

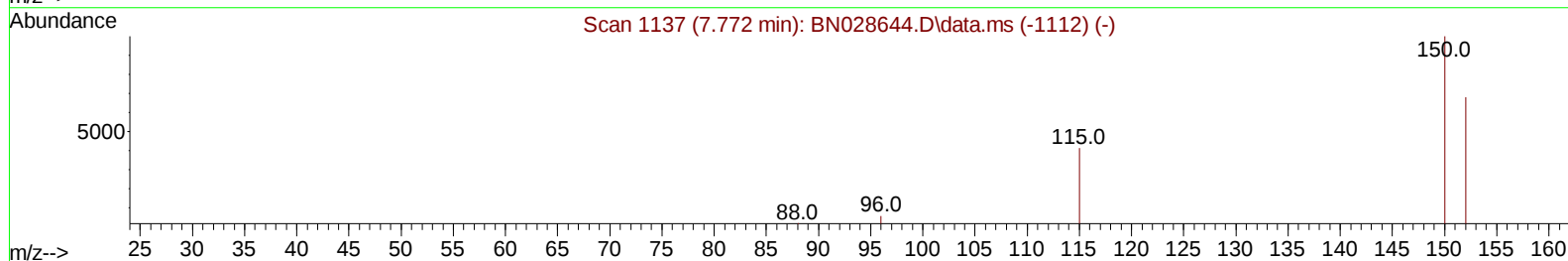
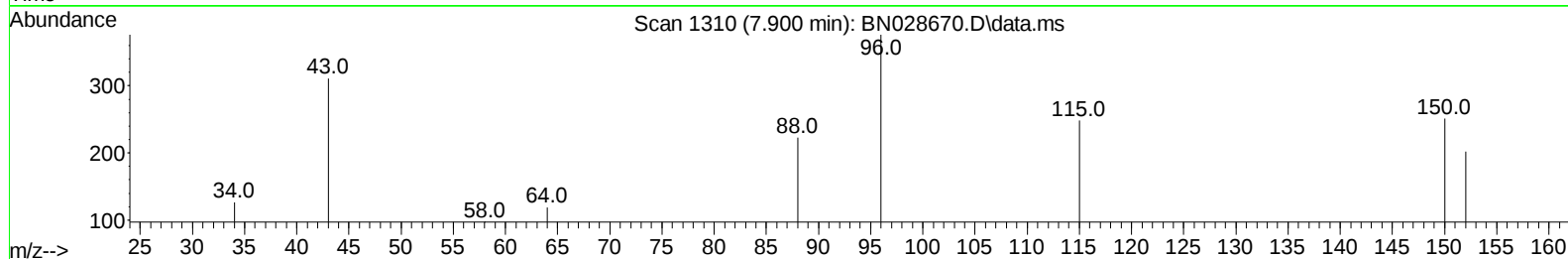
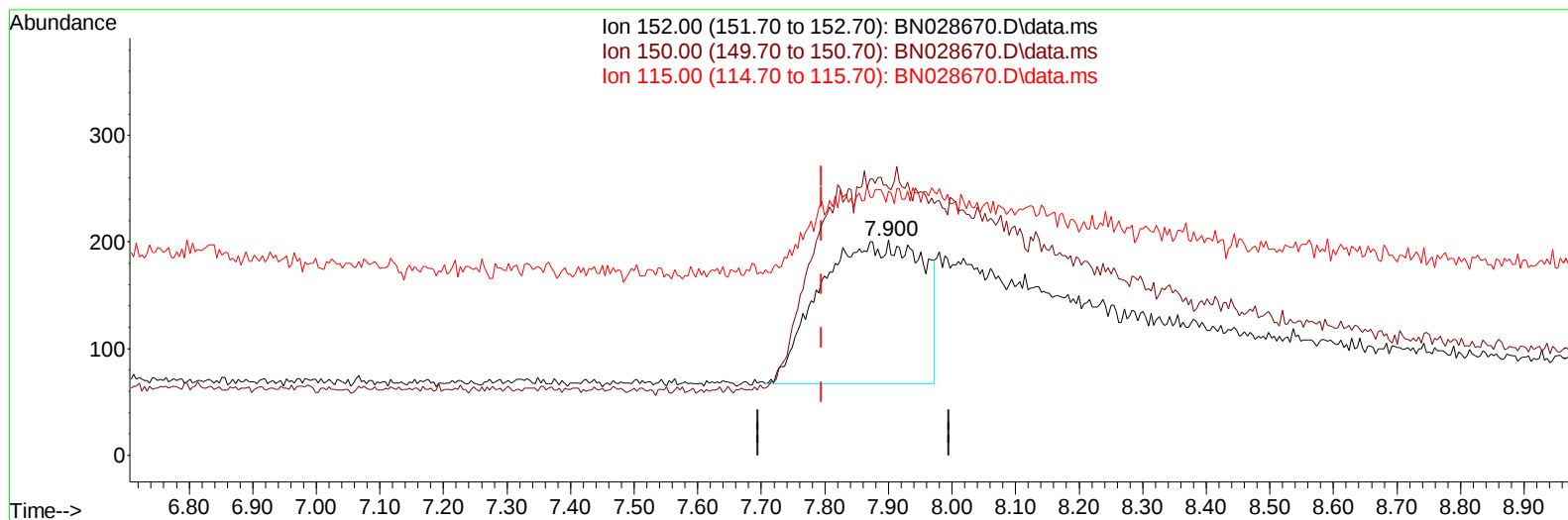
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028670.D
Acq On : 16 Nov 2023 18:46
Operator : MA/JU
Sample : PB157092BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS092

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:40:58 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 : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028670.D\data.ms

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

7.900min (+ 0.105) 0.40 ng/u1

response 1503

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	124.26
115.00	62.20	122.77#
0.00	0.00	0.00

