

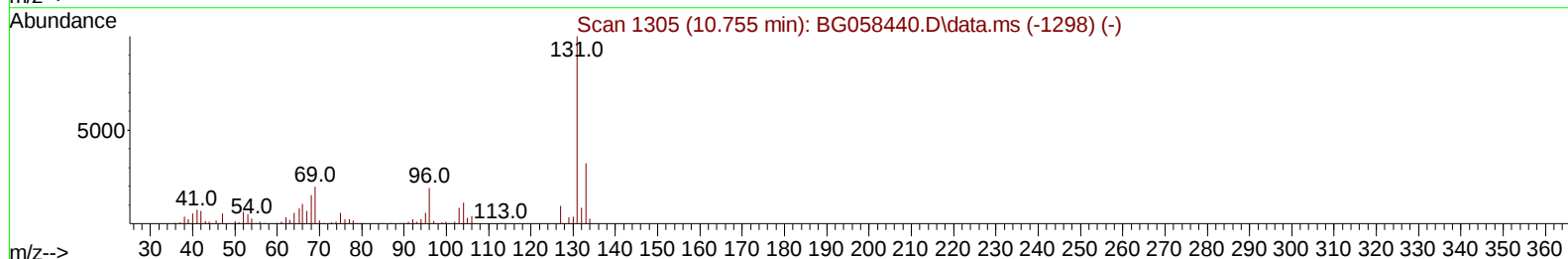
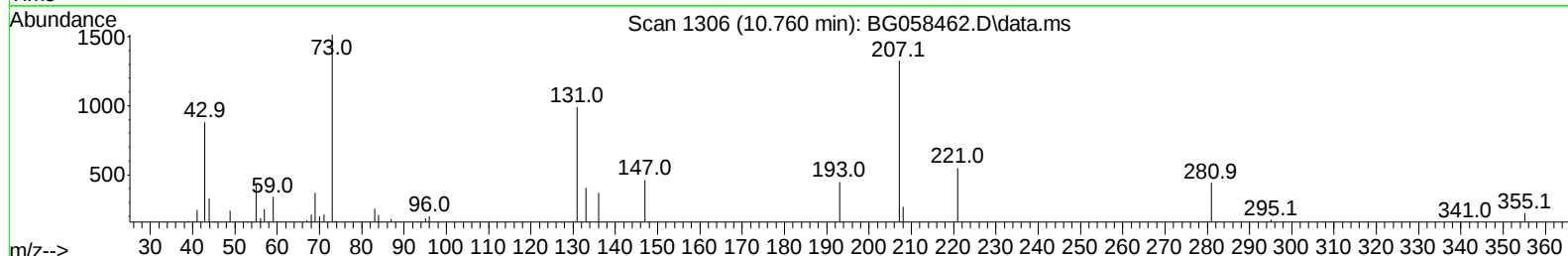
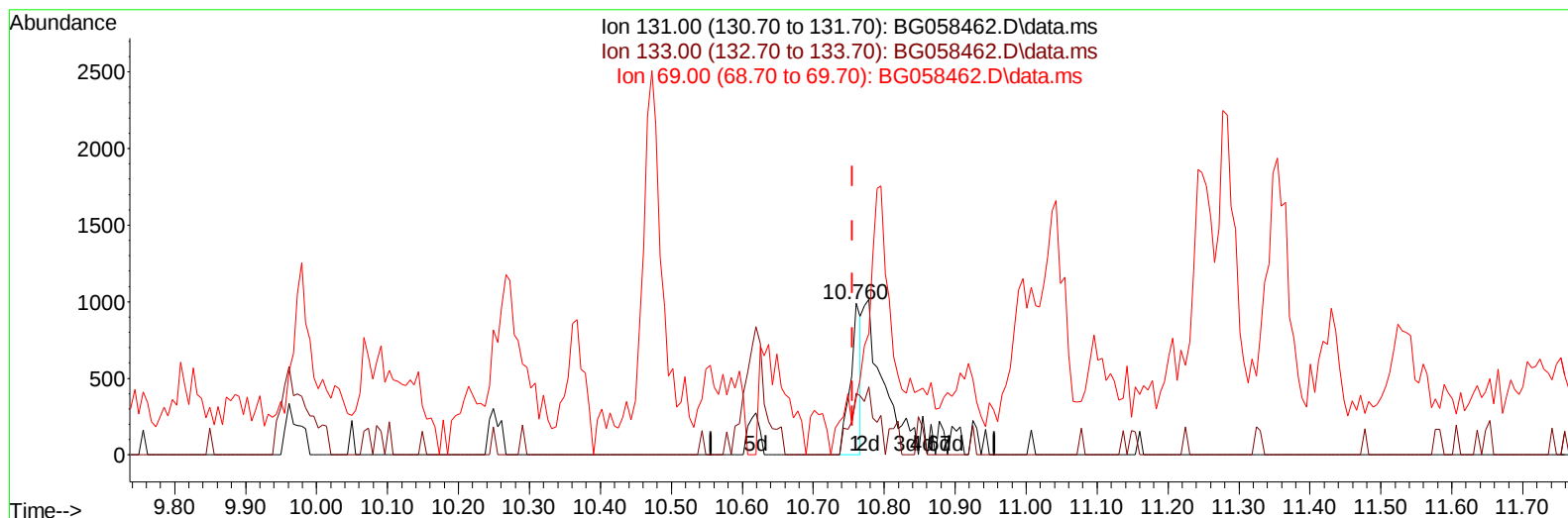
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058462.D
 Acq On : 26 Jul 2023 1:53
 Operator : CG/JU
 Sample : 03540-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4730

