

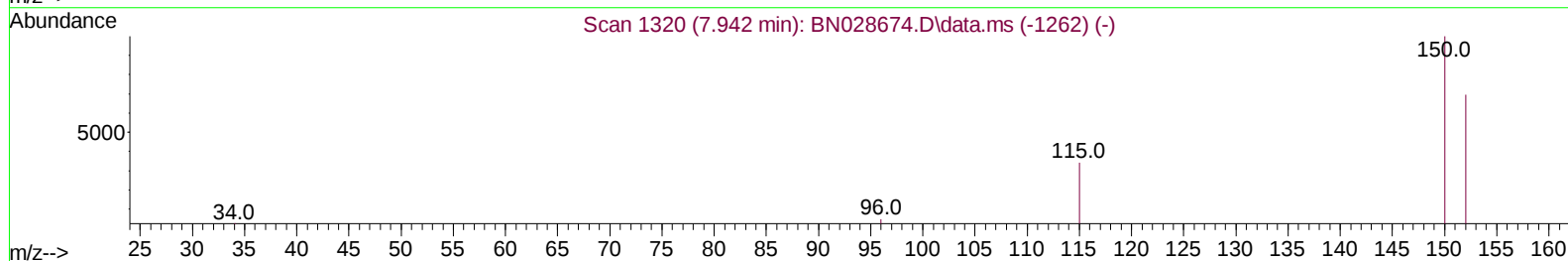
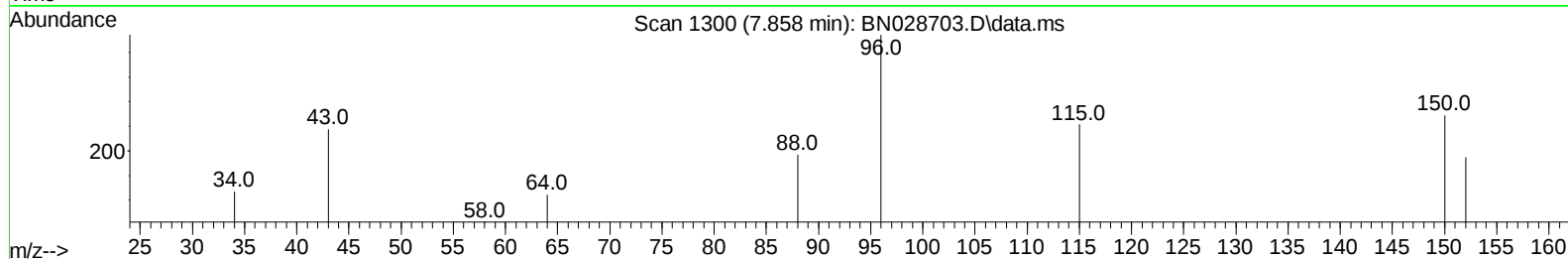
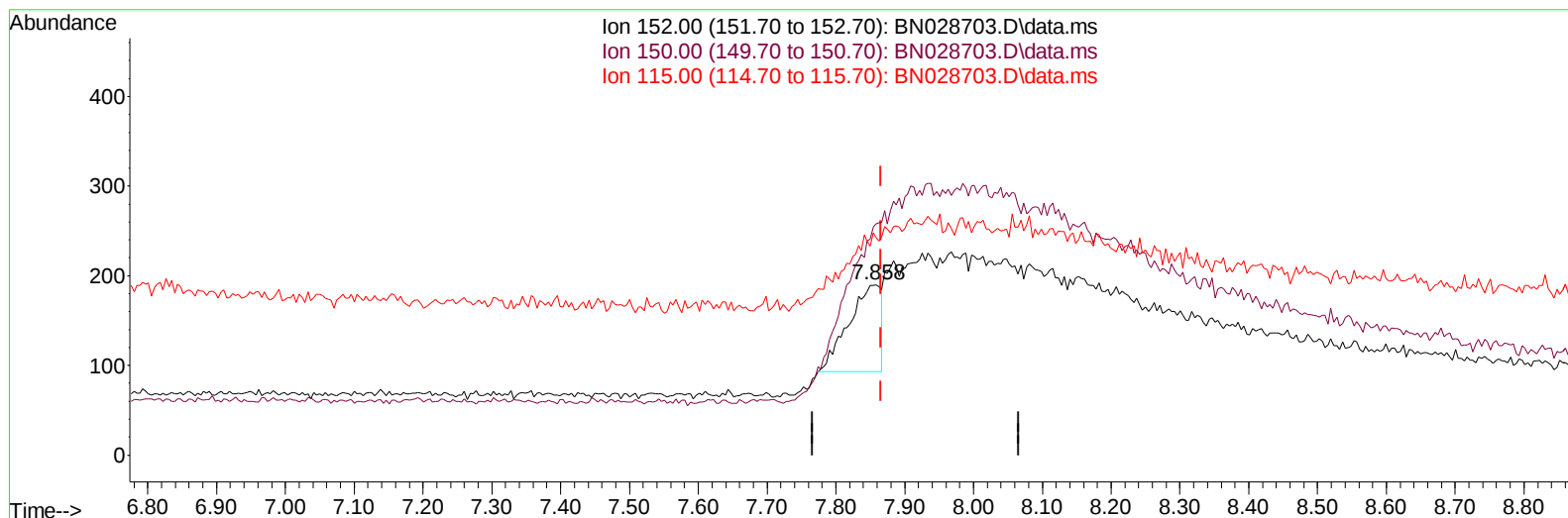
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028703.D
 Acq On : 17 Nov 2023 16:15
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 17 16:45:13 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 : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028703.D\data.ms

