

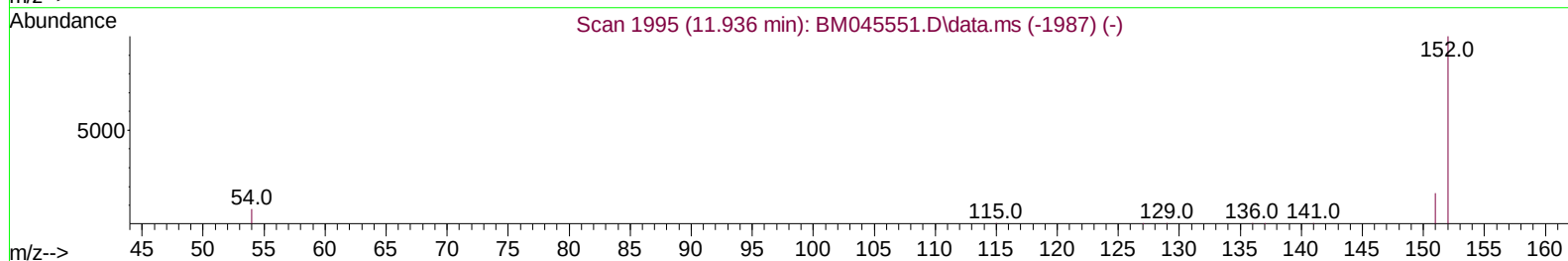
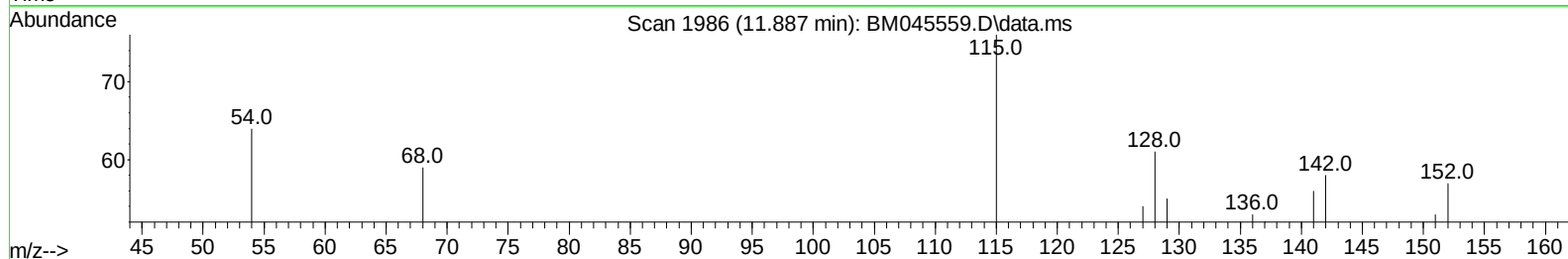
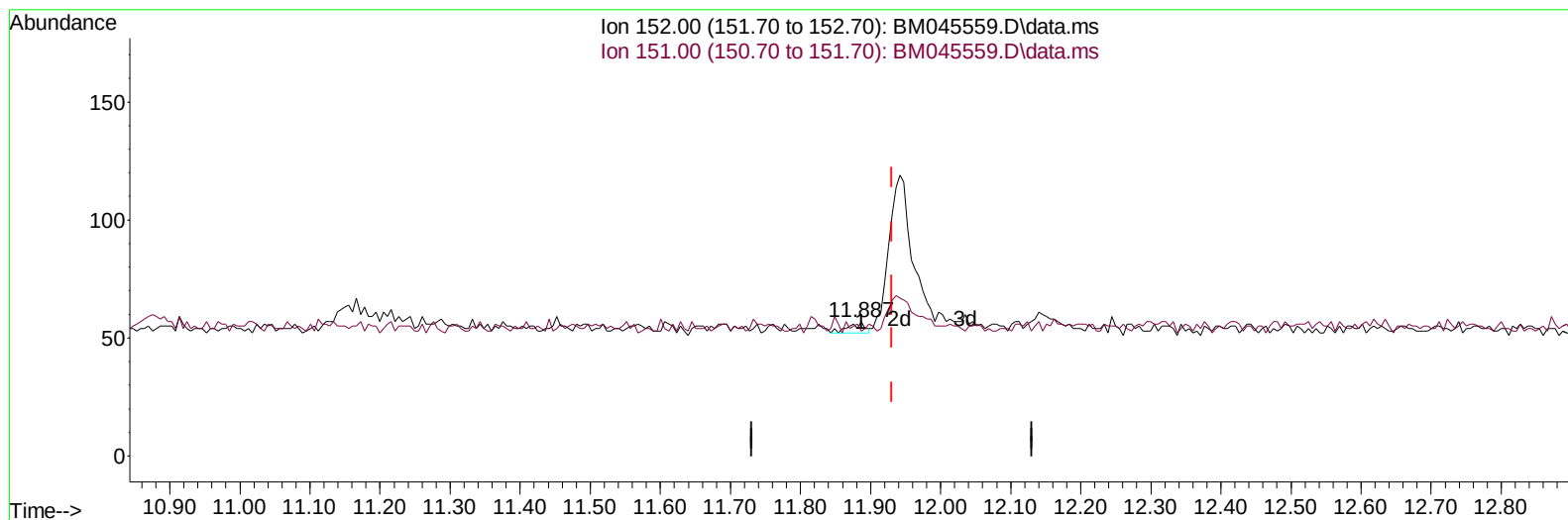
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045559.D
Acq On : 25 Apr 2024 11:23
Operator : MA/JU
Sample : P2104-09DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA9DL

