

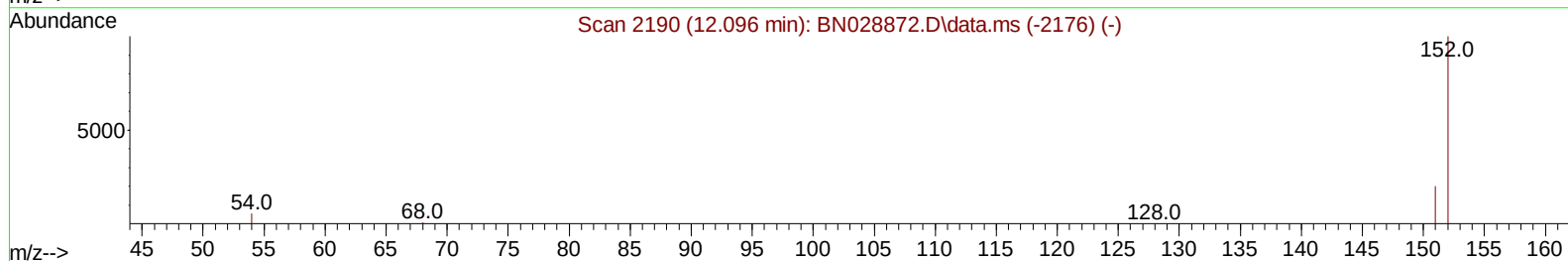
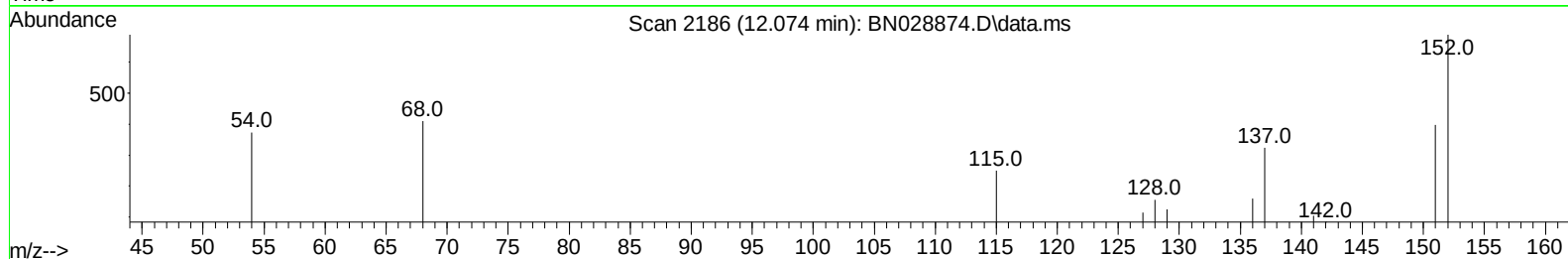
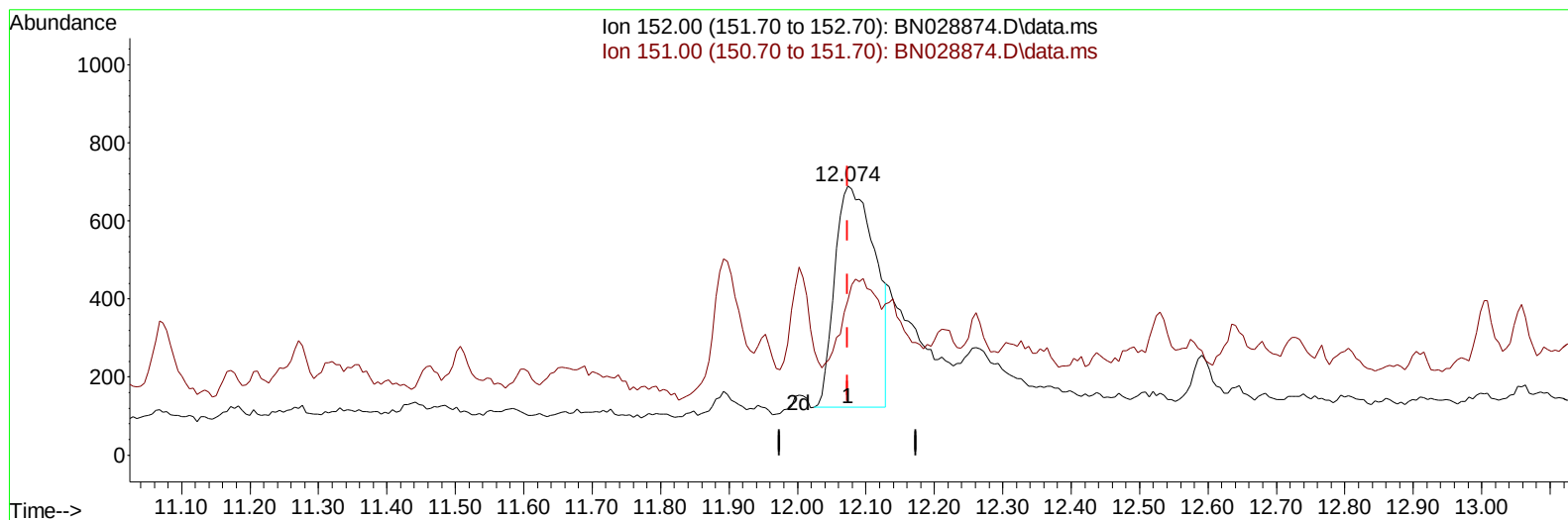
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028874.D
 Acq On : 27 Nov 2023 11:39
 Operator : MA/JU
 Sample : 05261-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKQ2

Manual IntegrationsAPPROVED

Quant Time: Nov 28 03:50:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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



