

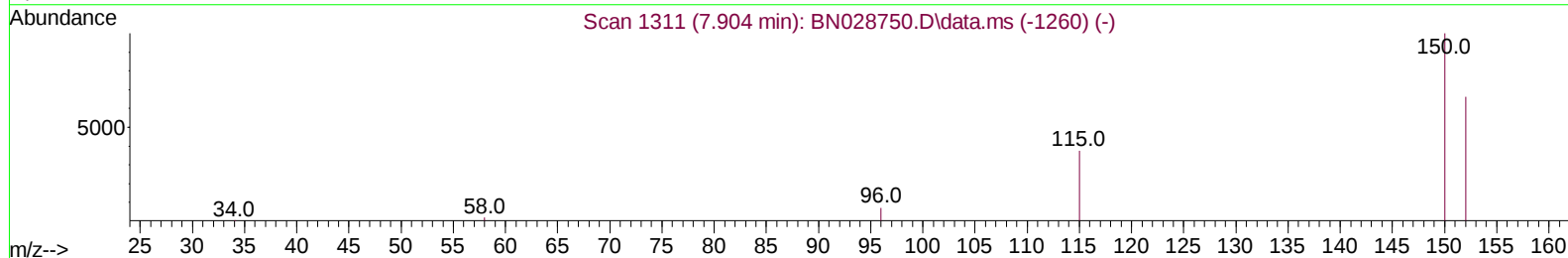
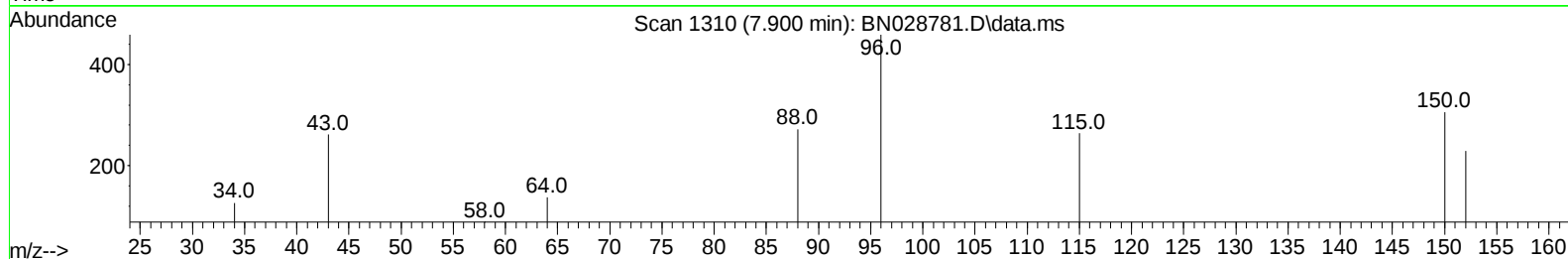
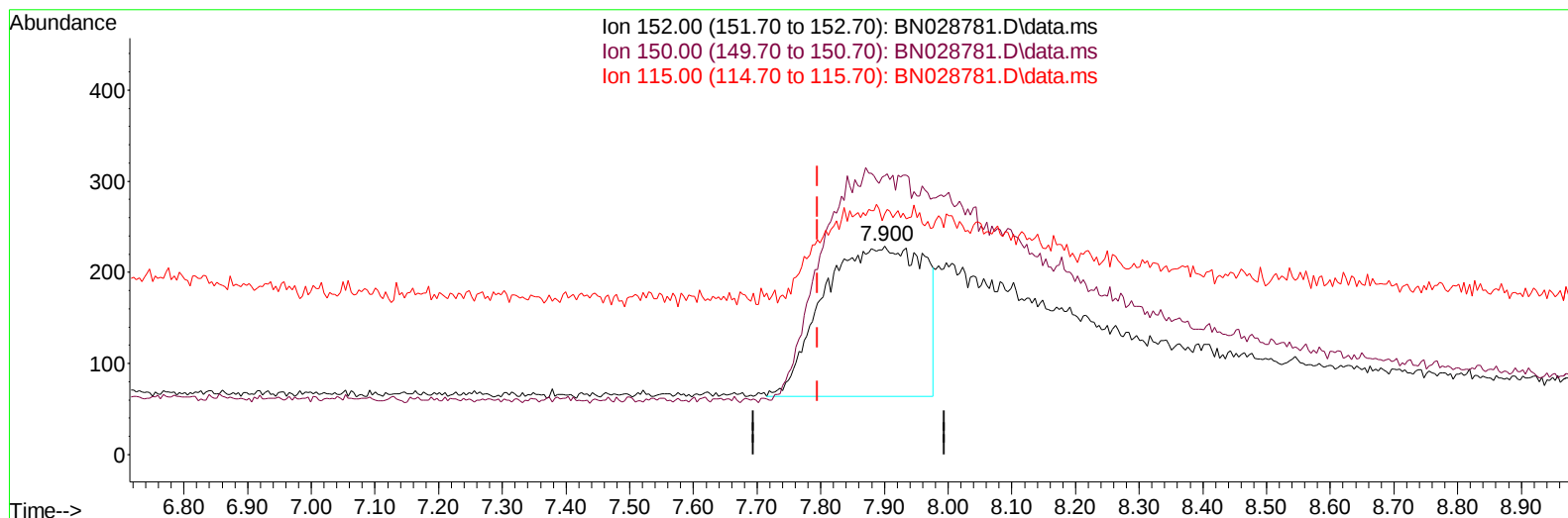
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028781.D
 Acq On : 19 Nov 2023 17:39
 Operator : MA/JU
 Sample : PB157224BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS224

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:32:22 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 : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

