

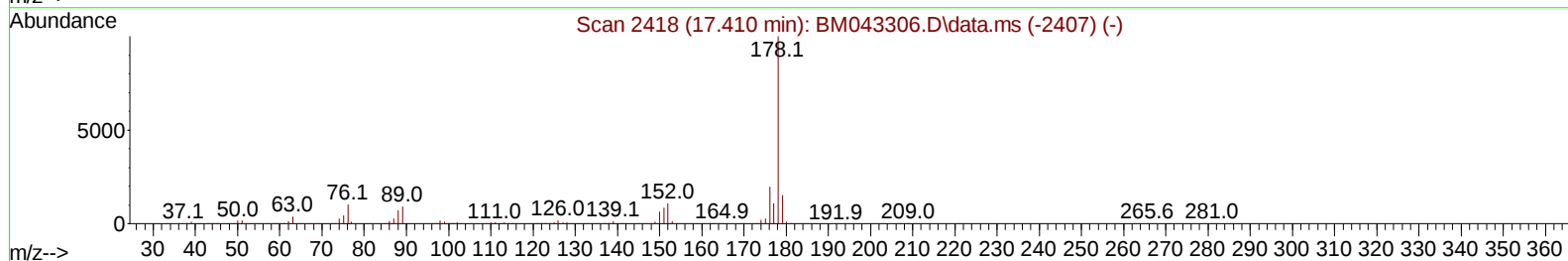
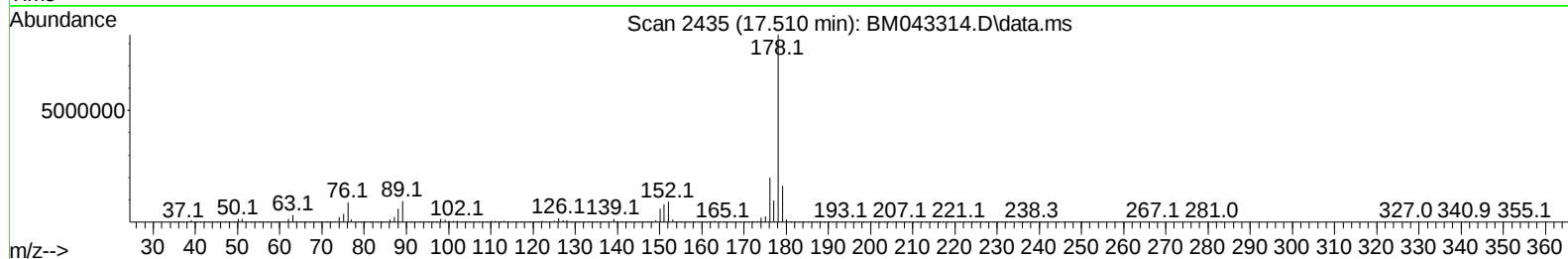
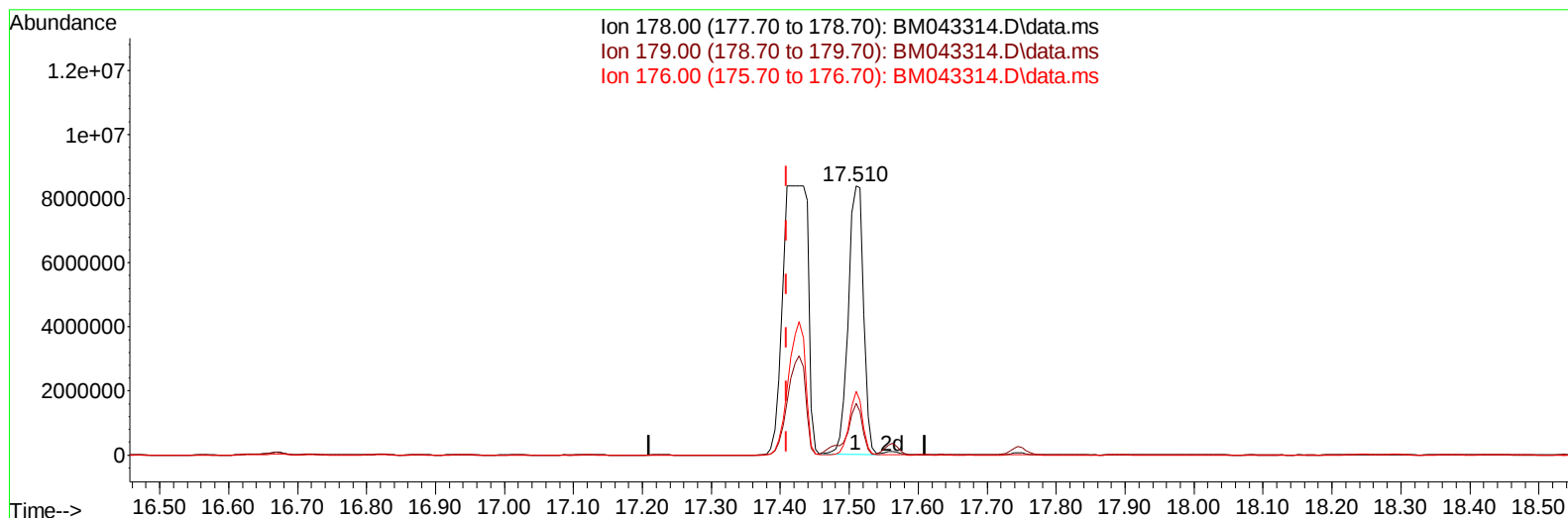
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043314.D
 Acq On : 13 Dec 2023 22:49
 Operator : MA/JU
 Sample : 05690-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:24:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/15/2023