Manual IntegrationsAPPROVED

Quant Time: Apr 25 12:41:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045559.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.887min (-0.044) 0.00 ng/u1

response 8

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.00	25.00
0.00	0.00	0.00
0.00	0.00	0.00

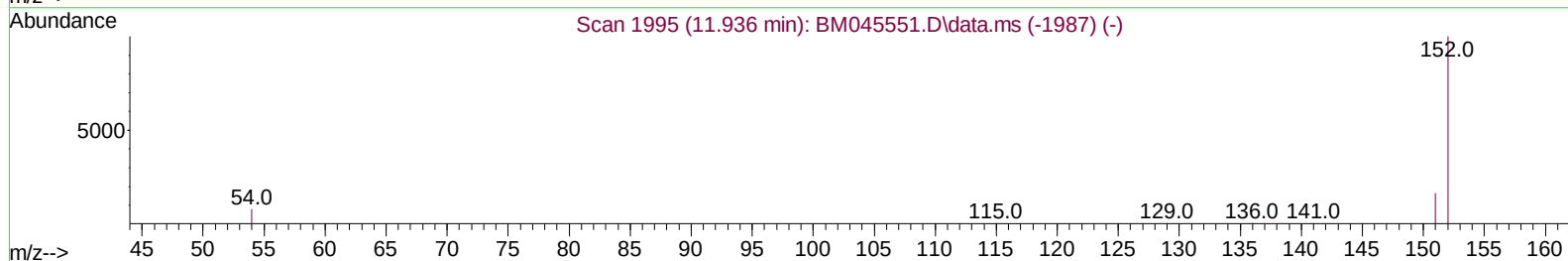
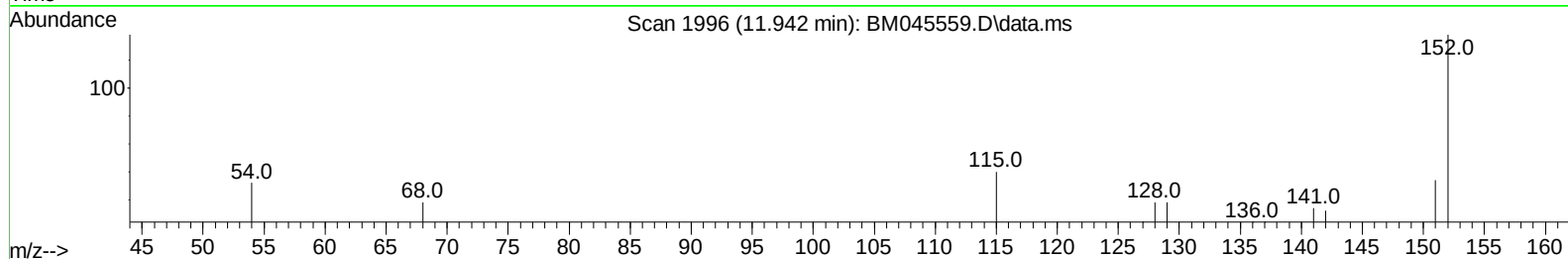
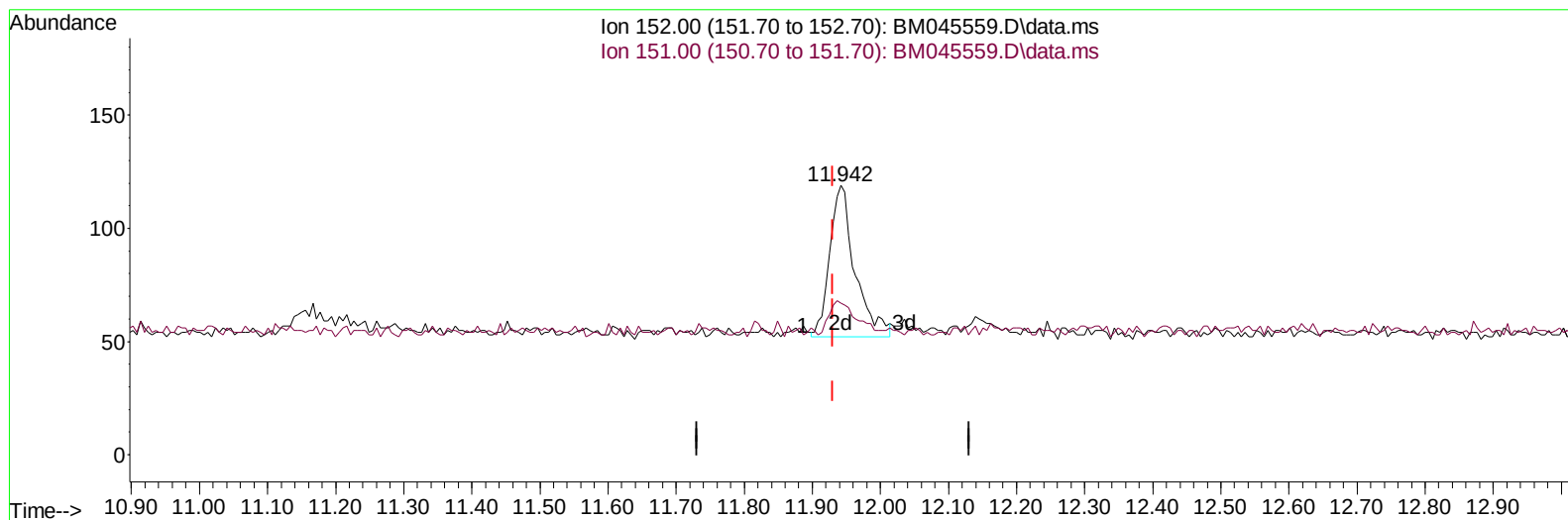
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(6) 2-Methylnaphthalene-d10 (SURR)

