

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028669.D
 Acq On : 16 Nov 2023 18:10
 Operator : MA/JU
 Sample : PB157172BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS172

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:40:52 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

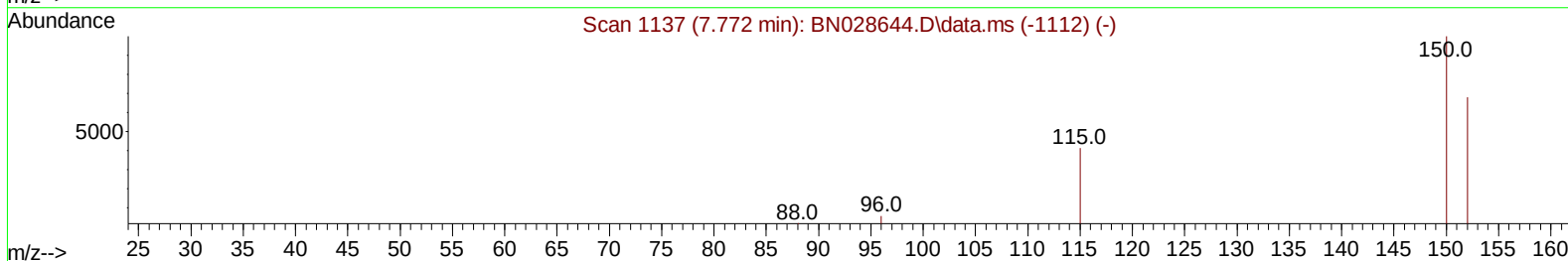
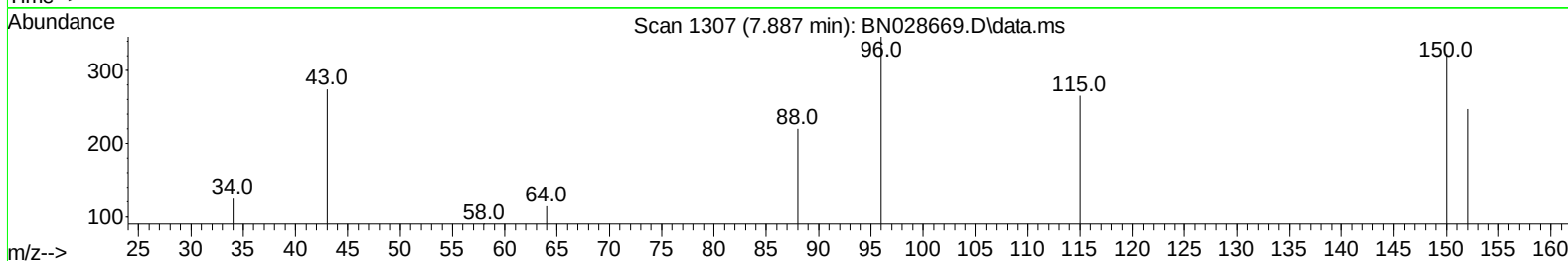
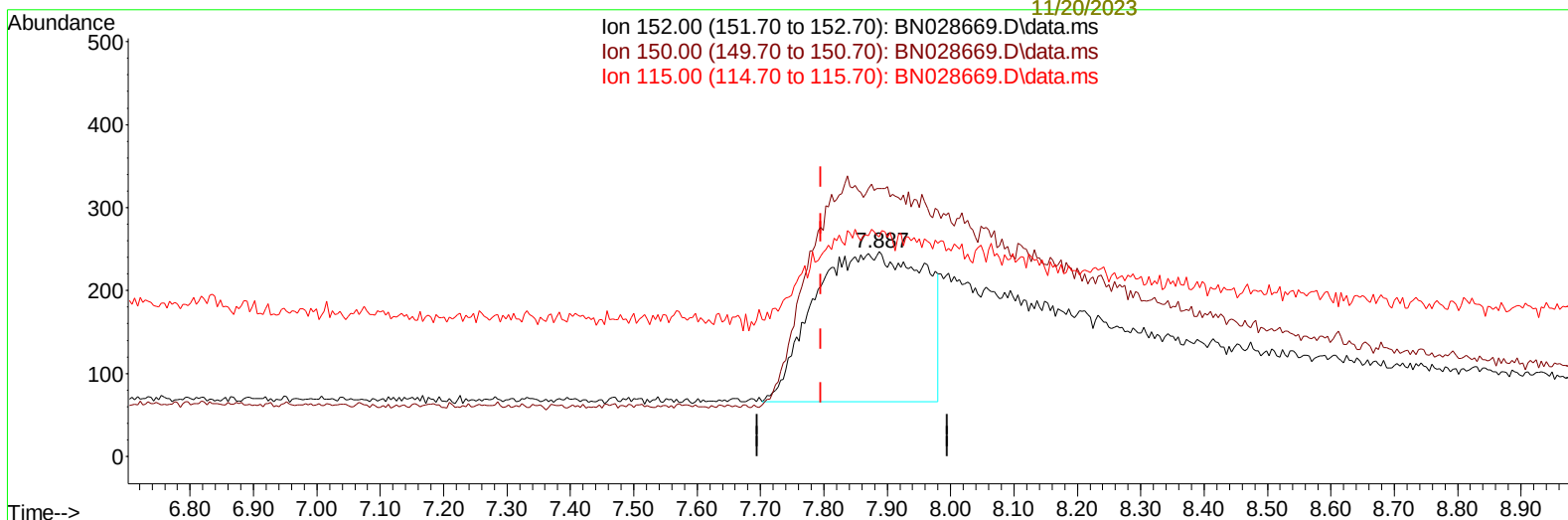
11/17/2023

Supervised By :mohammad

ahmed

11/20/2023

Ion 152.00 (151.70 to 152.70): BN028669.D\data.ms
 Ion 150.00 (149.70 to 150.70): BN028669.D\data.ms
 Ion 115.00 (114.70 to 115.70): BN028669.D\data.ms