TIC: BN028874.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.074min (+ 0.000) 0.07 ng/u1

response 2331

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

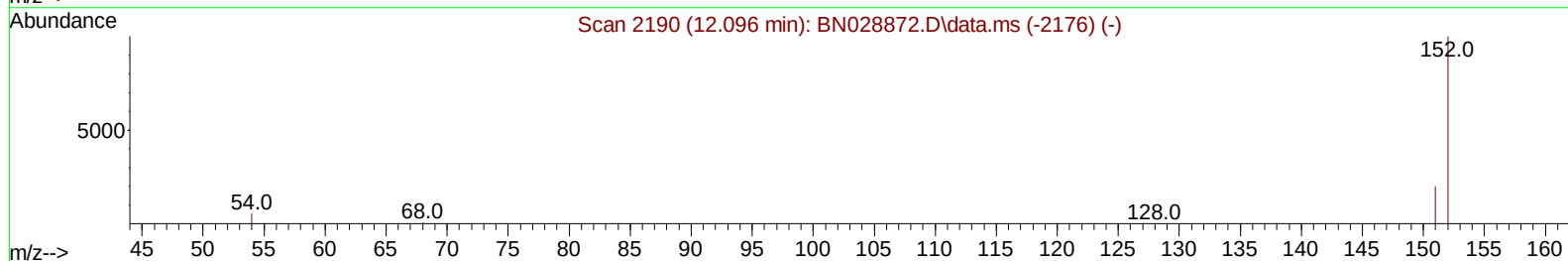
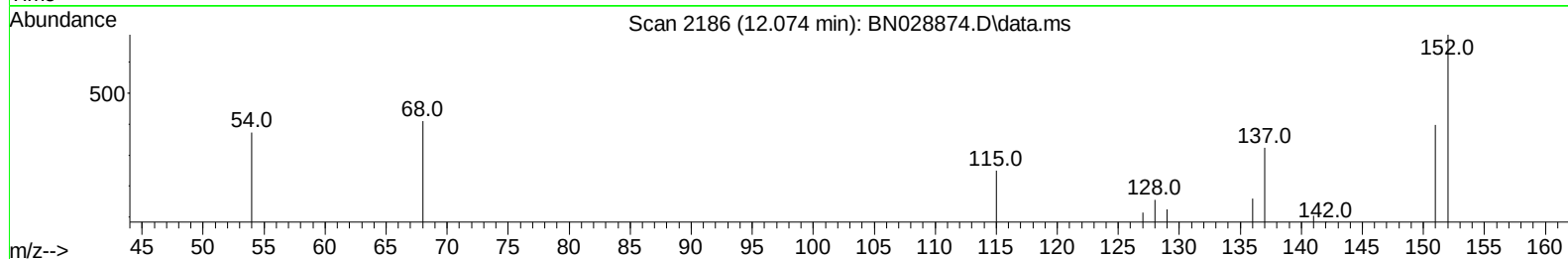
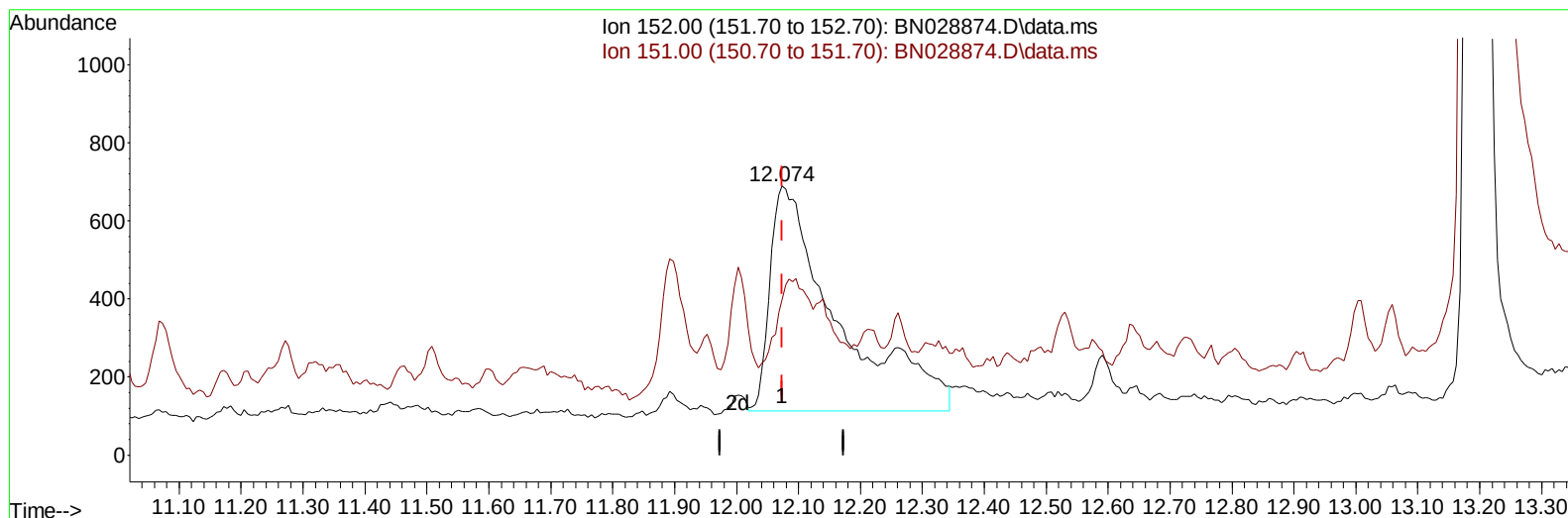
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(6) 2-Methylnaphthalene-d10 (SURR)