TIC: BM043314.D\data.ms

(72) Phenanthrene

17.510min (+ 0.100) 103.35 ng/u1

response 12840701

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	19.25#
176.00	19.60	23.70#
0.00	0.00	0.00

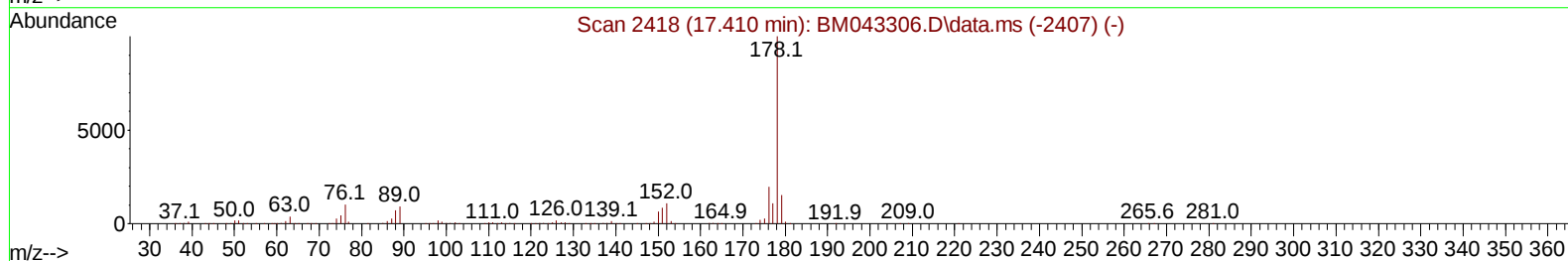
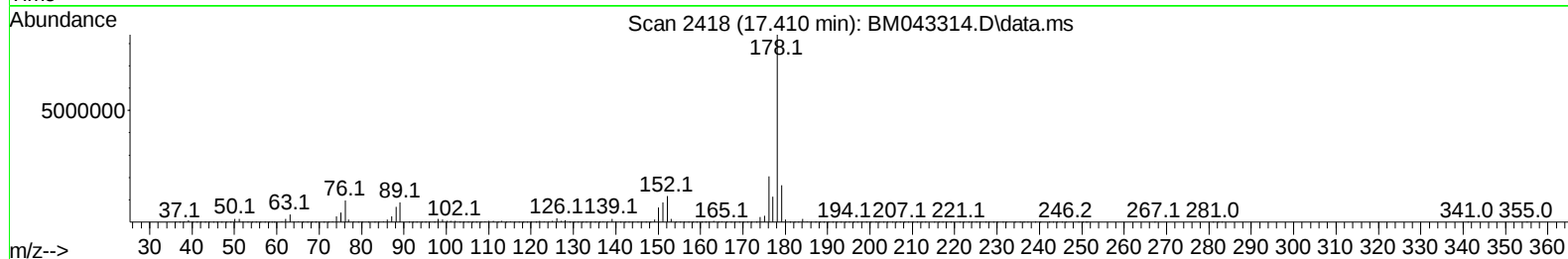