TIC: BN028669.D\data.ms

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

7.887min (+ 0.092) 0.40 ng/ul

response 2190

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	130.77
115.00	62.20	107.29#
0.00	0.00	0.00

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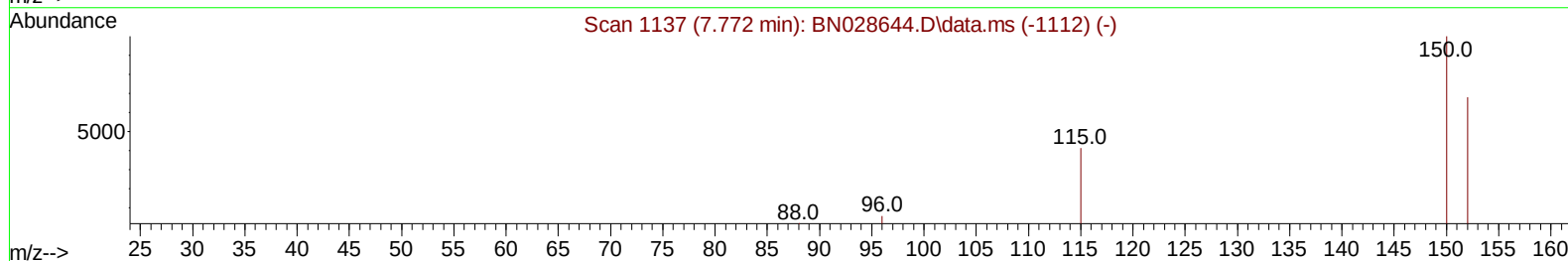
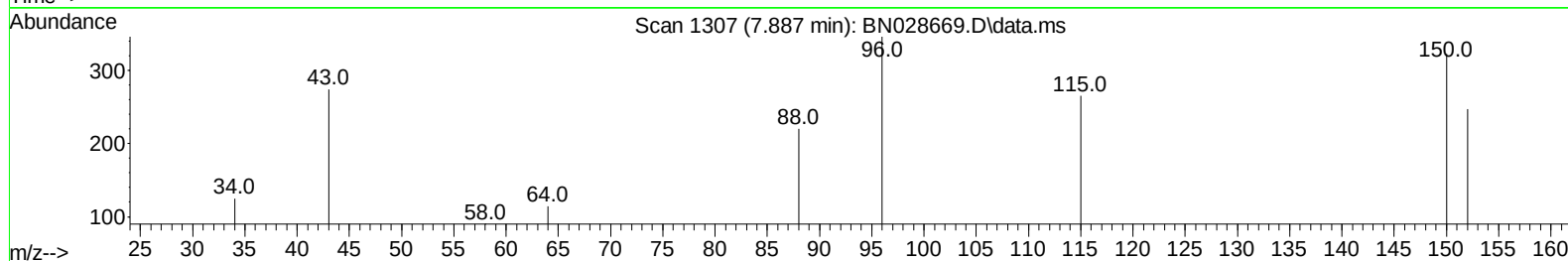
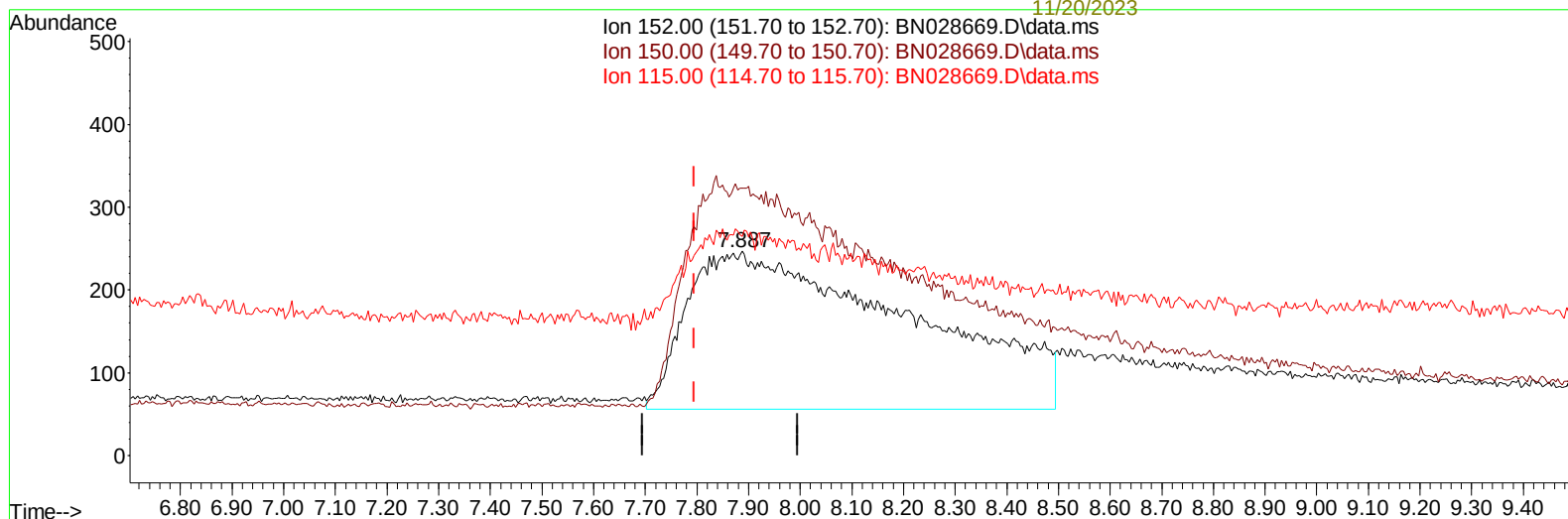
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Supervised By :mohammad

ahmed

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Ion 150.00 (149.70 to 150.70): BN028669.D\data.ms
Ion 115.00 (114.70 to 115.70): BN028669.D\data.ms



