

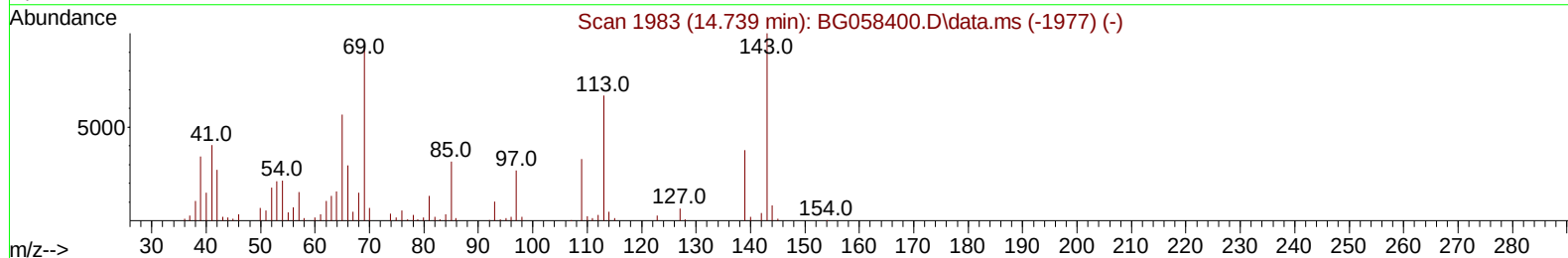
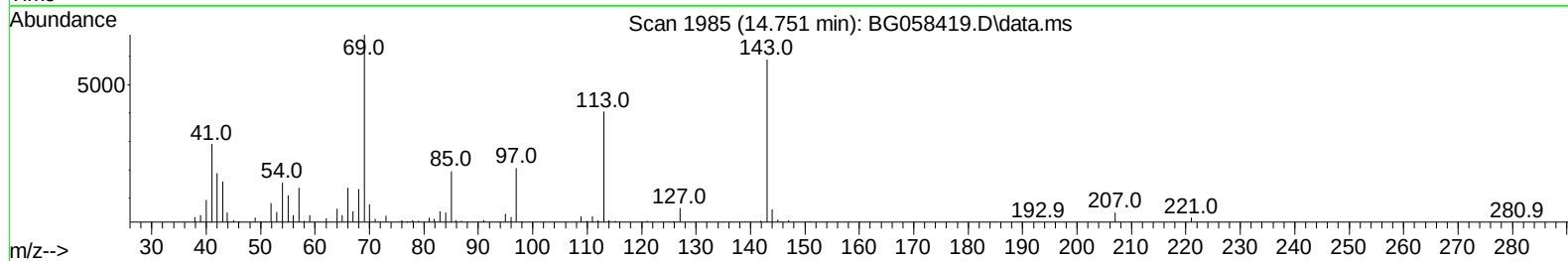
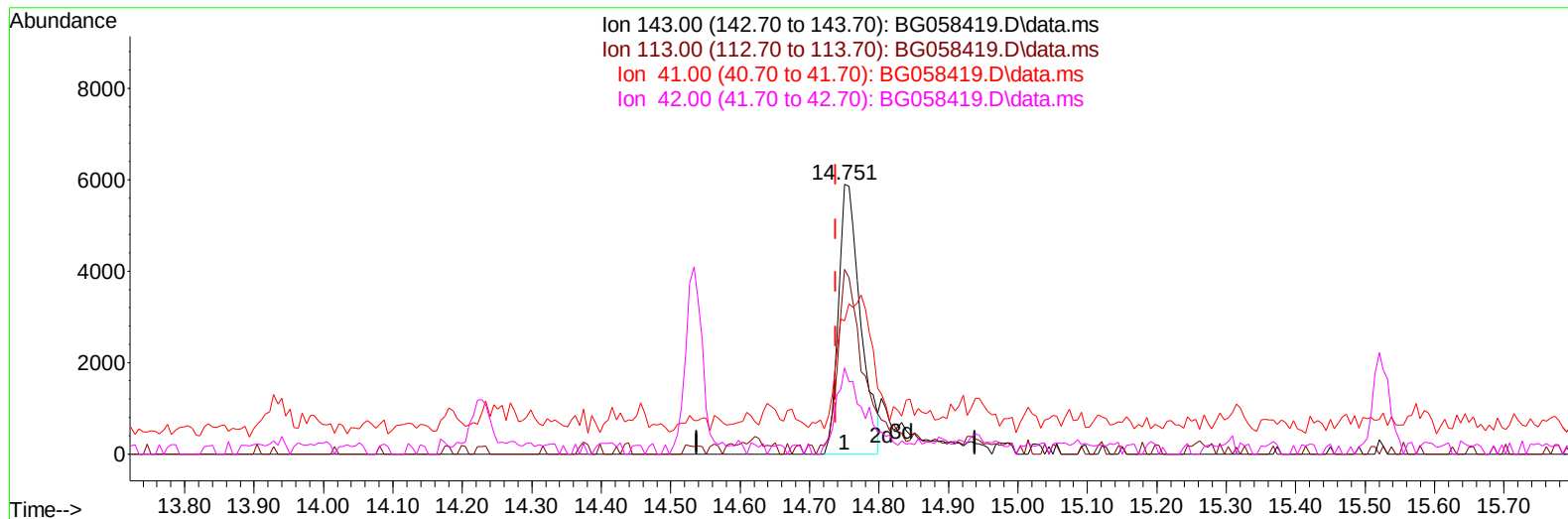
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058419.D
Acq On : 23 Jul 2023 3:52
Operator : CG/JU
Sample : 03504-12RE
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46S6RE