11.942min (+ 0.011) 0.05 ng/ul m

response 172

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.00	1.16#
0.00	0.00	0.00
0.00	0.00	0.00

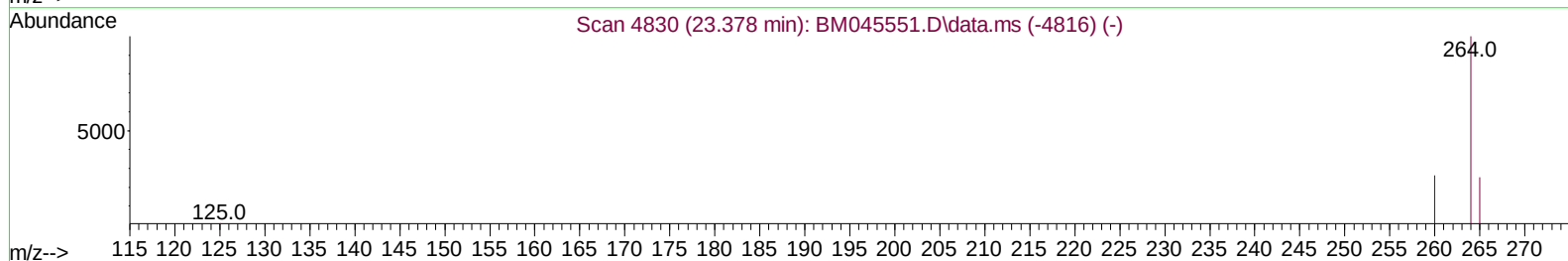
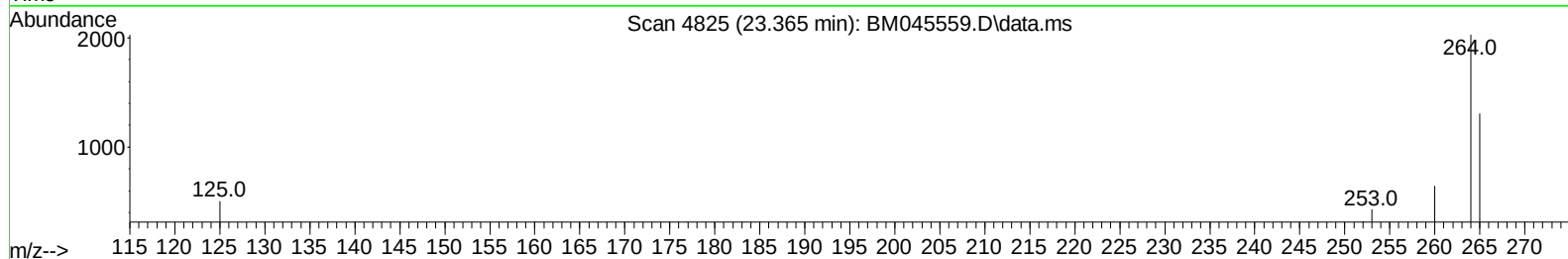