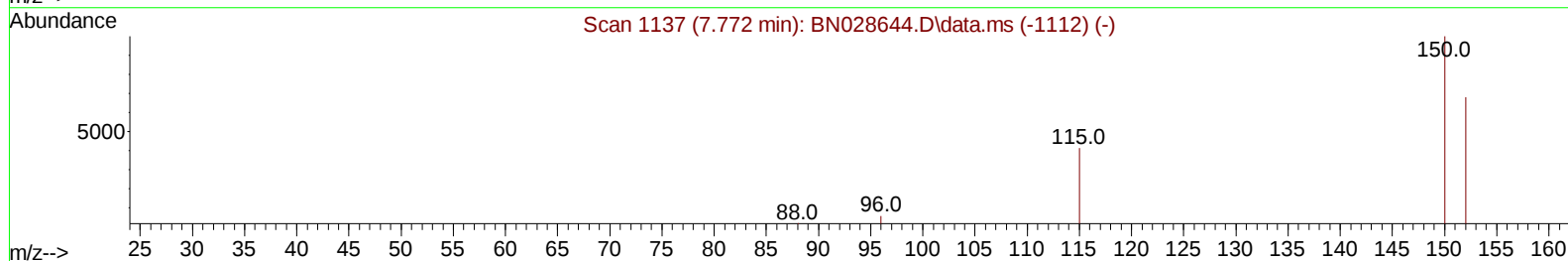
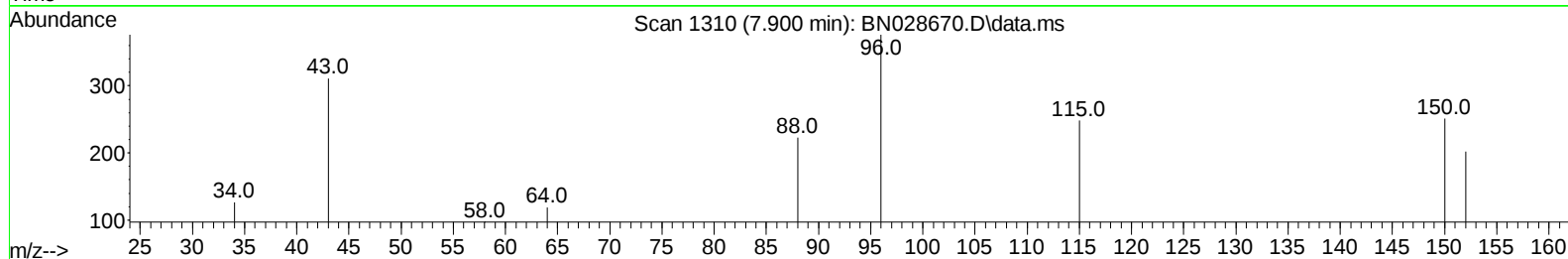
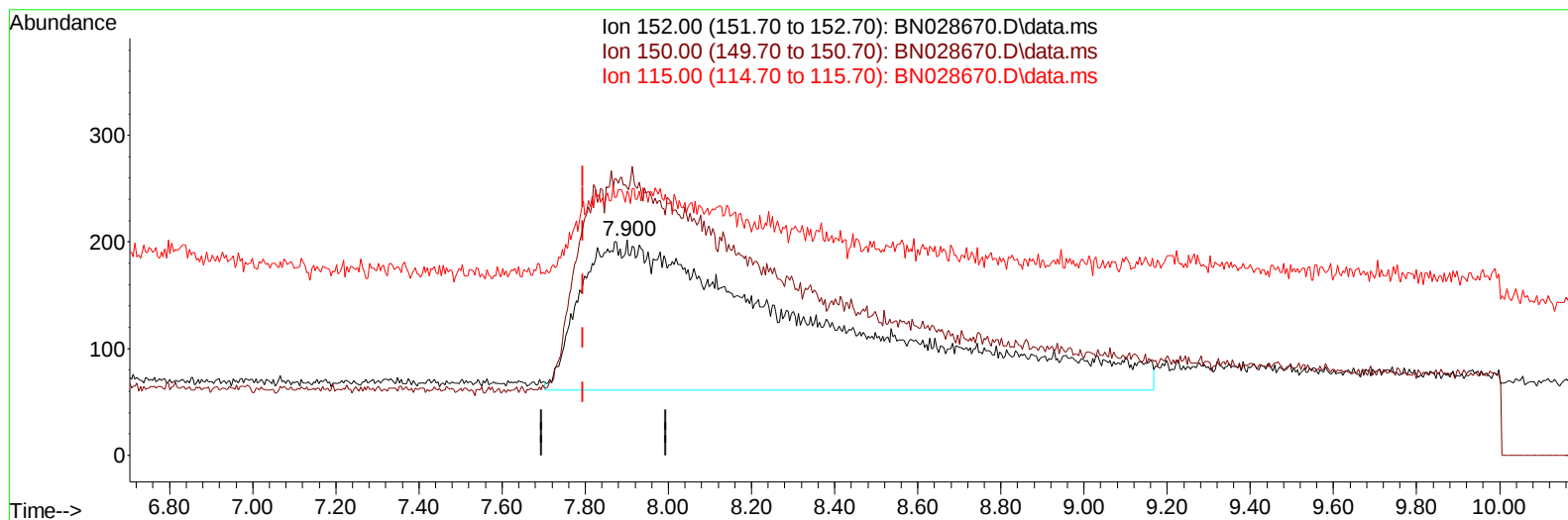
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TIC: BN028670.D\data.ms

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

7.900min (+ 0.105) 0.40 ng/ul m

response 5556

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	124.26
115.00	62.20	122.77#
0.00	0.00	0.00

