

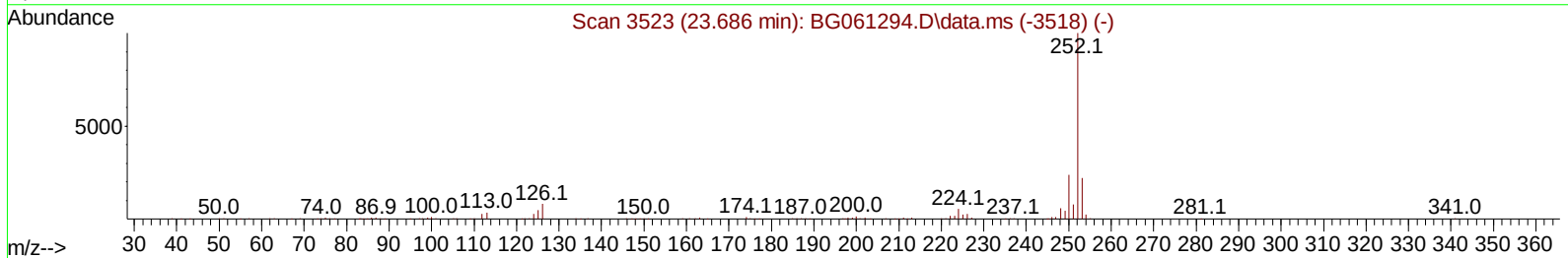
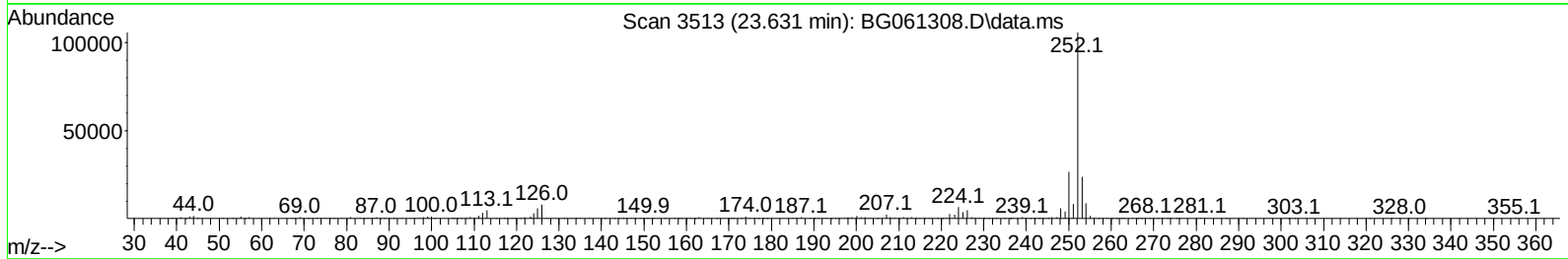
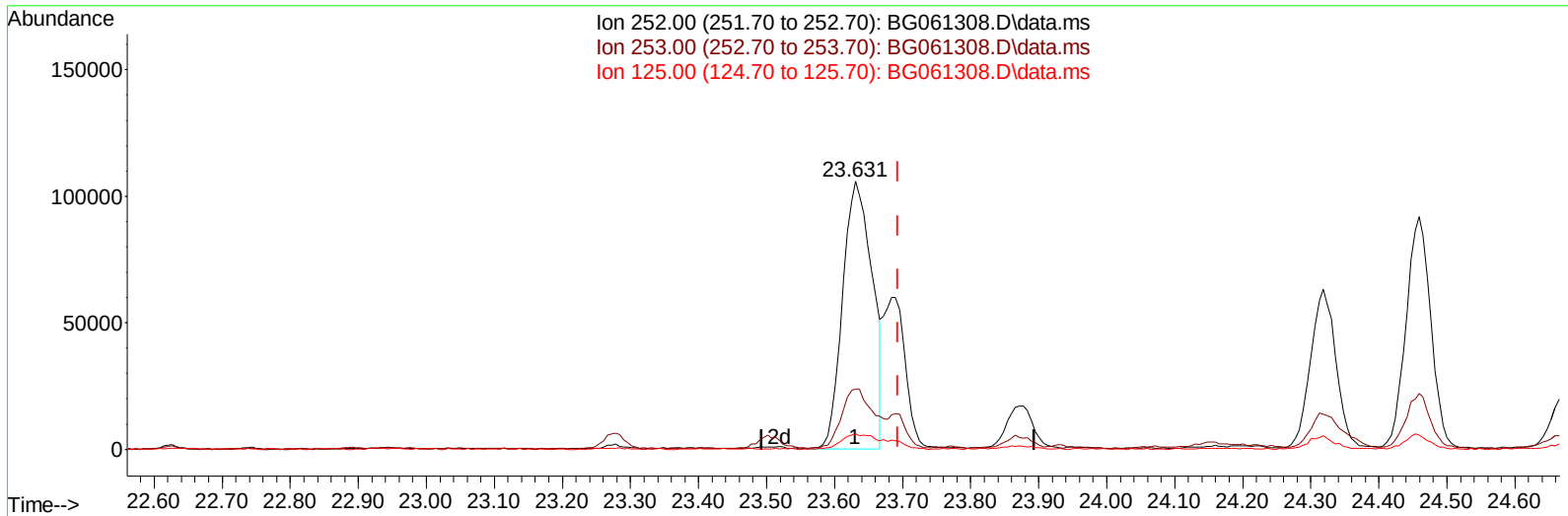
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061308.D
Acq On : 28 May 2024 20:44
Operator : MA/JU
Sample : P2568-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5R4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 22:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration