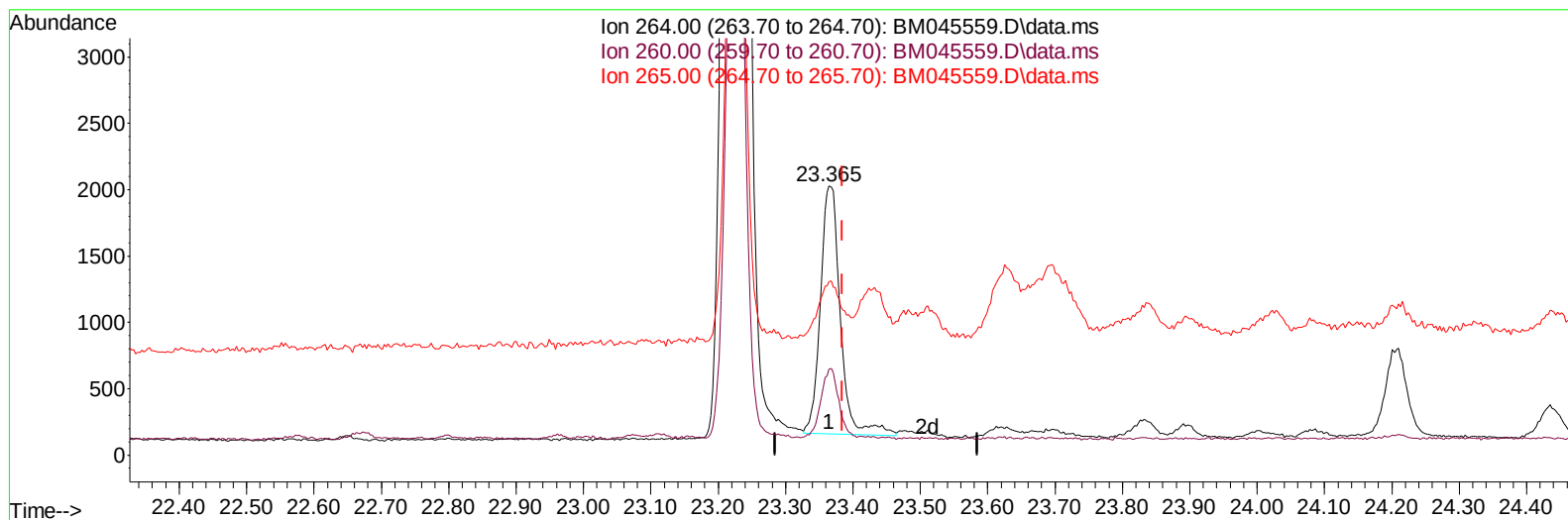
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(23) Perylene-d12 (I)

23.365min (-0.020) 0.40 ng/u1

response 3833

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	31.92
265.00	86.70	64.48#
0.00	0.00	0.00