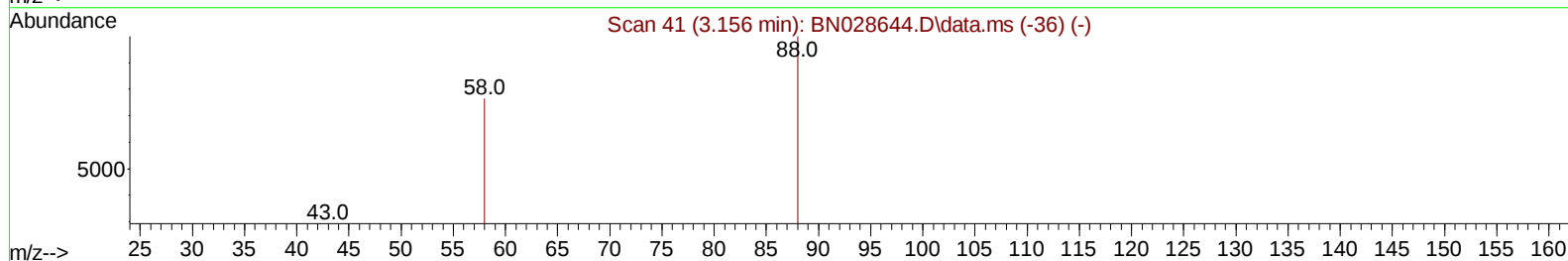
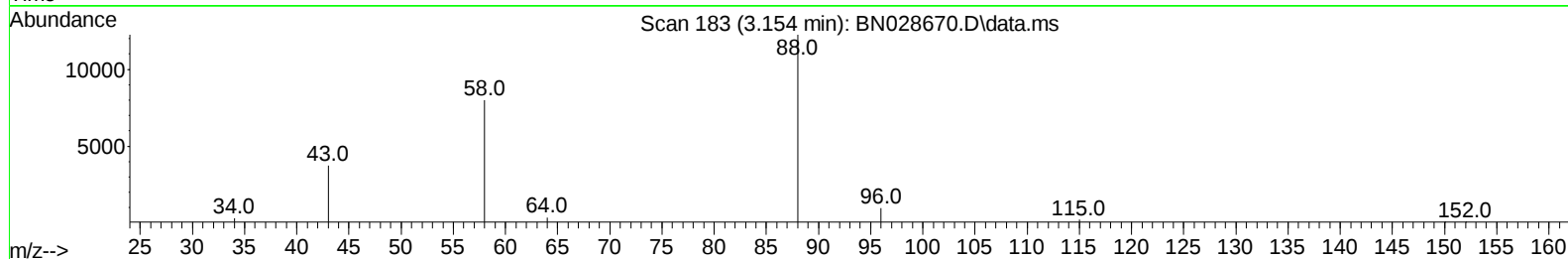
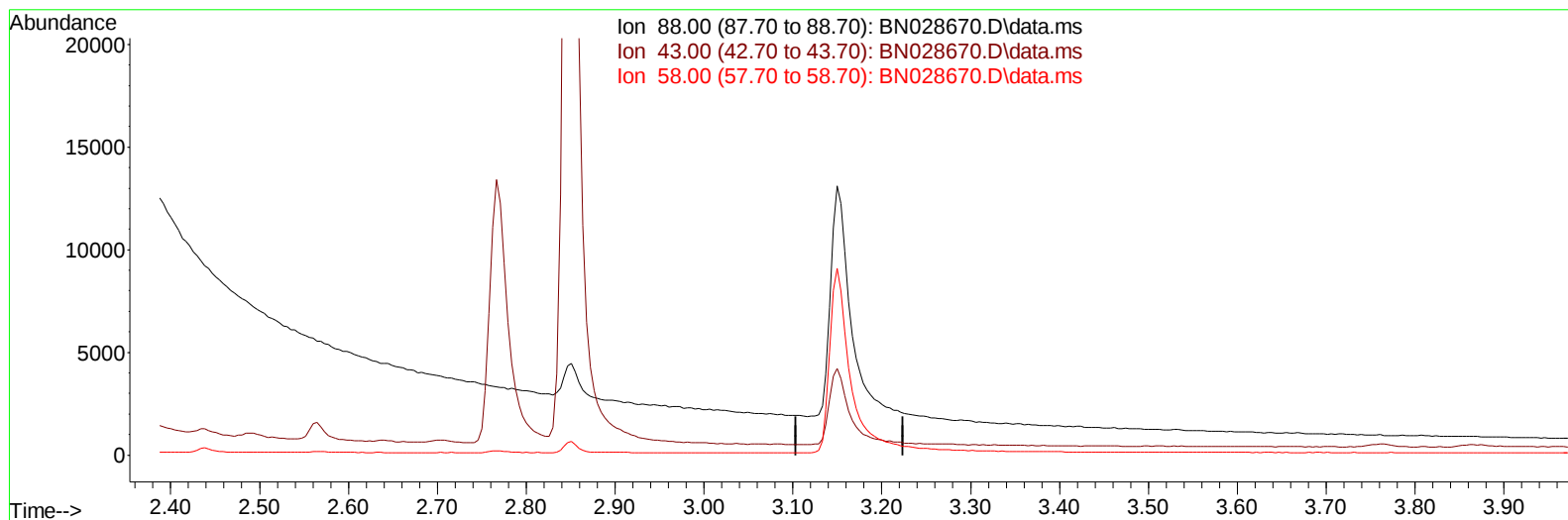
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TIC: BN028670.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 0.00 ng/u1