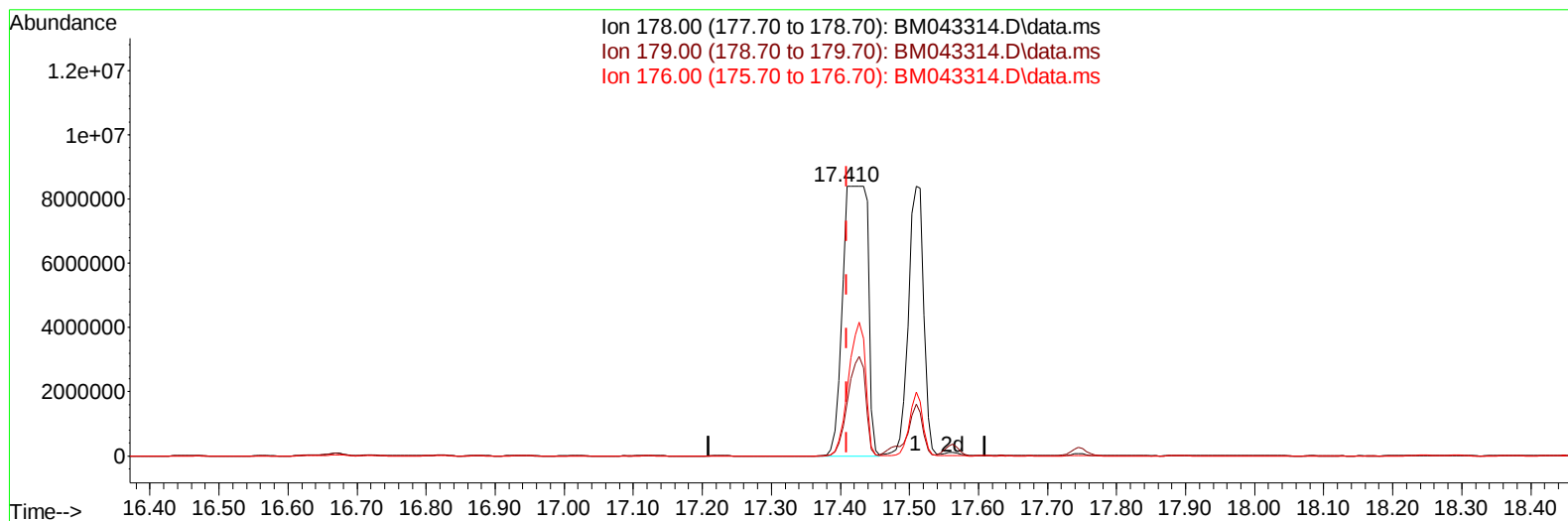
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(72) Phenanthrene

17.410min (+ 0.000) 171.56 ng/u1 m

response 21315035

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	19.78#
176.00	19.60	24.46#
0.00	0.00	0.00