Manual IntegrationsAPPROVED

Quant Time: Jul 26 02:53:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058462.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.760min (+ 0.005) 0.27 ng/u1

response 1053

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	40.91#
69.00	18.60	37.37#
0.00	0.00	0.00

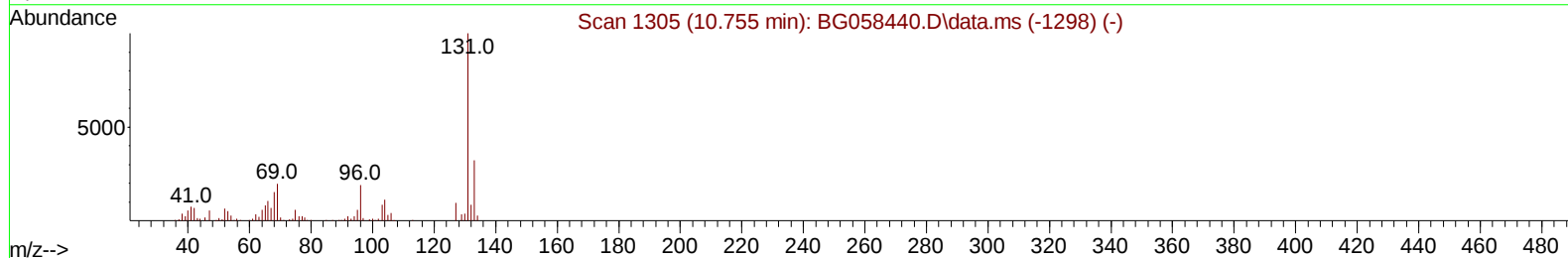