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

7.858min (-0.008) 0.40 ng/u1

response 318

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	135.79
115.00	62.20	127.89#
0.00	0.00	0.00

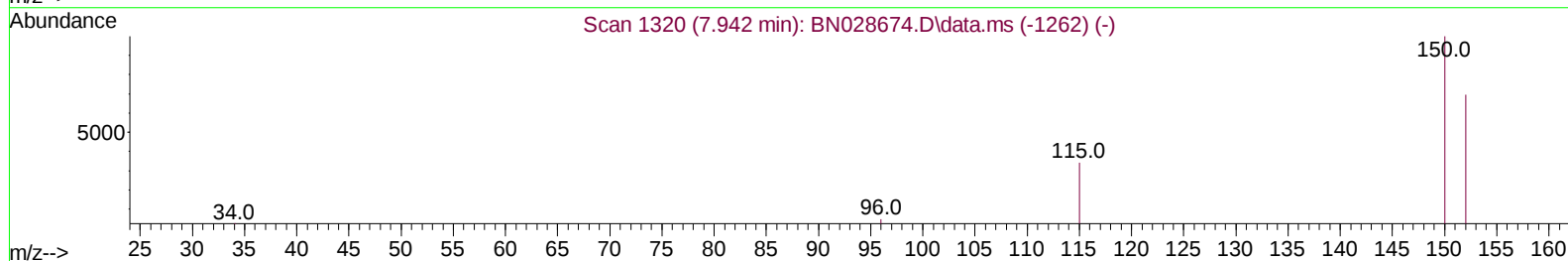
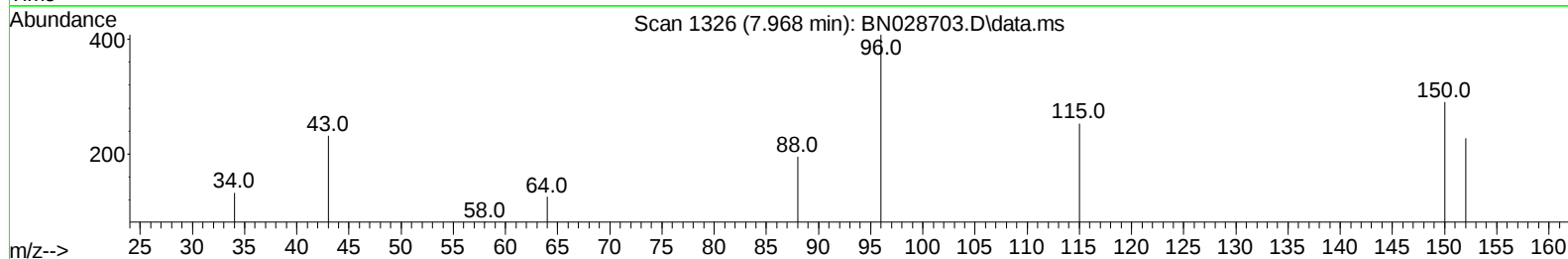
