

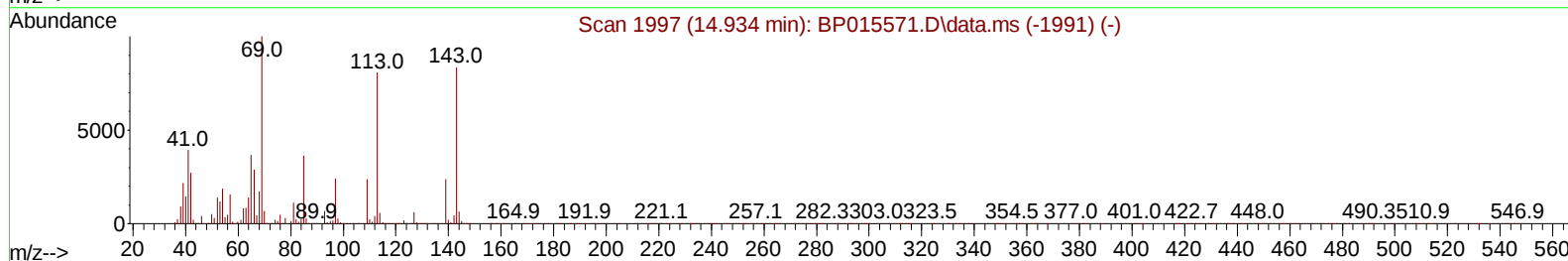
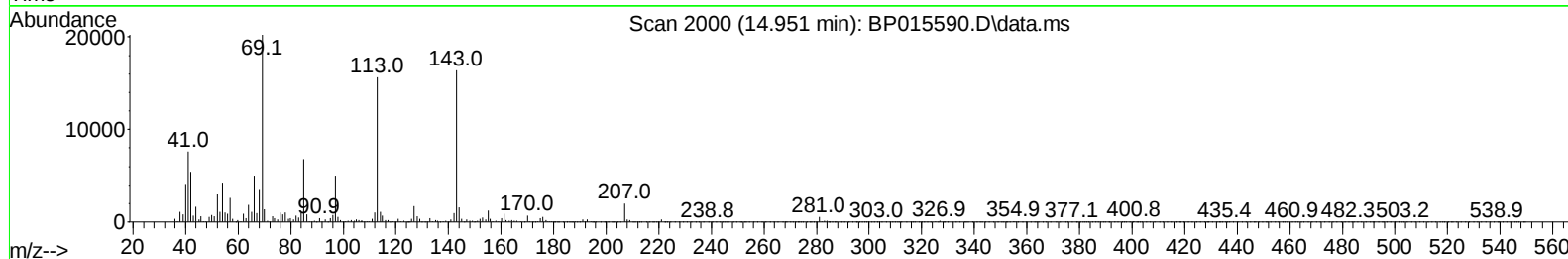
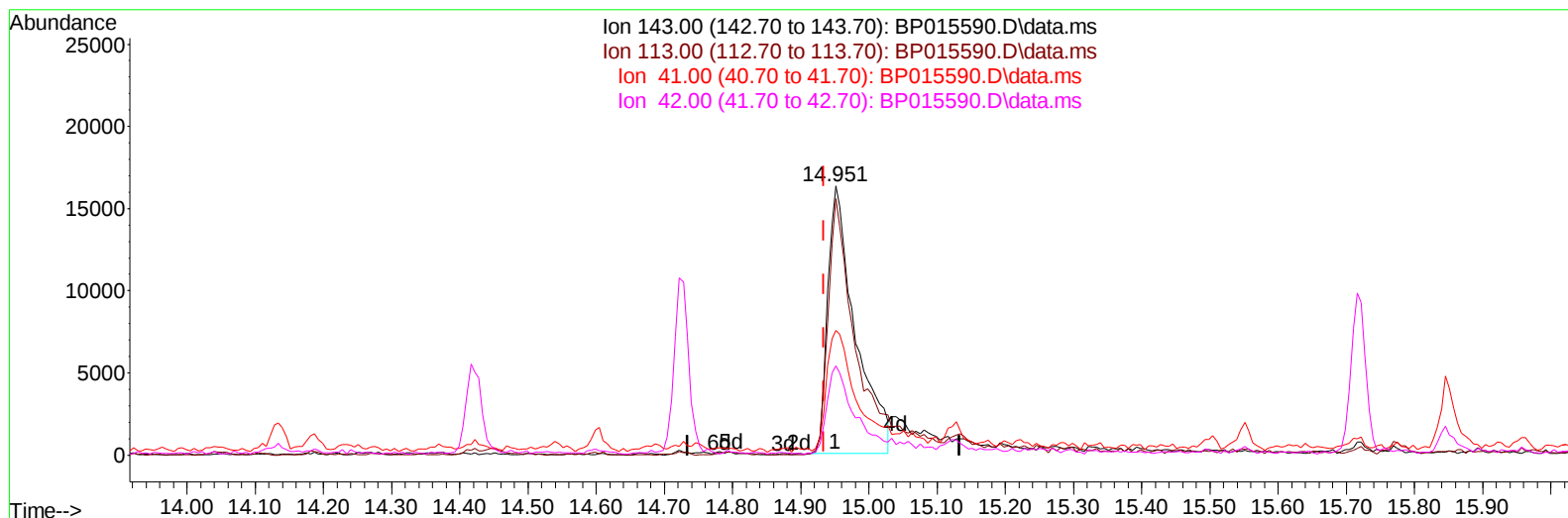
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015590.D
Acq On : 16 Jun 2023 20:52
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH0