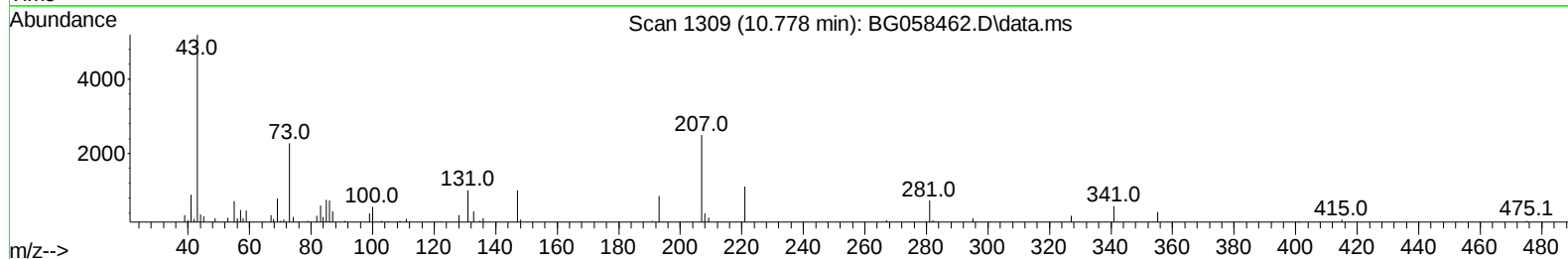
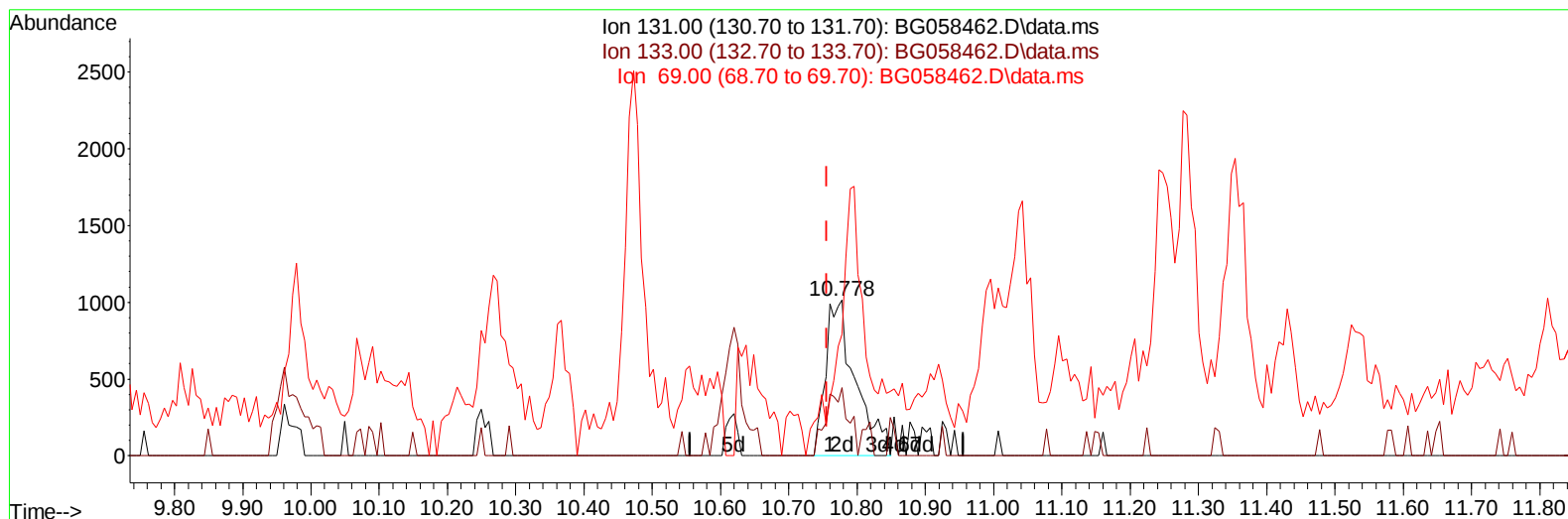
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TIC: BG058462.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.778min (+ 0.022) 0.80 ng/ul m

response 3088

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	43.98#
69.00	18.60	78.21#
0.00	0.00	0.00

