

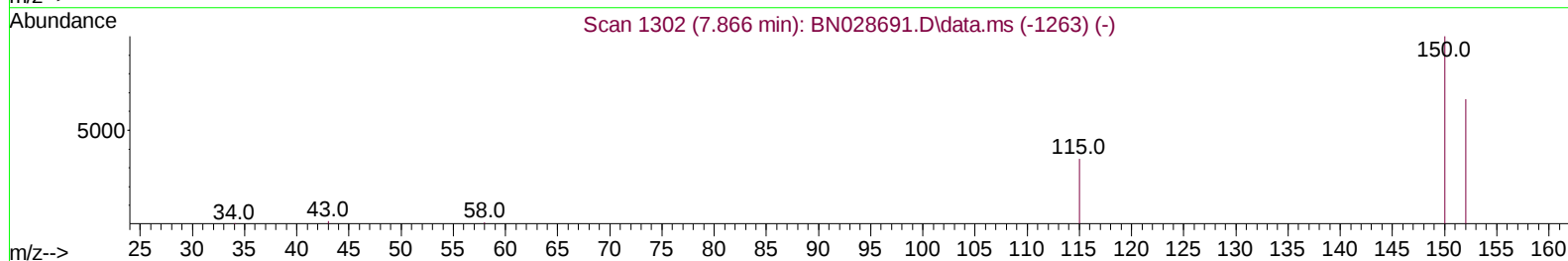
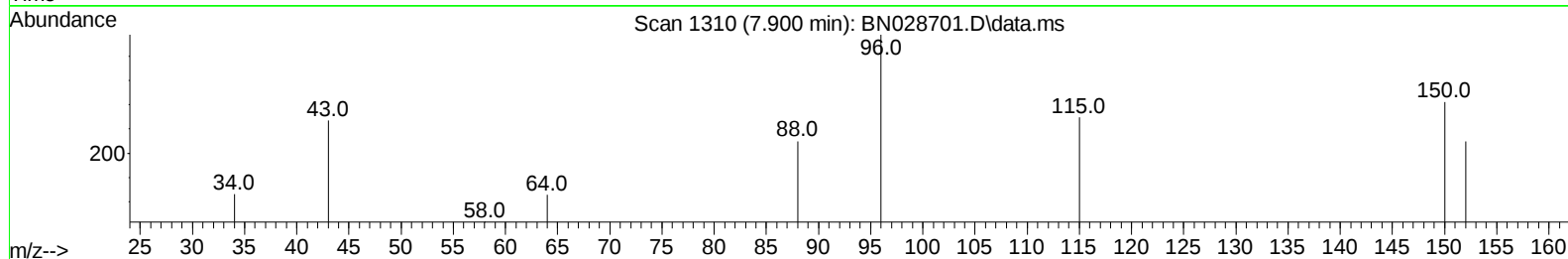
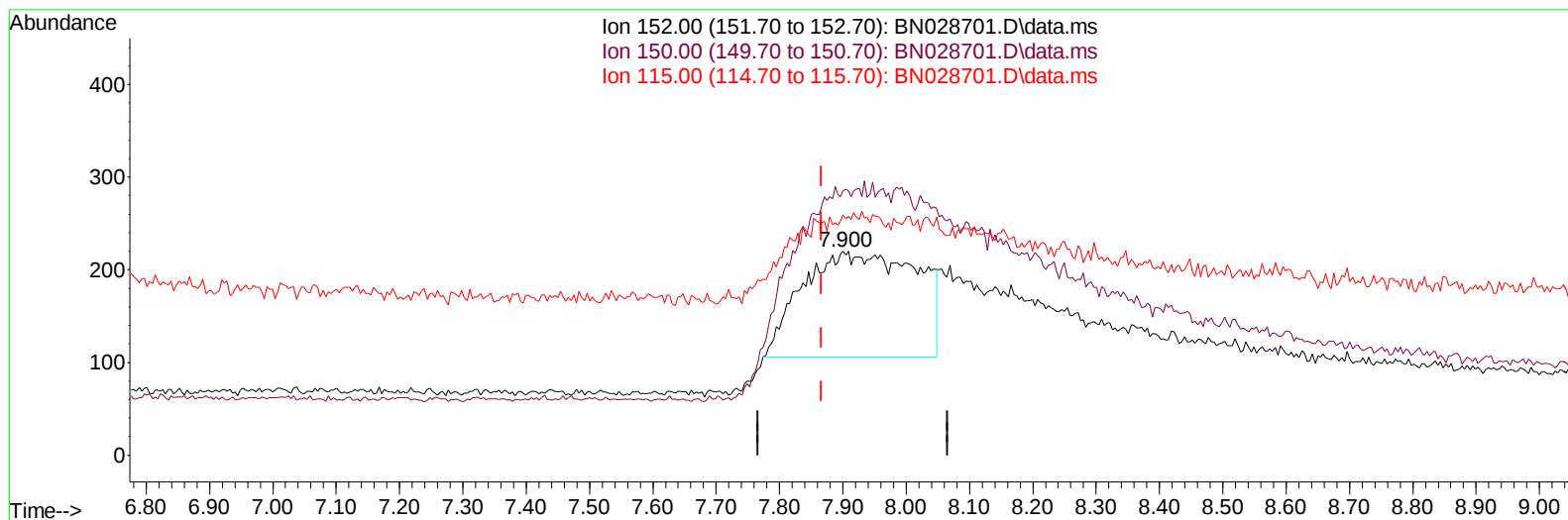
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028701.D
 Acq On : 17 Nov 2023 14:27
 Operator : MA/JU
 Sample : PB157124BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS124