Manual IntegrationsAPPROVED

Quant Time: Jul 23 04:27:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



TIC: BG058419.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.751min (+ 0.013) 5.01 ng/ul

response 13009

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	67.80	68.59
41.00	46.40	49.29
42.00	30.60	31.89

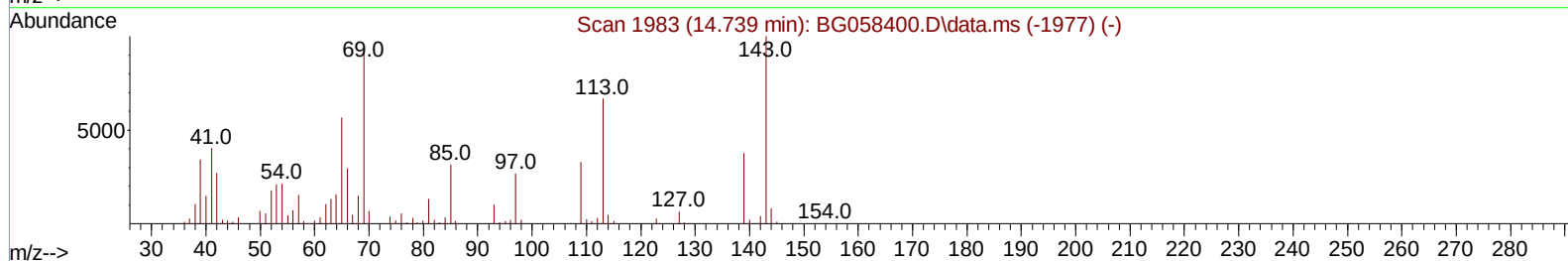