TIC: BG061308.D\data.ms

(91) Benzo(k)fluoranthene

23.631min (-0.063) 23.11 ng/u1

response 318366

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.49
125.00	5.40	5.74
0.00	0.00	0.00

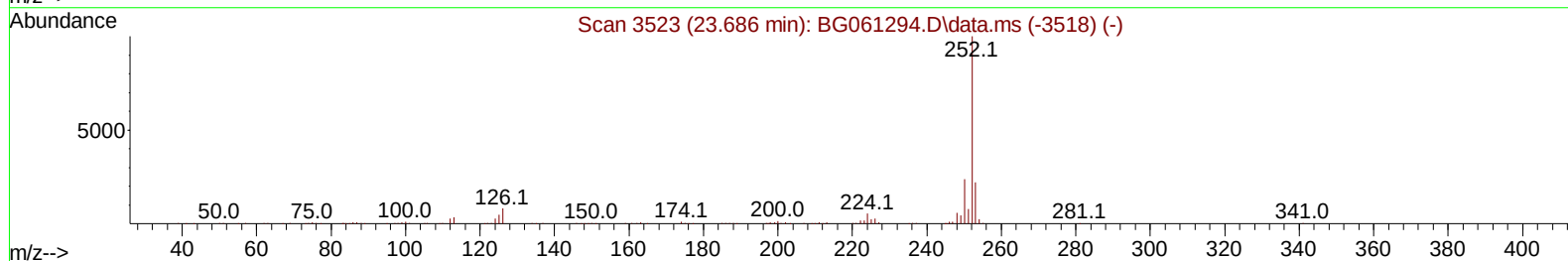
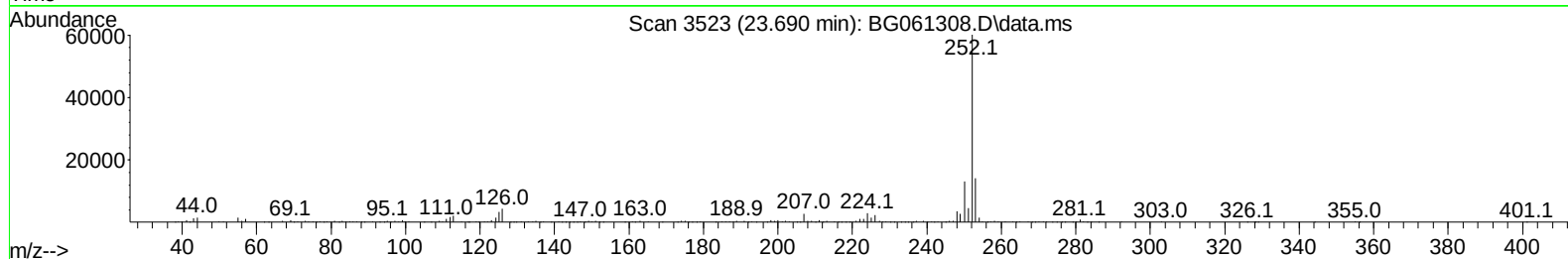