Manual IntegrationsAPPROVED

Quant Time: Nov 17 15:55:31 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 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028701.D\data.ms

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

7.900min (+ 0.034) 0.40 ng/u1

response 1430

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.55
115.00	62.20	117.73#
0.00	0.00	0.00

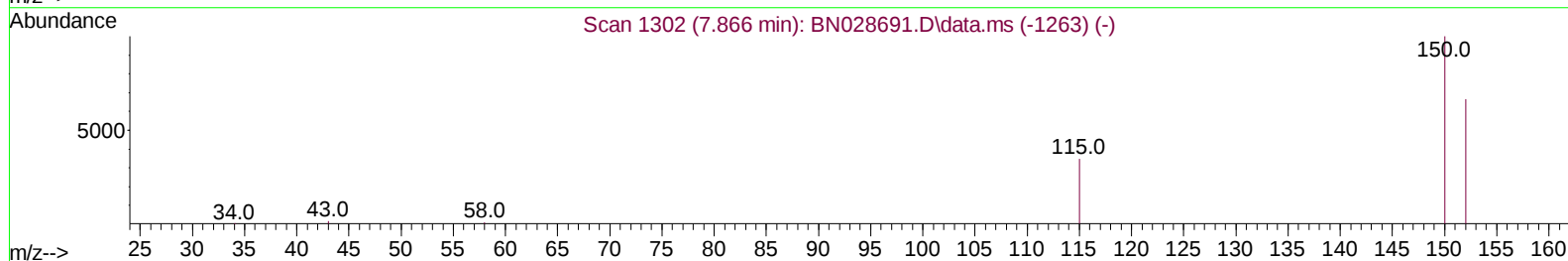
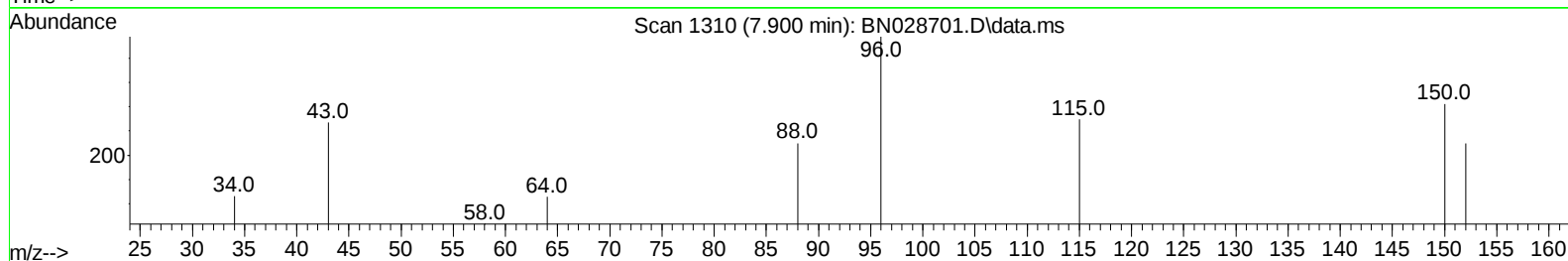
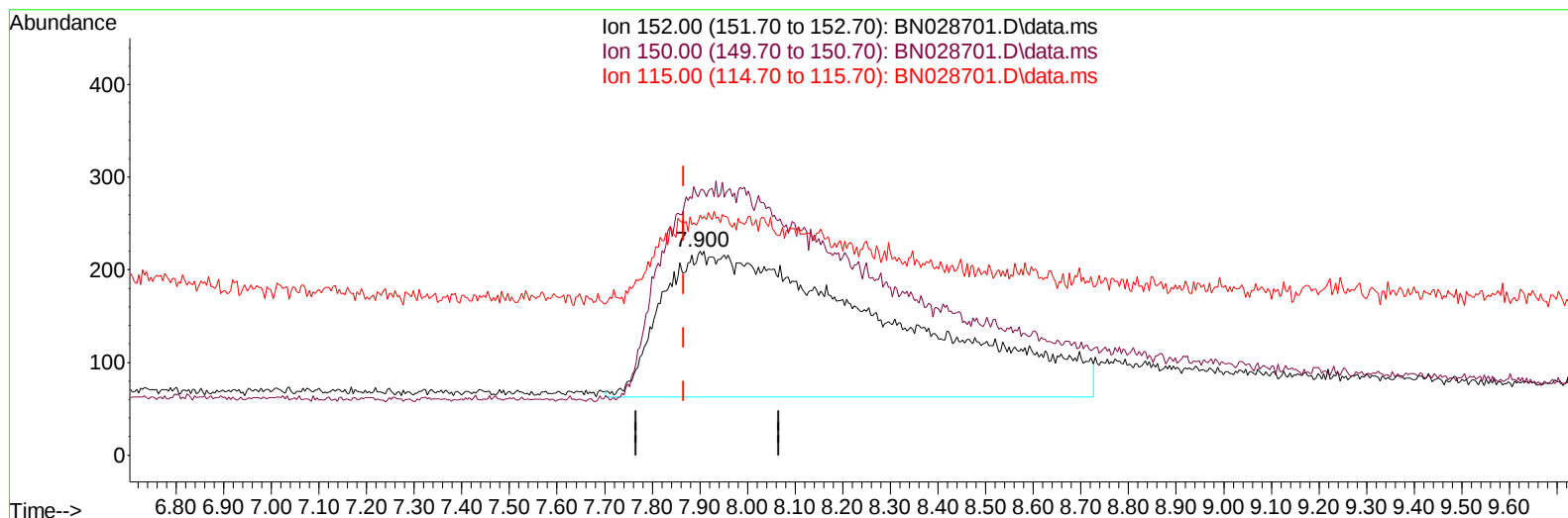
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(1) 1,4-Dichlorobenzene-d4 (I)

7.900min (+ 0.034) 0.40 ng/ul m

response 5252

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.55
115.00	62.20	117.73#
0.00	0.00	0.00