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



TIC: BN028781.D\data.ms

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

7.900min (+ 0.105) 0.40 ng/u1

response 1801

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	133.62
115.00	62.20	115.28#
0.00	0.00	0.00

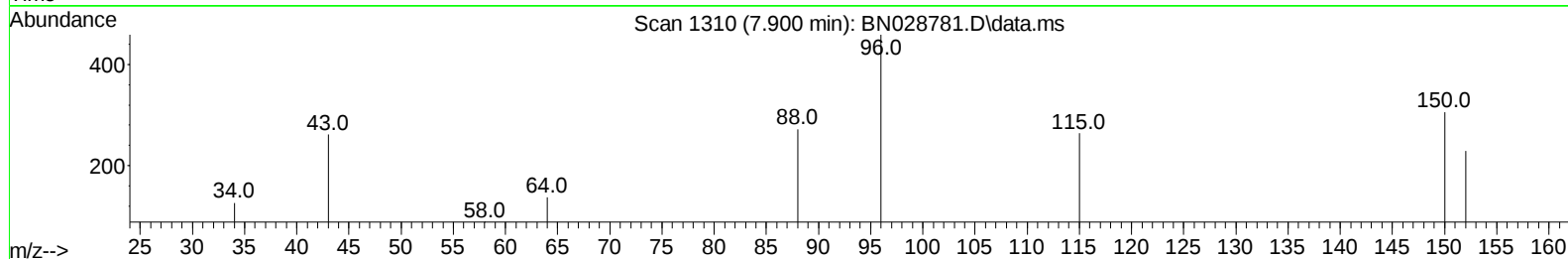
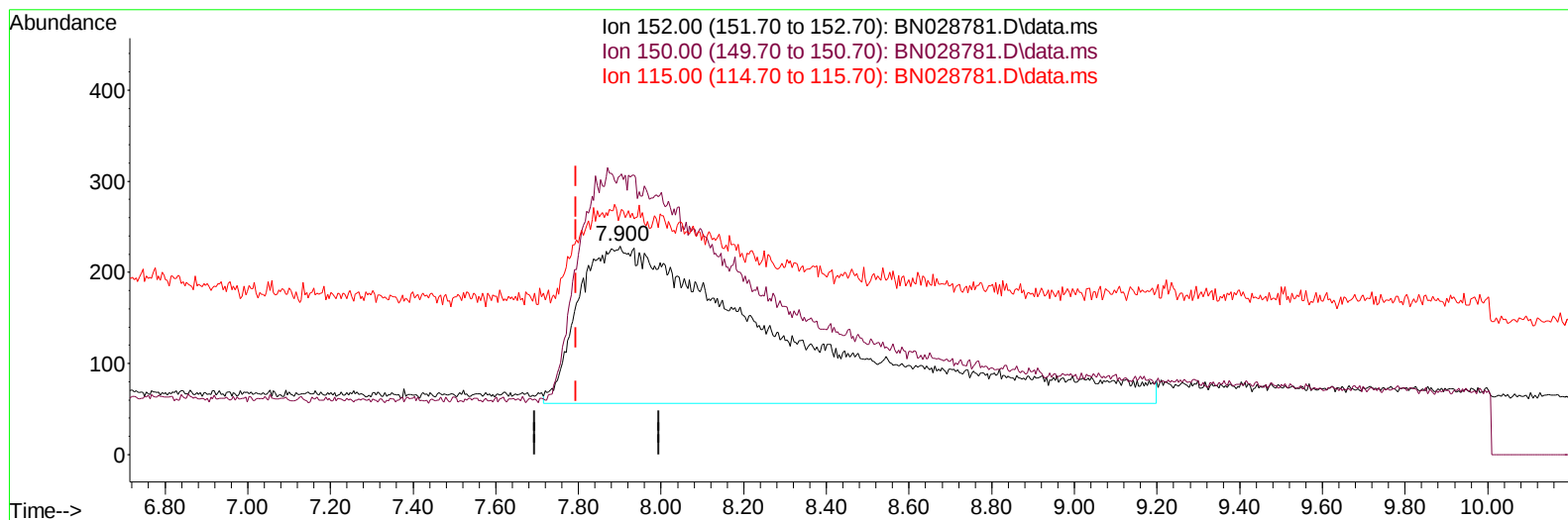
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(1) 1,4-Dichlorobenzene-d4 (I)

7.900min (+ 0.105) 0.40 ng/ul m

response 6127

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	133.62
115.00	62.20	115.28#
0.00	0.00	0.00

