

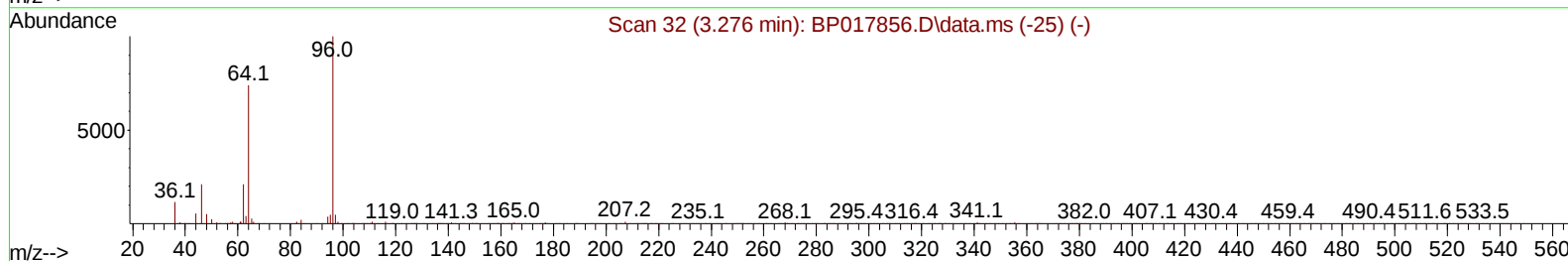
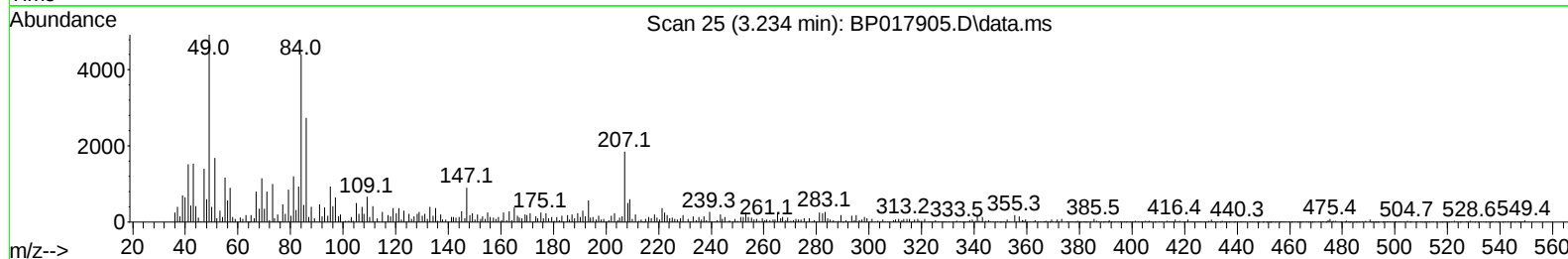
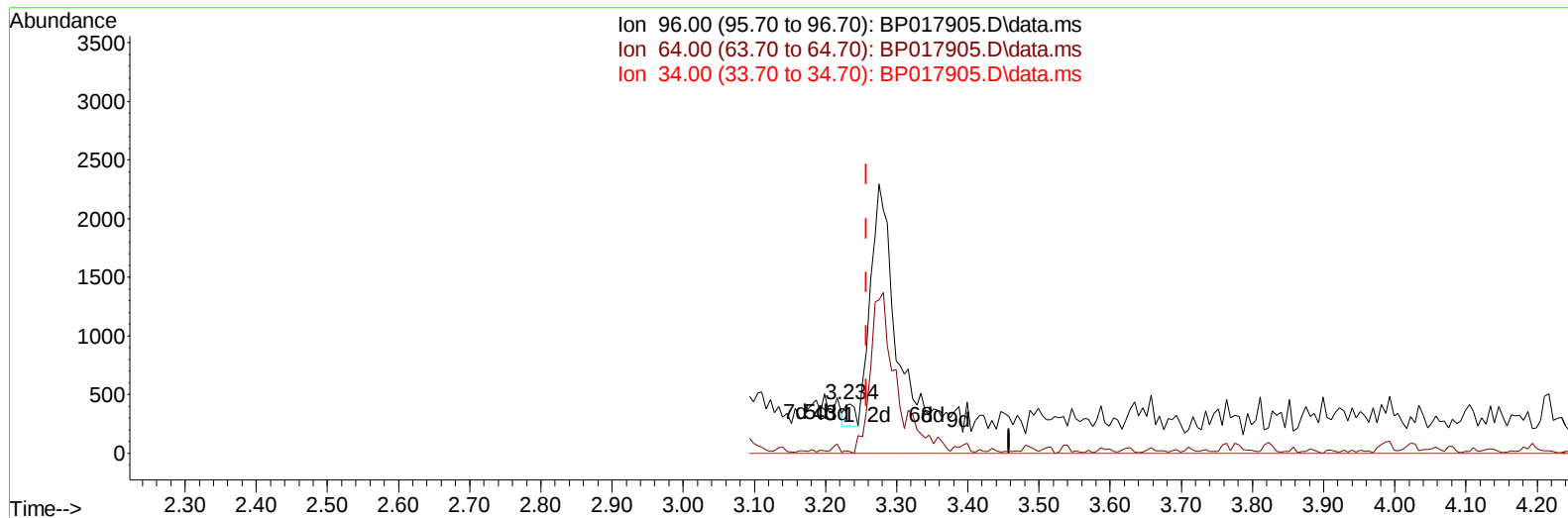
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017905.D
 Acq On : 03 Nov 2023 02:14
 Operator : MA/JU
 Sample : 05060-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 03:32:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017905.D\data.ms