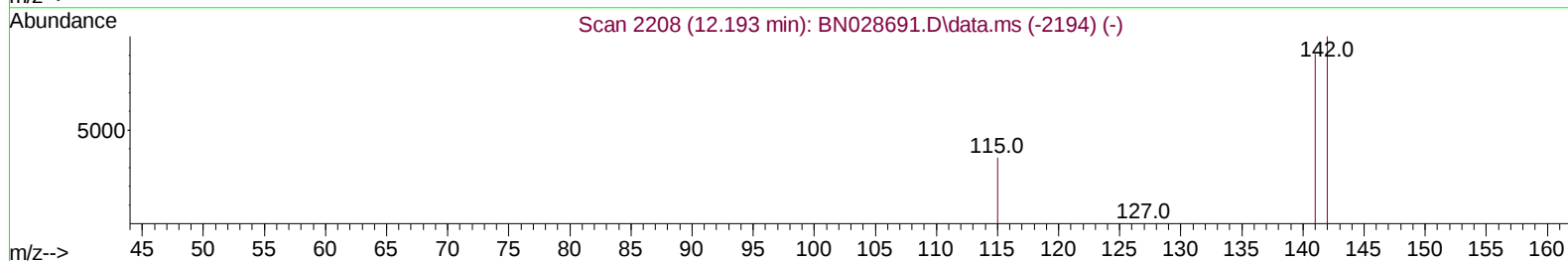
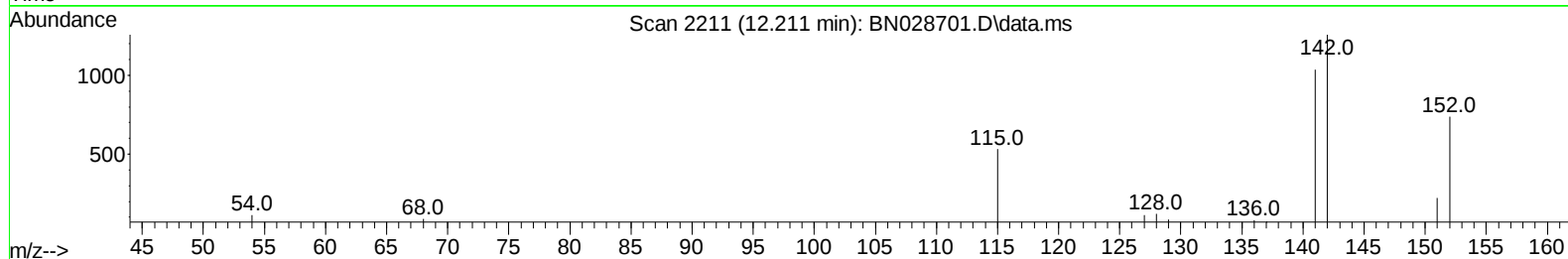
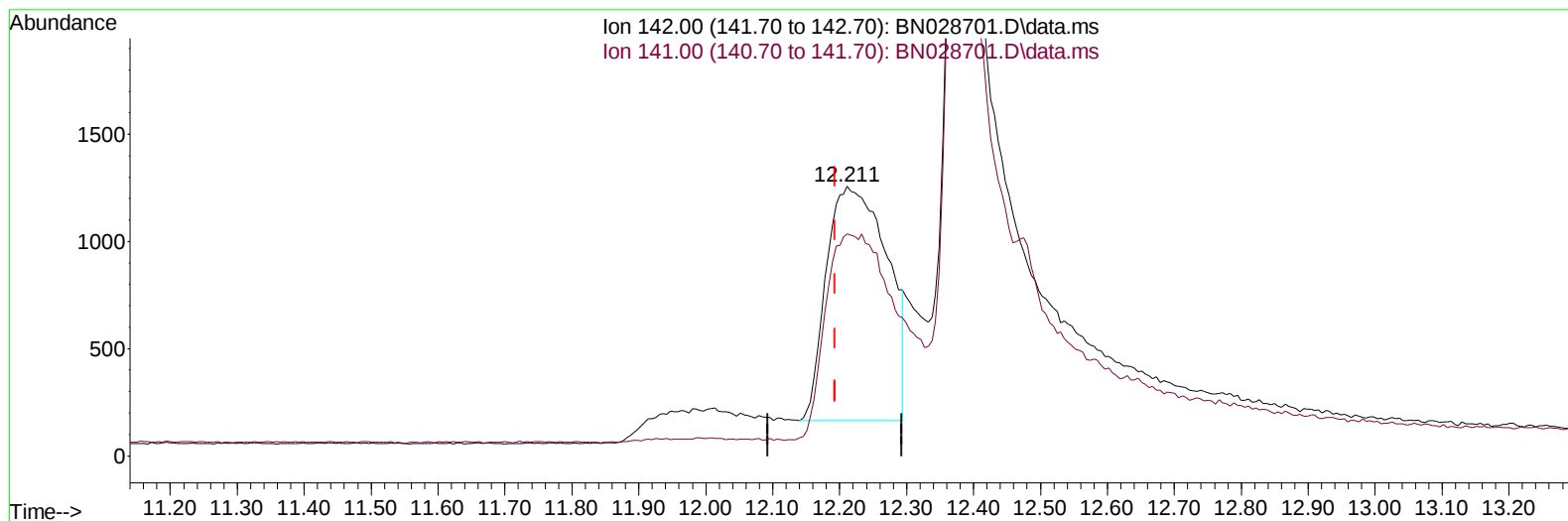
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(7) 2-Methylnaphthalene