TIC: BN028669.D\data.ms

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

7.887min (+ 0.092) 0.40 ng/ul m

response 5720

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	130.77
115.00	62.20	107.29#
0.00	0.00	0.00

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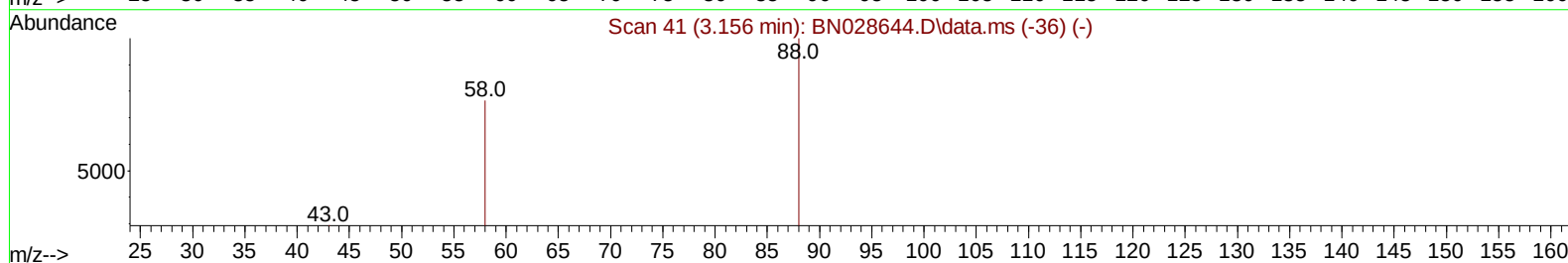
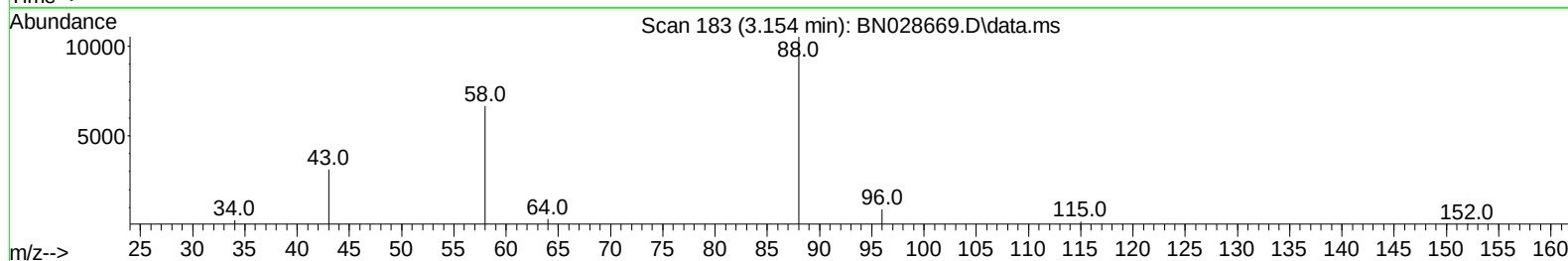
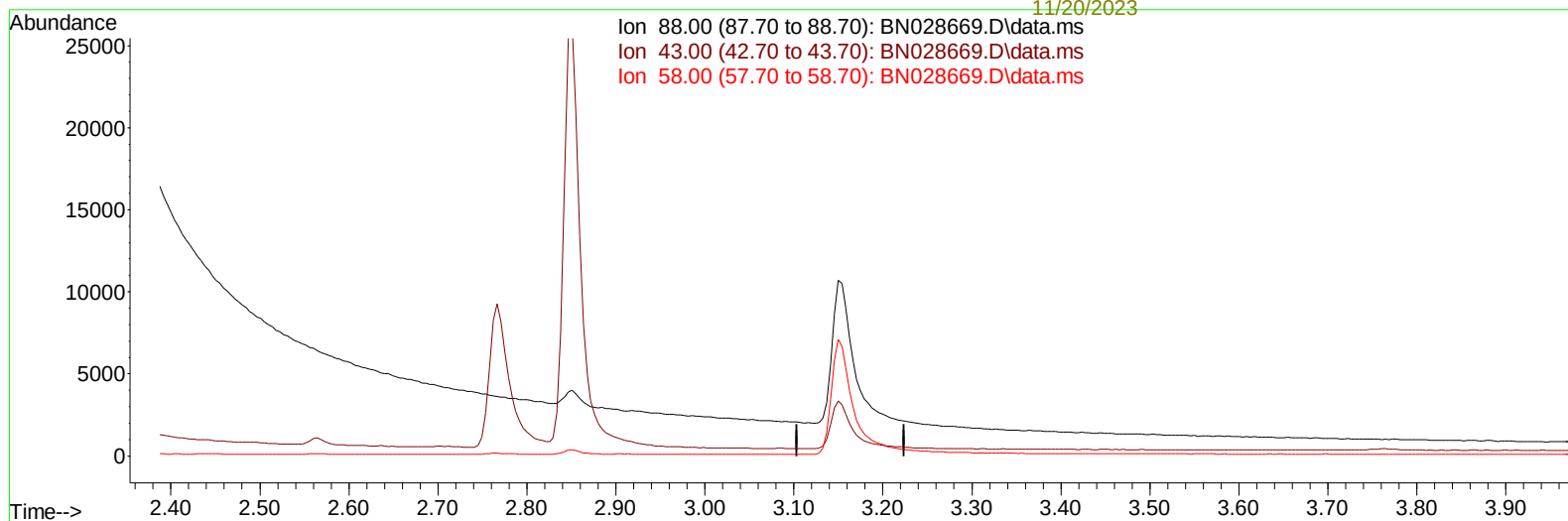
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TIC: BN028669.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 0.00 ng/ul