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

3.234min (-0.024) 0.05 ng/uL

response 185

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	71.80	2.86#
34.00	0.00	0.00
0.00	0.00	0.00

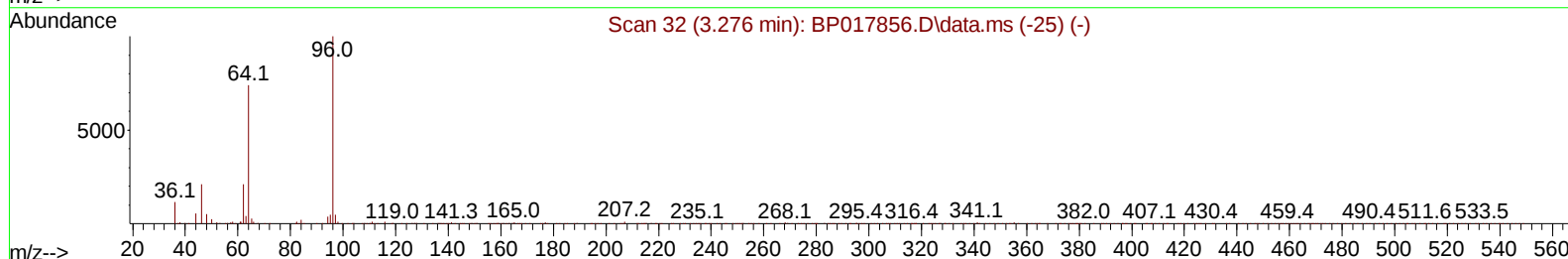
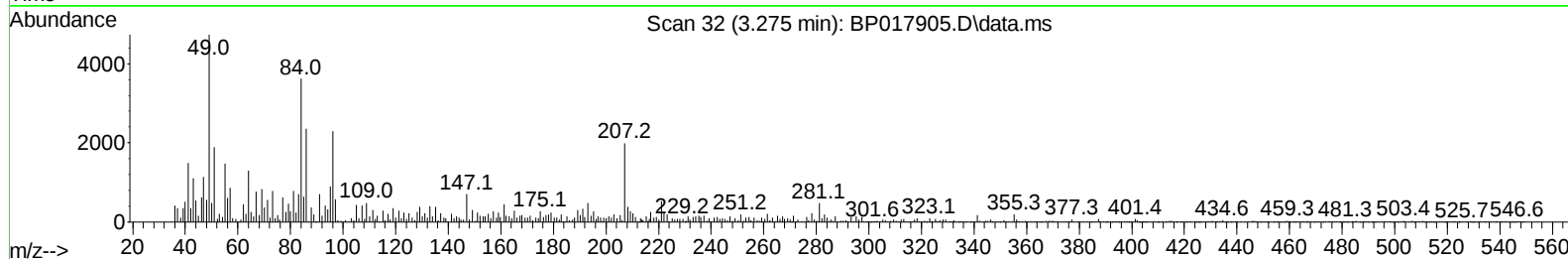
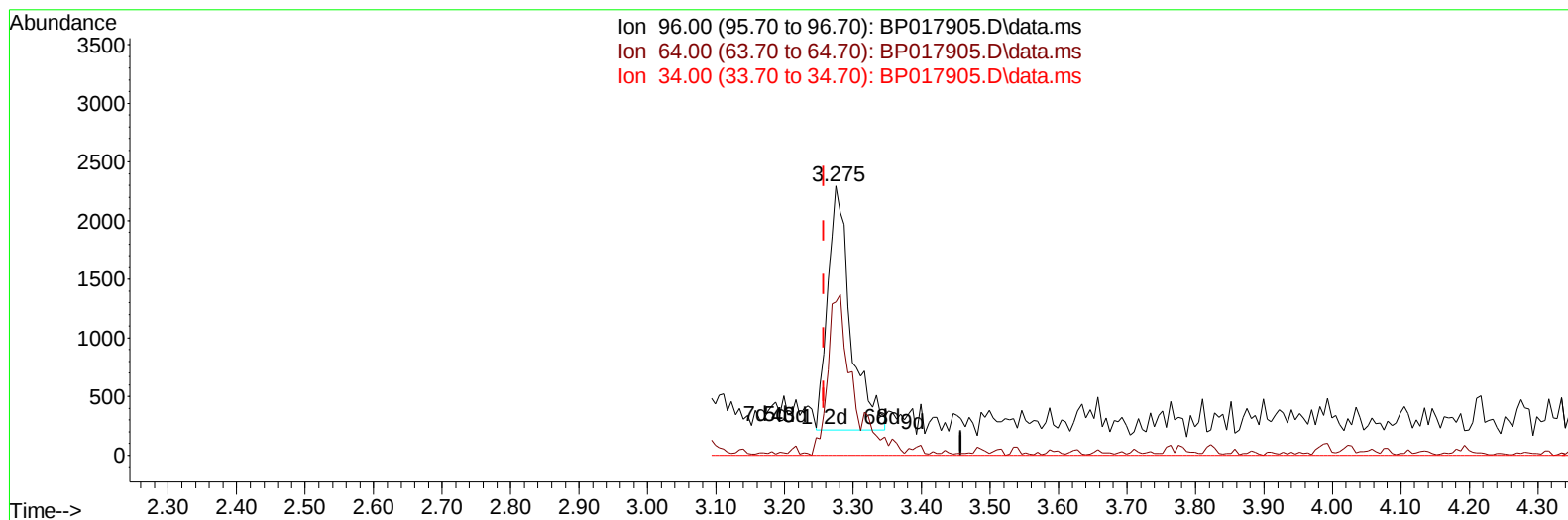
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TIC: BP017905.D\data.ms

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

3.275min (+ 0.017) 1.38 ng/uL m

response 4847

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	71.80	56.96#
34.00	0.00	0.00
0.00	0.00	0.00