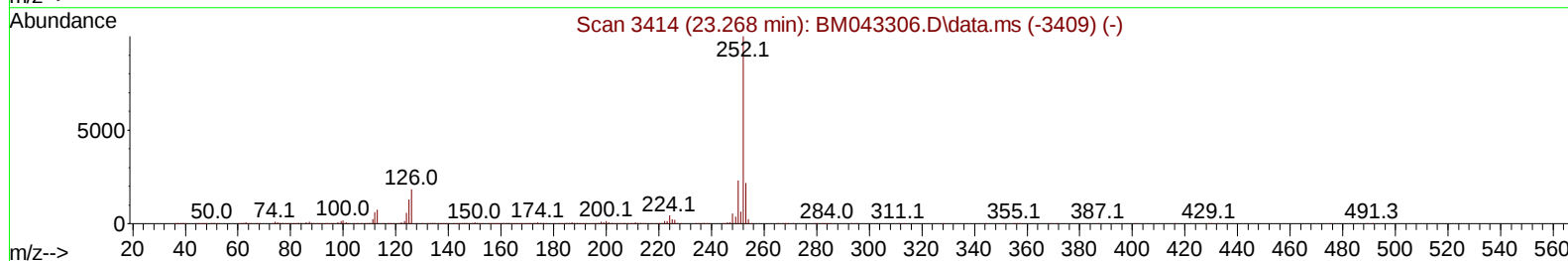
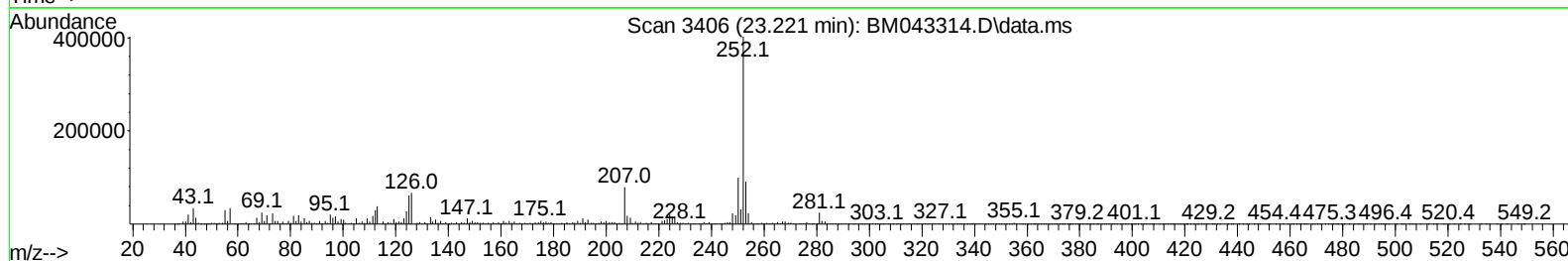
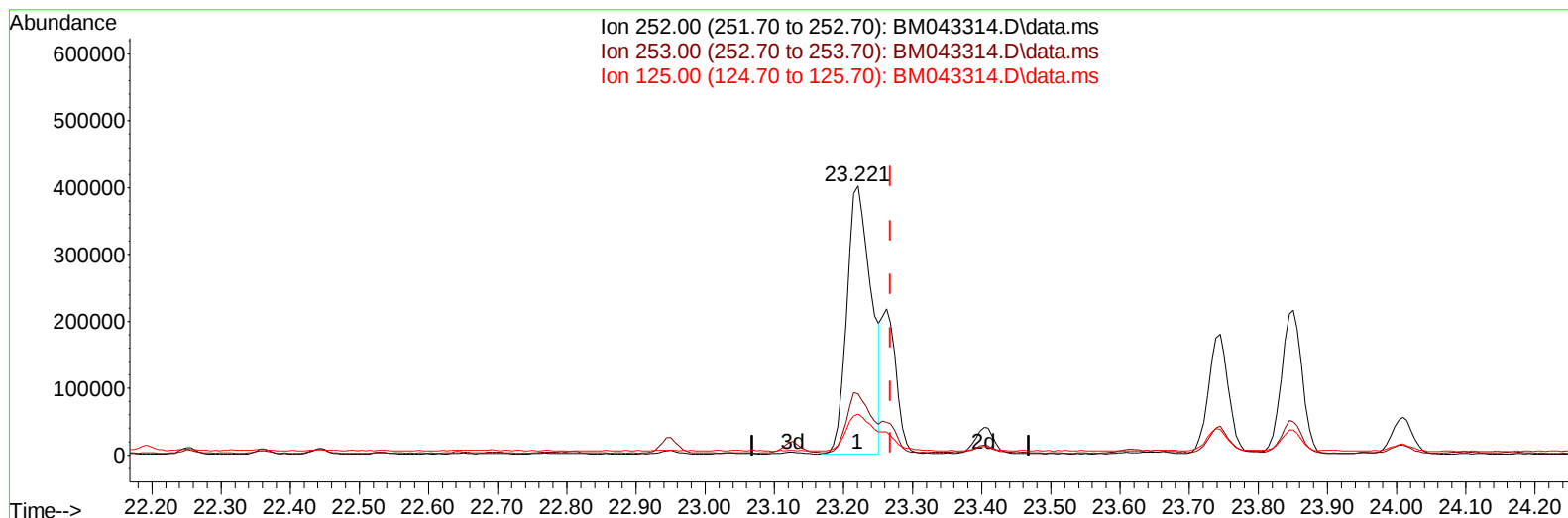
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TIC: BM043314.D\data.ms