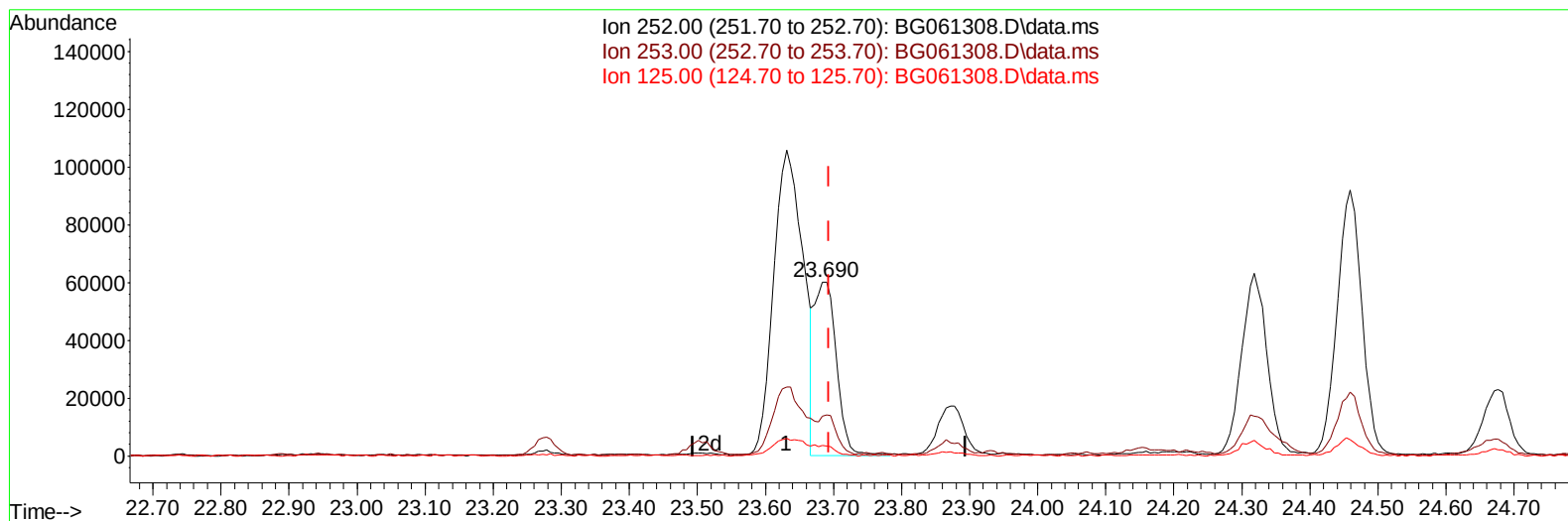
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TIC: BG061308.D\data.ms

(91) Benzo(k)fluoranthene

23.690min (-0.004) 9.86 ng/ul m

response 135774

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.52
125.00	5.40	5.53
0.00	0.00	0.00