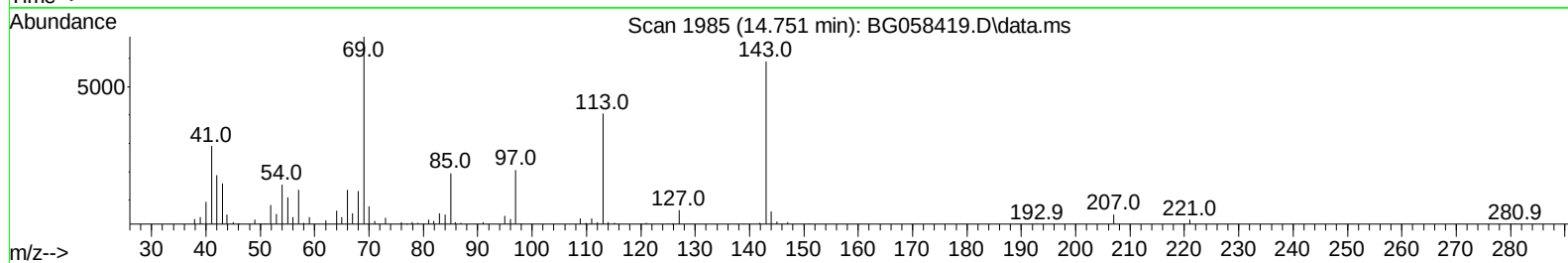
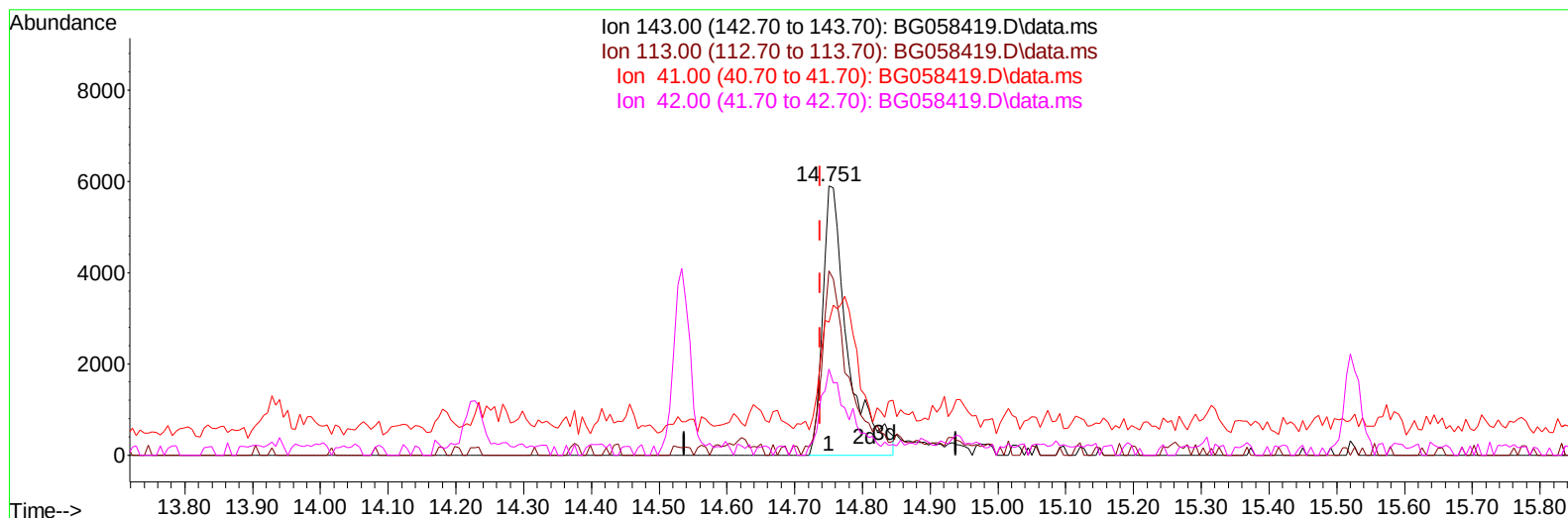
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TIC: BG058419.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.751min (+ 0.013) 5.78 ng/ul m

response 14994

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	67.80	68.59
41.00	46.40	49.29
42.00	30.60	31.89