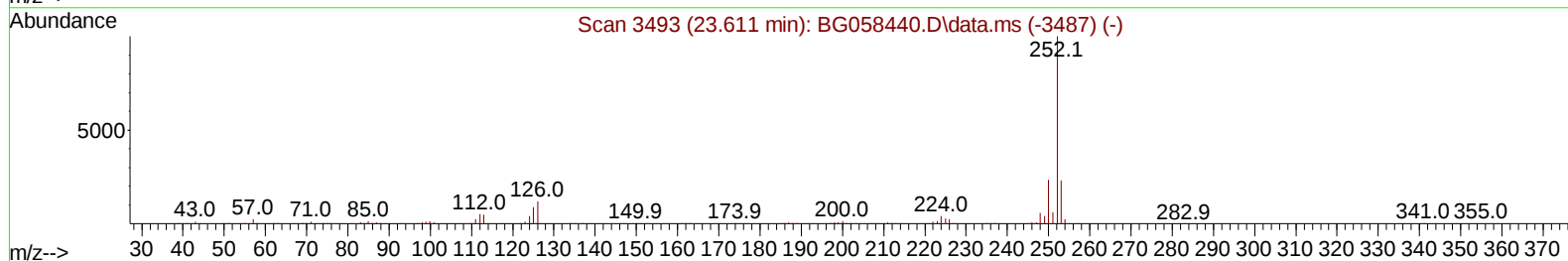
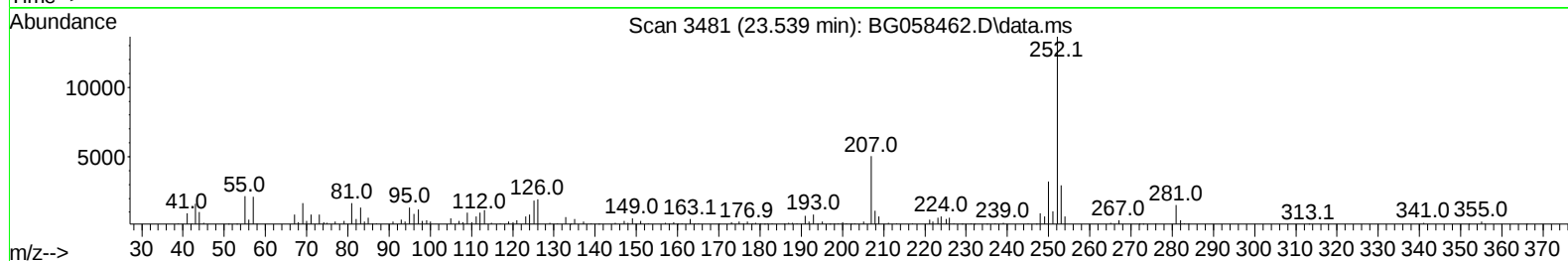
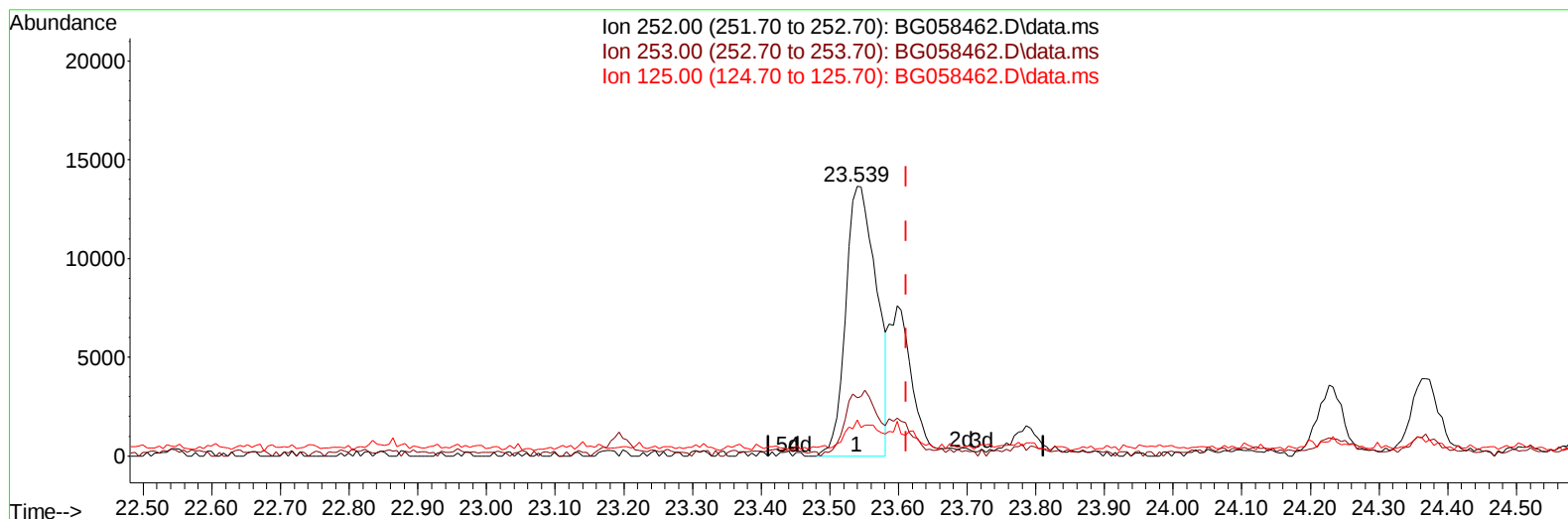
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TIC: BG058462.D\data.ms