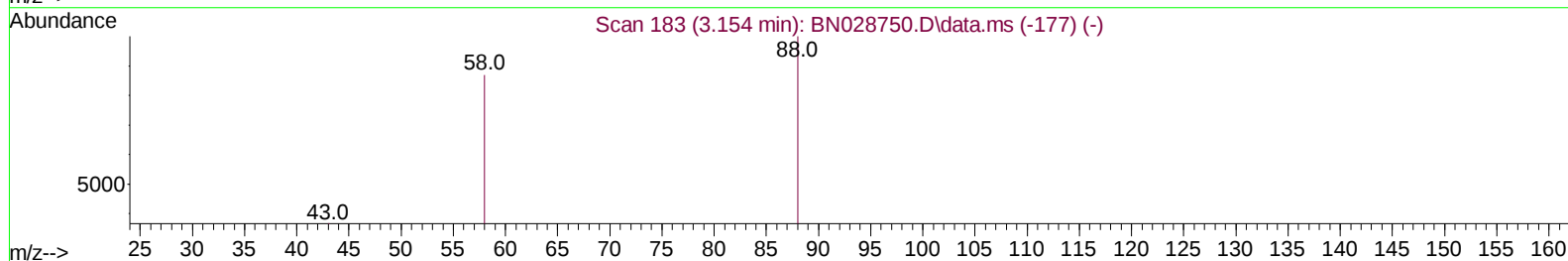
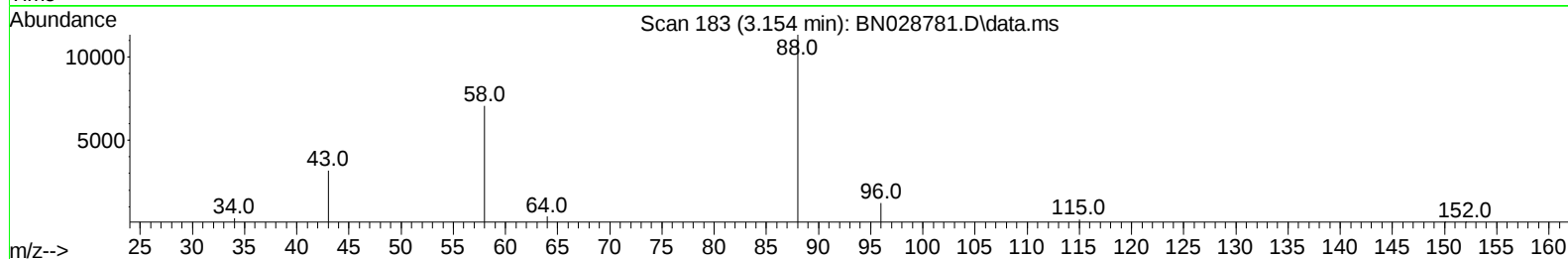
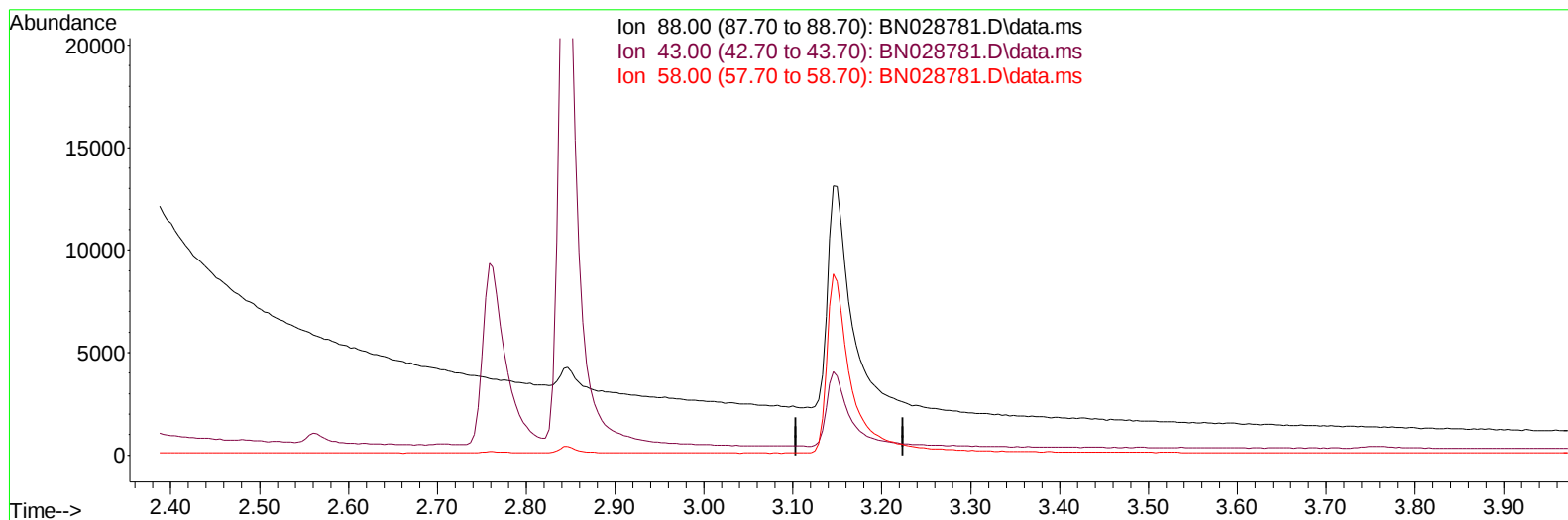
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TIC: BN028781.D\data.ms

