

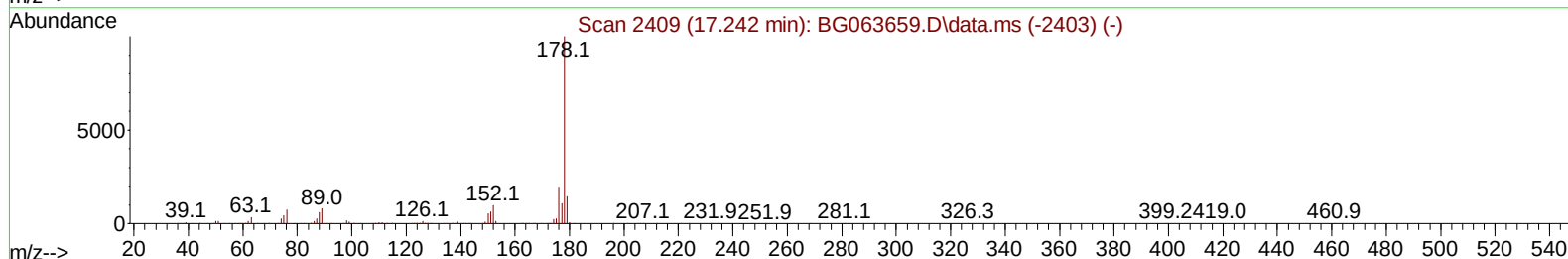
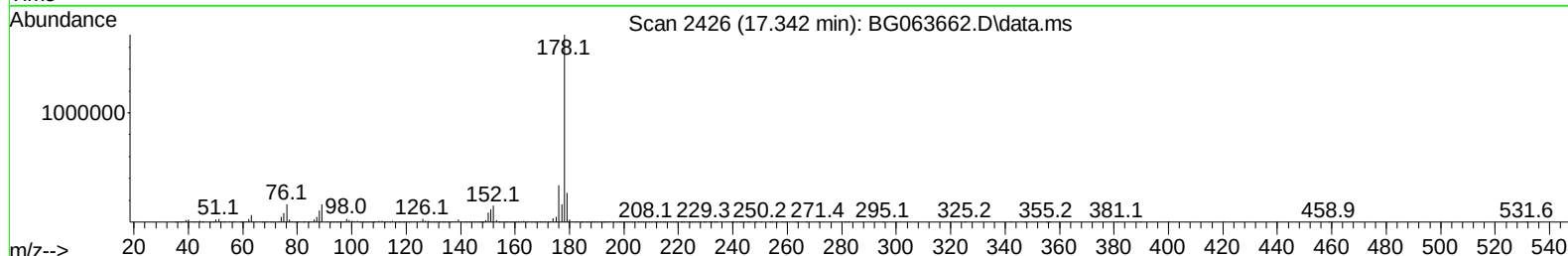
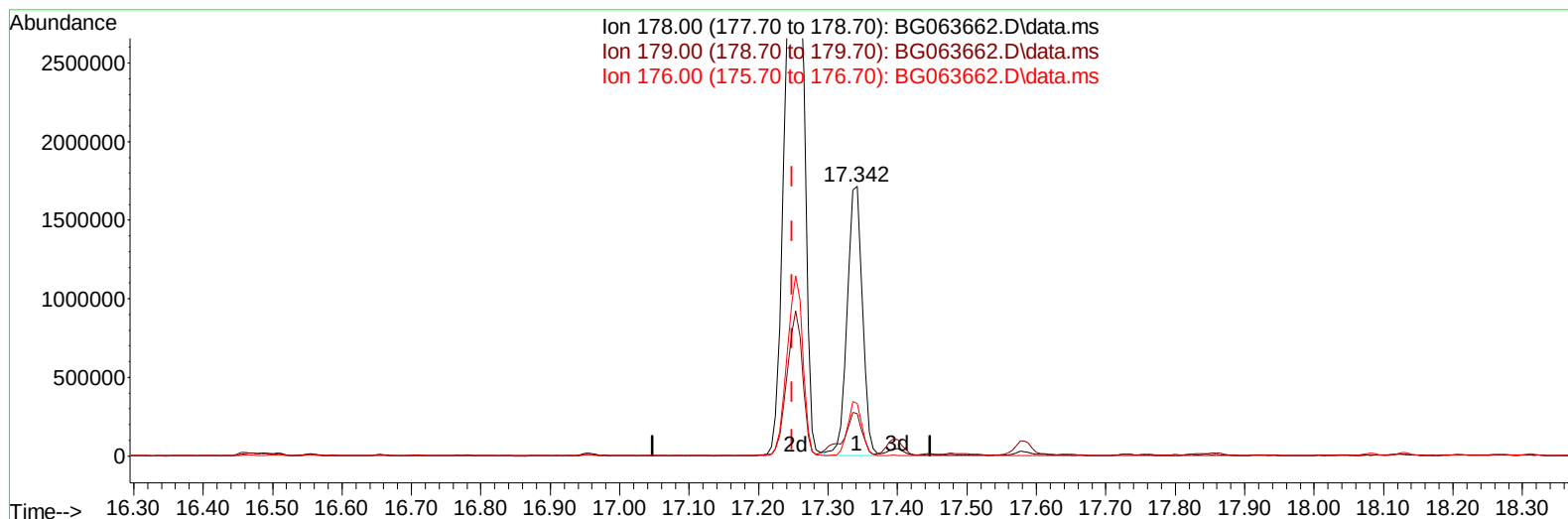
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
 Data File : BG063662.D
 Acq On : 12 Dec 2024 11:26
 Operator : RC/JU
 Sample : P5153-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28P3