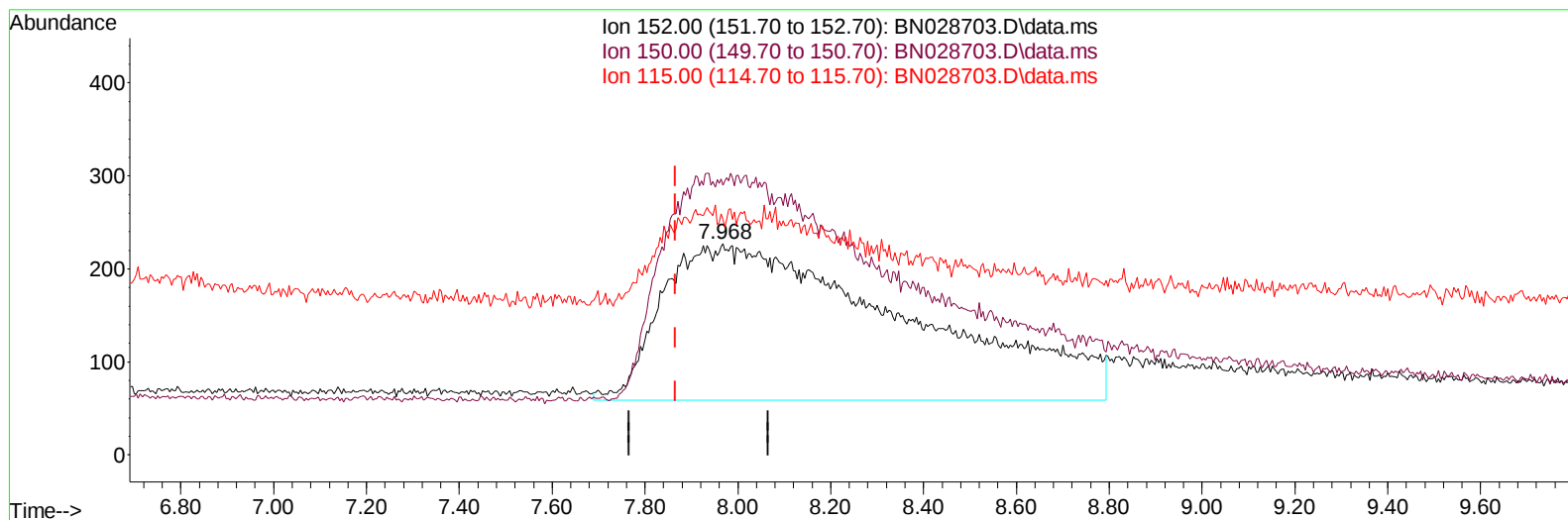
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(1) 1,4-Dichlorobenzene-d4 (I)

7.968min (+ 0.102) 0.40 ng/ul m

response 6150

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	127.75
115.00	62.20	111.45#
0.00	0.00	0.00