(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

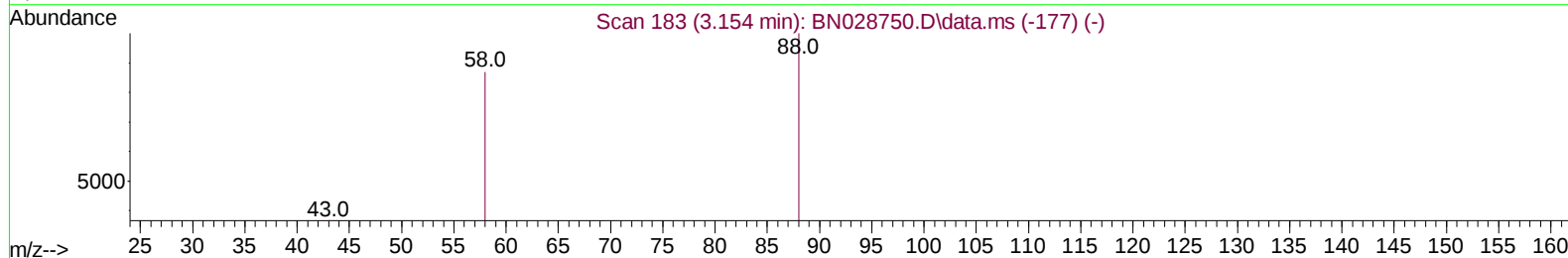
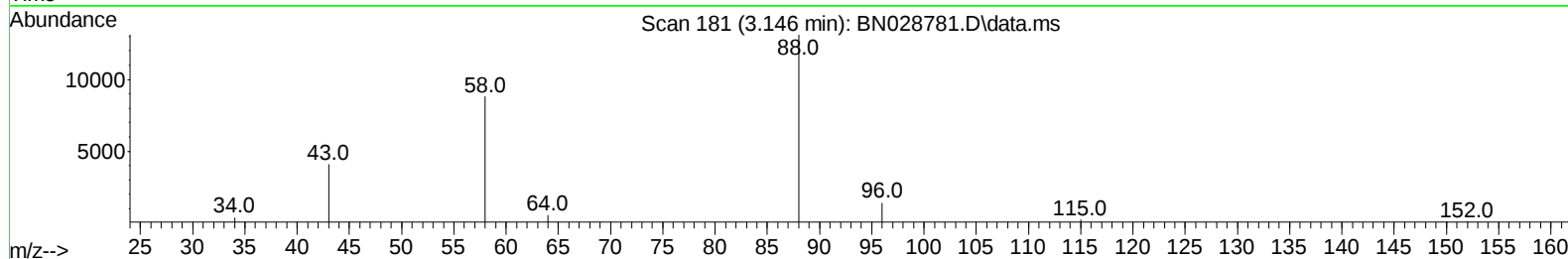
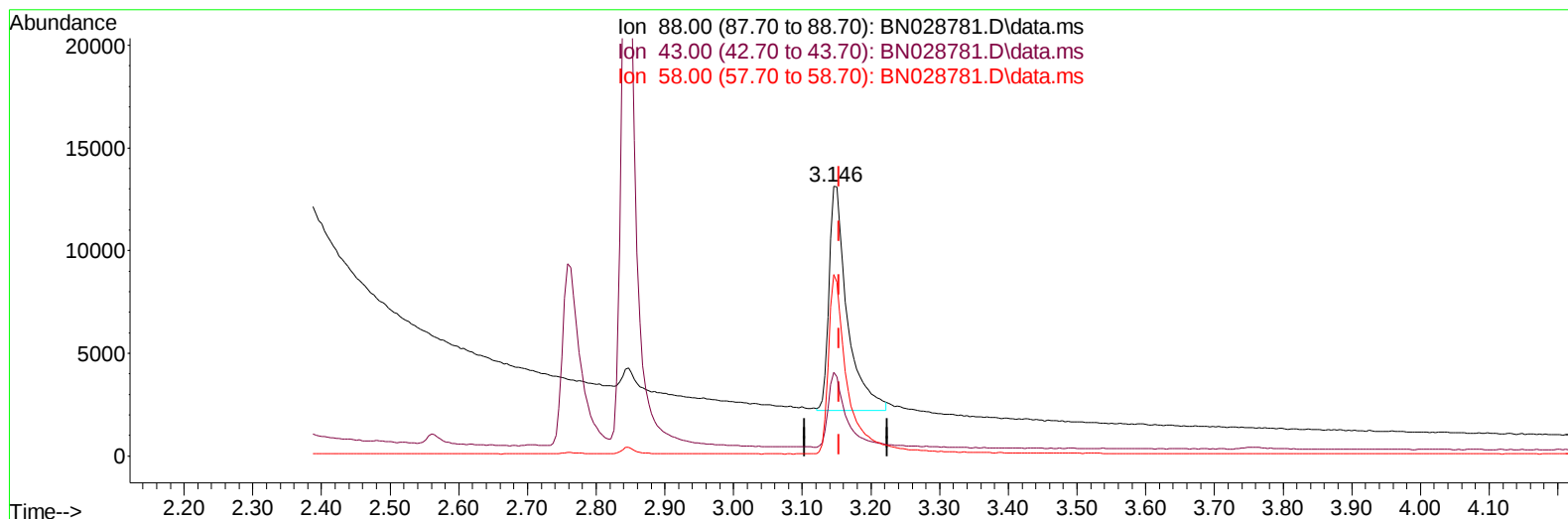
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TIC: BN028781.D\data.ms

(2) 1,4-Dioxane

3.146min (-0.008) 2.66 ng/ul m

response 19938

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	31.13#
58.00	52.30	67.28#
0.00	0.00	0.00