(91) Benzo(k)fluoranthene

23.221min (-0.047) 11.33 ng/u1

response 975130

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.89
125.00	9.60	15.17#
0.00	0.00	0.00

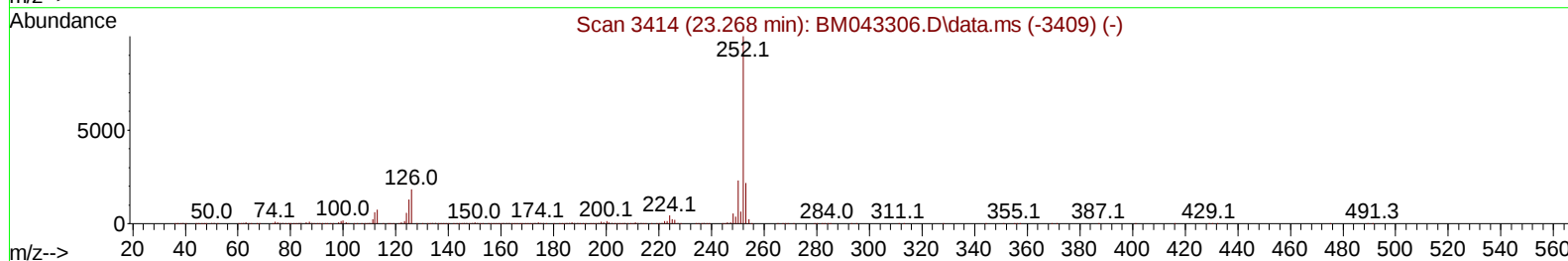
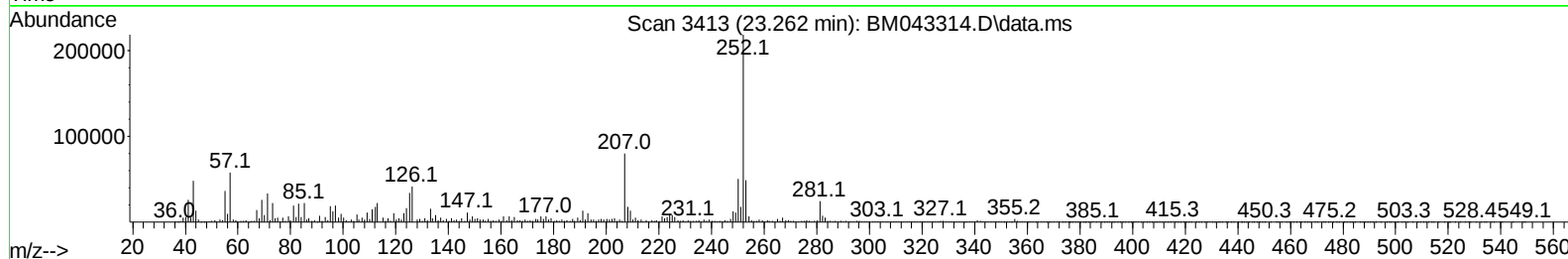
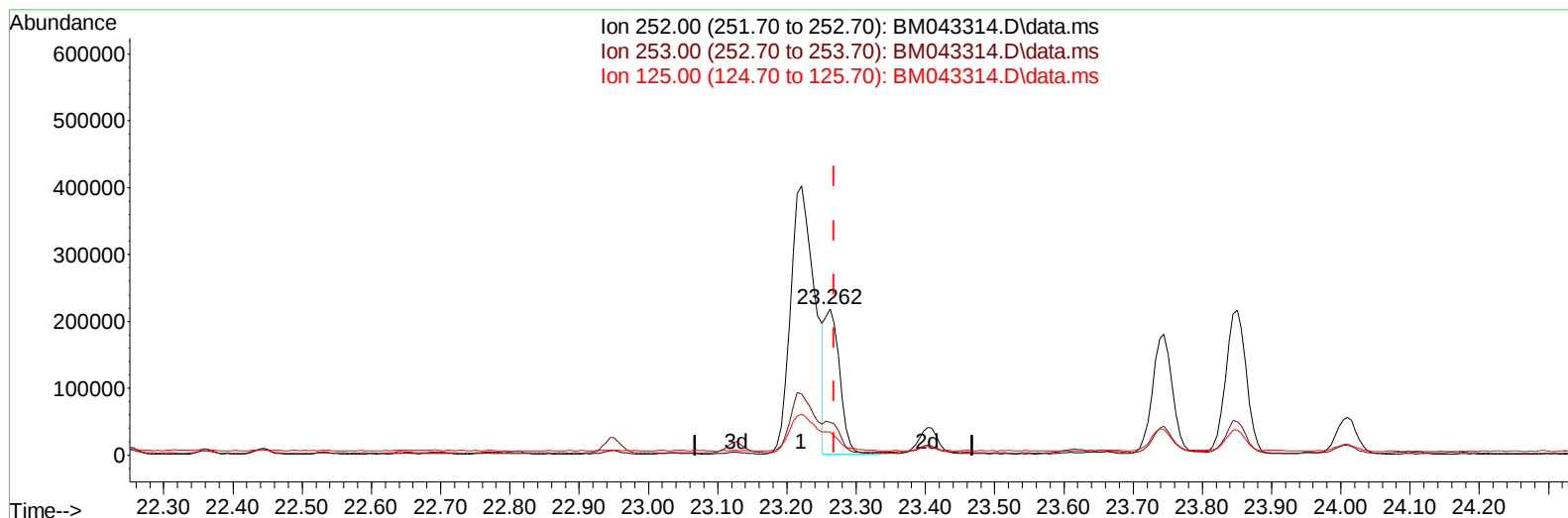
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TIC: BM043314.D\data.ms