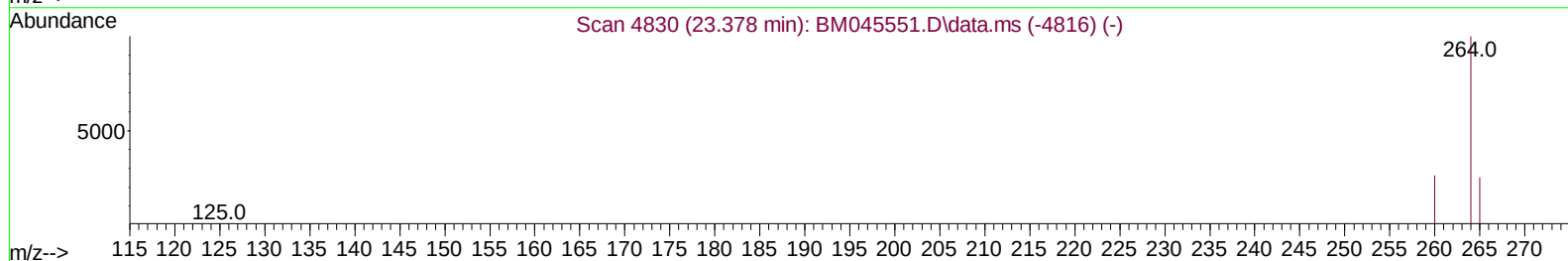
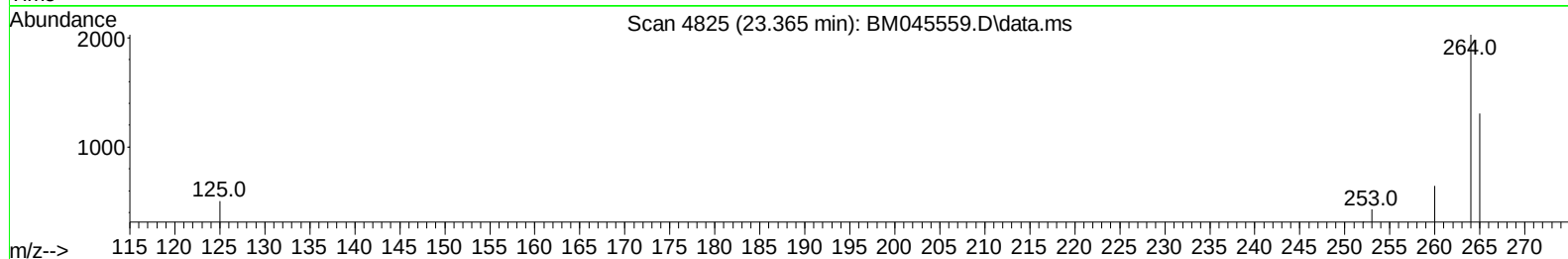
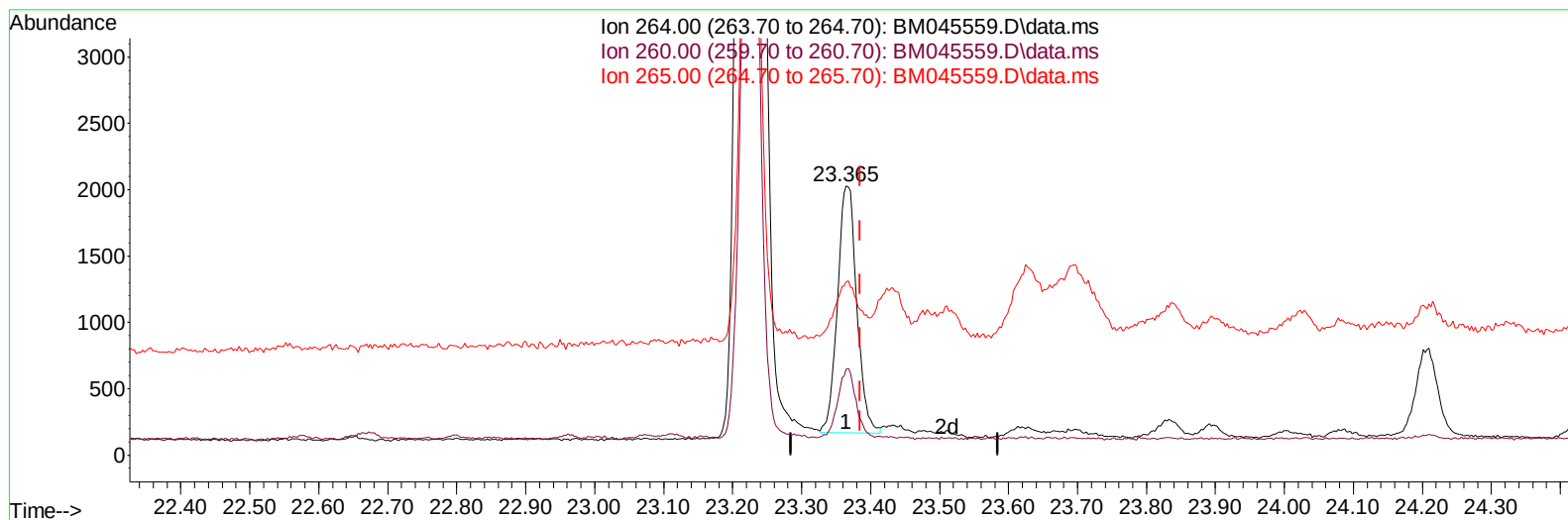
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TIC: BM045559.D\data.ms