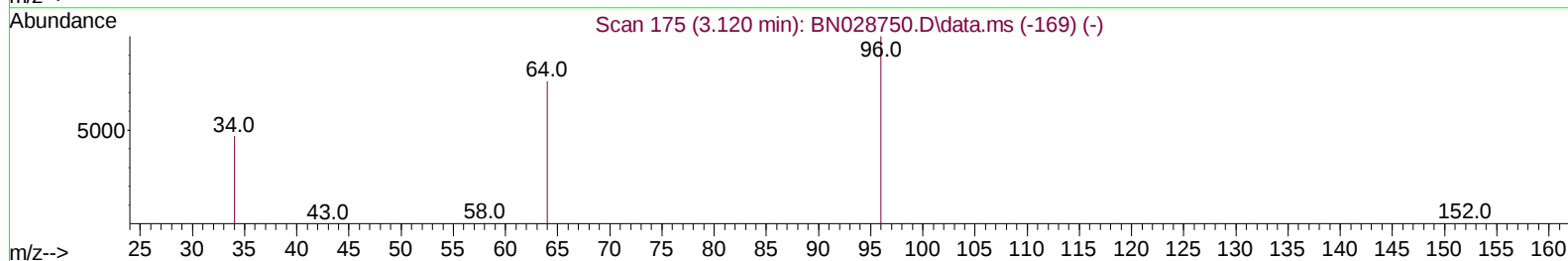
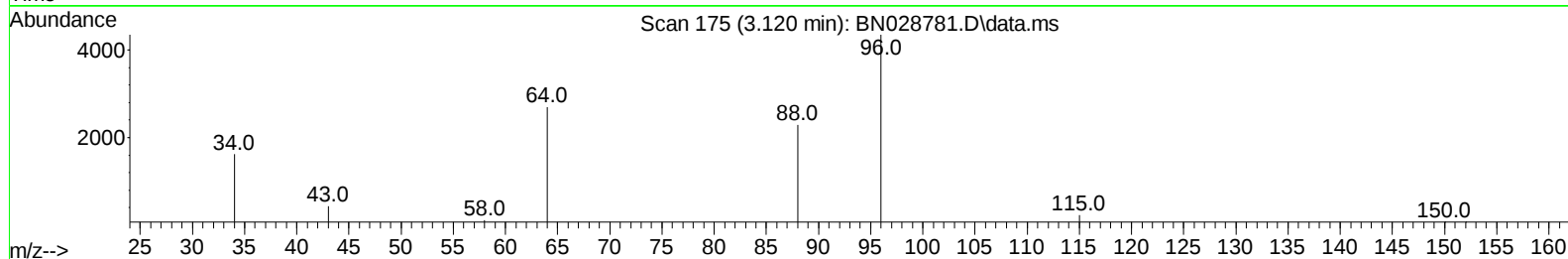
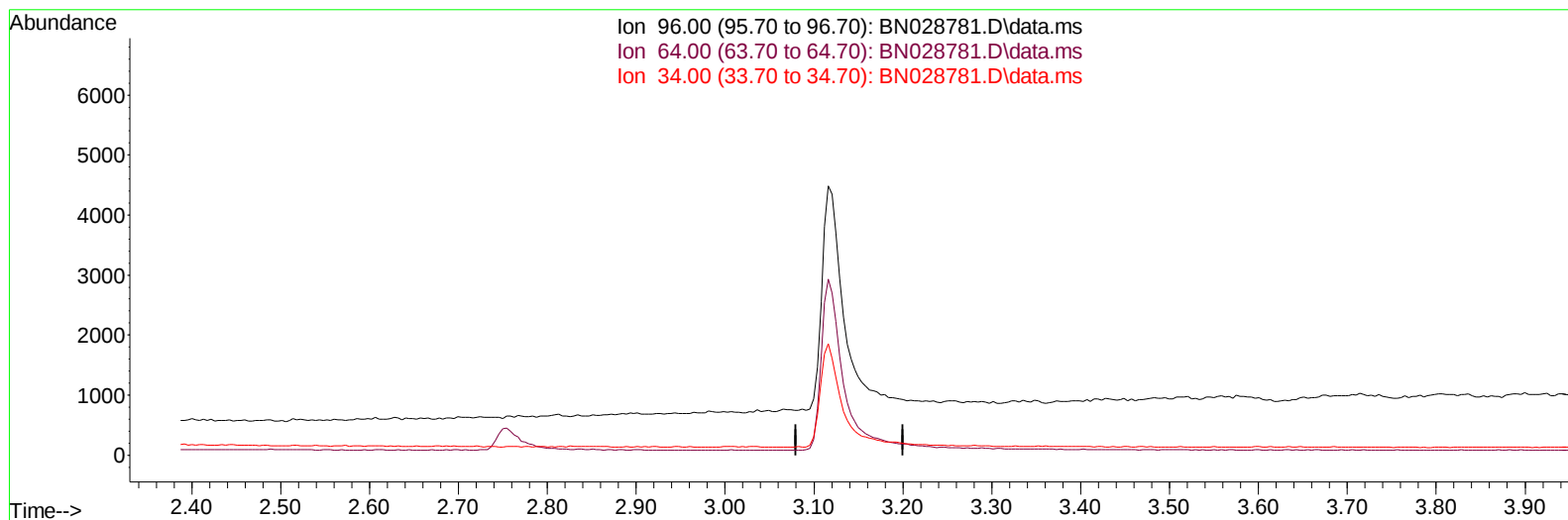
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TIC: BN028781.D\data.ms