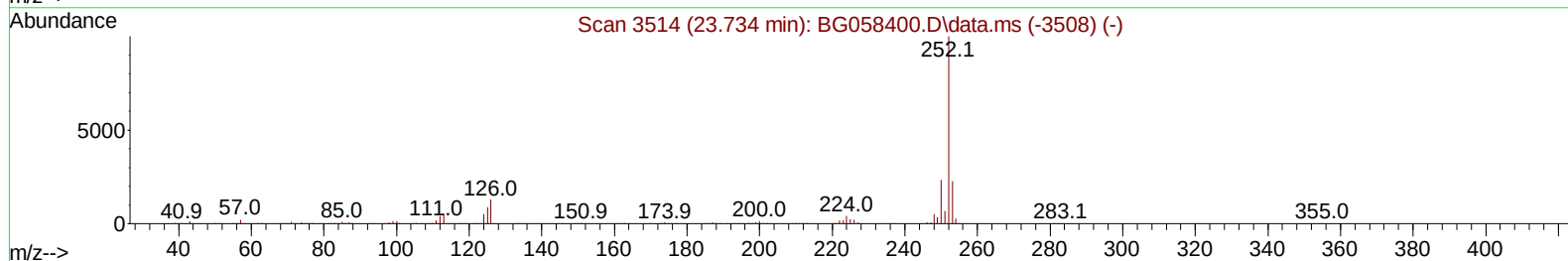
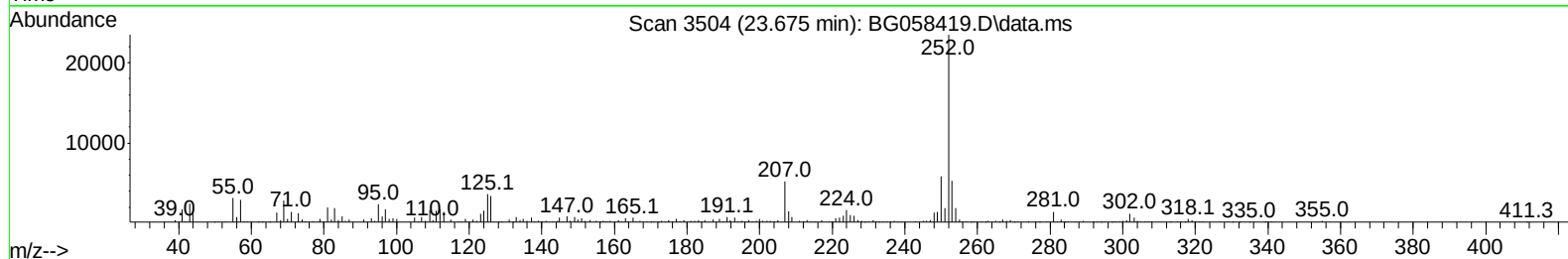
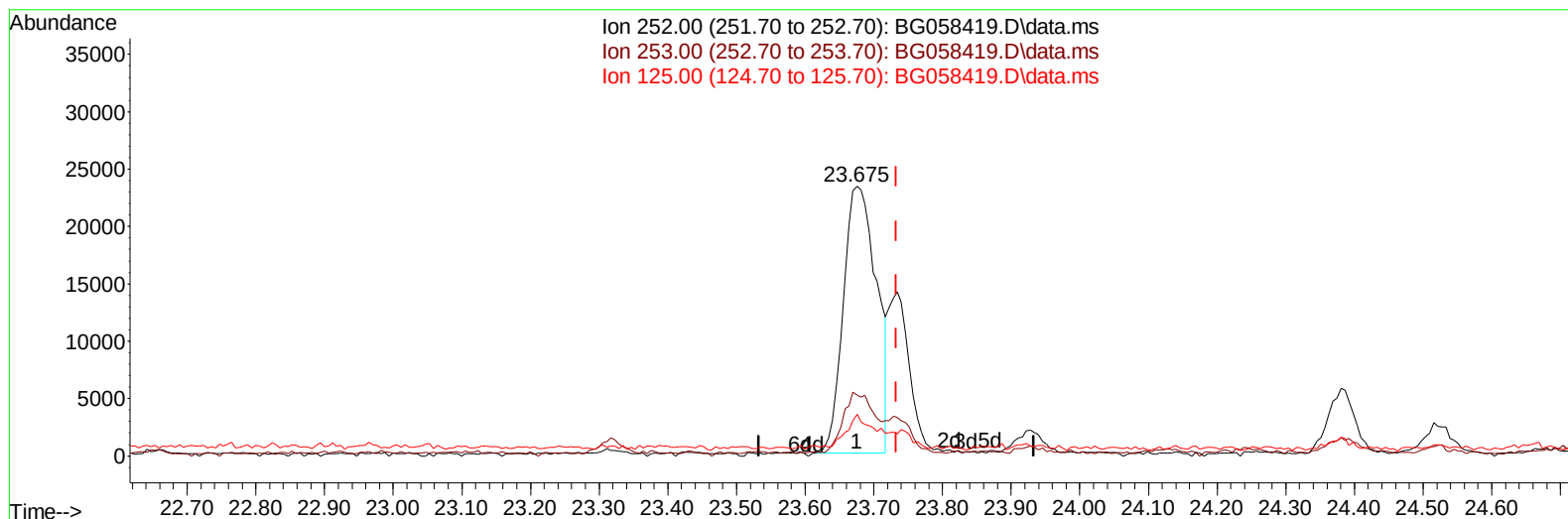
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG058419.D\data.ms