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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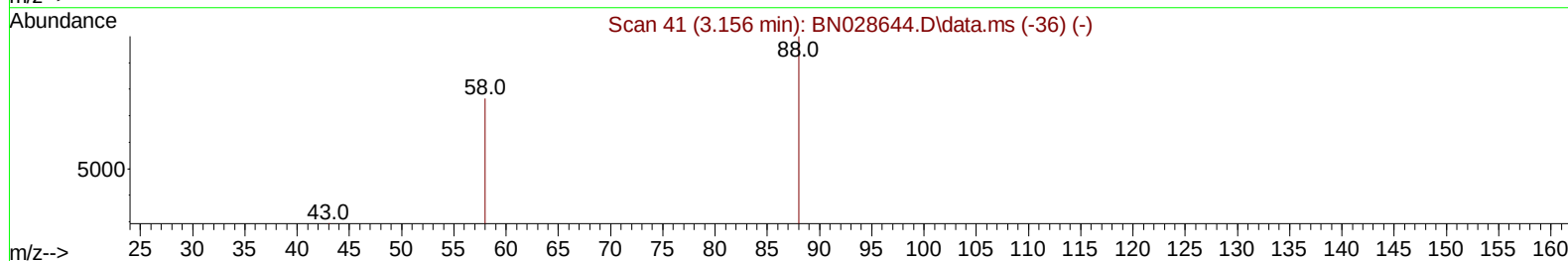
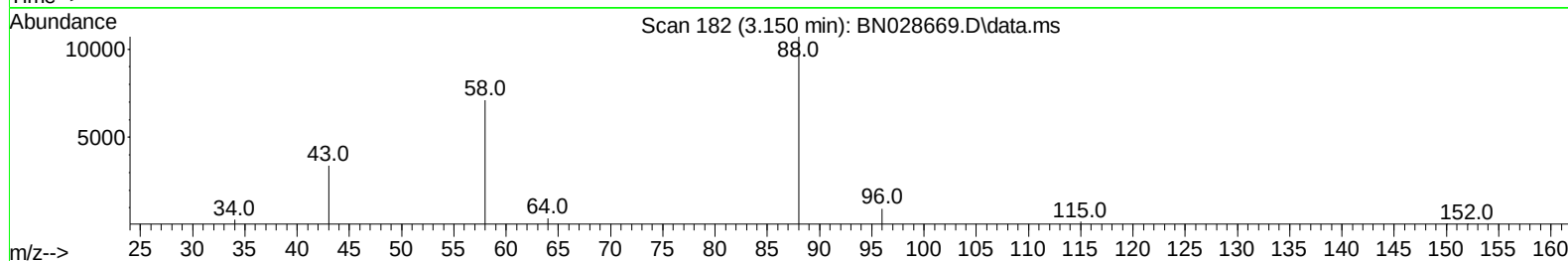
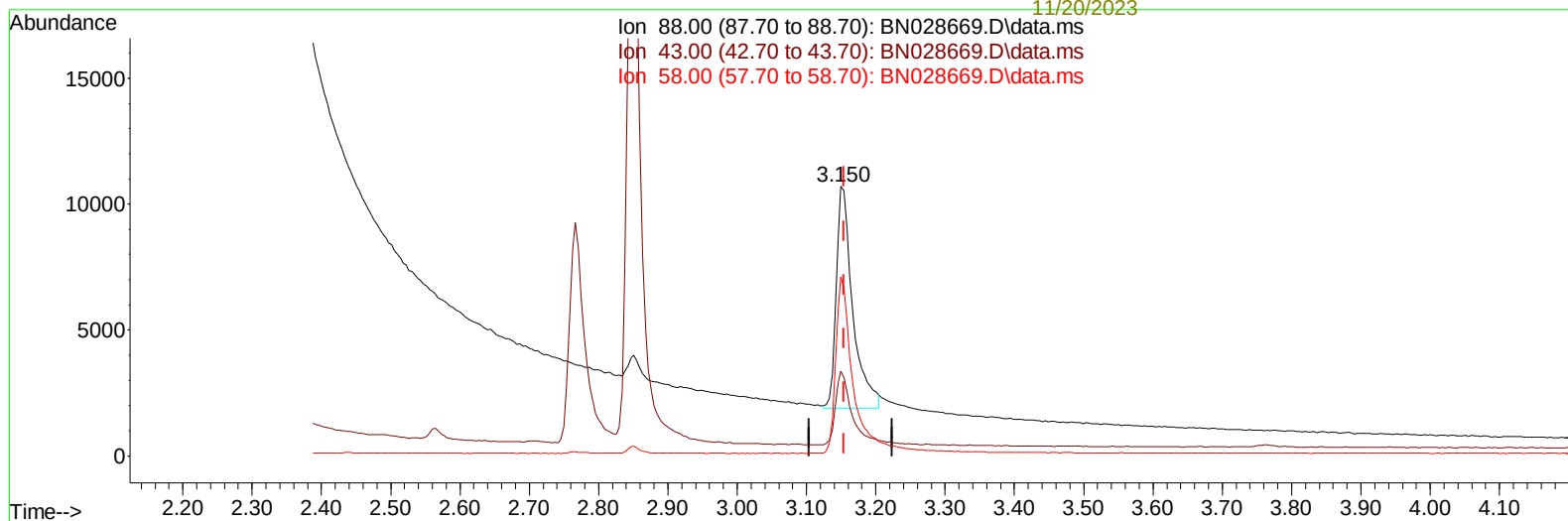
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TIC: BN028669.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.09 ng/ul m

response 14582

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	31.49#
58.00	52.30	66.37#
0.00	0.00	0.00