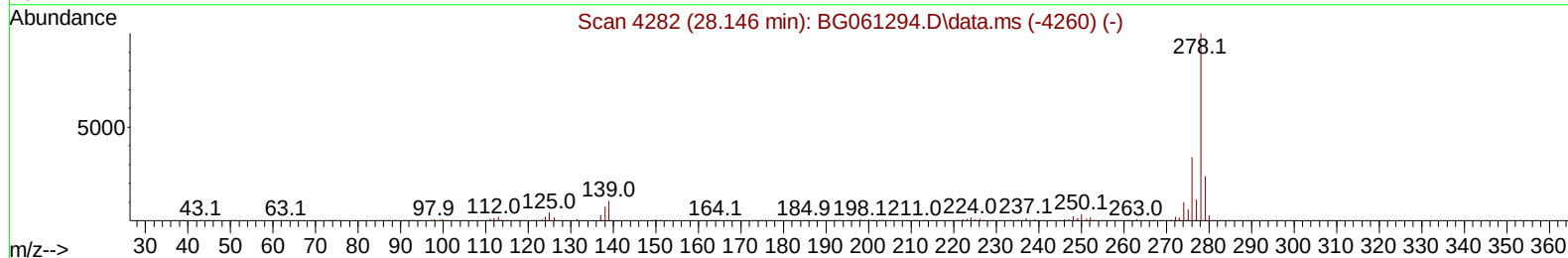
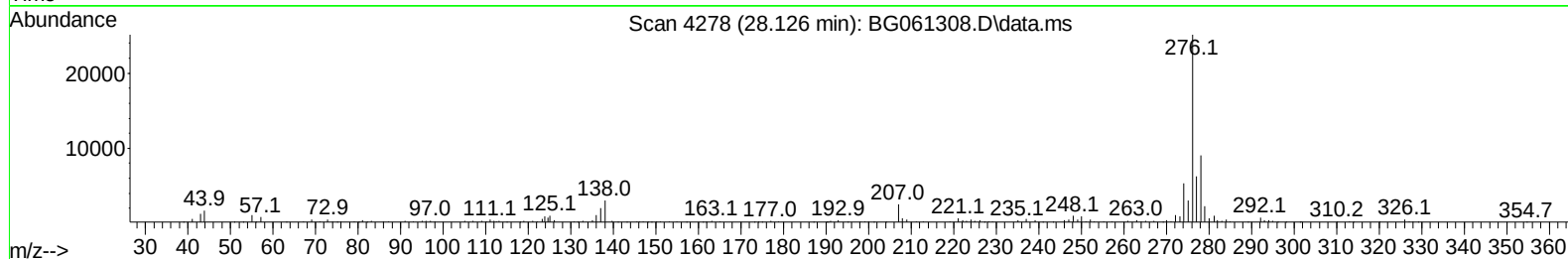
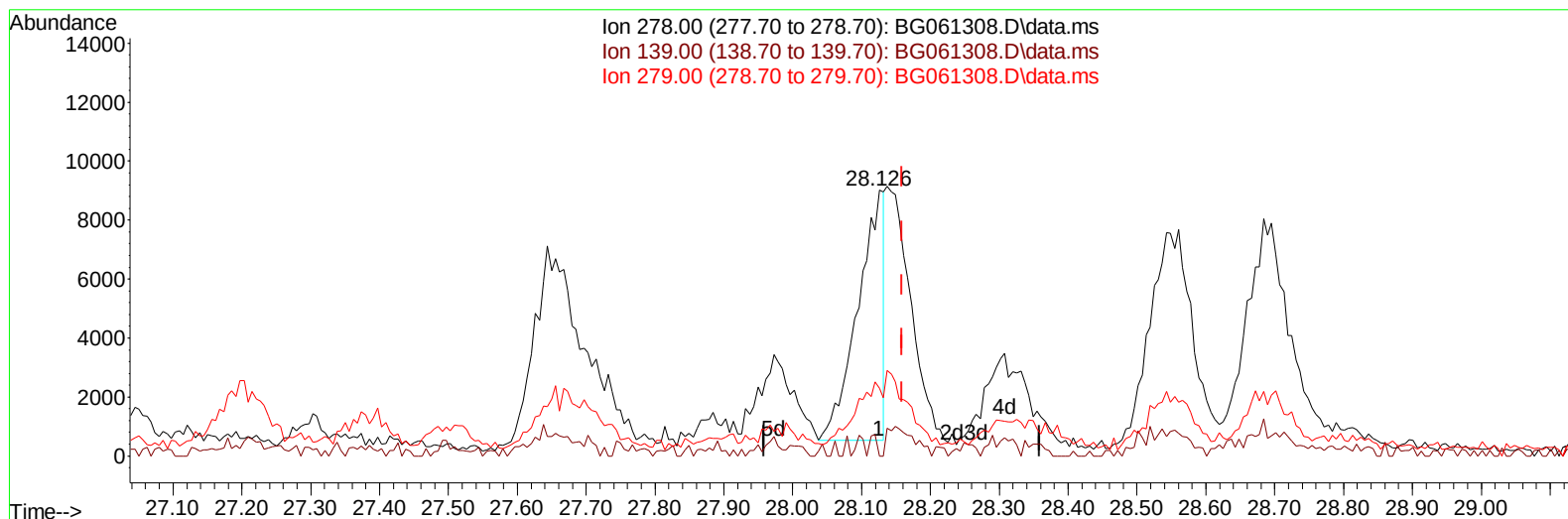
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TIC: BG061308.D\data.ms