(23) Perylene-d12 (I)

23.365min (-0.020) 0.40 ng/ul m

response 3621

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	31.92
265.00	86.70	64.48#
0.00	0.00	0.00

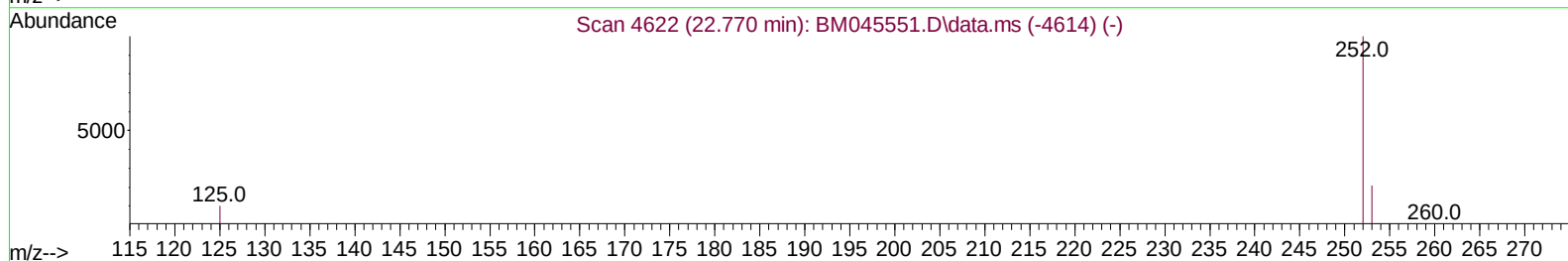
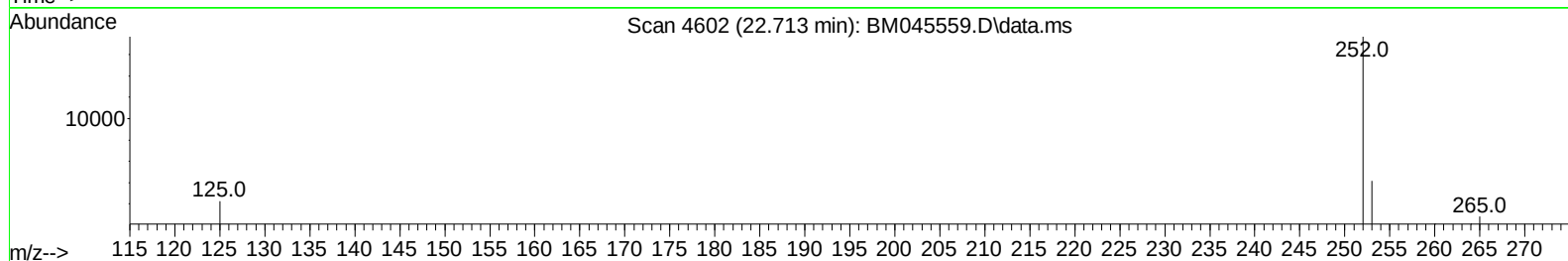
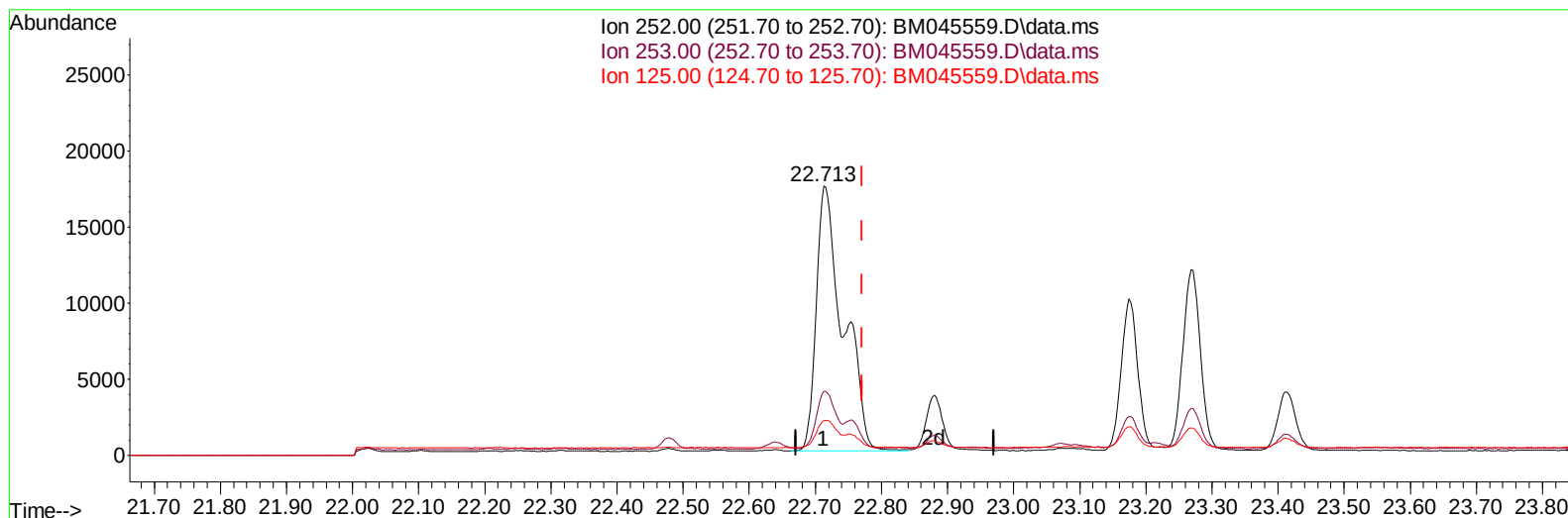
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TIC: BM045559.D\data.ms