(91) Benzo(k)fluoranthene

23.539min (-0.072) 2.79 ng/u1

response 42590

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	21.55
125.00	9.20	13.43#
0.00	0.00	0.00

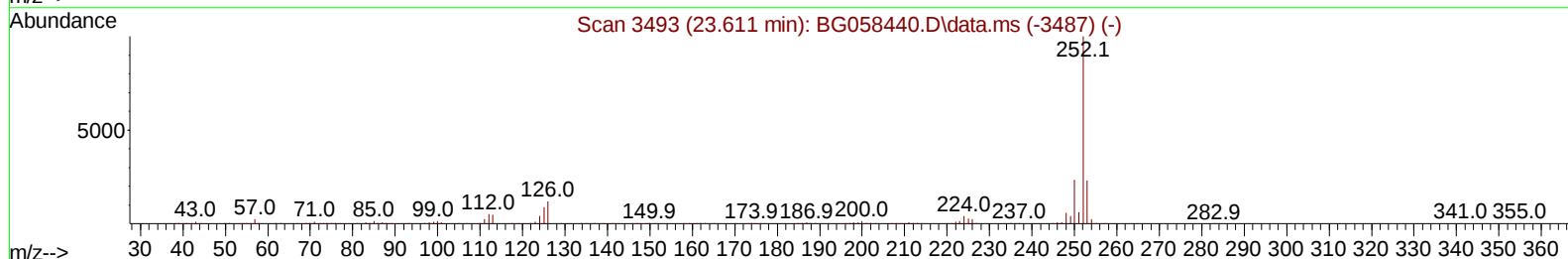
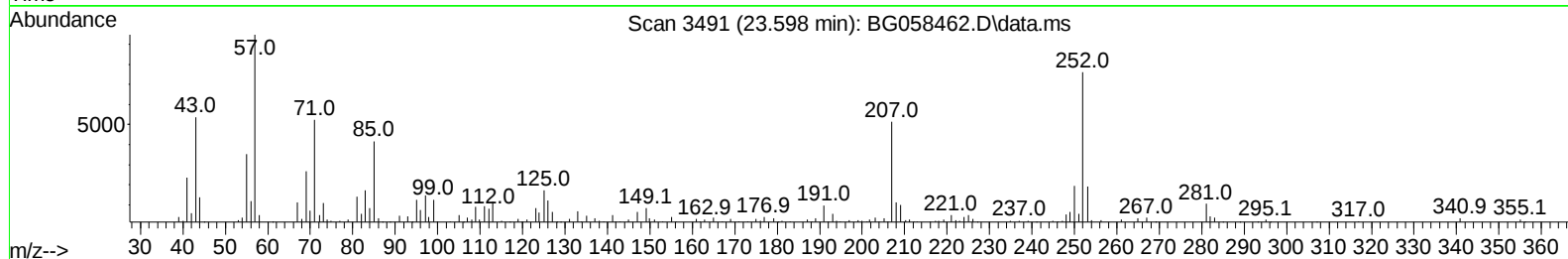
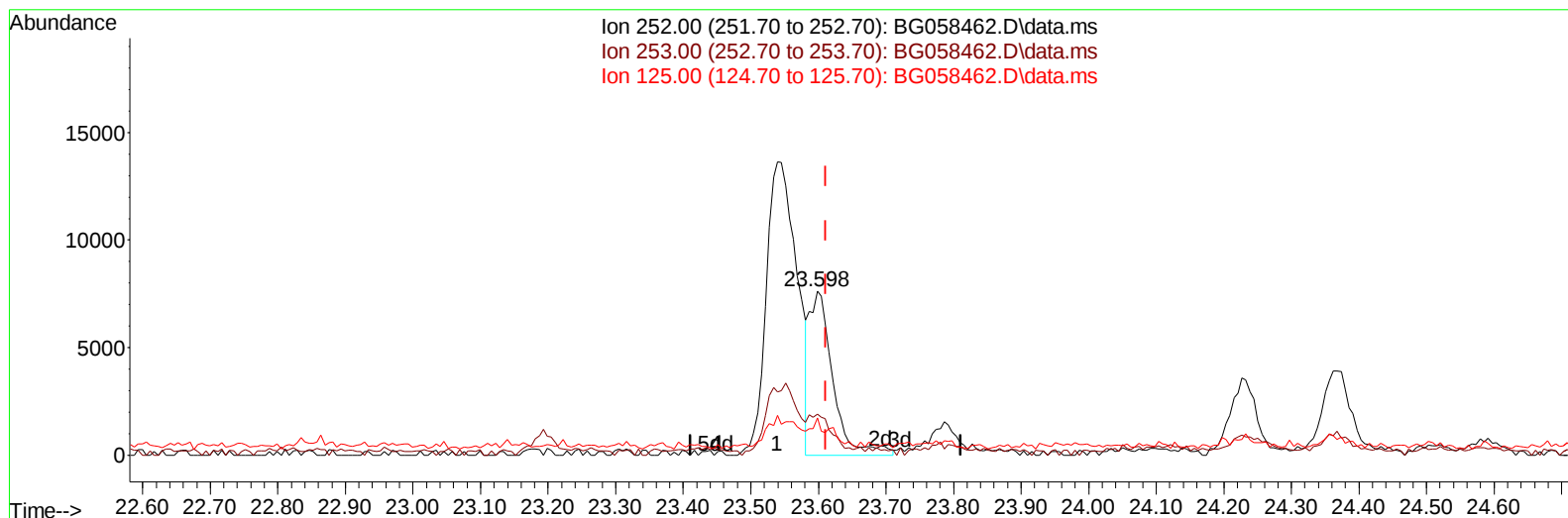
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TIC: BG058462.D\data.ms