(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

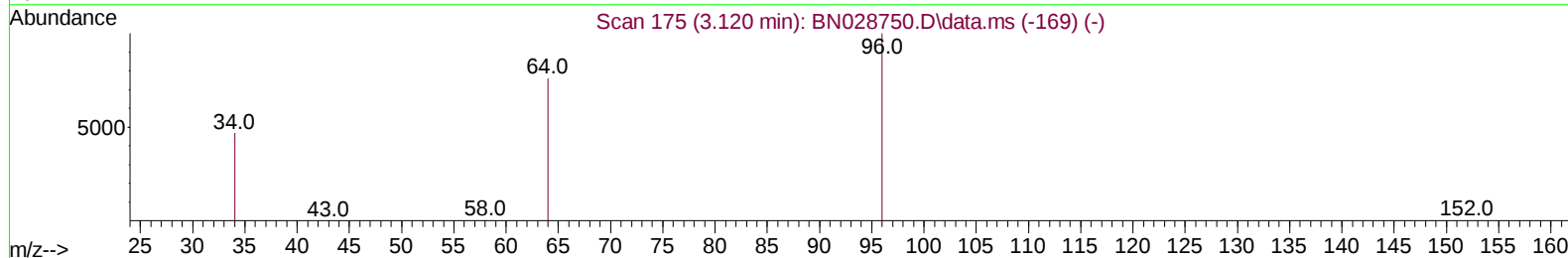
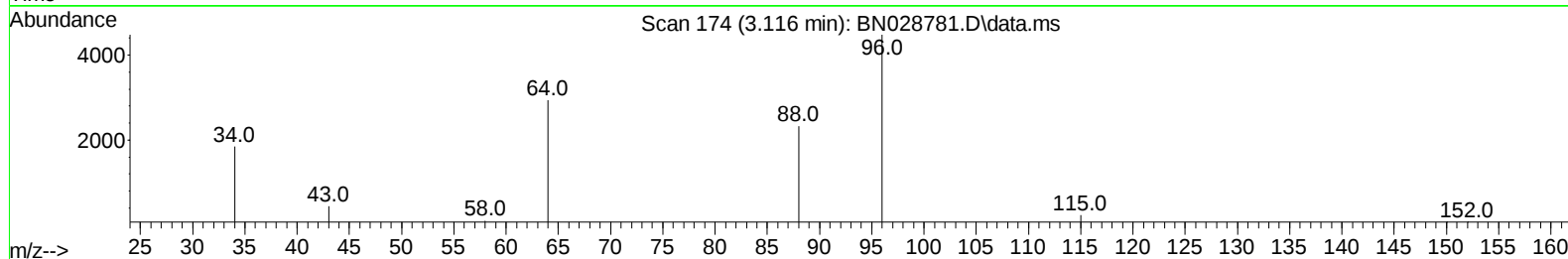
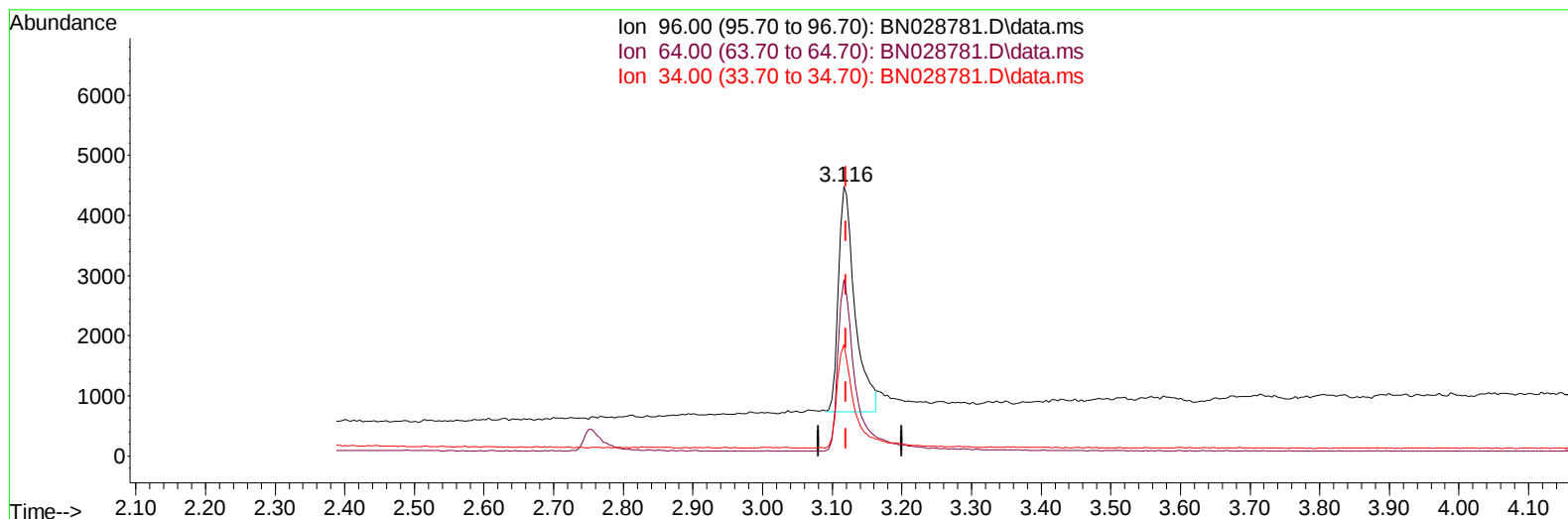
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028781.D
Acq On : 19 Nov 2023 17:39
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Sample : PB157224BS
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN028781.D\data.ms

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

3.116min (-0.004) 0.91 ng/ul m

response 6171

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	65.45
34.00	38.60	41.29
0.00	0.00	0.00