12.074min (+ 0.000) 0.12 ng/ul m

response 4325

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

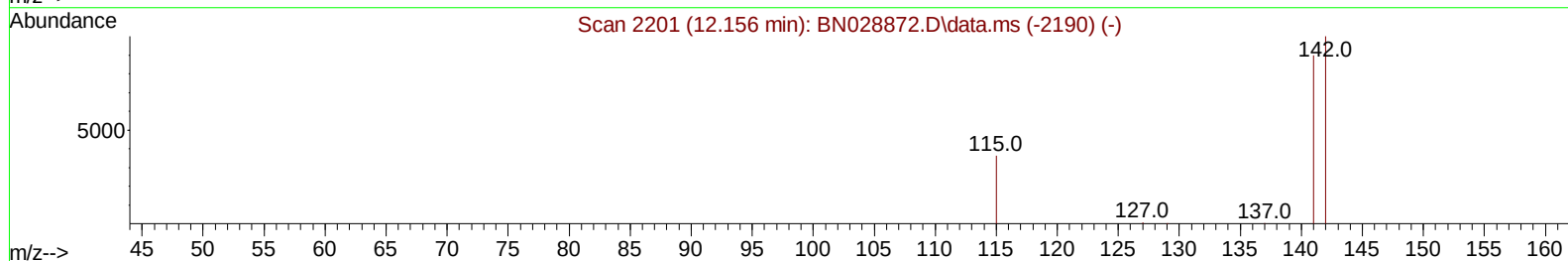
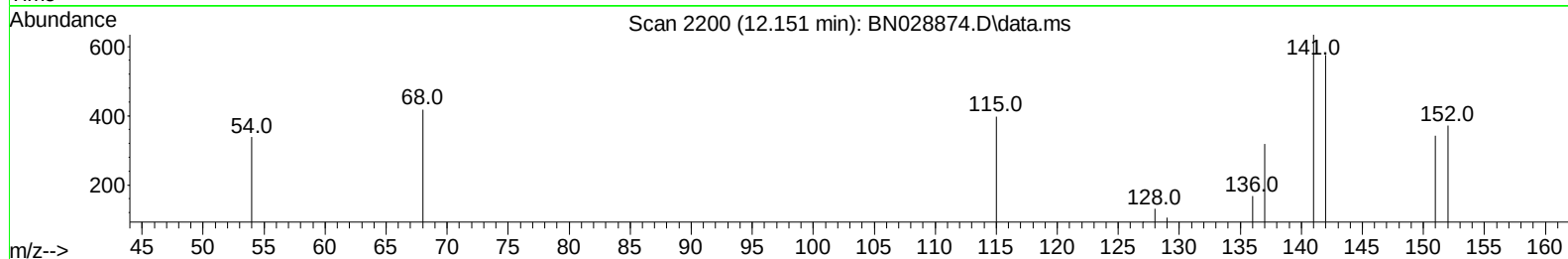
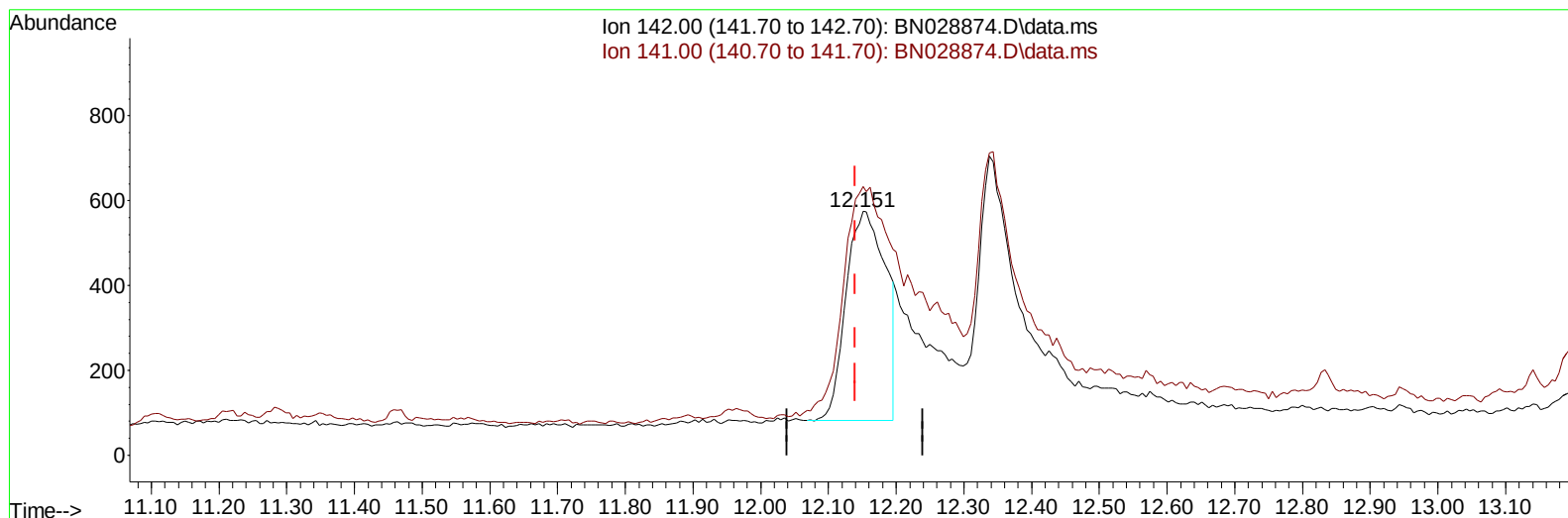
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(7) 2-Methylnaphthalene

12.151min (+ 0.011) 0.05 ng/u1

response 1999

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	121.01#
0.00	0.00	0.00
0.00	0.00	0.00