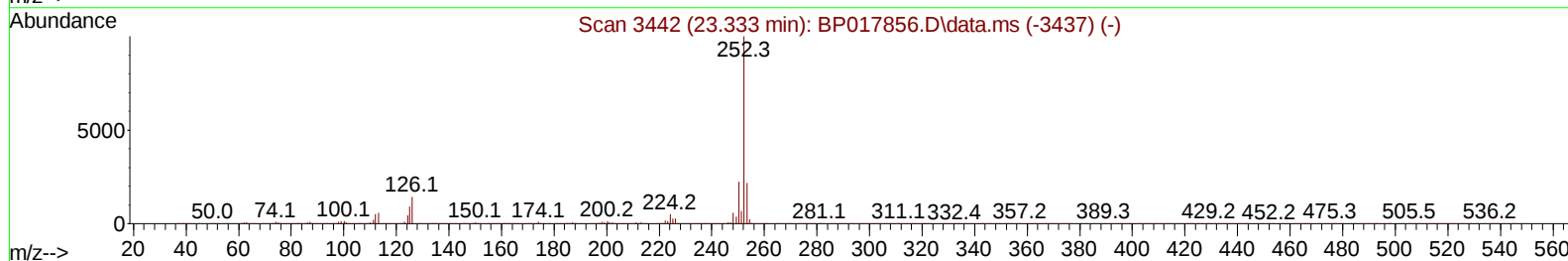
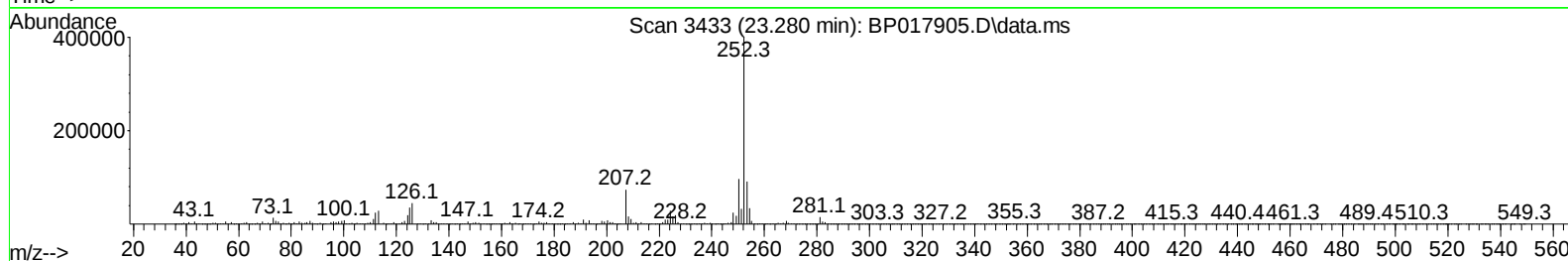
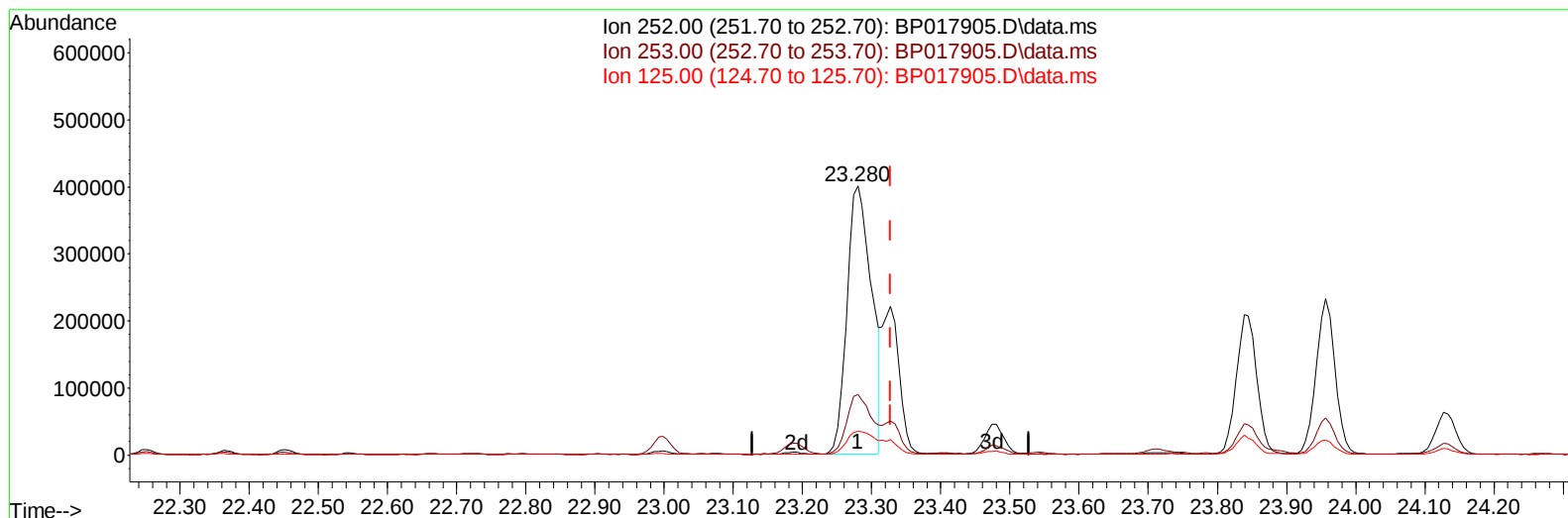
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 Sample : 05060-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 03:34:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
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TIC: BP017905.D\data.ms