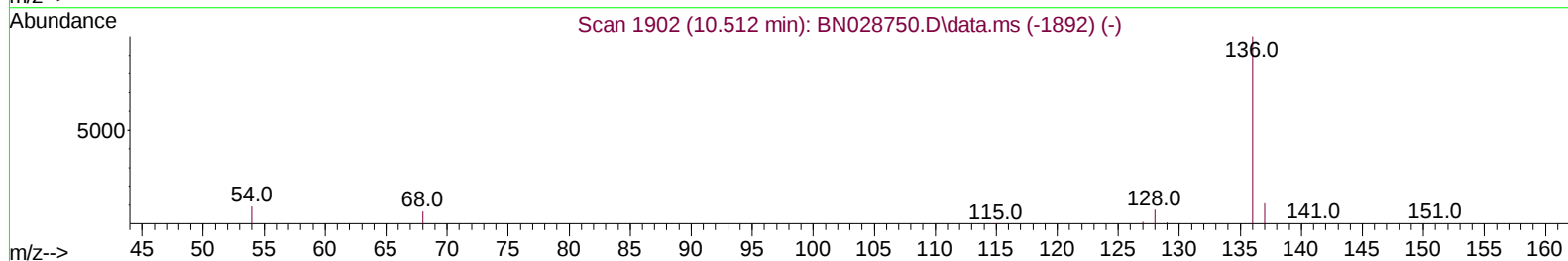
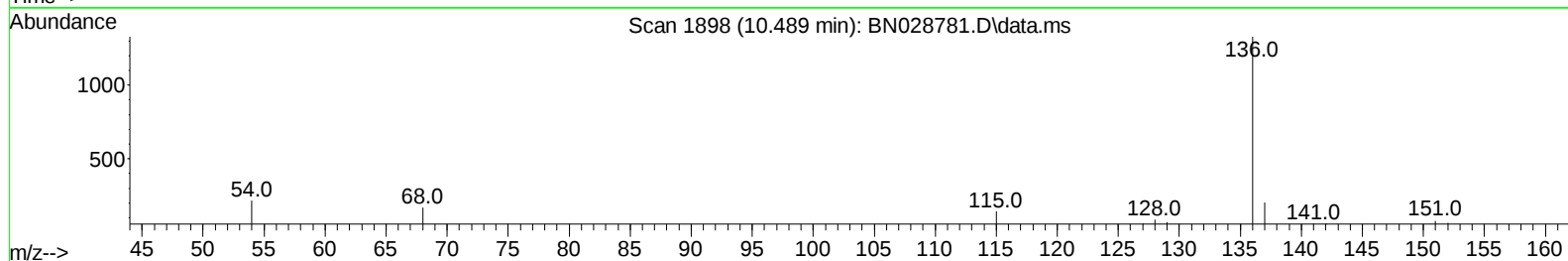
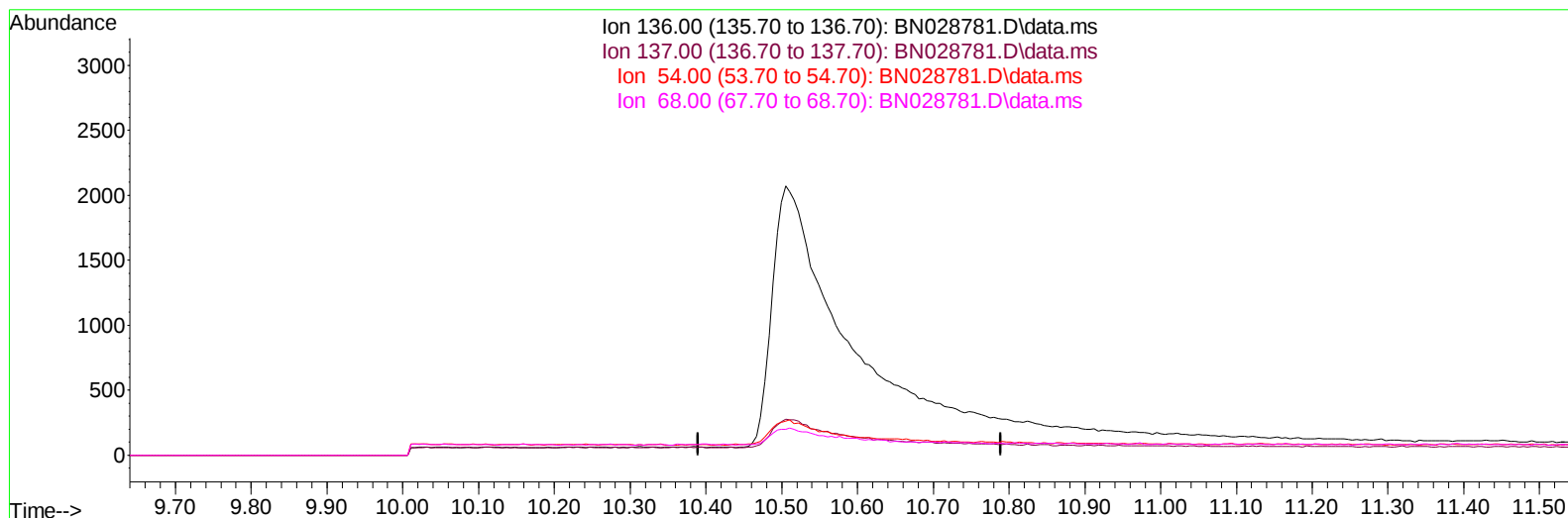
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TIC: BN028781.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-10.490) 0.00 ng/u1