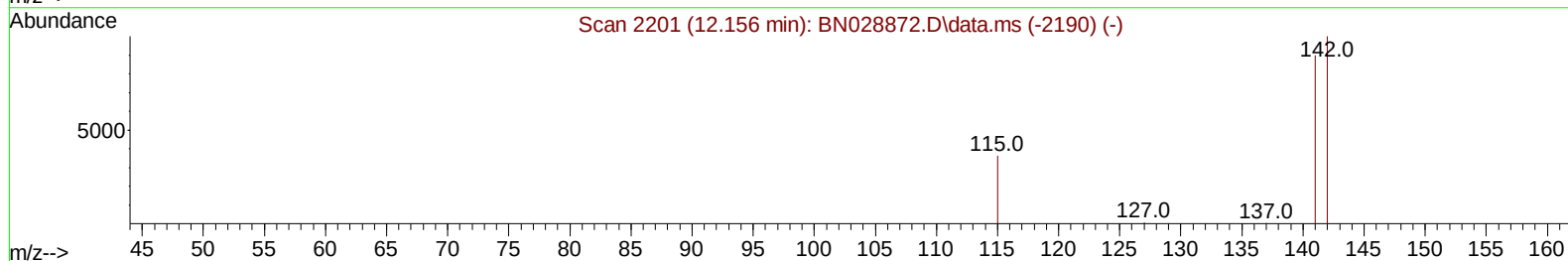
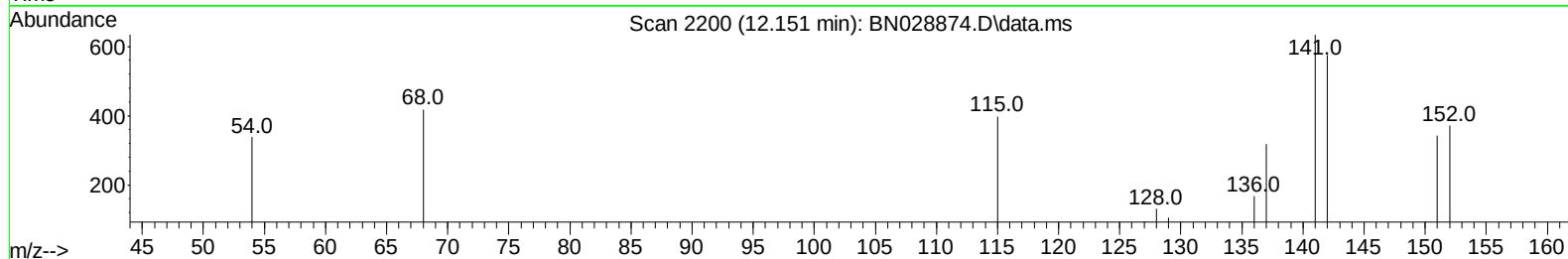
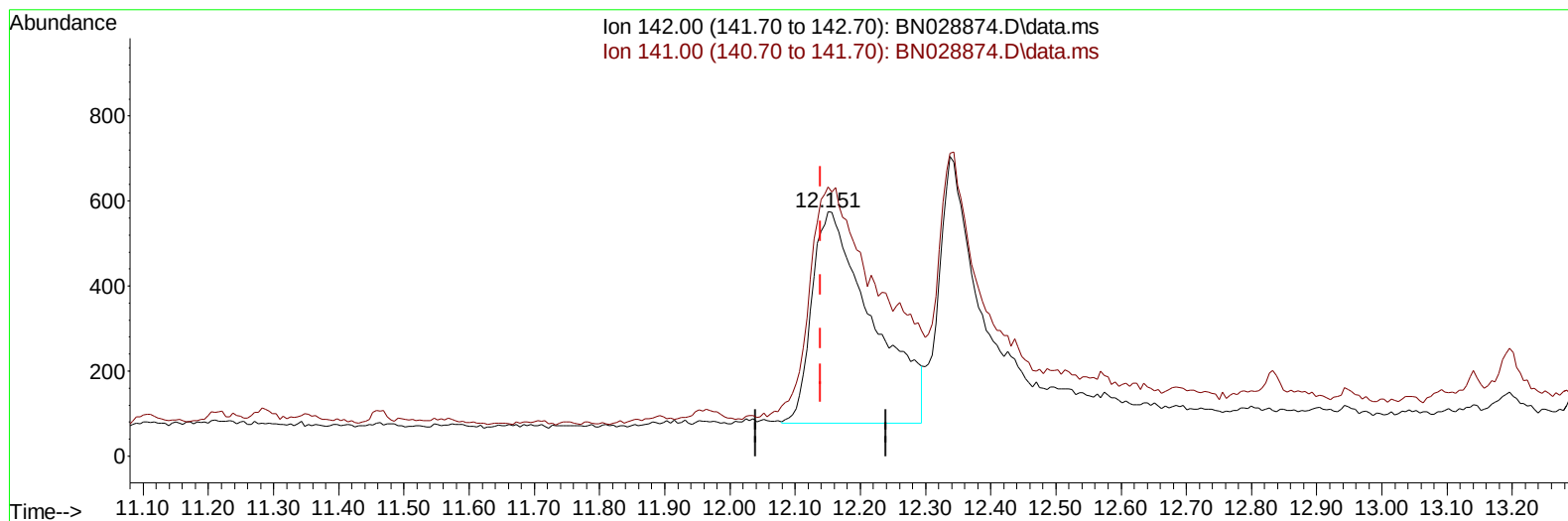
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Sample : 05261-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BN028874.D\data.ms

(7) 2-Methylnaphthalene

12.151min (+ 0.011) 0.07 ng/ul m

response 3199

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	75.62
0.00	0.00	0.00
0.00	0.00	0.00