Manual IntegrationsAPPROVED

Quant Time: Jun 16 22:09:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



TIC: BP015590.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.018) 7.69 ng/u1

response 45502

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	95.42
41.00	42.20	46.46
42.00	29.40	33.23

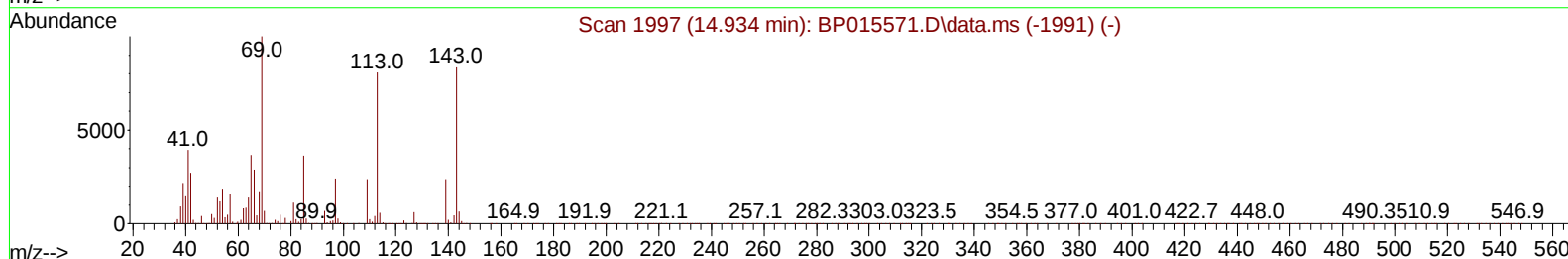