(95) Dibenzo(a,h)anthracene

28.126min (-0.033) 1.74 ng/u1

response 22335

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	3.36#
279.00	24.90	25.53
0.00	0.00	0.00

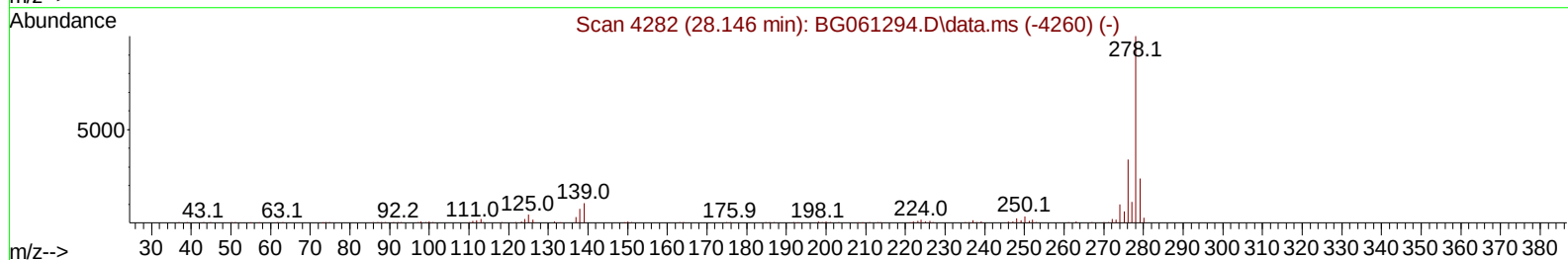
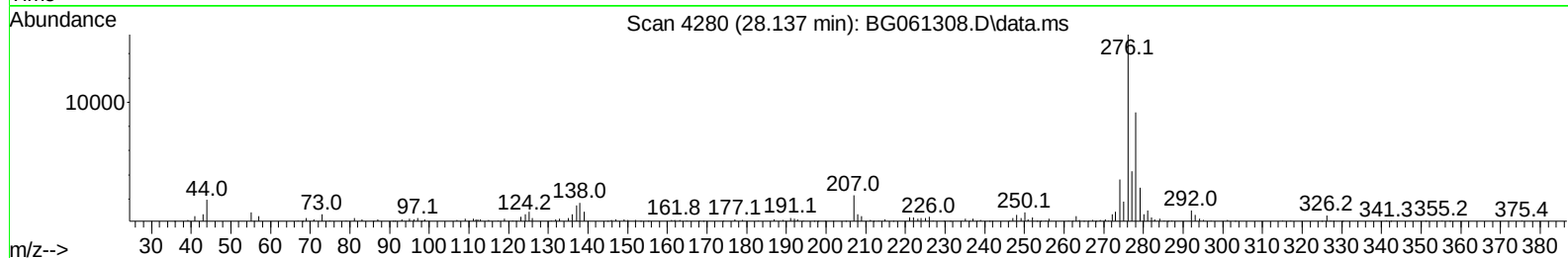
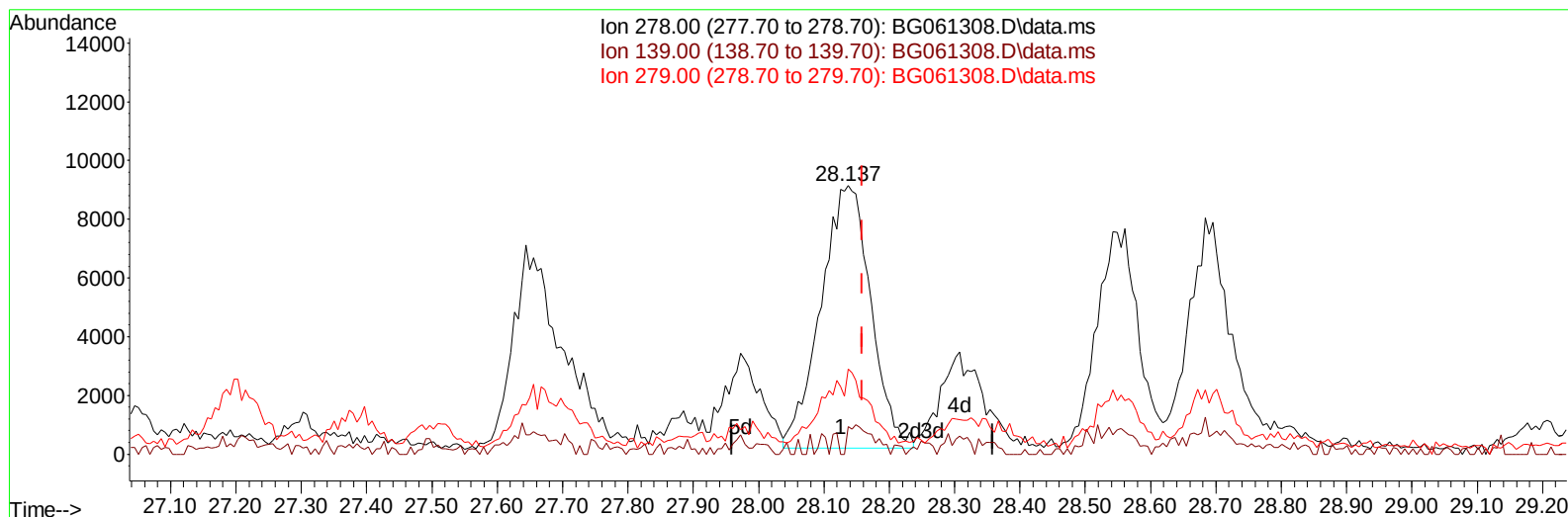
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Instrument :
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TIC: BG061308.D\data.ms