(25) Benzo(k)fluoranthene

22.713min (-0.058) 3.21 ng/u1

response 49441

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.64#
125.00	18.50	12.81#
0.00	0.00	0.00

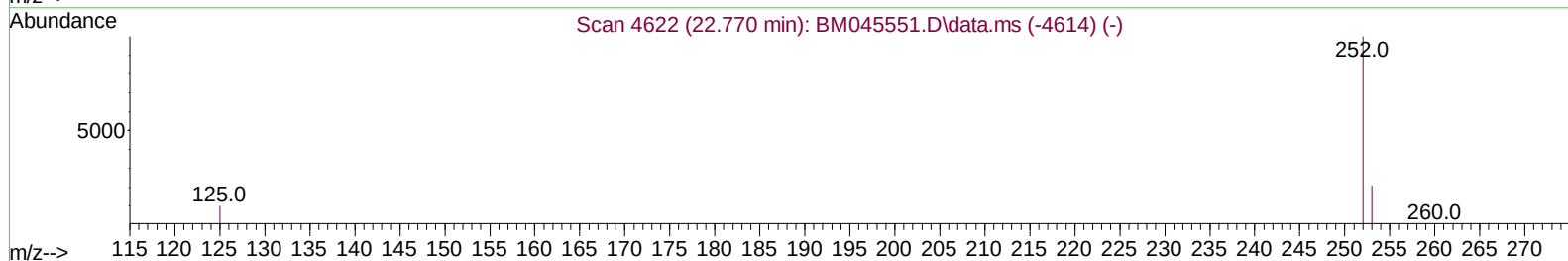
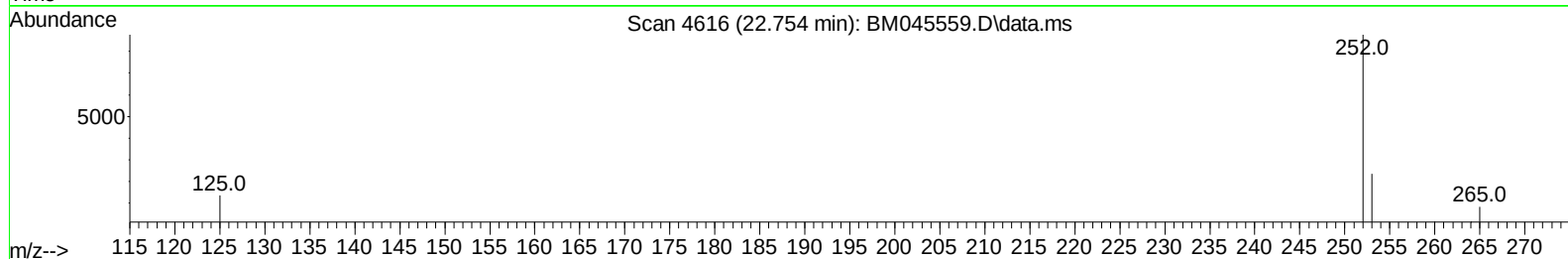
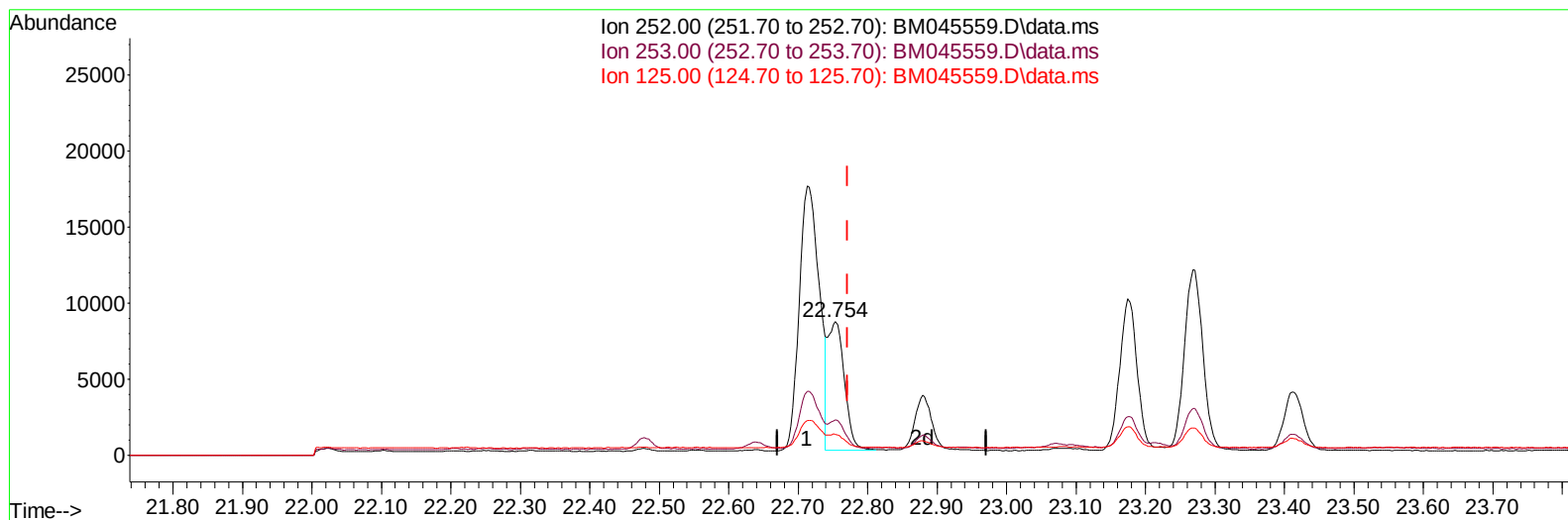
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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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TIC: BM045559.D\data.ms