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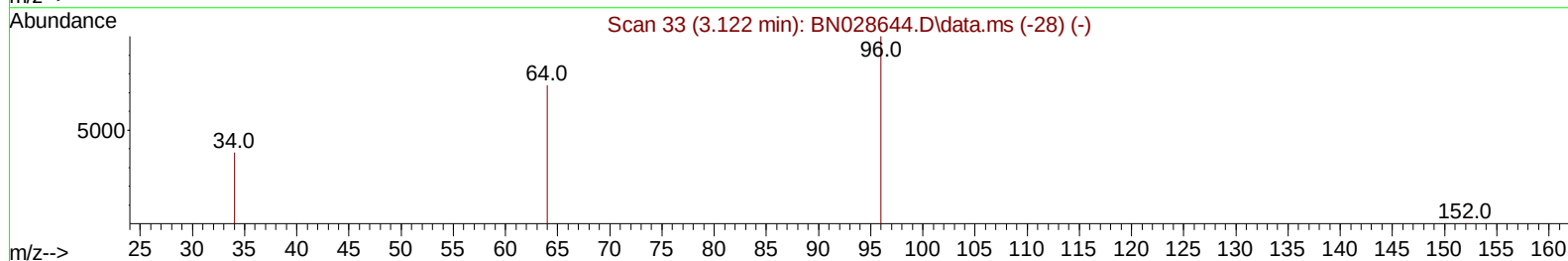
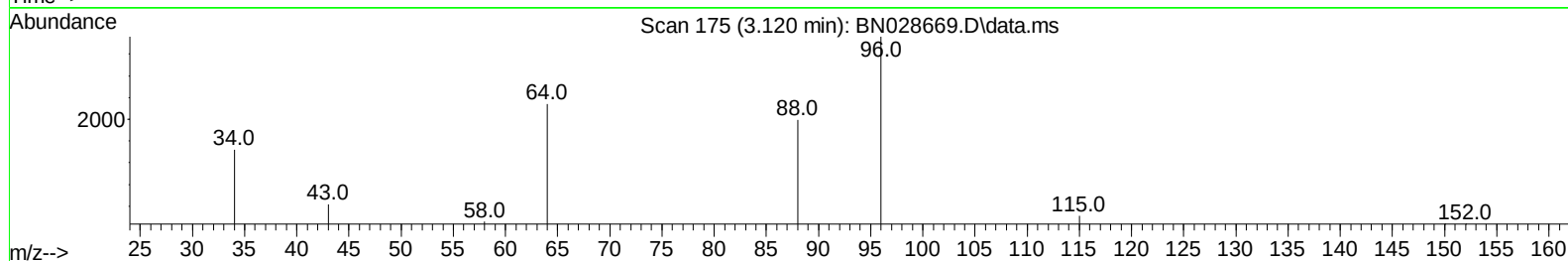
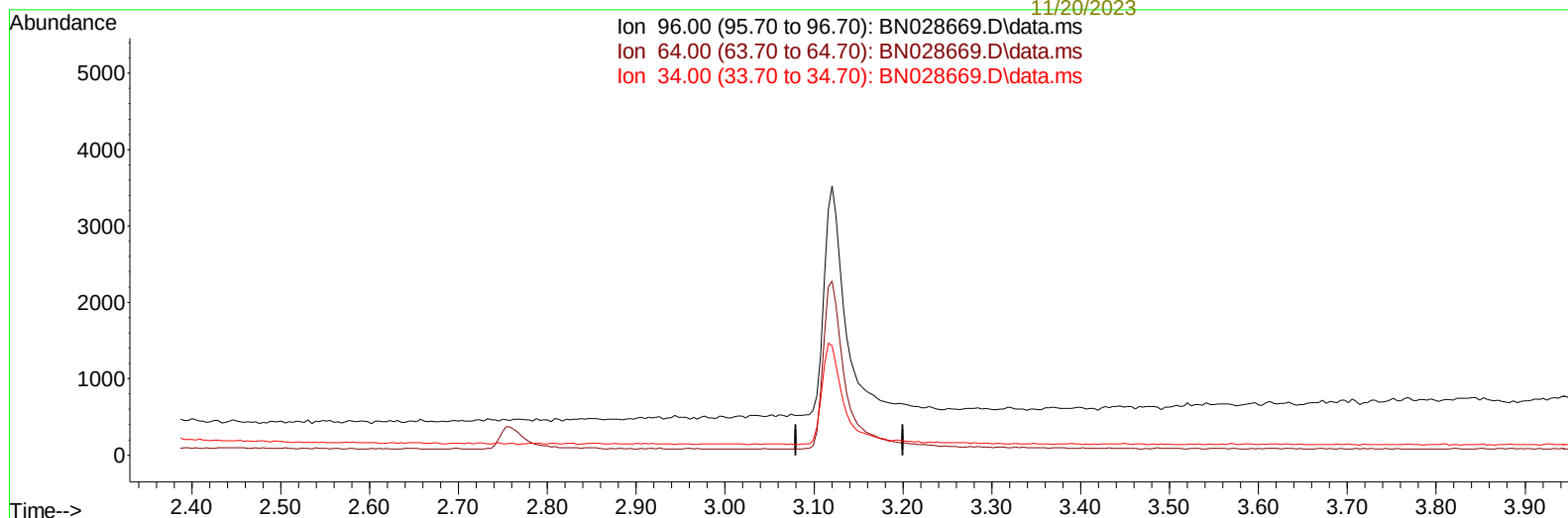
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TIC: BN028669.D\data.ms