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

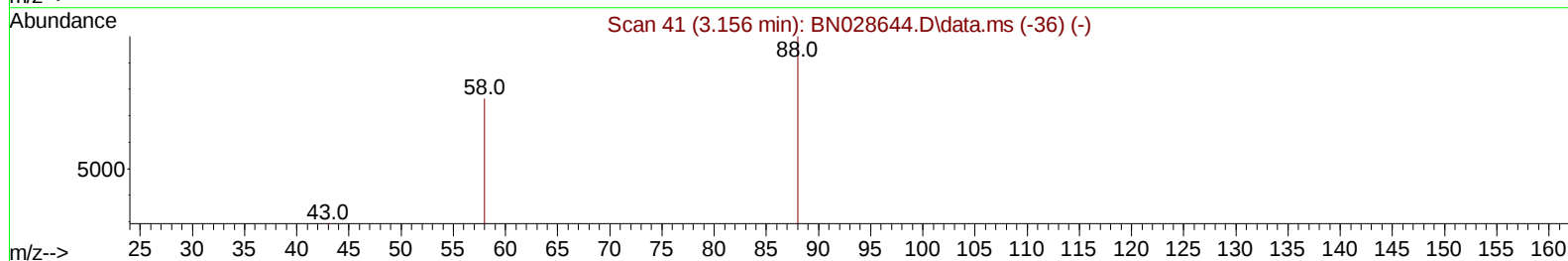
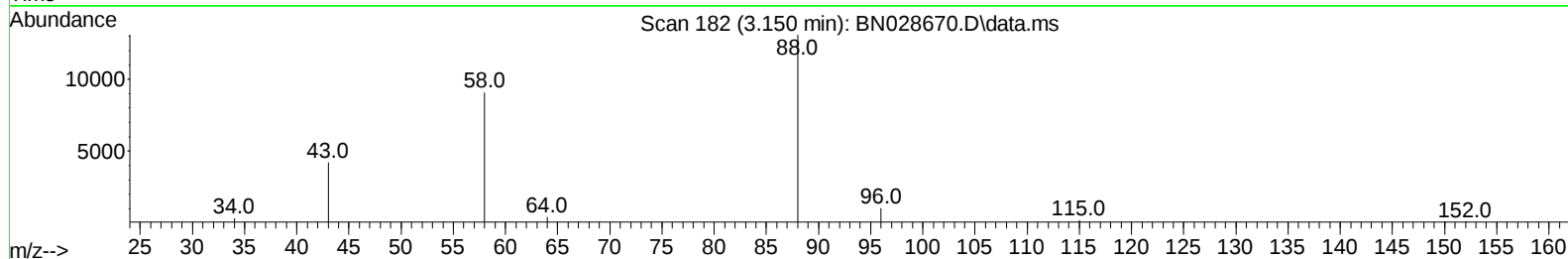
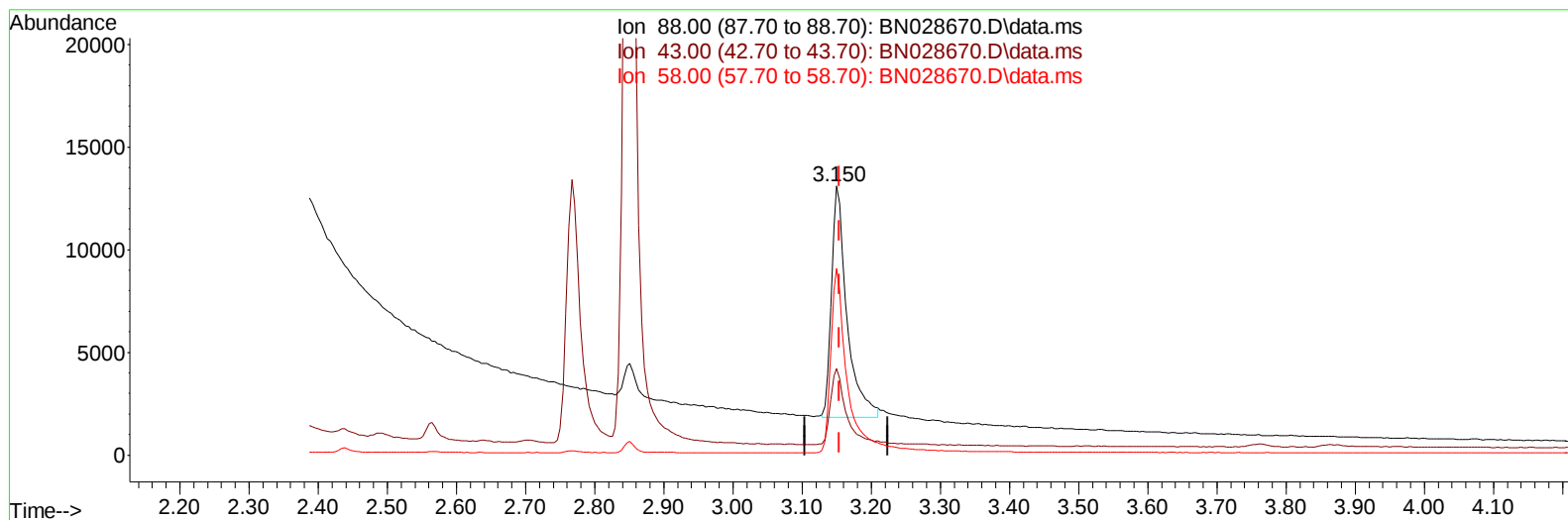
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TIC: BN028670.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.56 ng/ul m

response 17344

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	32.24#
58.00	52.30	69.42#
0.00	0.00	0.00