(91) Benzo(k)fluoranthene

23.280min (-0.047) 28.87 ng/u1

response 983212

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.60
125.00	8.80	8.87
0.00	0.00	0.00

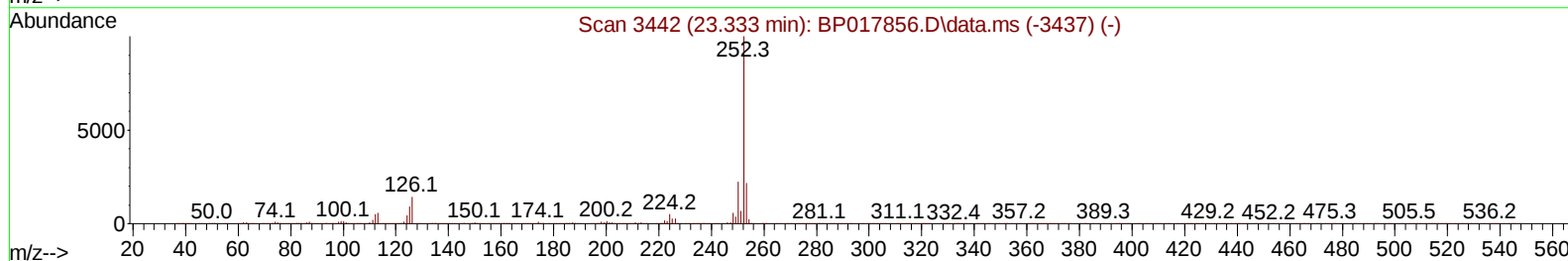
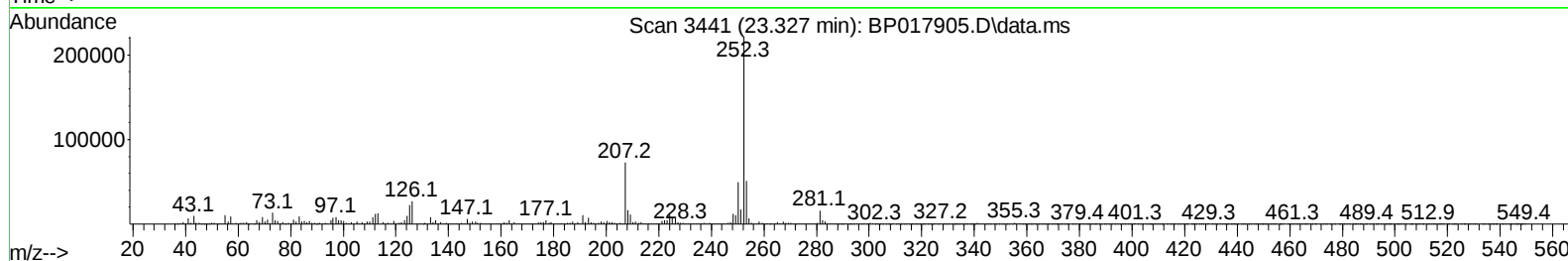
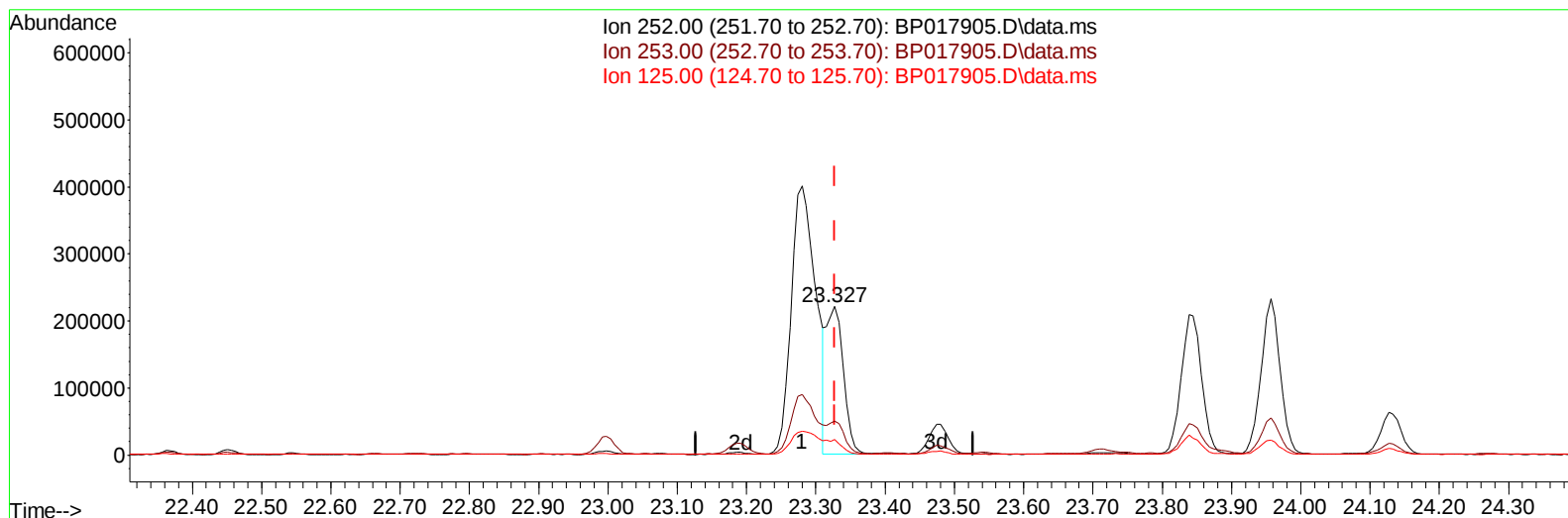
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Instrument :
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TIC: BP017905.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (-0.000) 11.15 ng/ul m