Manual IntegrationsAPPROVED

Quant Time: Dec 12 22:49:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024



TIC: BG063662.D\data.ms

(72) Phenanthrene

17.342min (+ 0.094) 48.85 ng/ul

response 2592561

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	15.77
176.00	19.70	19.57
0.00	0.00	0.00

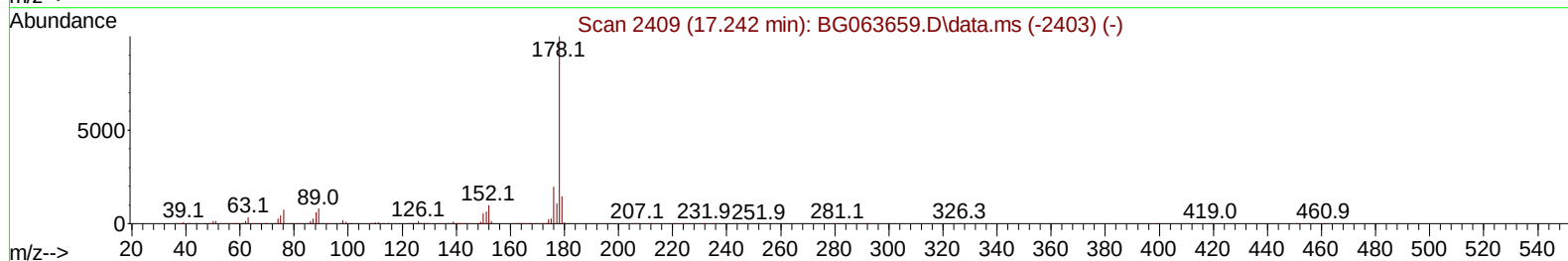
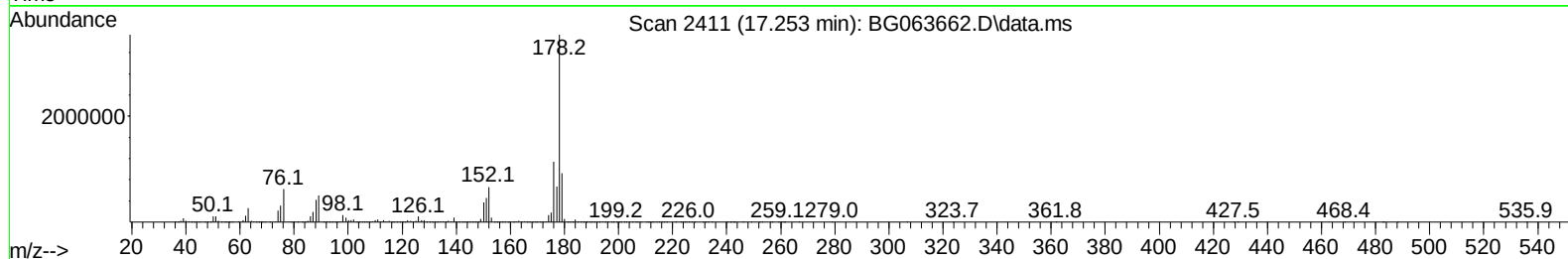
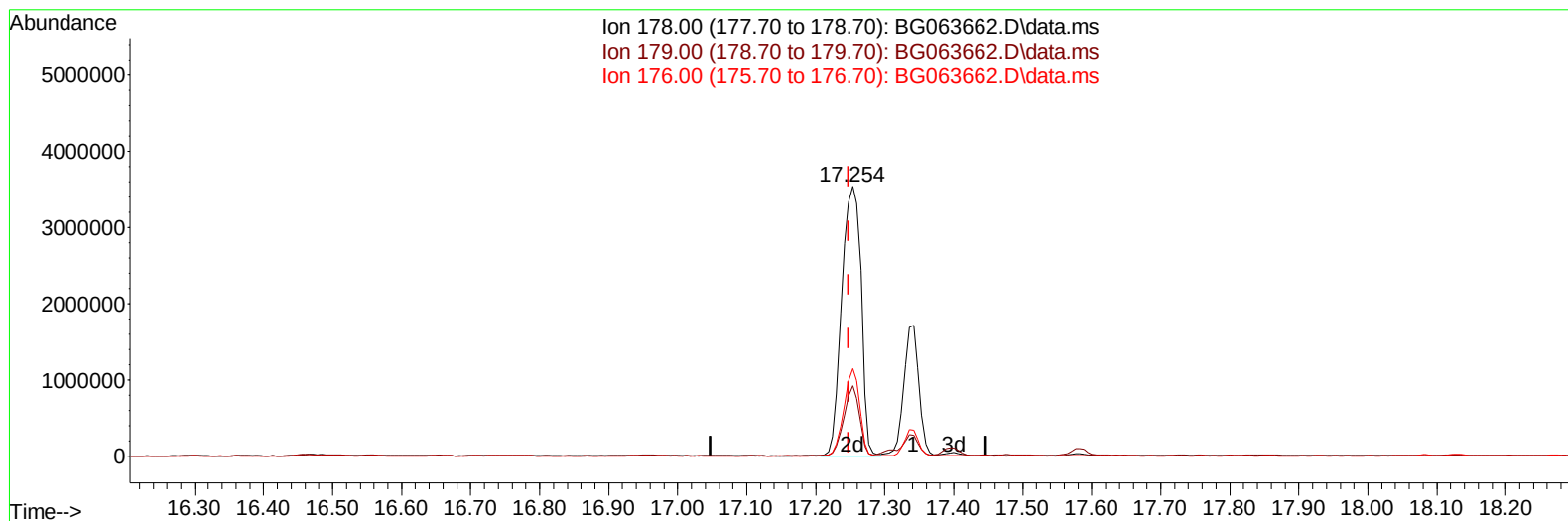
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TIC: BG063662.D\data.ms