(95) Dibenzo(a,h)anthracene

28.137min (-0.022) 3.70 ng/ul m

response 47562

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.32#
279.00	24.90	31.74#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: May 28 23:09:37 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.885	152		26003	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136		111436	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164		84848	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188		194689	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240		201196	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264		227872	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.343	96		1479	3.183	ng/uL	0.00
4) Pyridine-d5	3.748	84		19710	11.924	ng/ul	0.00
7) Phenol-d5	7.062	99		37695	17.653	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67		24005	17.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132		30647	19.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113		29573	16.242	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128		15492	18.056	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143		18393	18.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165		37199	19.003	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131		23211	9.063	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166		131532	19.988	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160		142176	20.782	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143		13165	16.182	ng/ul	0.00
60) Fluorene-d10	15.511	176		115490	20.328	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200		17815	15.129	ng/ul	0.00
73) Anthracene-d10	17.362	188		183808	21.415	ng/ul	0.00
81) Pyrene-d10	19.653	212		227717	22.043	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.389	264		237034	21.637	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.728	128		7623	1.296	ng/ul	98
52) Acenaphthene	14.577	153		10431	2.096	ng/ul	98
61) Fluorene	15.564	166		6599	1.072	ng/ul	99
72) Phenanthrene	17.309	178		175643	18.588	ng/ul	97
74) Anthracene	17.397	178		30058	3.076	ng/ul	98
77) Carbazole	17.667	167		22660	2.851	ng/ul	98
80) Fluoranthene	19.324	202		390797	31.534	ng/ul	99
82) Pyrene	19.683	202		347743	27.033	ng/ul	99
83) Butylbenzylphthalate	20.576	149		11962	2.707	ng/ul#	96
85) Benzo(a)anthracene	21.498	228		218126	15.712	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149		56561	8.647	ng/ul	96
87) Chrysene	21.563	228		233129	18.238	ng/ul	95
90) Benzo(b)fluoranthene	23.631	252		318366	23.466	ng/ul	100
91) Benzo(k)fluoranthene	23.690	252		135774m	9.858	ng/ul	
93) Benzo(a)pyrene	24.459	252		230367	17.881	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.096	276		167656	10.761	ng/ul	98
95) Dibenzo(a,h)anthracene	28.137	278		47562m	3.702	ng/ul	
96) Benzo(g,h,i)perylene	29.189	276		161118	12.999	ng/ul	98

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

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