(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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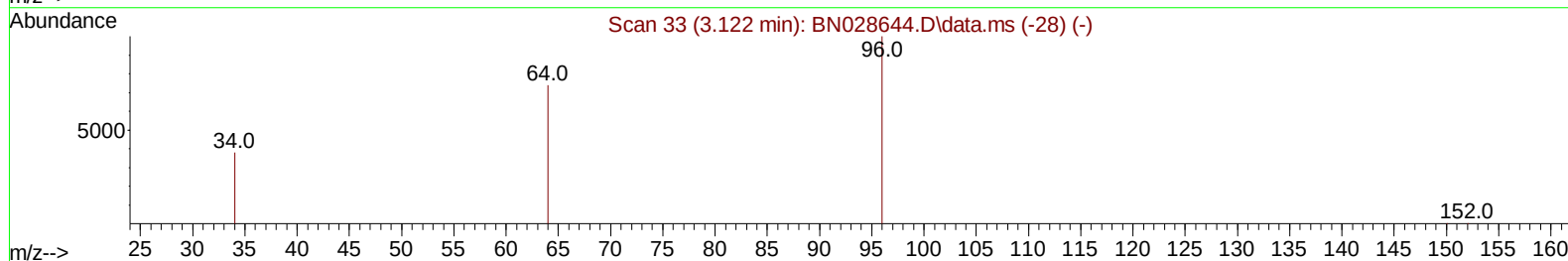
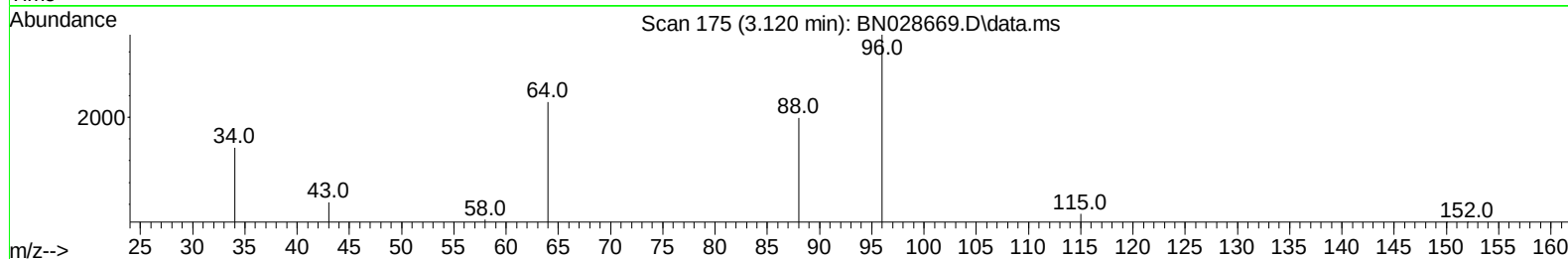
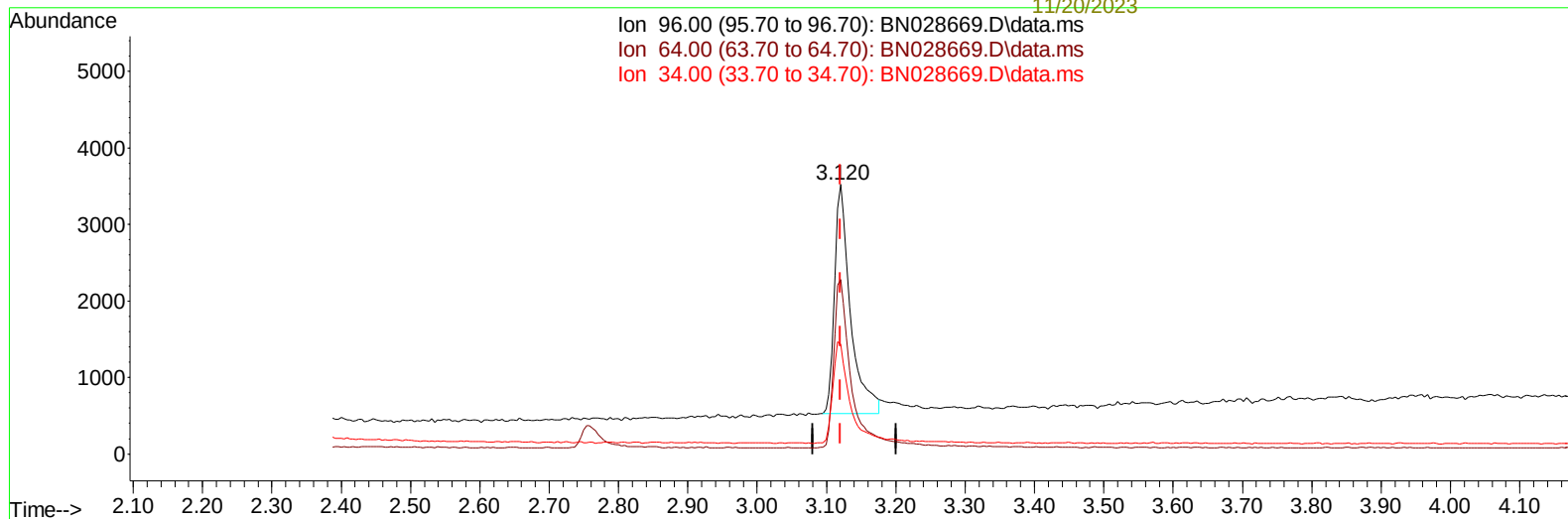
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TIC: BN028669.D\data.ms

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

3.120min (-0.000) 0.76 ng/ul m

response 4796

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	64.70
34.00	38.60	40.73
0.00	0.00	0.00