(72) Phenanthrene

17.253min (+ 0.006) 129.45 ng/ul m

response 6870532

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	26.12#
176.00	19.70	32.33#
0.00	0.00	0.00

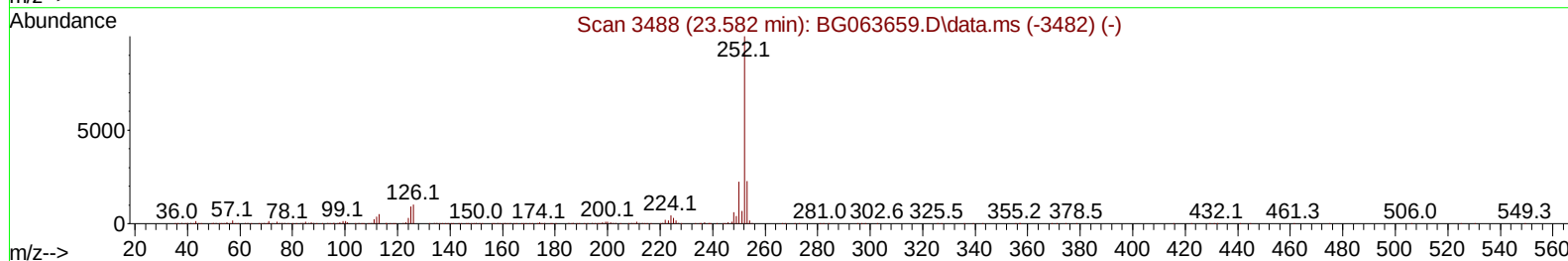
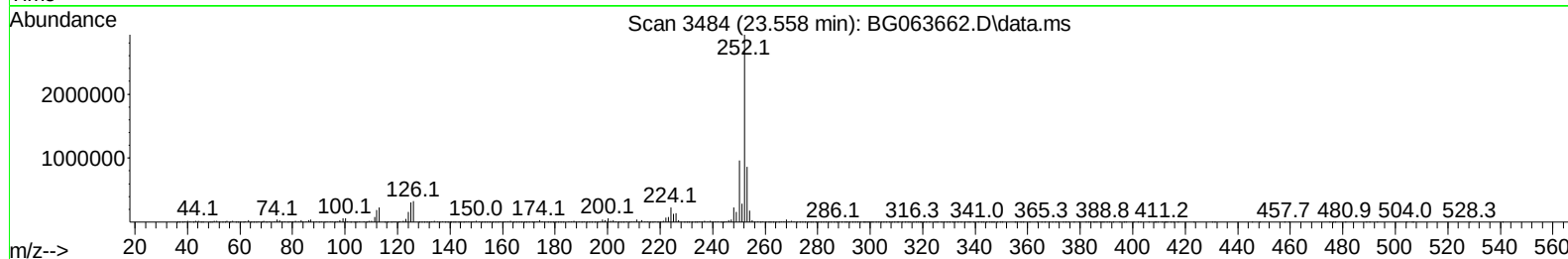
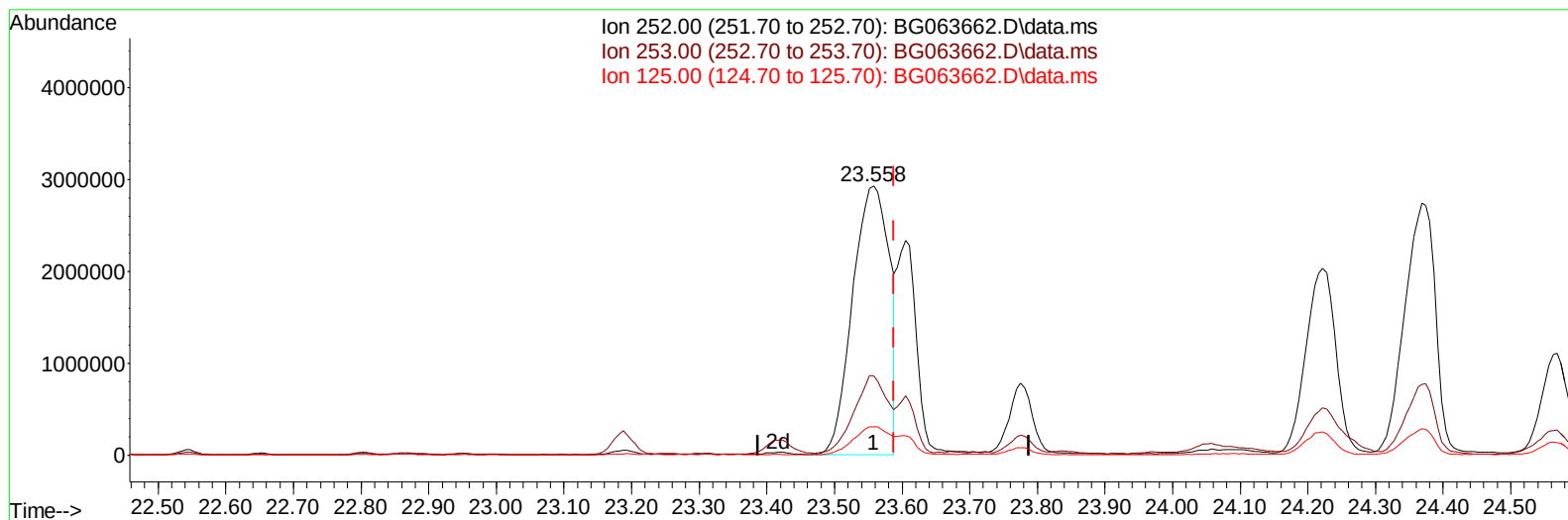
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Misc :
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TIC: BG063662.D\data.ms

(91) Benzo(k)fluoranthene

23.558min (-0.030) 155.11 ng/ul

response 10997603

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	29.42#
125.00	8.10	10.54#
0.00	0.00	0.00