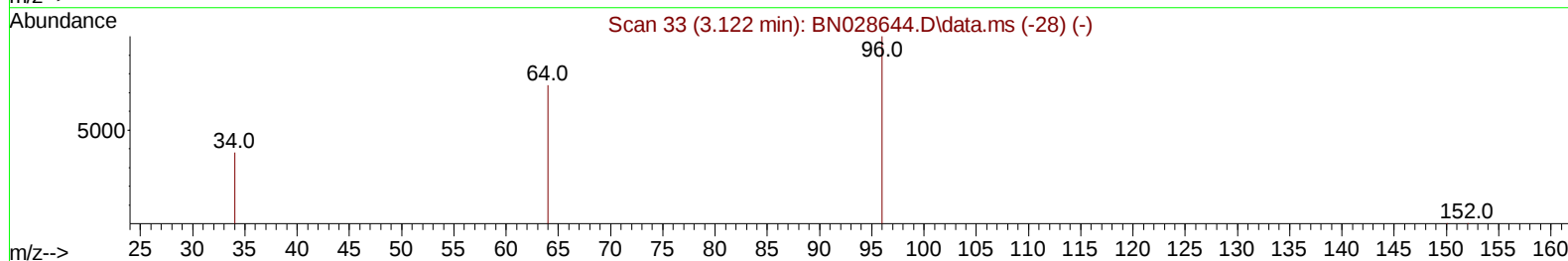
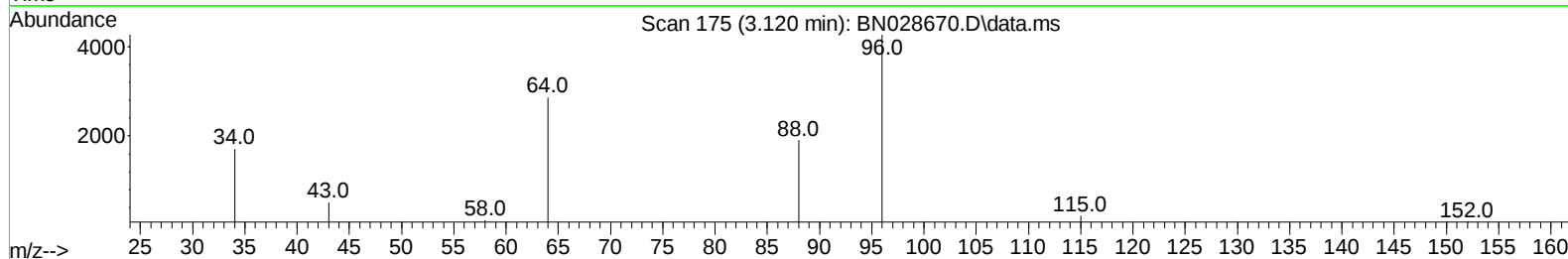
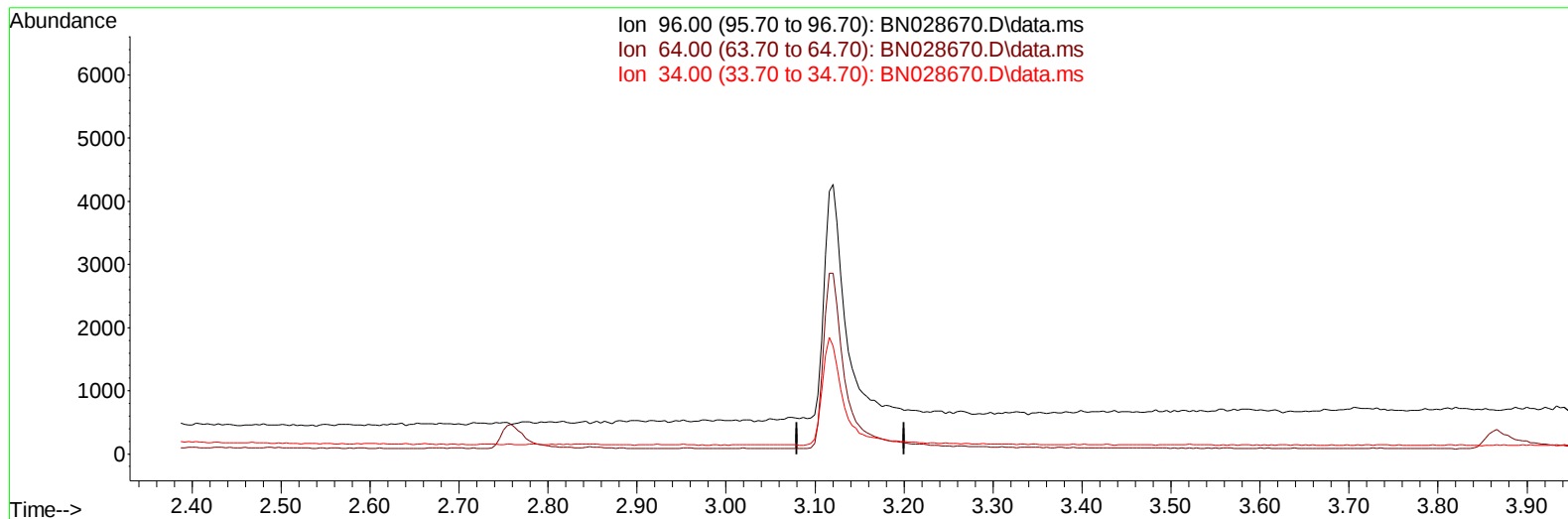
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TIC: BN028670.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (-3.120) 0.00 ng/u1