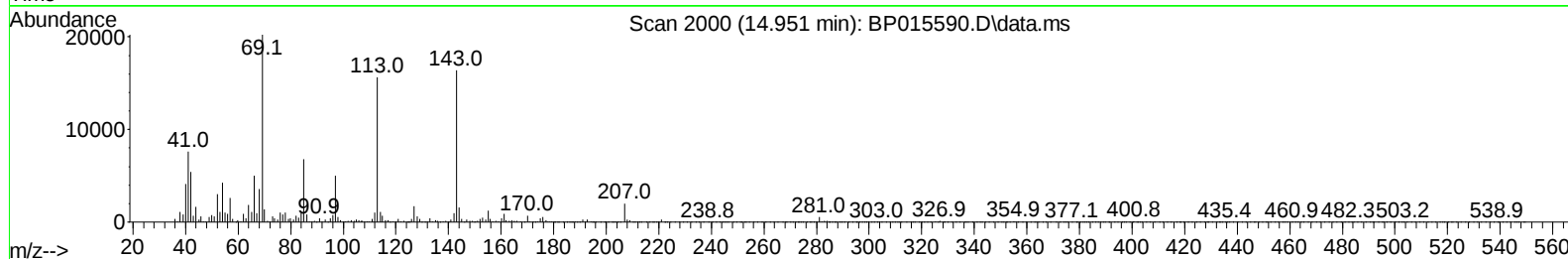
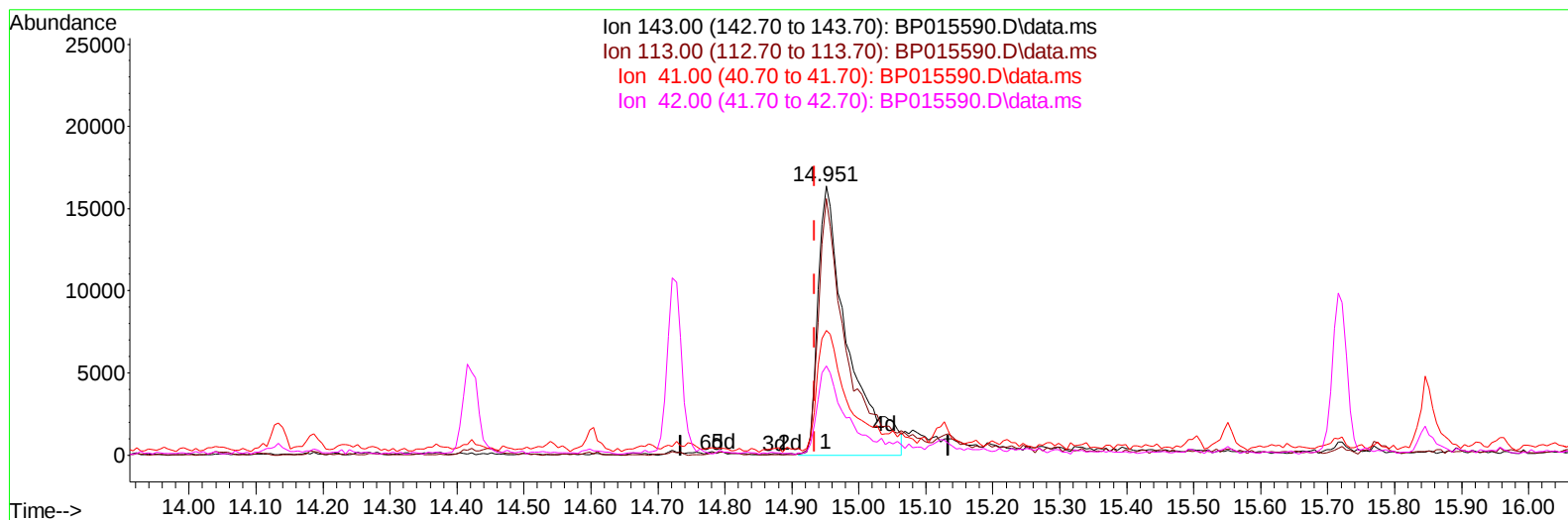
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TIC: BP015590.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.018) 8.52 ng/ul m

response 50464

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	95.42
41.00	42.20	46.46
42.00	29.40	33.23