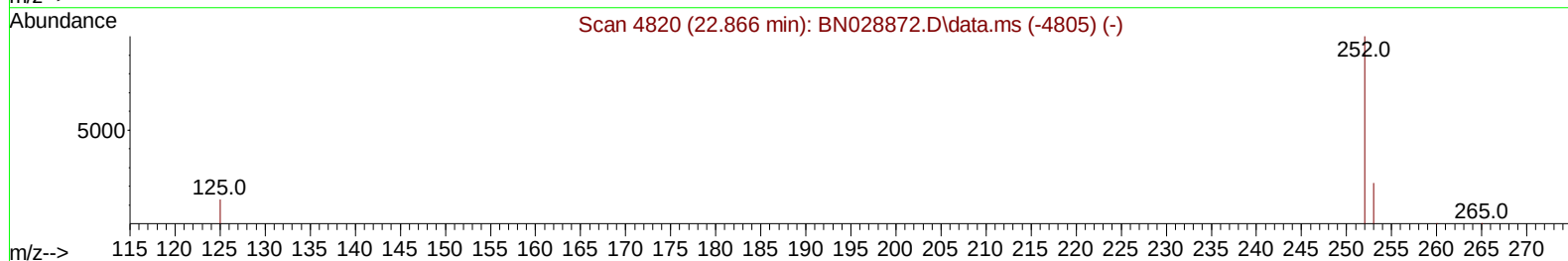
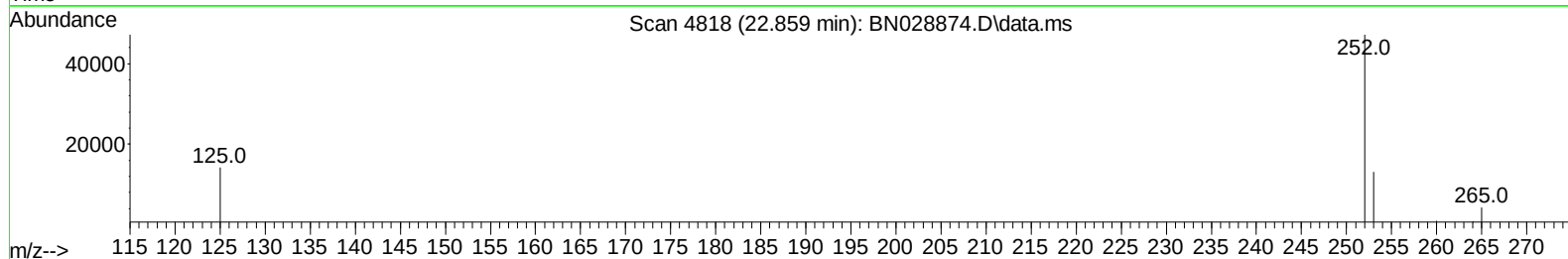
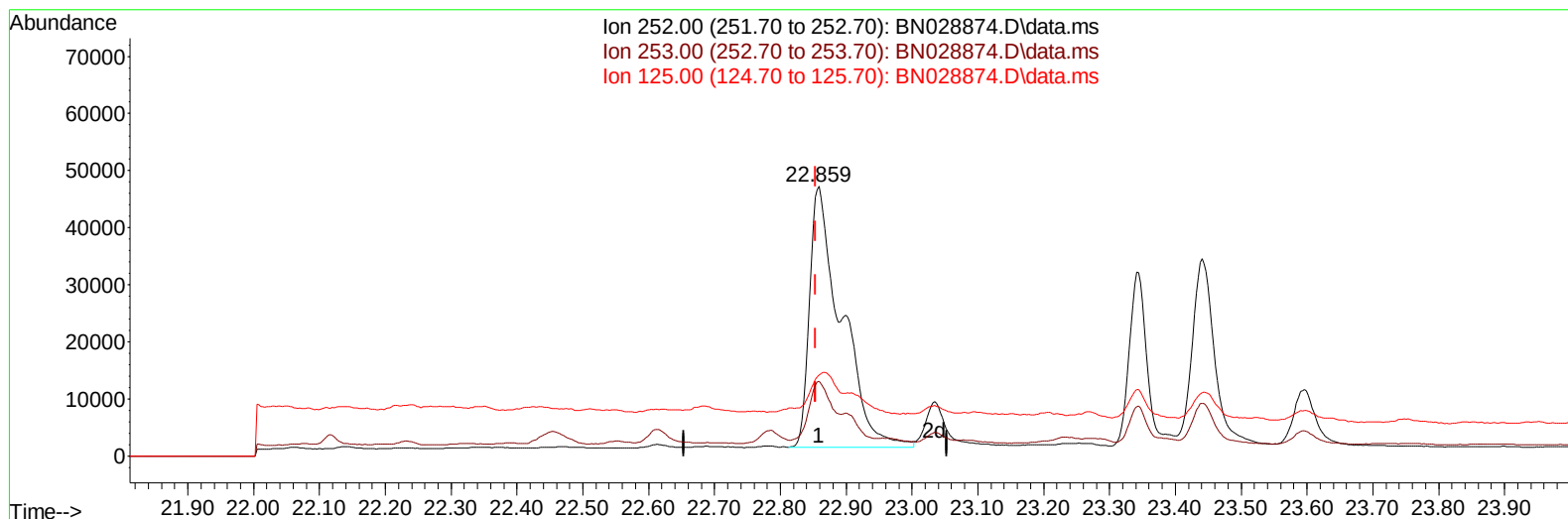
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Instrument :
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TIC: BN028874.D\data.ms

(24) Benzo(b)fluoranthene

22.859min (+ 0.005) 2.04 ng/u1

response 153650

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	27.74
125.00	13.80	30.13#
0.00	0.00	0.00