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

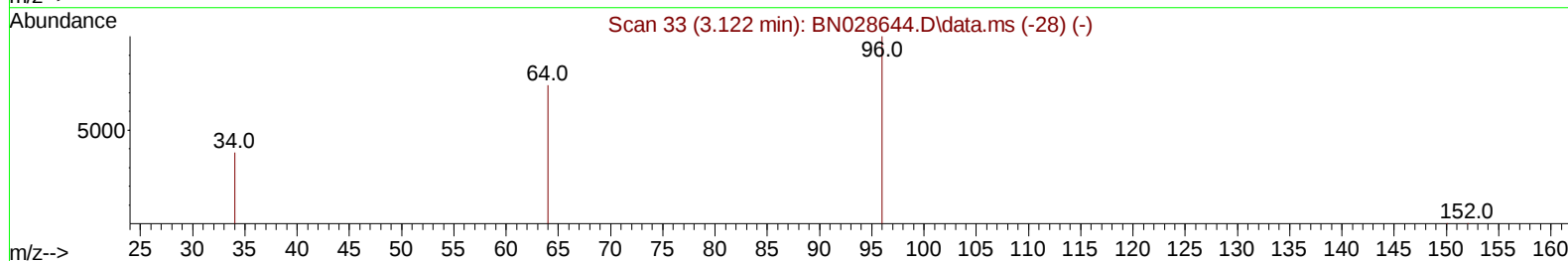
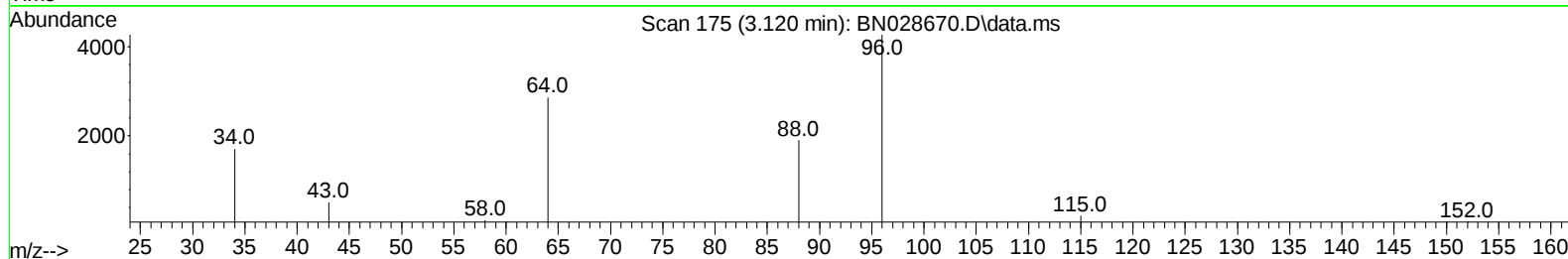
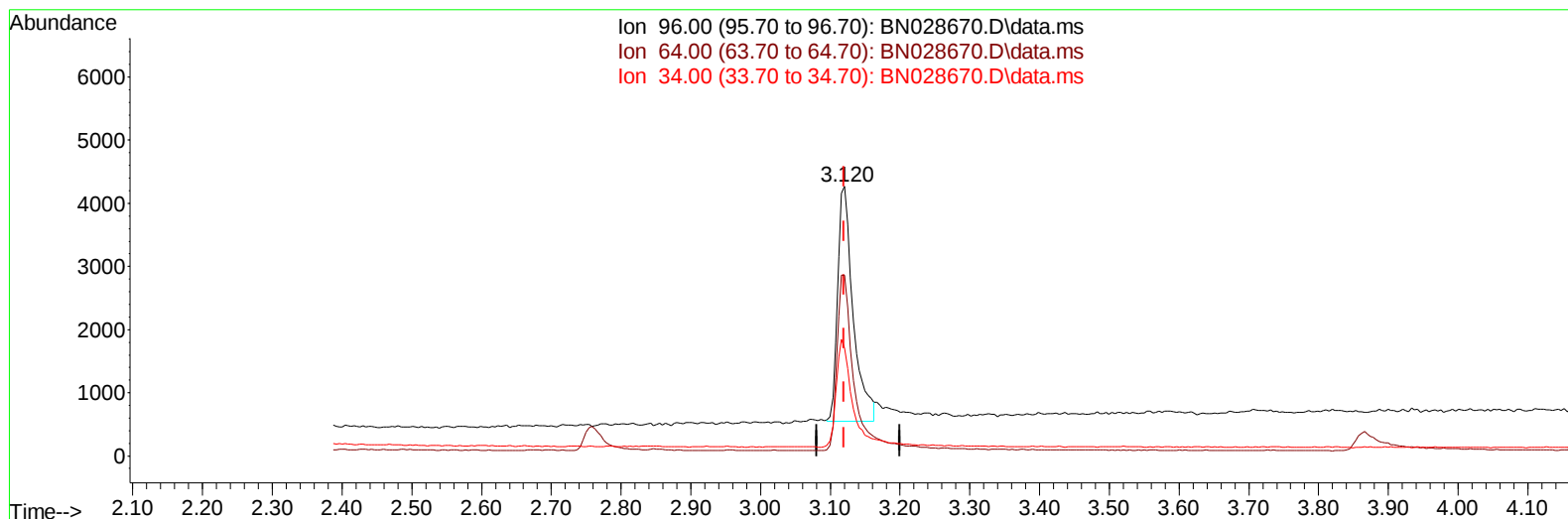
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 Operator : MA/JU
 Sample : PB157092BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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TIC: BN028670.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (+ 0.000) 0.93 ng/ul m

response 5718

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	67.03
34.00	38.60	40.07
0.00	0.00	0.00