12.211min (+ 0.018) 0.24 ng/ul

response 6896

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	91.02
0.00	0.00	0.00
0.00	0.00	0.00

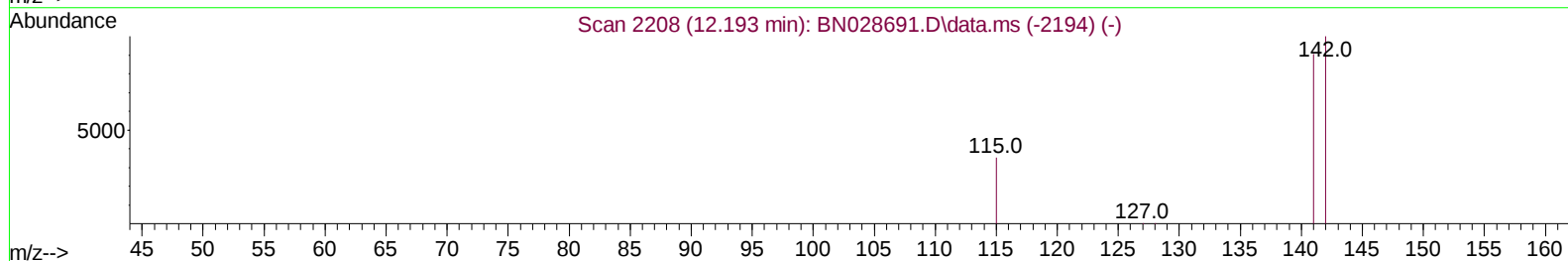
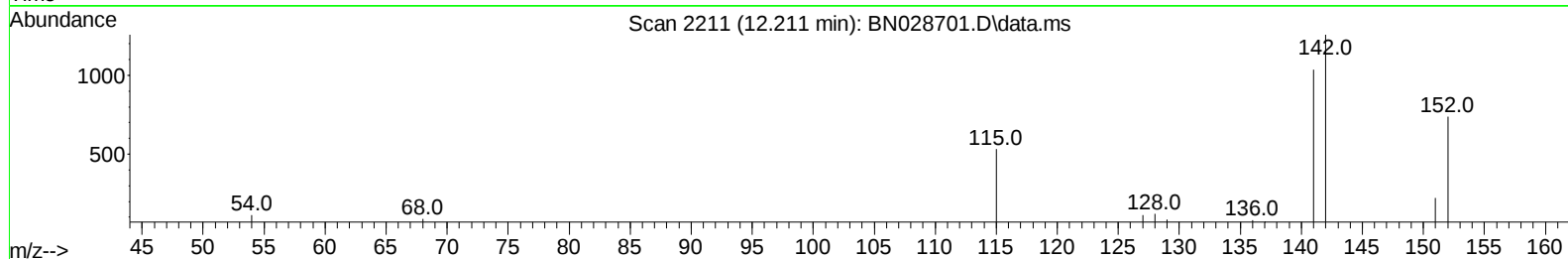
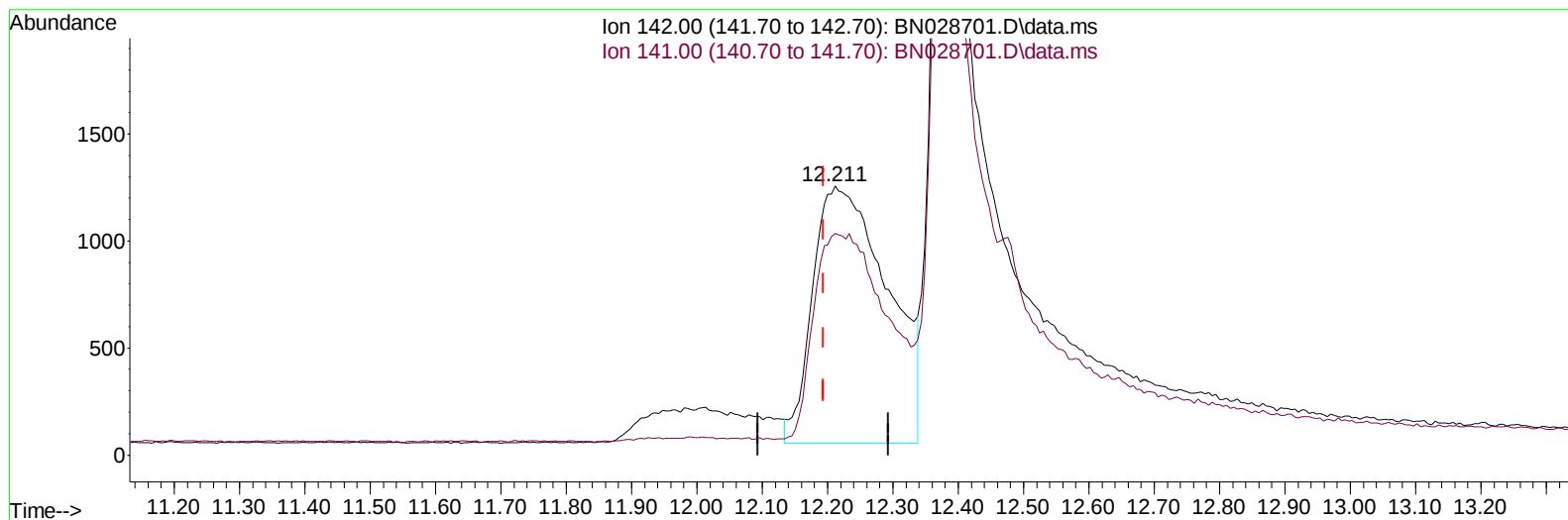
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TIC: BN028701.D\data.ms