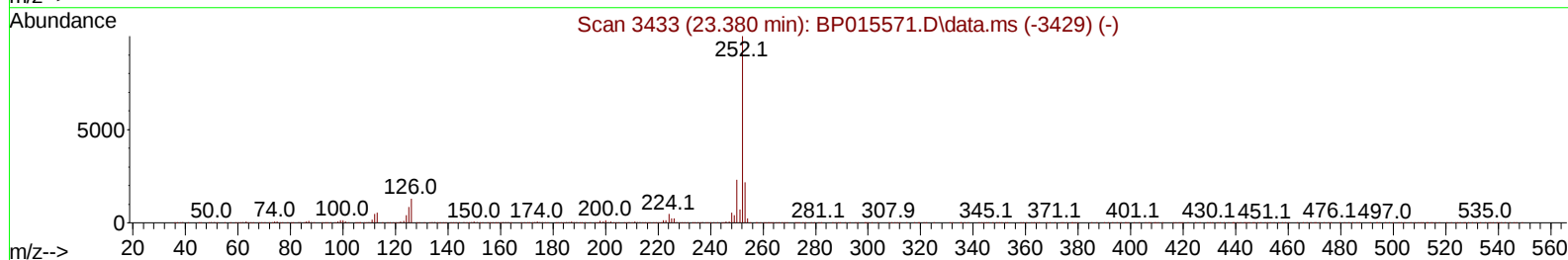
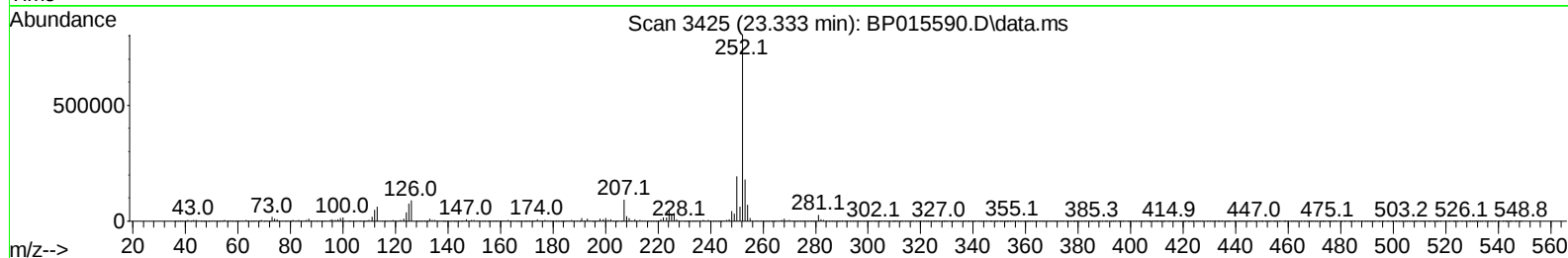
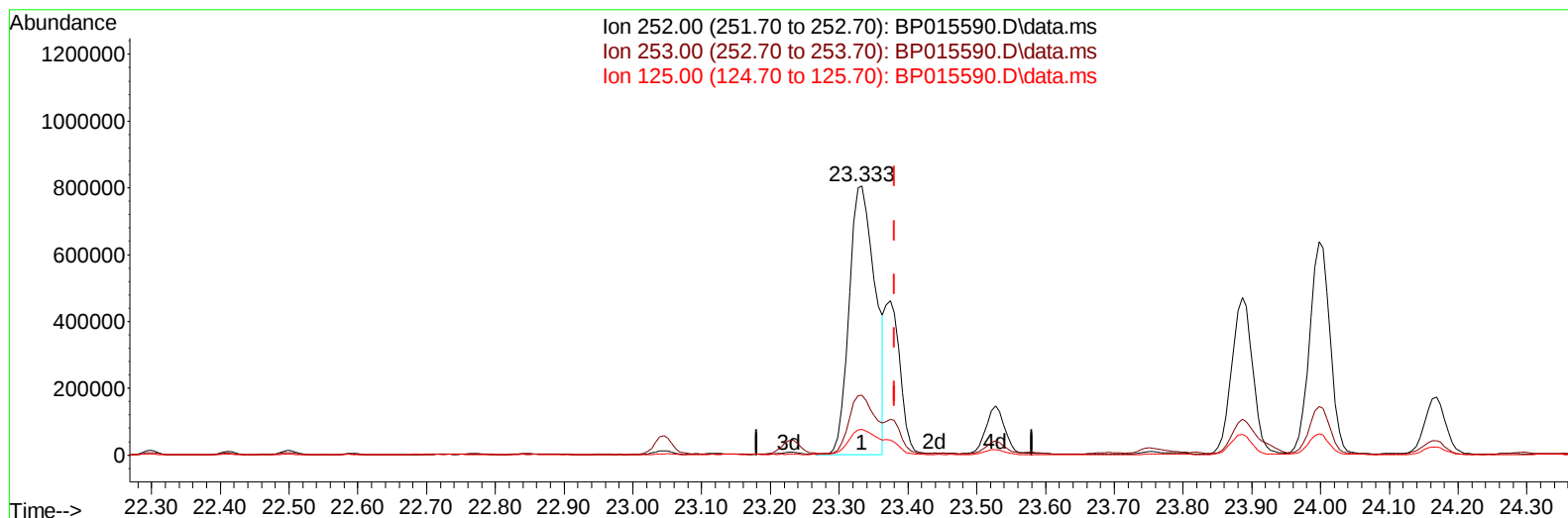
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Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 16 23:12:35 2023
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TIC: BP015590.D\data.ms