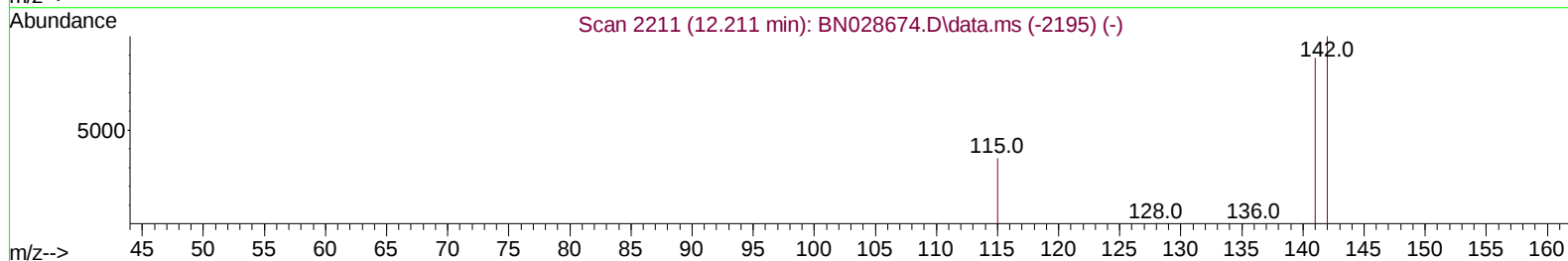
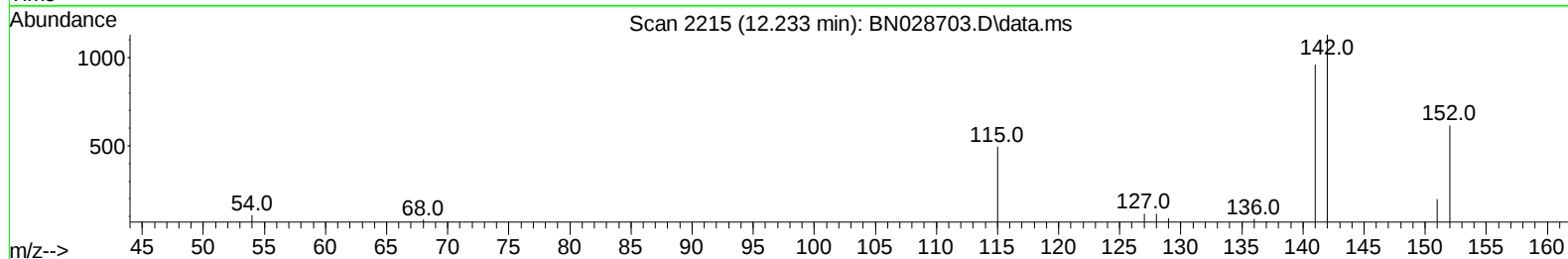
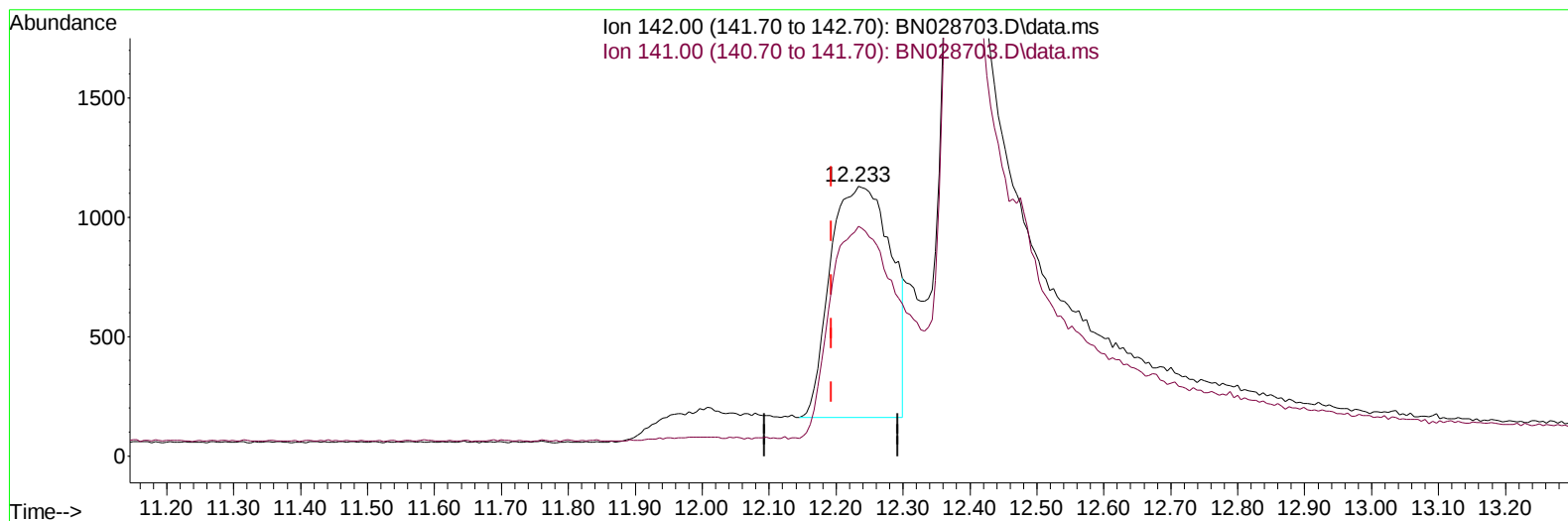
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(7) 2-Methylnaphthalene