(25) Benzo(k)fluoranthene

22.754min (-0.017) 0.91 ng/ul m

response 14009

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	26.60
125.00	18.50	15.51
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1052	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	2753	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.200	164	1337	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2662	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.179	240	2495	0.400	ng/ul	-0.01
23) Perylene-d12	23.365	264	3621m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	1160	0.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	172m	0.047	ng/ul	0.01
18) Fluoranthene-d10	19.006	212	354	0.045	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	463	0.063	ng/ul#	79
7) 2-Methylnaphthalene	12.013	142	278	0.066	ng/ul	100
8) 1-Methylnaphthalene	12.222	142	207	0.044	ng/ul	97
10) Acenaphthylene	13.918	152	1861	0.282	ng/ul	99
11) Acenaphthene	14.265	153	298	0.061	ng/ul	96
12) Fluorene	15.264	166	333	0.064	ng/ul#	94
15) Phenanthrene	17.005	178	6053	0.781	ng/ul	93
16) Anthracene	17.098	178	2892	0.399	ng/ul	96
19) Fluoranthene	19.034	202	17292	1.502	ng/ul#	90
20) Pyrene	19.401	202	16477	1.392	ng/ul#	91
21) Benzo(a)anthracene	21.164	228	17075	2.141	ng/ul	96
22) Chrysene	21.214	228	17972	1.466	ng/ul	99
24) Benzo(b)fluoranthene	22.713	252	37823	3.105	ng/ul	86
25) Benzo(k)fluoranthene	22.754	252	14009m	0.910	ng/ul	
26) Benzo(a)pyrene	23.268	252	22290	1.764	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.545	276	17462	0.951	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.548	278	4815	0.331	ng/ul	97
29) Benzo(g,h,i)perylene	26.212	276	14478	0.878	ng/ul	96

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

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