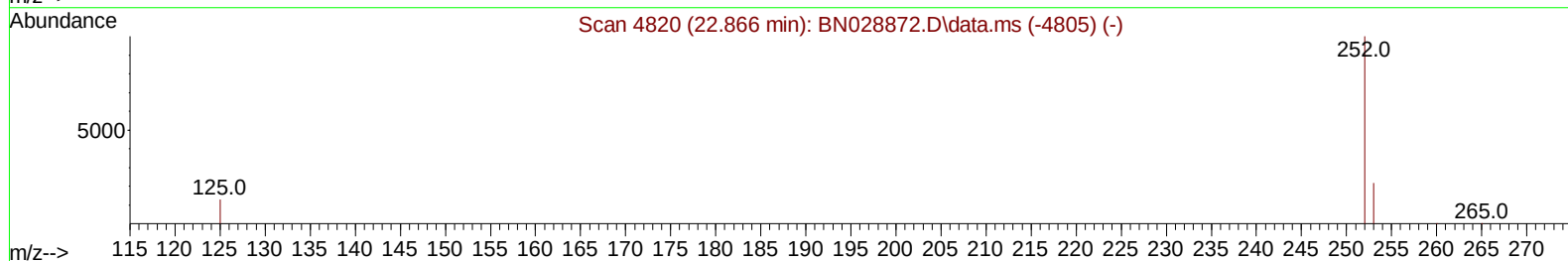
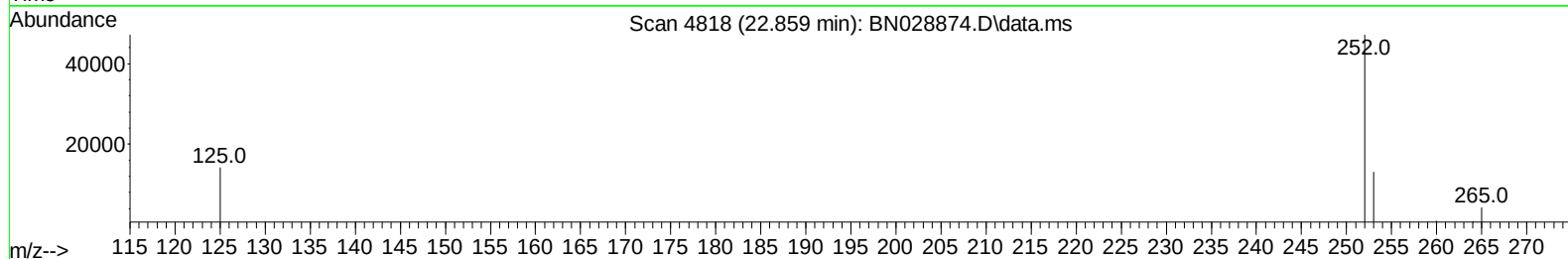
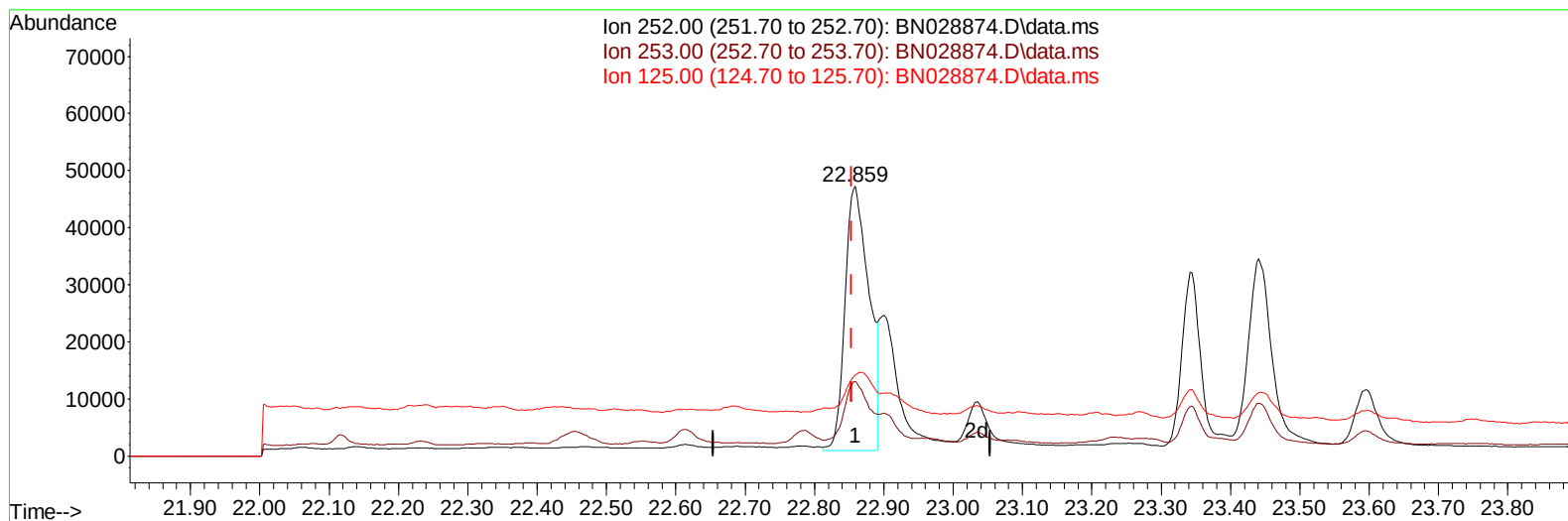
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028874.D
Acq On : 27 Nov 2023 11:39
Operator : MA/JU
Sample : 05261-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKQ2

Manual IntegrationsAPPROVED

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TIC: BN028874.D\data.ms

(24) Benzo(b)fluoranthene

22.859min (+ 0.005) 1.48 ng/ul m

response 111719

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	27.74
125.00	13.80	30.13#
0.00	0.00	0.00