(91) Benzo(k)fluoranthene

23.675min (-0.058) 3.54 ng/u1

response 78361

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	22.51
125.00	9.20	15.47#
0.00	0.00	0.00

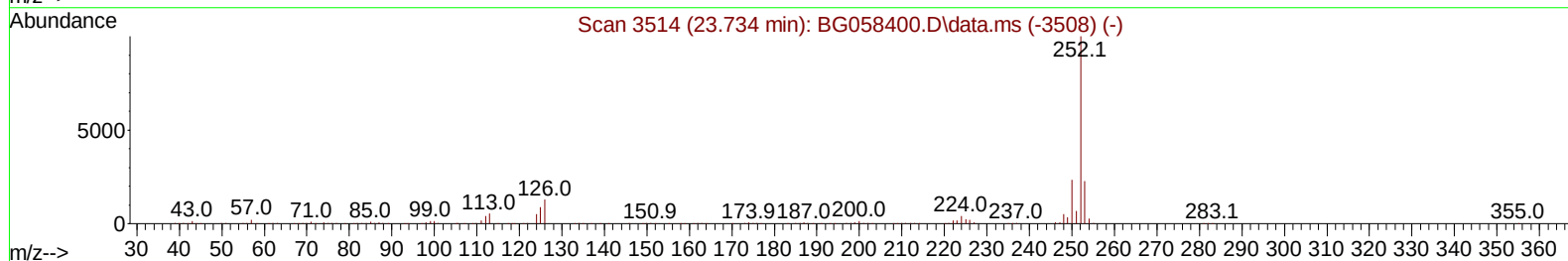
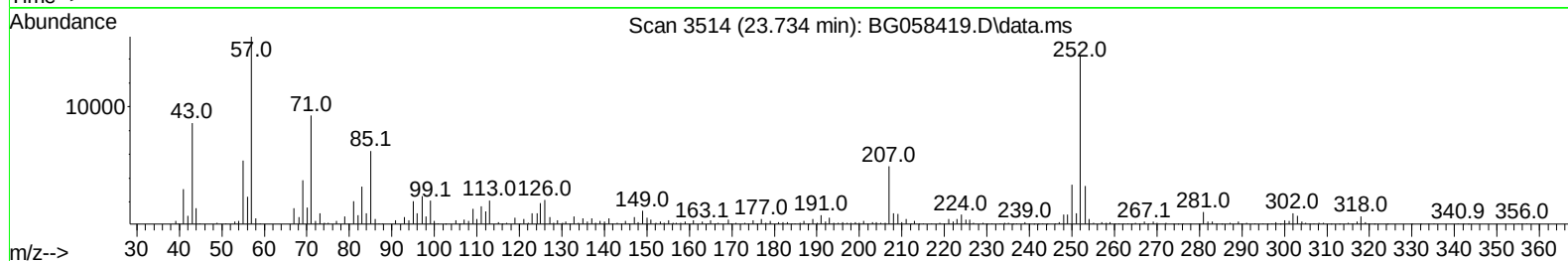
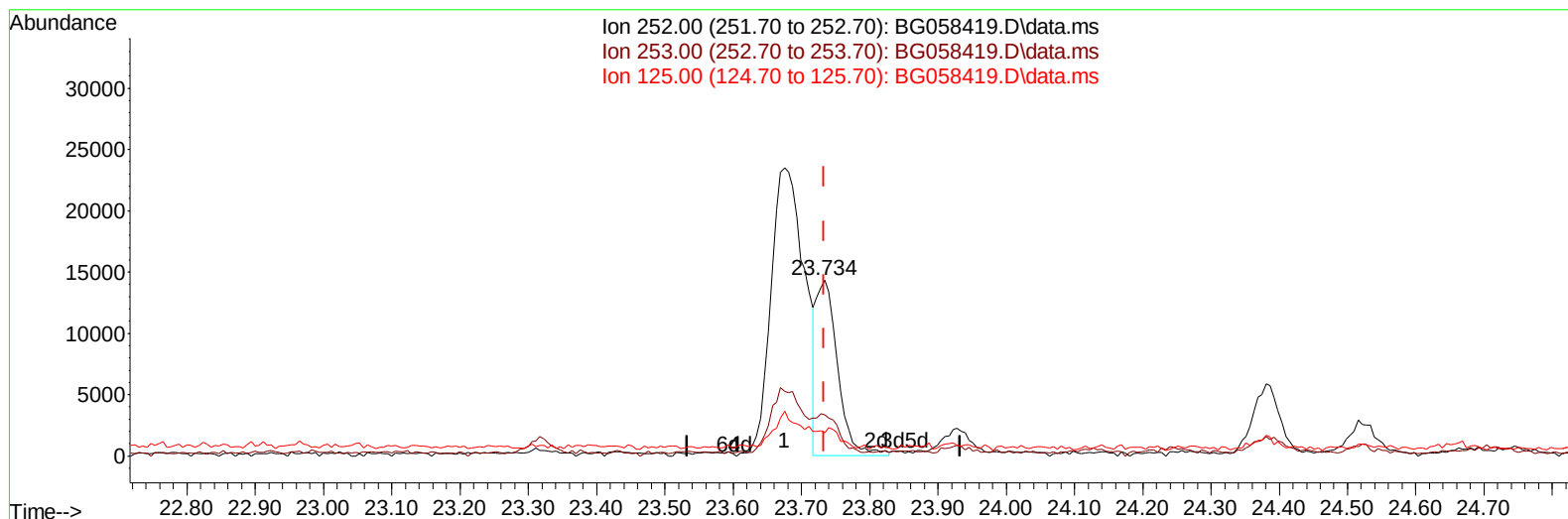
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TIC: BG058419.D\data.ms