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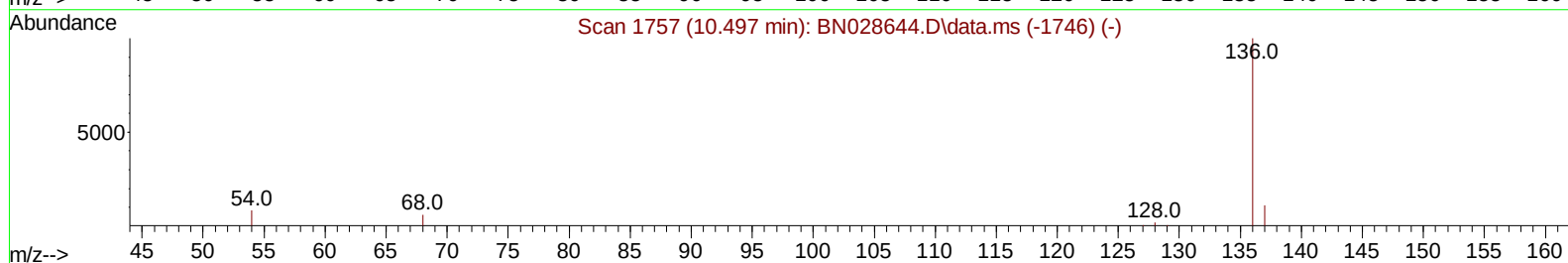
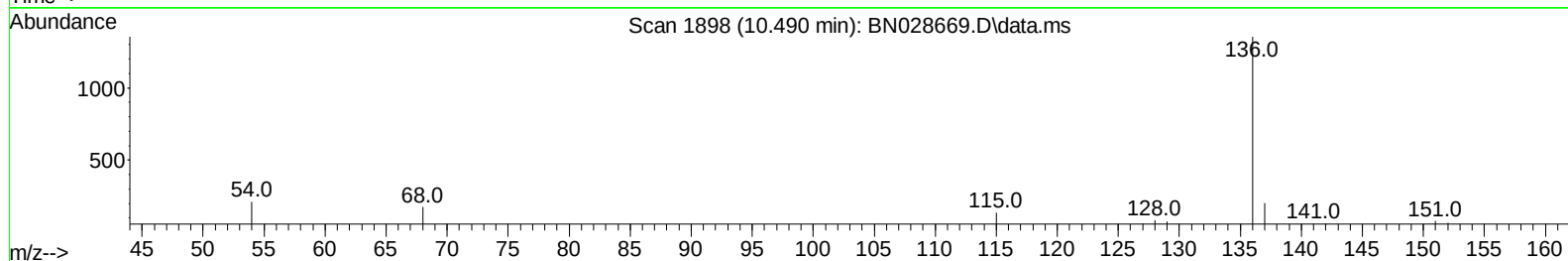
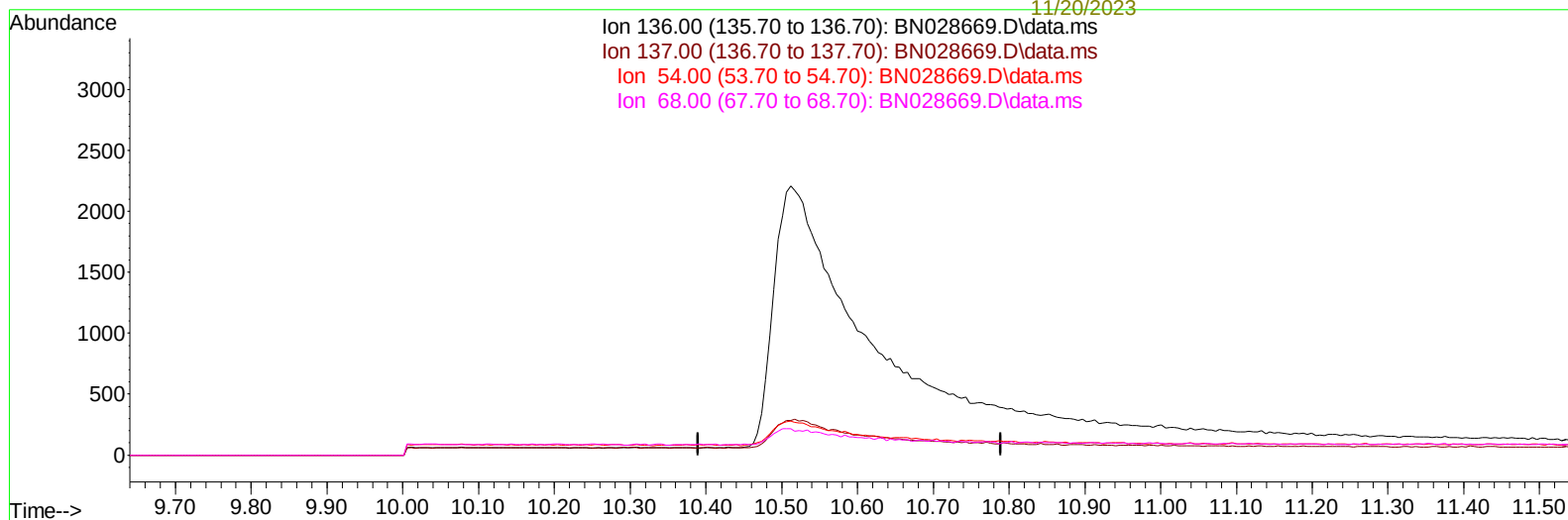
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TIC: BN028669.D\data.ms