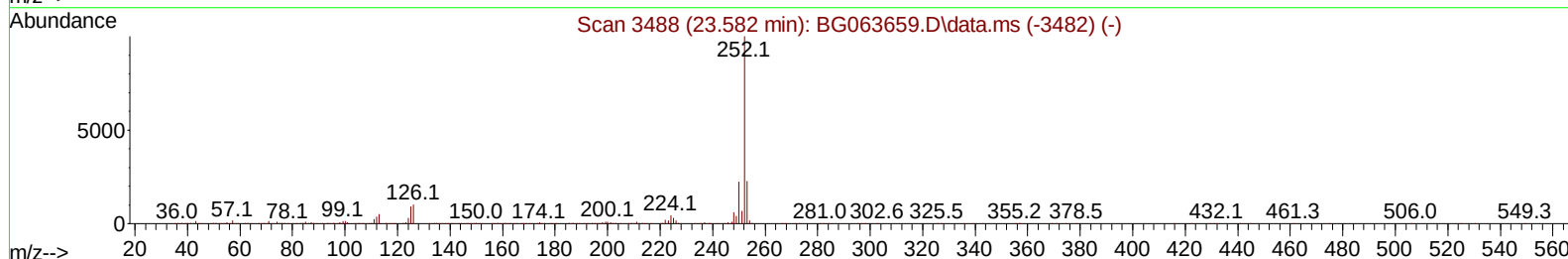
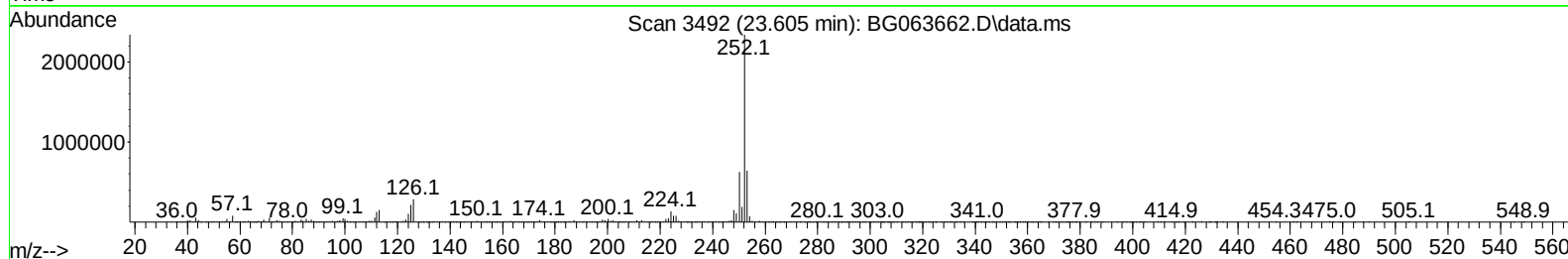
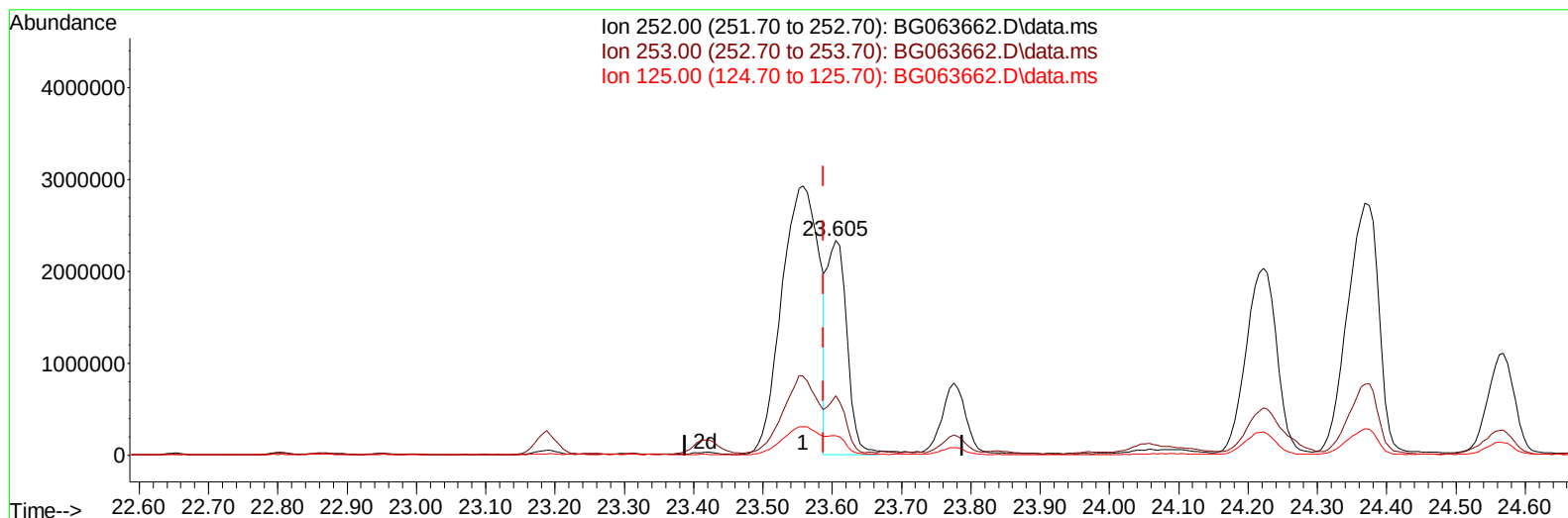
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TIC: BG063662.D\data.ms