(91) Benzo(k)fluoranthene

23.734min (+ 0.001) 1.40 ng/ul m

response 31141

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.28
125.00	9.20	13.30#
0.00	0.00	0.00

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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 23 04:30:06 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	79663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	345557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	222817	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	459930	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	384212	20.000	ng/ul	0.00
88) Perylene-d12	24.674	264	384134	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3435	1.587	ng/uL	0.00
4) Pyridine-d5	3.746	84	73293	11.409	ng/ul	0.00
7) Phenol-d5	7.065	99	16590	2.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	43483	9.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	17342	3.278	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	2032	0.353	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	25226	9.739	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	25824	9.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	4002	0.738	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	925	0.118	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	154918	9.016	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	150208	8.342	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	14994m	5.778	ng/ul	0.01
60) Fluorene-d10	15.526	176	139313	9.793	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	2460	1.050	ng/ul	0.00
73) Anthracene-d10	17.377	188	58421	2.940	ng/ul	0.00
81) Pyrene-d10	19.668	212	174570	7.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	23281	1.254	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.318	178	42952	1.965	ng/ul	98
80) Fluoranthene	19.333	202	116771	4.492	ng/ul	98
82) Pyrene	19.698	202	82121	3.118	ng/ul	96
85) Benzo(a)anthracene	21.513	228	59138	2.290	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	33621	2.279	ng/ul	93
87) Chrysene	21.578	228	63229	2.581	ng/ul	95
90) Benzo(b)fluoranthene	23.675	252	78361	3.526	ng/ul#	94
91) Benzo(k)fluoranthene	23.734	252	31141m	1.405	ng/ul	

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

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