(91) Benzo(k)fluoranthene

23.333min (-0.047) 33.46 ng/u1

response 2122649

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.38
125.00	9.10	9.46
0.00	0.00	0.00

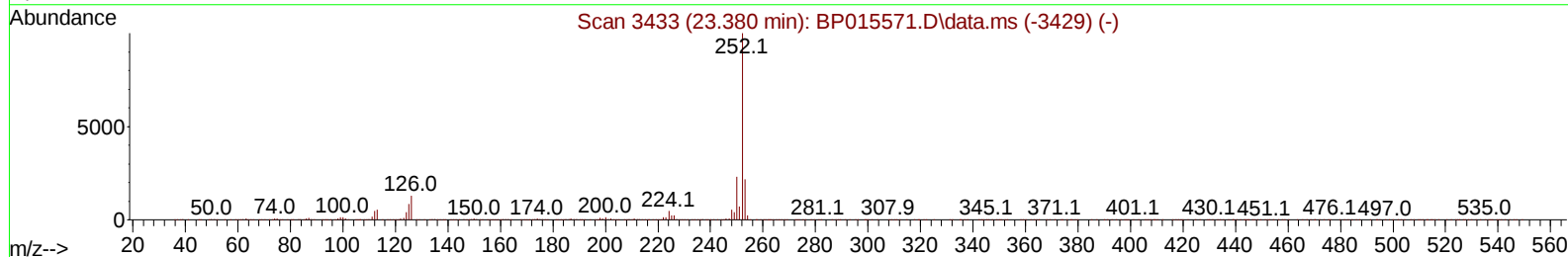
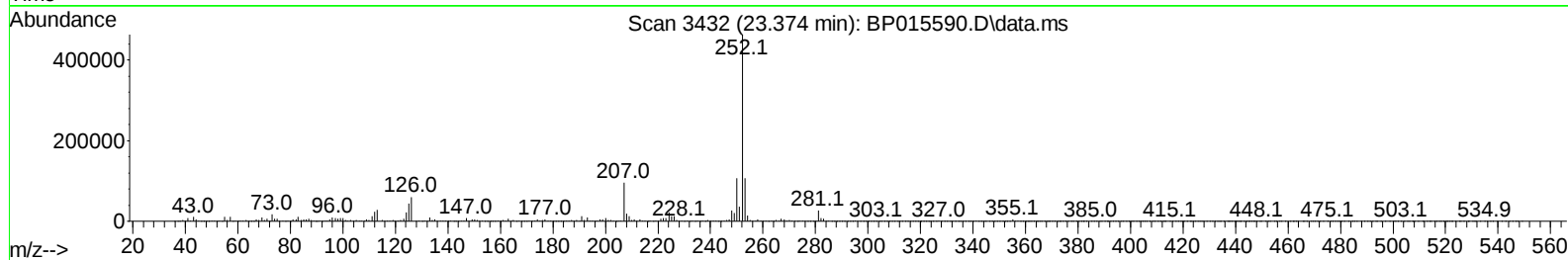
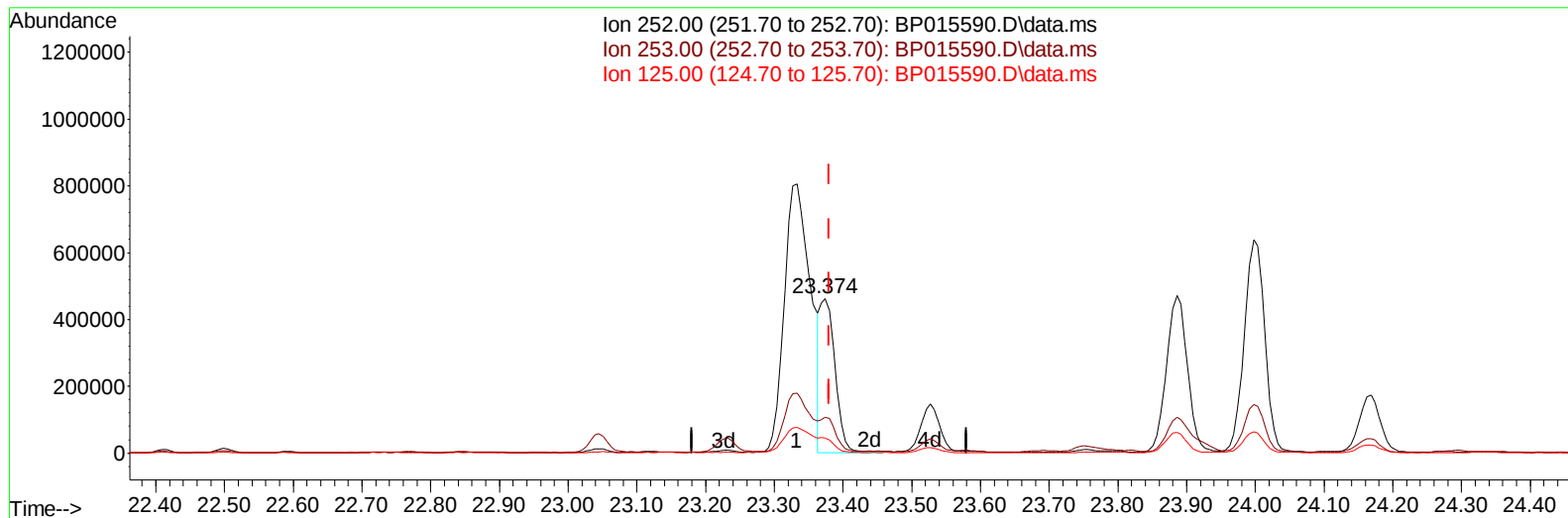
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TIC: BP015590.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.006) 11.16 ng/ul m