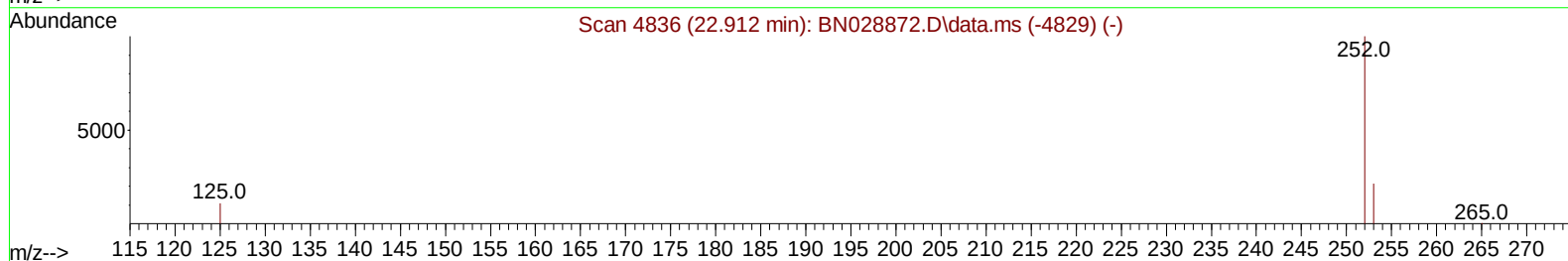
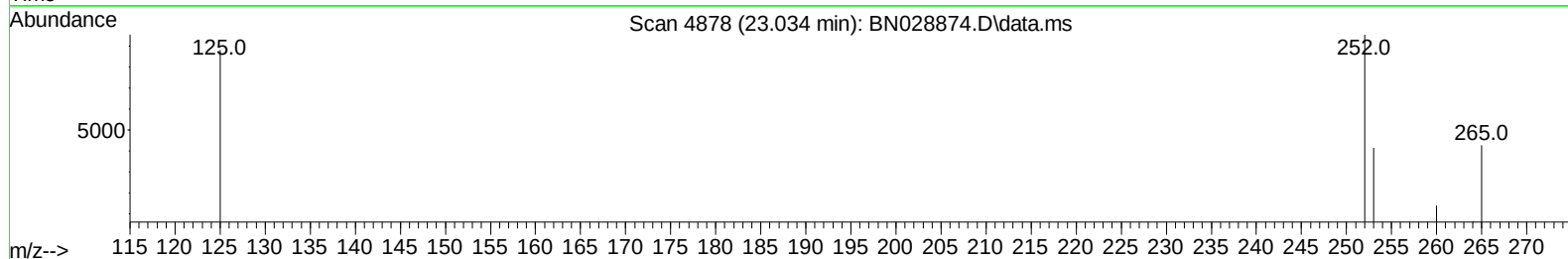
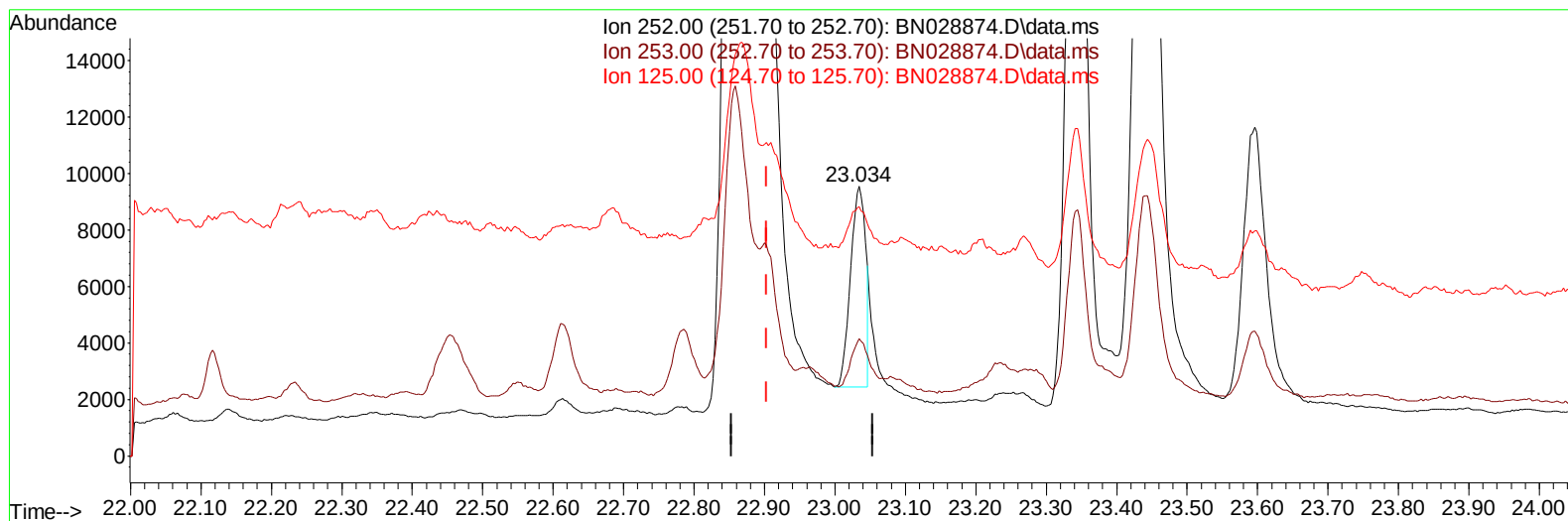
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Operator : MA/JU
Sample : 05261-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BN028874.D\data.ms

(25) Benzo(k)fluoranthene

23.034min (+ 0.131) 0.13 ng/u1

response 10537

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	43.40#
125.00	15.90	92.49#
0.00	0.00	0.00