(7) 2-Methylnaphthalene

12.211min (+ 0.018) 0.33 ng/ul m

response 9576

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	65.55#
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152		5252m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.523	136		15743	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.330	164		11144	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188		16792	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.301	240		14686	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264		13426	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.120	96		5394	0.929	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152		6052	0.255	ng/ul	0.01
18) Fluoranthene-d10	19.122	212		24653	0.522	ng/ul	0.00
Target Compounds					Qvalue		
2) 1,4-Dioxane	3.150	88		18928	2.950	ng/ul#	80
5) Naphthalene	10.572	128		16759	0.380	ng/ul	95
7) 2-Methylnaphthalene	12.211	142		9576m	0.329	ng/ul	
8) 1-Methylnaphthalene	12.376	142		11160	0.378	ng/ul	99
10) Acenaphthylene	14.057	152		22661	0.407	ng/ul	98
11) Acenaphthene	14.390	153		18862	0.461	ng/ul	98
12) Fluorene	15.403	166		16365	0.344	ng/ul	98
14) Pentachlorophenol	16.748	266		3522	0.874	ng/ul	99
15) Phenanthrene	17.136	178		24858	0.482	ng/ul	98
16) Anthracene	17.254	178		12753	0.270	ng/ul	94
19) Fluoranthene	19.154	202		31779	0.509	ng/ul	98
20) Pyrene	19.517	202		37290	0.576	ng/ul	96
21) Benzo(a)anthracene	21.287	228		17434	0.300	ng/ul	99
22) Chrysene	21.336	228		25821	0.455	ng/ul	100
24) Benzo(b)fluoranthene	22.894	252		23304	0.462	ng/ul	92
25) Benzo(k)fluoranthene	22.941	252		27979	0.530	ng/ul#	92
26) Benzo(a)pyrene	23.488	252		23506	0.494	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.937	276		27490	0.521	ng/ul	98
28) Dibenzo(a,h)anthracene	25.967	278		20598	0.488	ng/ul	95
29) Benzo(g,h,i)perylene	26.645	276		25365	0.586	ng/ul	97

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

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