12.233min (+ 0.040) 0.22 ng/u1

response 6118

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	91.47
0.00	0.00	0.00
0.00	0.00	0.00

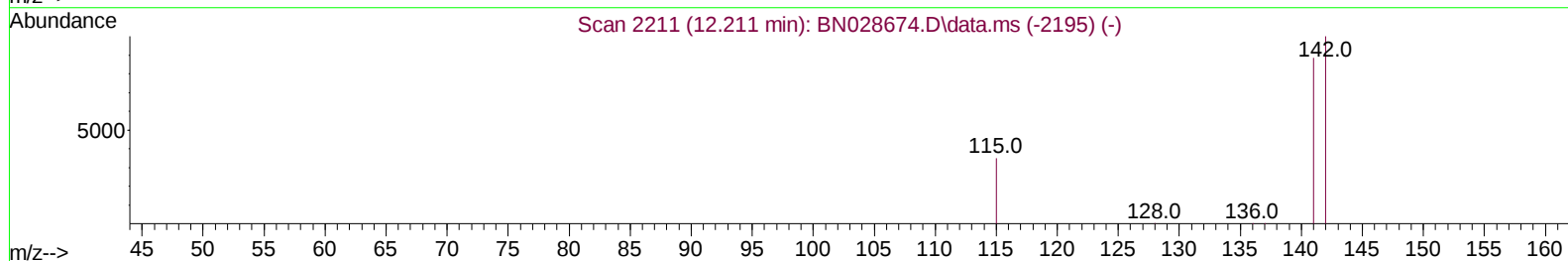
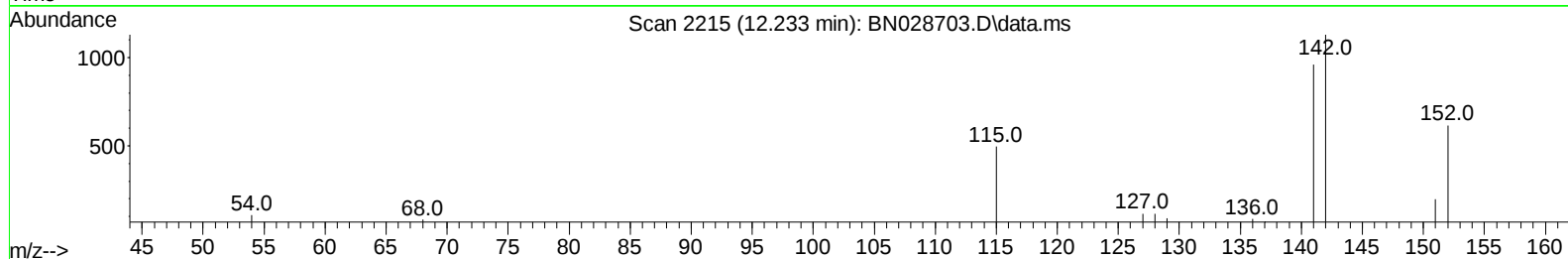
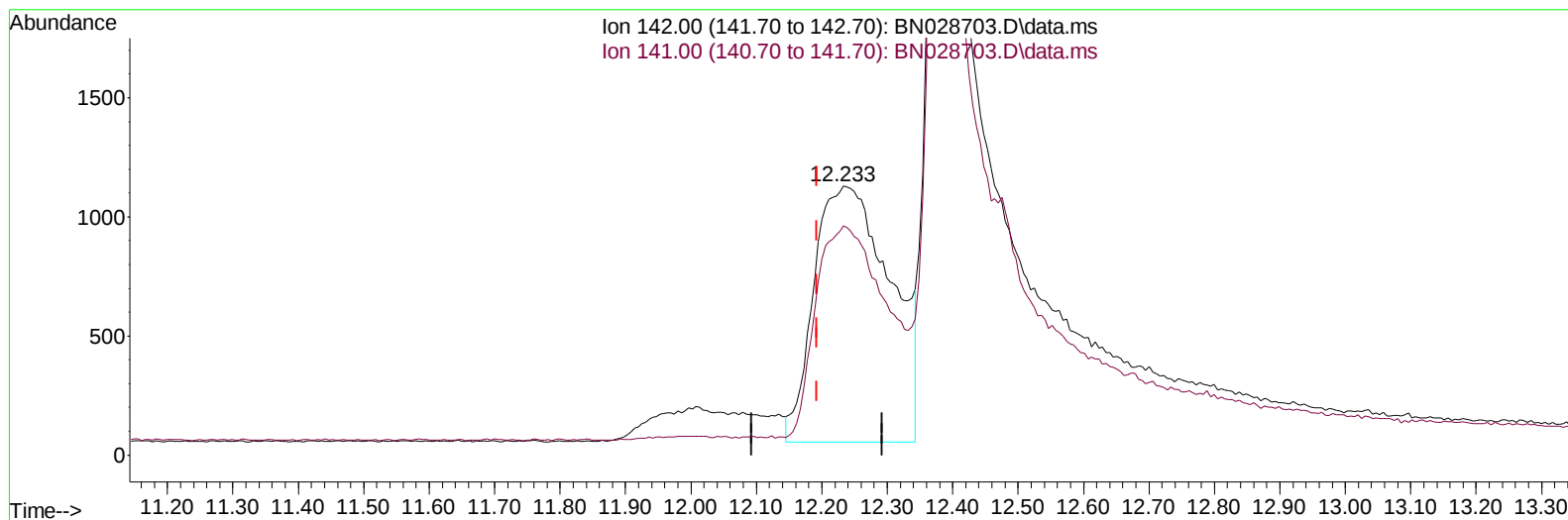
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(7) 2-Methylnaphthalene