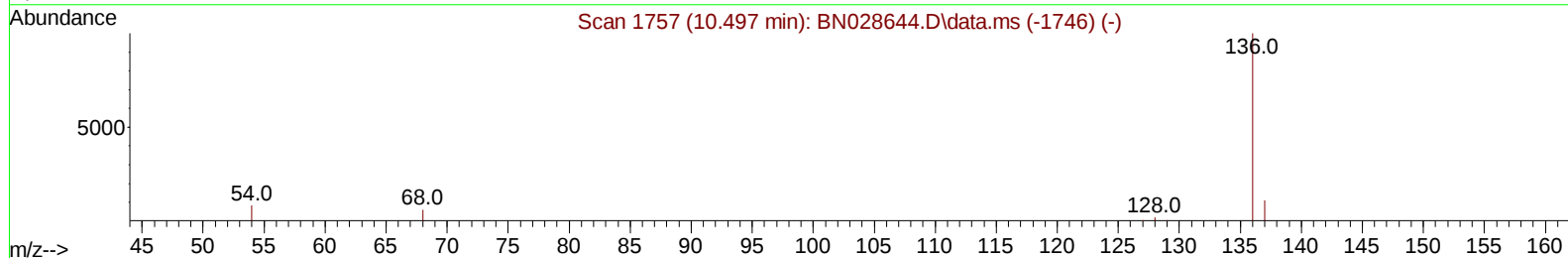
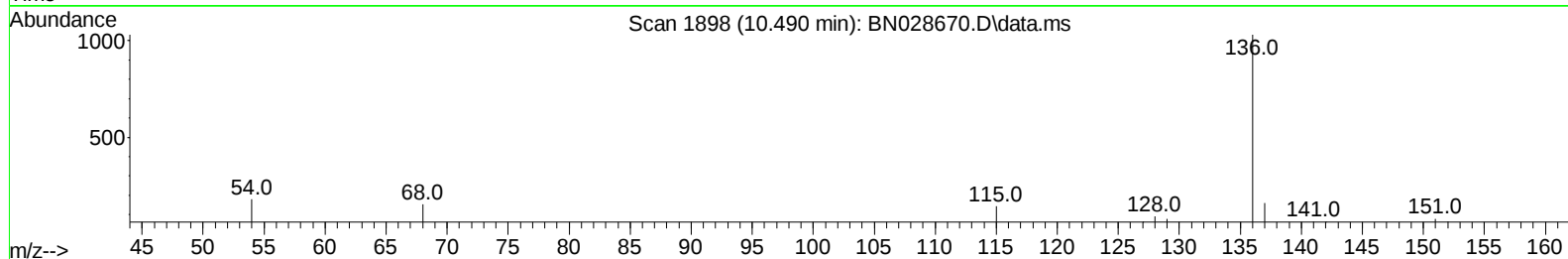
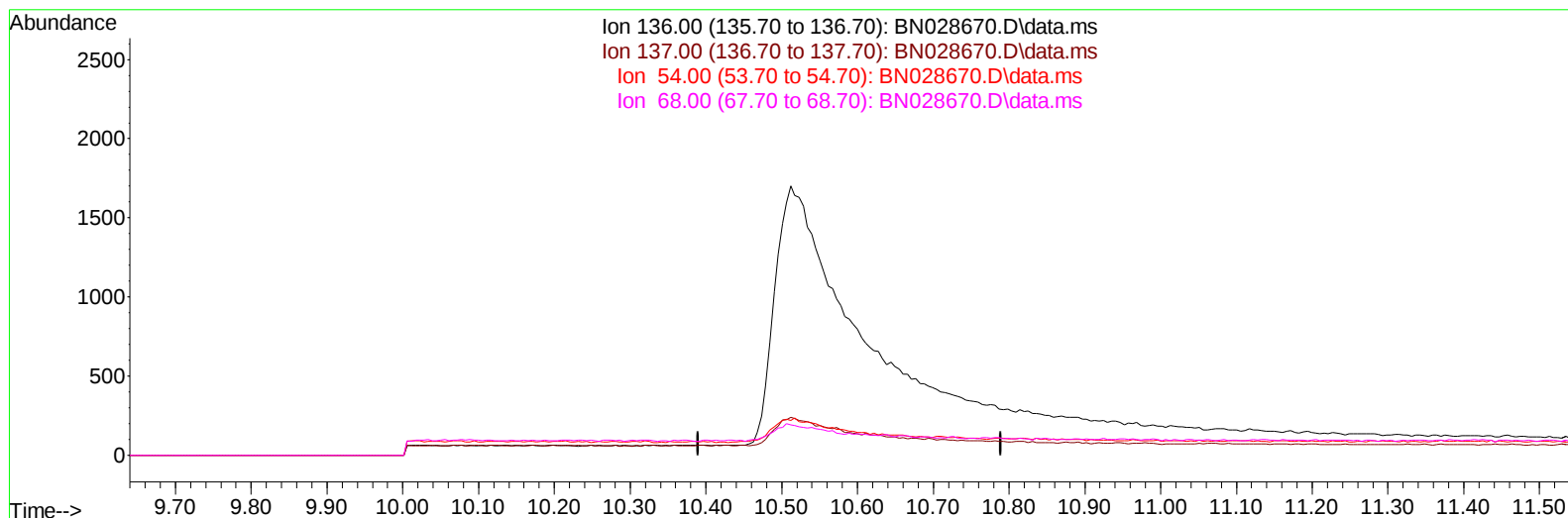
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TIC: BN028670.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-10.490) 0.00 ng/ul

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	11.20	0.00#
54.00	9.00	0.00#
68.00	7.10	0.00#