response 707793

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.13
125.00	9.10	9.54
0.00	0.00	0.00

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 23:12:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	143988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	633712	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	419197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	983341	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	964449	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1016537	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9677	2.489	ng/uL	0.00
4) Pyridine-d5	3.852	84	98445	9.747	ng/ul	0.00
7) Phenol-d5	7.240	99	186830	14.084	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	122203	15.425	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	150182	15.615	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	123768	11.369	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	74591	14.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	84291	14.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	152869	14.749	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	91851	6.174	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	546515	16.533	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	594102	16.436	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	50464m	8.525	ng/ul	0.02
60) Fluorene-d10	15.722	176	468667	16.813	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	68484	10.993	ng/ul	0.00
73) Anthracene-d10	17.580	188	724540	16.194	ng/ul	0.00
81) Pyrene-d10	19.804	212	974113	18.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	888717	17.424	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	93365	2.332	ng/ul	98
61) Fluorene	15.775	166	38722	1.211	ng/ul	97
72) Phenanthrene	17.528	178	1205893	22.852	ng/ul	99
74) Anthracene	17.616	178	281149	5.251	ng/ul	99
80) Fluoranthene	19.480	202	3411491	54.257	ng/ul	99
82) Pyrene	19.833	202	2887353	44.386	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1777220	26.359	ng/ul	99
87) Chrysene	21.604	228	1700075	26.677	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	2122649	32.349	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	707793m	11.159	ng/ul	
93) Benzo(a)pyrene	23.998	252	1306404	22.836	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	874883	11.817	ng/ul	95
95) Dibenzo(a,h)anthracene	26.804	278	236007	3.913	ng/ul#	78
96) Benzo(g,h,i)perylene	27.633	276	767514	12.579	ng/ul	99

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

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