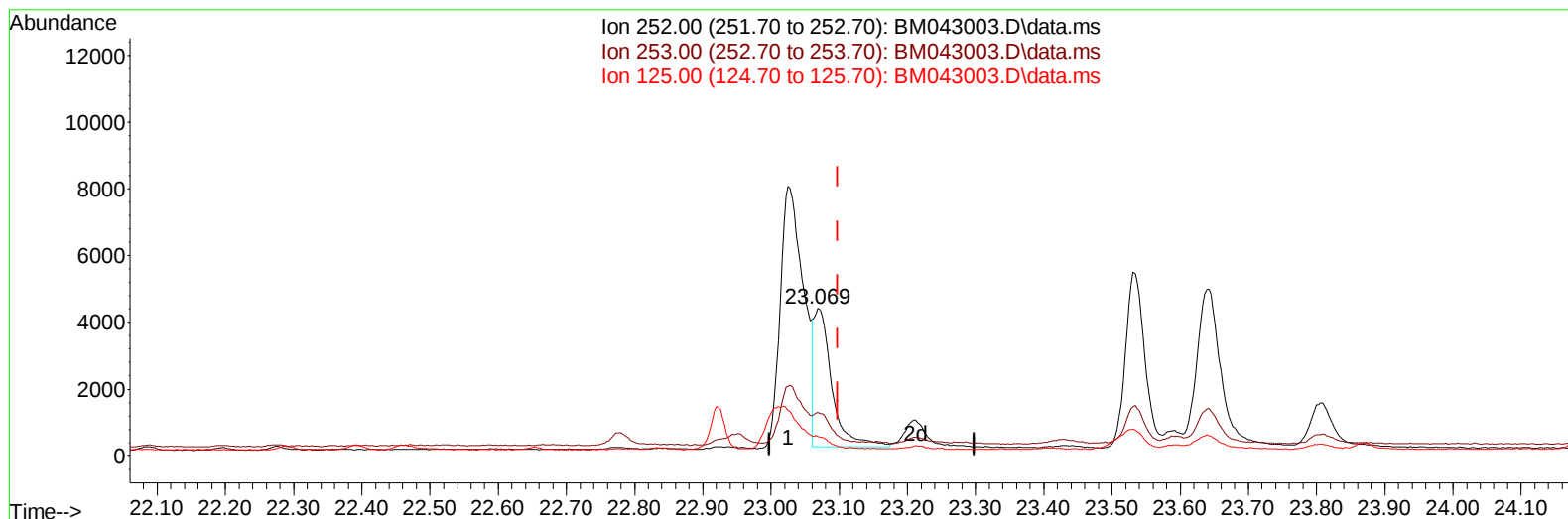
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043003.D
 Acq On : 25 Nov 2023 06:38
 Operator : MA/JU
 Sample : 05261-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ6

Manual IntegrationsAPPROVED

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TIC: BM043003.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.029) 0.43 ng/u1 m

response 7568

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	29.54
125.00	13.80	13.04
0.00	0.00	0.00

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 ALS Vial : 25 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	901m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2357	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.459	164	1357m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	2848m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2386m	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	3751m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3240	2.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	729	0.231	ng/ul	-0.03
18) Fluoranthene-d10	19.242	212	1771	0.204	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.666	128	375	0.059	ng/ul#	69
7) 2-Methylnaphthalene	12.299	142	202	0.053	ng/ul	89
8) 1-Methylnaphthalene	12.513	142	182	0.043	ng/ul	96
10) Acenaphthylene	14.186	152	526	0.076	ng/ul#	81
11) Acenaphthene	14.519	153	576	0.110	ng/ul	98
12) Fluorene	15.514	166	524	0.097	ng/ul#	95
15) Phenanthrene	17.254	178	15365	1.891	ng/ul	93
16) Anthracene	17.347	178	2250	0.292	ng/ul	94
19) Fluoranthene	19.270	202	30633	2.265	ng/ul#	92
20) Pyrene	19.633	202	29302	2.037	ng/ul	95
21) Benzo(a)anthracene	21.383	228	10932m	1.412	ng/ul	
22) Chrysene	21.435	228	14709m	1.020	ng/ul	
24) Benzo(b)fluoranthene	23.025	252	18795	1.485	ng/ul	86
25) Benzo(k)fluoranthene	23.069	252	7568m	0.434	ng/ul	
26) Benzo(a)pyrene	23.642	252	11136	0.806	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.198	276	10870	0.581	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	2435	0.168	ng/ul#	90
29) Benzo(g,h,i)perylene	26.960	276	11655	0.641	ng/ul	95

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

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