12.233min (+ 0.040) 0.31 ng/ul m

response 8764

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	63.85#
0.00	0.00	0.00
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	7.968	152	6150m	0.400	ng/ul	0.10
4) Naphthalene-d8	10.528	136	15185	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.331	164	11196	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.107	188	13900	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.308	240	12375	0.400	ng/ul	# 0.00
23) Perylene-d12	23.588	264	12430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.125	96	3256	0.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.156	152	5171	0.226	ng/ul	0.03
18) Fluoranthene-d10	19.127	212	18859	0.474	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	3093	0.412	ng/ul#	79
5) Naphthalene	10.567	128	16137	0.379	ng/ul#	95
7) 2-Methylnaphthalene	12.233	142	8764m	0.313	ng/ul	
8) 1-Methylnaphthalene	12.382	142	10809	0.380	ng/ul	97
10) Acenaphthylene	14.058	152	20941	0.375	ng/ul	98
11) Acenaphthene	14.391	153	17853	0.434	ng/ul	98
12) Fluorene	15.413	166	14400	0.301	ng/ul	99
14) Pentachlorophenol	16.774	266	961	0.288	ng/ul	97
15) Phenanthrene	17.145	178	21067	0.493	ng/ul	97
16) Anthracene	17.272	178	9317	0.238	ng/ul#	93
19) Fluoranthene	19.160	202	25413	0.483	ng/ul	98
20) Pyrene	19.522	202	29963	0.549	ng/ul	97
21) Benzo(a)anthracene	21.296	228	12269	0.251	ng/ul	98
22) Chrysene	21.343	228	19263	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.901	252	17907	0.384	ng/ul	85
25) Benzo(k)fluoranthene	22.944	252	22368	0.458	ng/ul#	90
26) Benzo(a)pyrene	23.491	252	19427	0.441	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.941	276	23492	0.481	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.965	278	17250	0.442	ng/ul#	92
29) Benzo(g,h,i)perylene	26.649	276	21766	0.543	ng/ul	96

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

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