response 379620

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.10
125.00	8.80	10.35
0.00	0.00	0.00

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 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH1

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Quant Time: Nov 03 03:35:13 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152		130696	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.704	136		502932	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.575	164		285674	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188		563256	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240		458013	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264		493735	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.275	96		4847m	1.380	ng/uL	0.02
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.046	99		79794	7.337	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67		52437	7.807	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132		69202	7.801	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113		58223	6.817	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128		33347	8.183	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.804	143		36570	8.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165		61807	6.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131		49058	4.244	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166		207821	8.666	ng/ul	-0.01
49) Acenaphthylene-d8	14.269	160		224376	8.390	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.851	143		13033	3.814	ng/ul	0.02
60) Fluorene-d10	15.581	176		169282	8.166	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.739	200		9754	2.629	ng/ul	0.00
73) Anthracene-d10	17.469	188		257544	8.948	ng/ul	0.00
81) Pyrene-d10	19.727	212		292277	10.179	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264		247156	8.988	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.757	128		46564	1.609	ng/ul	98
36) 2-Methylnaphthalene	12.375	142		25056	1.282	ng/ul	100
50) Acenaphthylene	14.298	152		79346	2.649	ng/ul	98
52) Acenaphthene	14.639	153		173153	8.550	ng/ul	98
61) Fluorene	15.639	166		278823	11.938	ng/ul	98
72) Phenanthrene	17.416	178		1878258	56.925	ng/ul	99
74) Anthracene	17.504	178		1378394	41.246	ng/ul	99
80) Fluoranthene	19.404	202		4048350	122.707	ng/ul	100
82) Pyrene	19.763	202		3346968	95.755	ng/ul	100
85) Benzo(a)anthracene	21.498	228		1249892	35.897	ng/ul	98
87) Chrysene	21.557	228		1223639	37.162	ng/ul	97
90) Benzo(b)fluoranthene	23.280	252		983212	29.260	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252		379620m	11.147	ng/ul	
93) Benzo(a)pyrene	23.957	252		442849	14.038	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.786	276		243716	6.482	ng/ul	98
95) Dibenzo(a,h)anthracene	26.809	278		64173	2.046	ng/ul#	91
96) Benzo(g,h,i)perylene	27.633	276		204626	6.755	ng/ul	97

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

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