(91) Benzo(k)fluoranthene

23.605min (+ 0.017) 64.92 ng/ul m

response 4602602

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	27.61#
125.00	8.10	9.14
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	194333	20.000	ng/ul	0.00
20) Naphthalene-d8	10.602	136	777369	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	534947	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	1101332	20.000	ng/ul	0.00
79) Chrysene-d12	21.466	240	1073951	20.000	ng/ul	0.00
88) Perylene-d12	24.492	264	1250602	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	22391	4.515	ng/uL	0.00
4) Pyridine-d5	3.687	84	332891	21.280	ng/ul	0.00
7) Phenol-d5	6.995	99	453891	25.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	316029	25.566	ng/ul	0.00
11) 2-Chlorophenol-d4	7.353	132	295013	25.460	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	341905	24.605	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	153620	27.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	152119	24.449	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.232	165	295375	24.521	ng/ul	0.00
31) 4-Chloroaniline-d4	10.738	131	340026	22.231	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	978267	26.875	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	1189491	28.666	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	37622	7.295	ng/ul	0.00
60) Fluorene-d10	15.444	176	861759	26.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	10863	1.900	ng/ul	0.00
73) Anthracene-d10	17.306	188	1369492	28.923	ng/ul	0.00
81) Pyrene-d10	19.604	212	1450311	25.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.292	264	1565532	26.657	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.018	94	27105	1.421	ng/ul	95
30) Naphthalene	10.649	128	682560	17.562	ng/ul	98
36) 2-Methylnaphthalene	12.265	142	529683	18.962	ng/ul	97
37) 1-Methylnaphthalene	12.483	142	397953	13.986	ng/ul	99
43) 1,1'-Biphenyl	13.282	154	99005	2.806	ng/ul#	92
52) Acenaphthene	14.516	153	861833	27.329	ng/ul	99
56) Dibenzofuran	14.850	168	709624	15.961	ng/ul	98
61) Fluorene	15.503	166	769990	21.689	ng/ul	96
72) Phenanthrene	17.253	178	6870532m	129.455	ng/ul	
74) Anthracene	17.342	178	2592561	48.263	ng/ul	98
77) Carbazole	17.606	167	1013460	23.307	ng/ul	99
78) Di-n-butylphthalate	18.170	149	71856	1.368	ng/ul	97
80) Fluoranthene	19.286	202	9868614	155.364	ng/ul#	68
82) Pyrene	19.645	202	9563438	141.513	ng/ul#	64
85) Benzo(a)anthracene	21.449	228	7571711	112.498	ng/ul#	67
86) Bis(2-ethylhexyl)phtha...	21.349	149	44683	1.481	ng/ul#	95
87) Chrysene	21.513	228	7740000	120.658	ng/ul#	65
90) Benzo(b)fluoranthene	23.558	252	10997603	154.725	ng/ul#	88
91) Benzo(k)fluoranthene	23.605	252	4602602m	64.916	ng/ul	
93) Benzo(a)pyrene	24.369	252	8545098	128.081	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	27.935	276	6314503	77.501	ng/ul	98
95) Dibenzo(a,h)anthracene	27.953	278	1543911	23.682	ng/ul#	91
96) Benzo(g,h,i)perylene	29.004	276	6325571	97.838	ng/ul	97

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

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

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