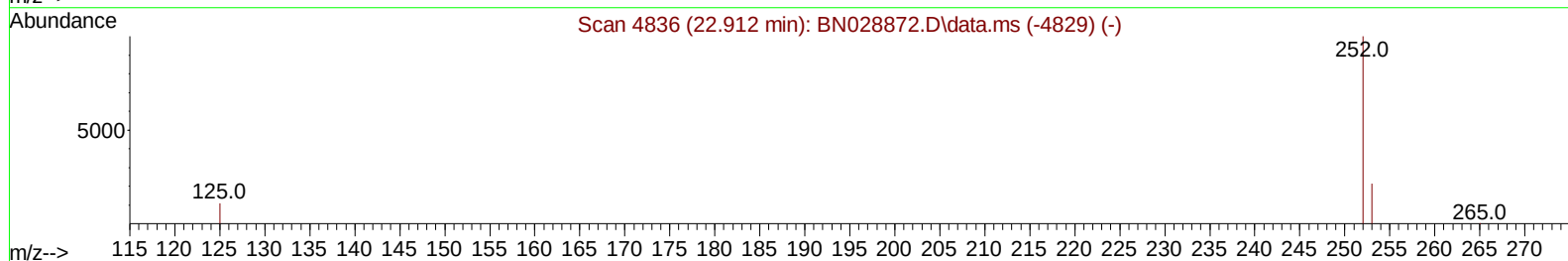
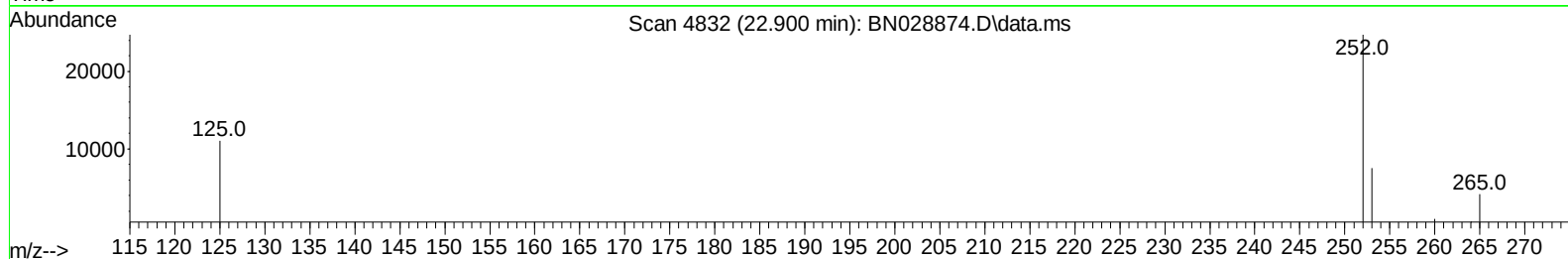
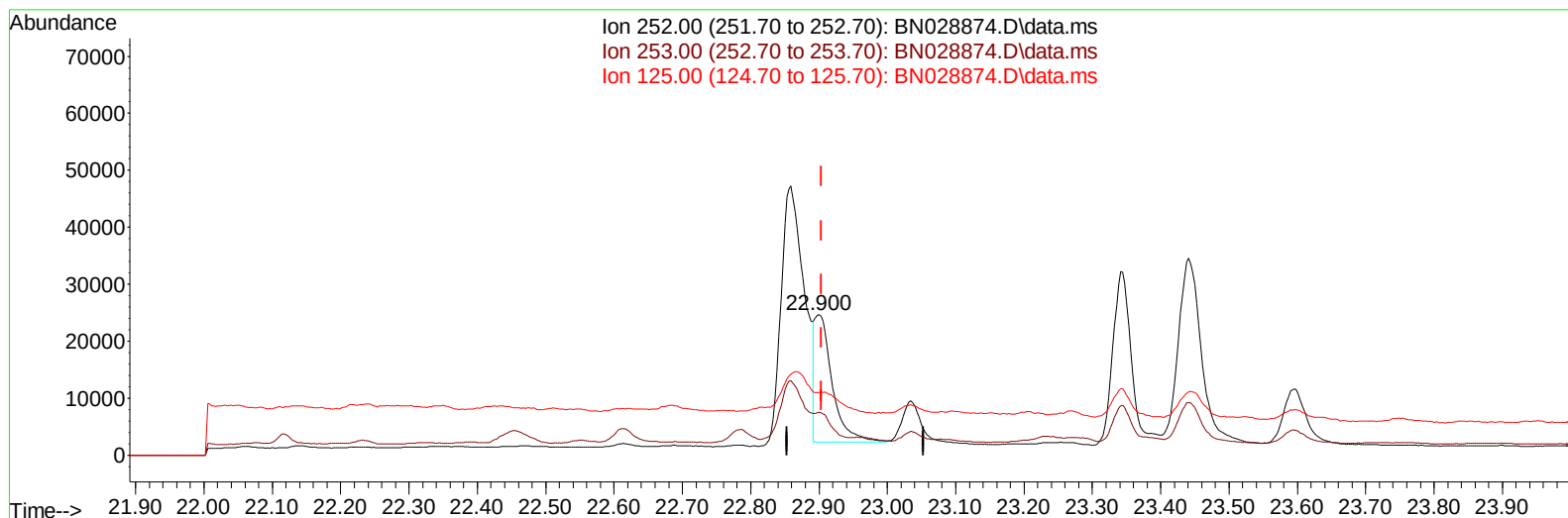
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 Data File : BN028874.D
 Acq On : 27 Nov 2023 11:39
 Operator : MA/JU
 Sample : 05261-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKQ2

Manual IntegrationsAPPROVED

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TIC: BN028874.D\data.ms

(25) Benzo(k)fluoranthene

22.900min (-0.004) 0.51 ng/ul m

response 39921

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	30.57#
125.00	15.90	44.65#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05261-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	6120	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.440	136	23784	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.293	164	10559	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.056	188	18757	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.269	240	17302	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	20046	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	16822	2.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	4325m	0.121	ng/ul	0.00
18) Fluoranthene-d10	19.089	212	8177	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.490	128	11606	0.174	ng/ul#	86
7) 2-Methylnaphthalene	12.151	142	3199m	0.073	ng/ul	
8) 1-Methylnaphthalene	12.338	142	1353	0.030	ng/ul	95
10) Acenaphthylene	14.011	152	4712	0.089	ng/ul#	72
11) Acenaphthene	14.358	153	6624	0.171	ng/ul	97
12) Fluorene	15.357	166	8086	0.179	ng/ul#	96
15) Phenanthrene	17.090	178	97144	1.686	ng/ul	99
16) Anthracene	17.182	178	25851	0.489	ng/ul#	91
19) Fluoranthene	19.117	202	181445	2.466	ng/ul	100
20) Pyrene	19.480	202	158159	2.074	ng/ul	98
21) Benzo(a)anthracene	21.252	228	94186	1.377	ng/ul#	92
22) Chrysene	21.304	228	62003	0.927	ng/ul#	93
24) Benzo(b)fluoranthene	22.859	252	111719m	1.485	ng/ul	
25) Benzo(k)fluoranthene	22.900	252	39921m	0.507	ng/ul	
26) Benzo(a)pyrene	23.441	252	76438	1.076	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.870	276	56255	0.714	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.884	278	12343	0.196	ng/ul#	53
29) Benzo(g,h,i)perylene	26.585	276	55598	0.861	ng/ul	95

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

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