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#

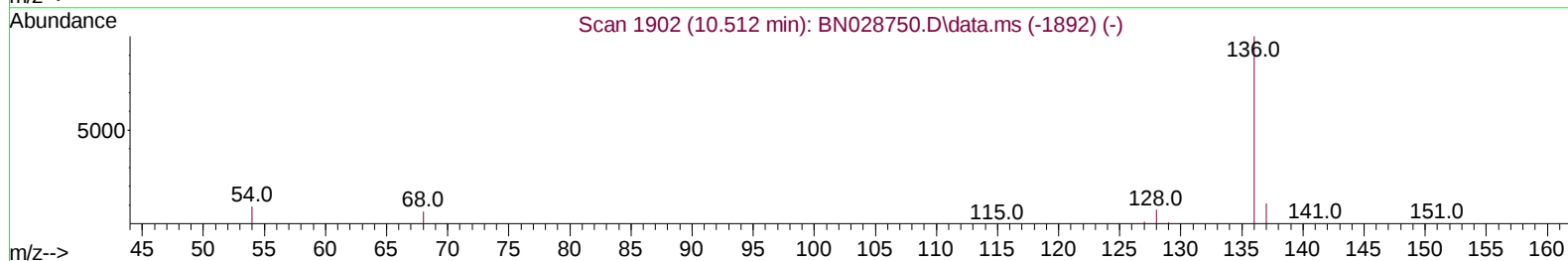
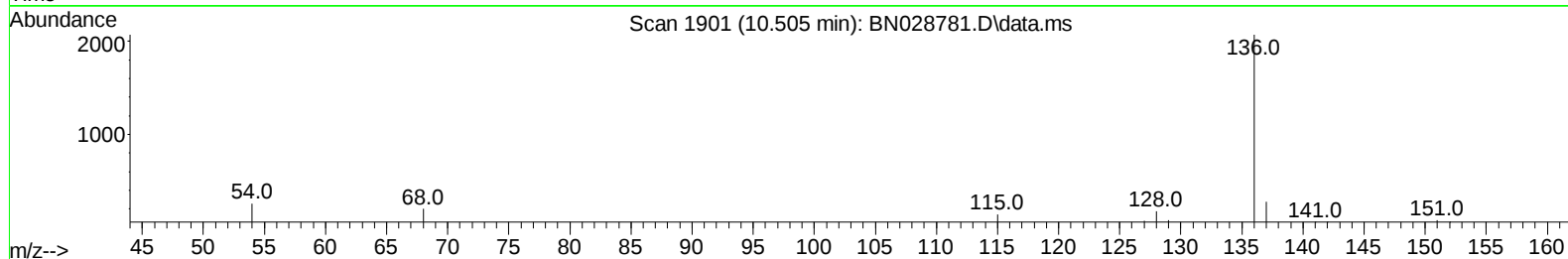
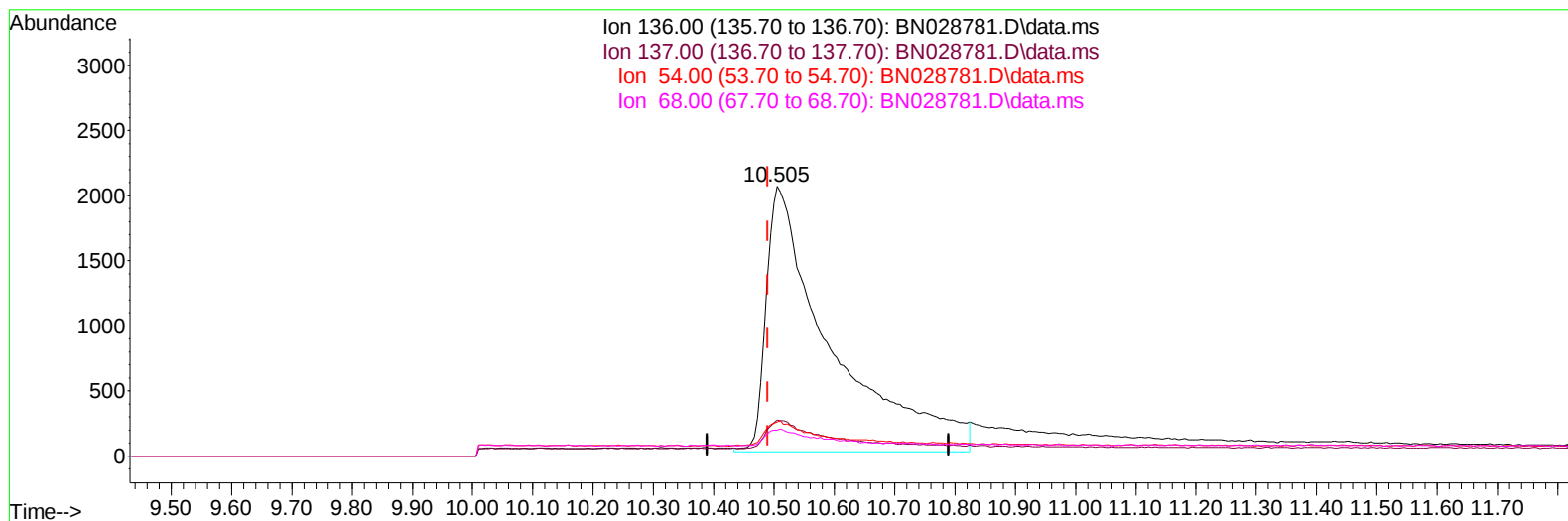
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 Sample : PB157224BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028781.D\data.ms

(4) Naphthalene-d8 (I)

10.505min (+ 0.015) 0.40 ng/ul m

response 15227

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.24
54.00	9.00	12.56#
68.00	7.10	9.66#

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 Operator : MA/JU
 Sample : PB157224BS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6127m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.505	136	15227m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.324	164	9253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.093	188	13595	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.294	240	11454	0.400	ng/ul	# 0.00
23) Perylene-d12	23.576	264	10296	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	6171m	0.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.127	152	6010	0.262	ng/ul	0.02
18) Fluoranthene-d10	19.116	212	23627	0.641	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	19938m	2.664	ng/ul	
5) Naphthalene	10.555	128	18038	0.423	ng/ul	96
7) 2-Methylnaphthalene	12.193	142	6864	0.244	ng/ul	97
8) 1-Methylnaphthalene	12.369	142	11457	0.401	ng/ul	99
10) Acenaphthylene	14.046	152	23703	0.513	ng/ul	98
11) Acenaphthene	14.384	153	19548	0.575	ng/ul	98
12) Fluorene	15.397	166	17161	0.434	ng/ul	99
14) Pentachlorophenol	16.742	266	3224	0.988	ng/ul	99
15) Phenanthrene	17.131	178	26188	0.627	ng/ul	98
16) Anthracene	17.240	178	14248	0.372	ng/ul	95
19) Fluoranthene	19.148	202	31649	0.650	ng/ul	98
20) Pyrene	19.511	202	36204	0.717	ng/ul	96
21) Benzo(a)anthracene	21.282	228	18195	0.402	ng/ul	98
22) Chrysene	21.329	228	26060	0.589	ng/ul	99
24) Benzo(b)fluoranthene	22.884	252	21821	0.565	ng/ul	89
25) Benzo(k)fluoranthene	22.930	252	26984	0.667	ng/ul	94
26) Benzo(a)pyrene	23.480	252	22849	0.626	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.926	276	26853	0.663	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.952	278	20402	0.631	ng/ul	95
29) Benzo(g,h,i)perylene	26.630	276	24015	0.724	ng/ul	97

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

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