(91) Benzo(k)fluoranthene

23.262min (-0.006) 3.77 ng/ul m

response 324755

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.36
125.00	9.60	15.68#
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	7.998	152		409709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136		1873245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164		1075674	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188		1992429	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.539	240		1322059	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264		1211399	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.399	96		40518	3.881	ng/uL	0.00
4) Pyridine-d5	3.816	84		325937	10.523	ng/ul	0.00
7) Phenol-d5	7.157	99		870045	21.390	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67		577501	22.935	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132		683958	22.057	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113		392134	12.186	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128		362580	22.709	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143		379337	24.638	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165		635171	18.509	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131		723510	14.653	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166		1969047	20.882	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160		2329840	21.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143		316944	18.758	ng/ul	0.00
60) Fluorene-d10	15.616	176		1674062	20.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200		44478	4.056	ng/ul	0.01
73) Anthracene-d10	17.474	188		2311756	21.447	ng/ul	0.01
81) Pyrene-d10	19.751	212		2498602	29.537	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264		1614848	22.845	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.857	128		4996688	43.457	ng/ul	100
36) 2-Methylnaphthalene	12.463	142		3758500	45.435	ng/ul	100
37) 1-Methylnaphthalene	12.681	142		1910183	22.750	ng/ul	98
50) Acenaphthylene	14.351	152		165667	1.344	ng/ul#	87
52) Acenaphthene	14.698	153		8090110	99.476	ng/ul	99
61) Fluorene	15.674	166		9150782	95.155	ng/ul	99
72) Phenanthrene	17.410	178		21315035m	171.558	ng/ul	
74) Anthracene	17.510	178		12840701	102.599	ng/ul#	90
80) Fluoranthene	19.421	202		15740595	162.212	ng/ul#	83
82) Pyrene	19.786	202		12896274	127.760	ng/ul#	92
85) Benzo(a)anthracene	21.521	228		2171160	21.419	ng/ul	98
87) Chrysene	21.574	228		1848291	20.416	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252		975130	11.282	ng/ul#	93
91) Benzo(k)fluoranthene	23.262	252		324755m	3.773	ng/ul	
93) Benzo(a)pyrene	23.850	252		443768	5.555	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.468	276		179116	1.968	ng/ul#	93
96) Benzo(g,h,i)perylene	27.250	276		112498	1.641	ng/ul#	89

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

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