(91) Benzo(k)fluoranthene

23.598min (-0.013) 1.20 ng/ul m

response 18385

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	25.17
125.00	9.20	22.86#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 02:55:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	39878	20.000	ng/ul	0.00
20) Naphthalene-d8	10.613	136	170464	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.462	164	116835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	295579	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	266939	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	264734	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	2421	2.235	ng/uL	0.00
4) Pyridine-d5	3.651	84	30204	9.392	ng/ul	0.00
7) Phenol-d5	6.988	99	25560	6.757	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	25029	10.586	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	22570	8.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.539	113	719	0.249	ng/ul	0.01
21) Nitrobenzene-d5	8.980	128	12804	10.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	14637	10.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	14021	5.243	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	3088m	0.797	ng/ul	0.02
46) Dimethylphthalate-d6	13.868	166	98253	10.906	ng/ul	0.00
49) Acenaphthylene-d8	14.156	160	101435	10.743	ng/ul	0.00
54) 4-Nitrophenol-d4	14.703	143	5442m	4.000	ng/ul	0.02
60) Fluorene-d10	15.455	176	92581	12.412	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.584	200	4320	2.869	ng/ul	0.00
73) Anthracene-d10	17.306	188	85191	6.670	ng/ul	0.00
81) Pyrene-d10	19.597	212	170692	10.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.303	264	75885	5.931	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.639	105	12464	2.536	ng/ul	93
72) Phenanthrene	17.247	178	49136	3.498	ng/ul	99
80) Fluoranthene	19.262	202	83511	4.624	ng/ul	99
82) Pyrene	19.626	202	56008	3.060	ng/ul	98
85) Benzo(a)anthracene	21.430	228	35291	1.967	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	22820	2.226	ng/ul	98
87) Chrysene	21.489	228	35446	2.083	ng/ul	97
90) Benzo(b)fluoranthene	23.539	252	42590	2.781	ng/ul#	95
91) Benzo(k)fluoranthene	23.598	252	18385m	1.203	ng/ul	

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

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