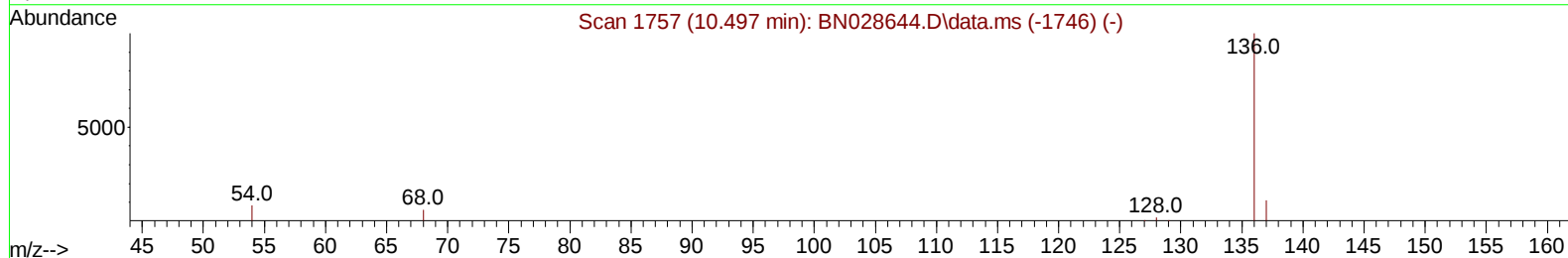
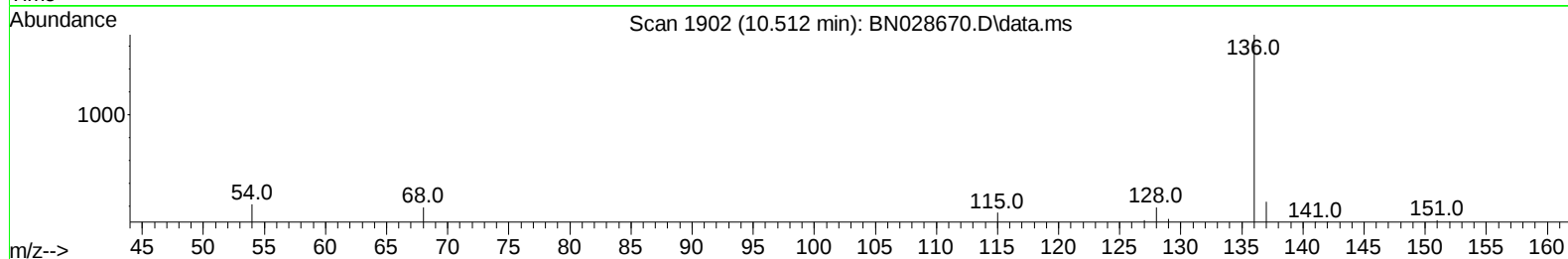
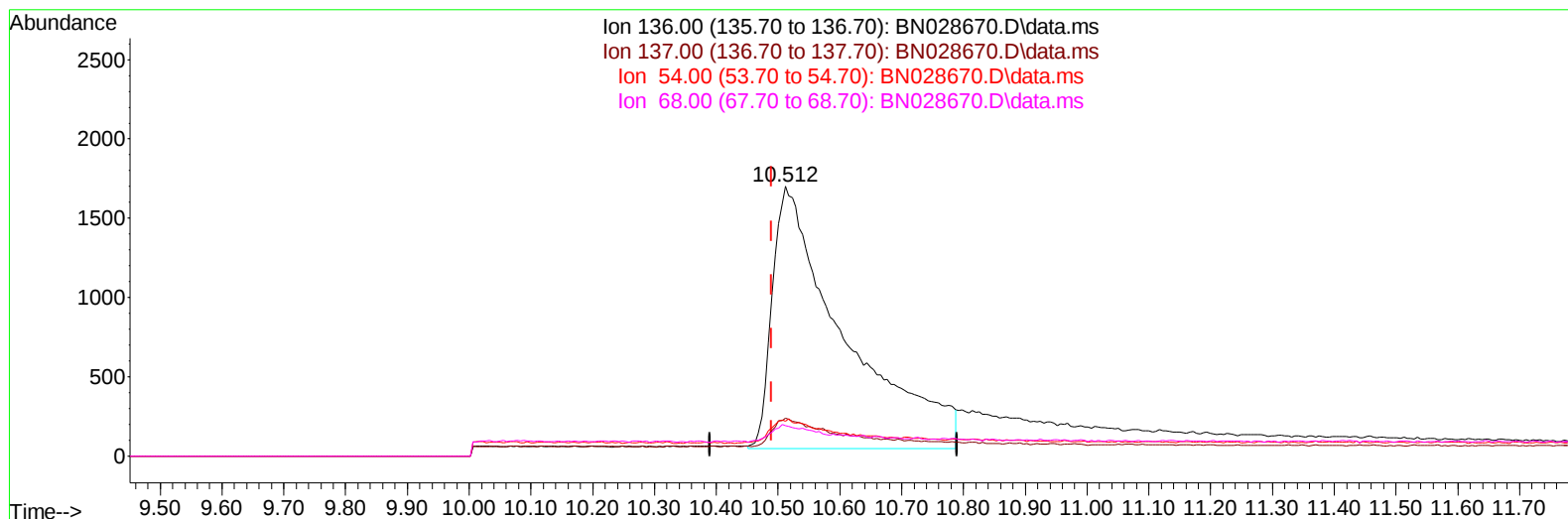
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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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TIC: BN028670.D\data.ms

(4) Naphthalene-d8 (I)

10.512min (+ 0.022) 0.40 ng/ul m

response 13324

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	14.12#
54.00	9.00	12.76#
68.00	7.10	11.18#

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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5556m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.512	136	13324m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.326	164	9323	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	12648	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.302	240	12396	0.400	ng/ul	# 0.00
23) Perylene-d12	23.588	264	12025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5718m	0.931	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	4209	0.210	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	21554	0.540	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	17344m	2.555	ng/ul	
5) Naphthalene	10.561	128	13234	0.354	ng/ul#	94
7) 2-Methylnaphthalene	12.200	142	4521	0.184	ng/ul	97
8) 1-Methylnaphthalene	12.376	142	9204	0.368	ng/ul	99
10) Acenaphthylene	14.053	152	19395	0.417	ng/ul	99
11) Acenaphthene	14.391	153	16411	0.479	ng/ul	98
12) Fluorene	15.404	166	13183	0.331	ng/ul	98
14) Pentachlorophenol	16.753	266	2637	0.869	ng/ul	100
15) Phenanthrene	17.137	178	20426	0.526	ng/ul	97
16) Anthracene	17.255	178	9989	0.280	ng/ul	94
19) Fluoranthene	19.151	202	27433	0.520	ng/ul	98
20) Pyrene	19.513	202	31799	0.582	ng/ul	96
21) Benzo(a)anthracene	21.288	228	15212	0.310	ng/ul	100
22) Chrysene	21.337	228	21397	0.447	ng/ul	99
24) Benzo(b)fluoranthene	22.892	252	19823	0.439	ng/ul	89
25) Benzo(k)fluoranthene	22.942	252	24722	0.523	ng/ul#	91
26) Benzo(a)pyrene	23.491	252	20685	0.486	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.938	276	25358	0.536	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.965	278	18559	0.491	ng/ul#	93
29) Benzo(g,h,i)perylene	26.642	276	23484	0.606	ng/ul	96

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

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