(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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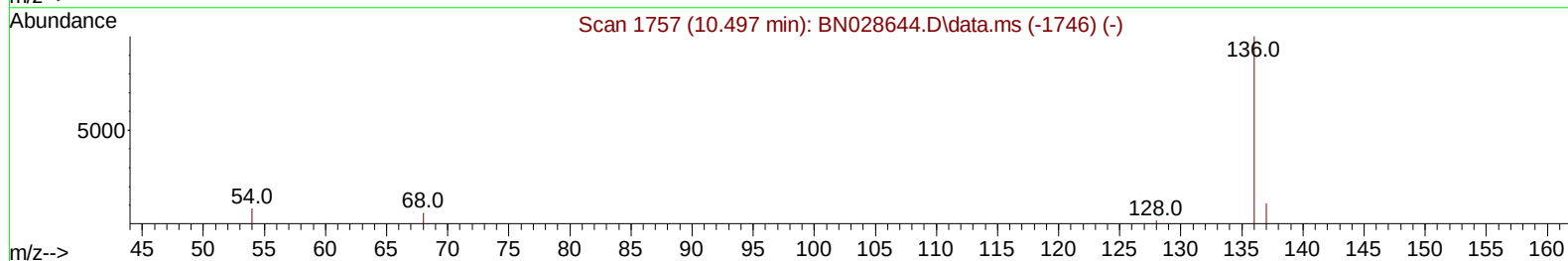
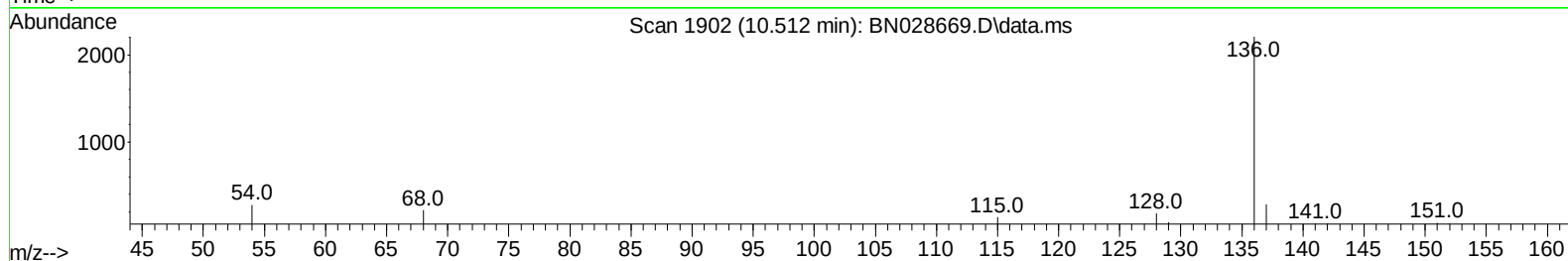
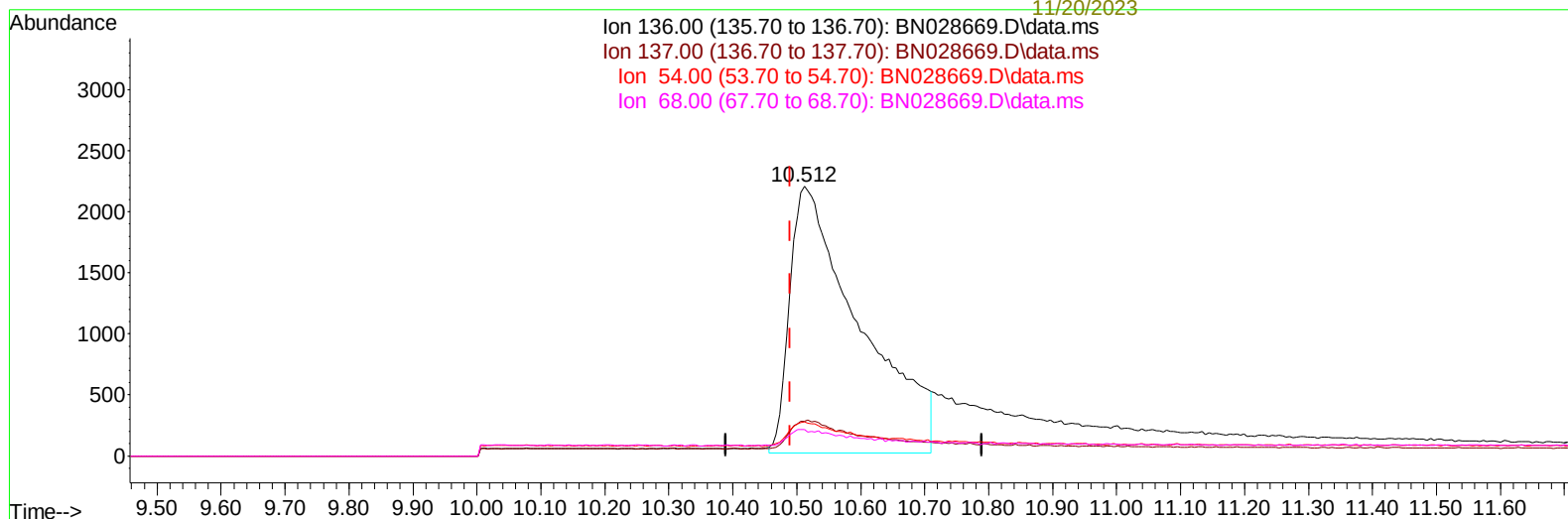
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TIC: BN028669.D\data.ms

(4) Naphthalene-d8 (I)

10.512min (+ 0.022) 0.40 ng/ul m

response 16488

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.95
54.00	9.00	12.59#
68.00	7.10	9.87#

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152		5720m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.512	136		16488m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.330	164		13141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188		18636	0.400	ng/ul	0.00
17) Chrysene-d12	21.301	240		18527	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264		17428	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.120	96		4796m	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152		3355	0.135	ng/ul	0.02
18) Fluoranthene-d10	19.126	212		19393	0.325	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.150	88		14582m	2.087	ng/ul	
5) Naphthalene	10.567	128		11615	0.251	ng/ul#	93
7) 2-Methylnaphthalene	12.216	142		3568	0.117	ng/ul	97
8) 1-Methylnaphthalene	12.376	142		7803	0.252	ng/ul	98
10) Acenaphthylene	14.052	152		17374	0.265	ng/ul	97
11) Acenaphthene	14.390	153		14764	0.306	ng/ul	97
12) Fluorene	15.412	166		11772	0.210	ng/ul	98
14) Pentachlorophenol	16.752	266		2336	0.522	ng/ul	99
15) Phenanthrene	17.136	178		18618	0.325	ng/ul	96
16) Anthracene	17.254	178		8822	0.168	ng/ul#	93
19) Fluoranthene	19.154	202		25001	0.317	ng/ul	98
20) Pyrene	19.517	202		29691	0.364	ng/ul	96
21) Benzo(a)anthracene	21.286	228		14766	0.202	ng/ul	98
22) Chrysene	21.336	228		21019	0.293	ng/ul	100
24) Benzo(b)fluoranthene	22.891	252		18760	0.287	ng/ul	89
25) Benzo(k)fluoranthene	22.941	252		22715	0.332	ng/ul#	90
26) Benzo(a)pyrene	23.490	252		19177	0.311	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.937	276		21602	0.315	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.971	278		15839	0.289	ng/ul#	92
29) Benzo(g,h,i)perylene	26.645	276		20180	0.359	ng/ul	95

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

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