

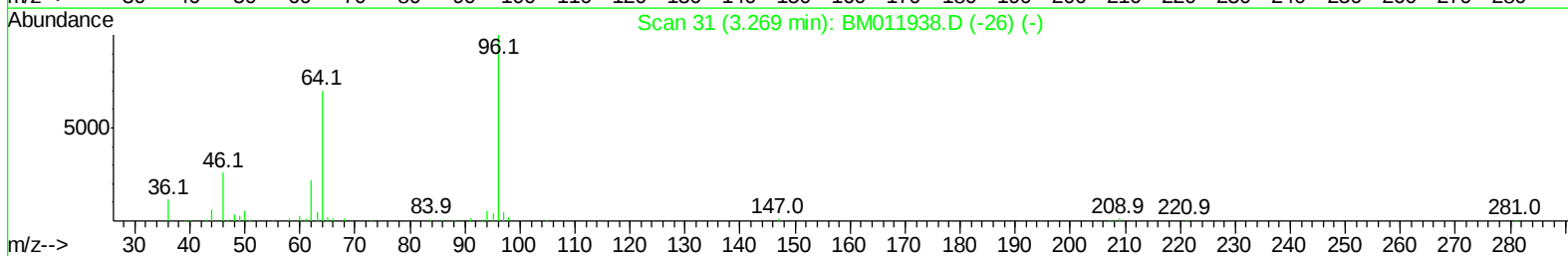
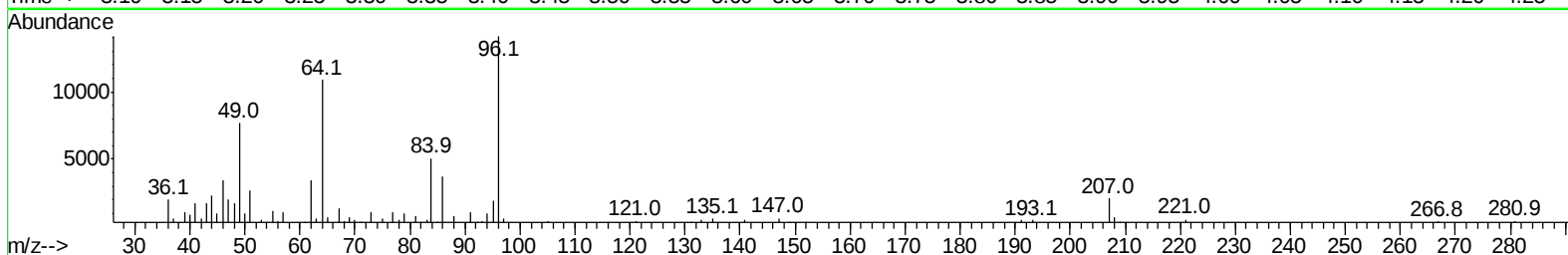
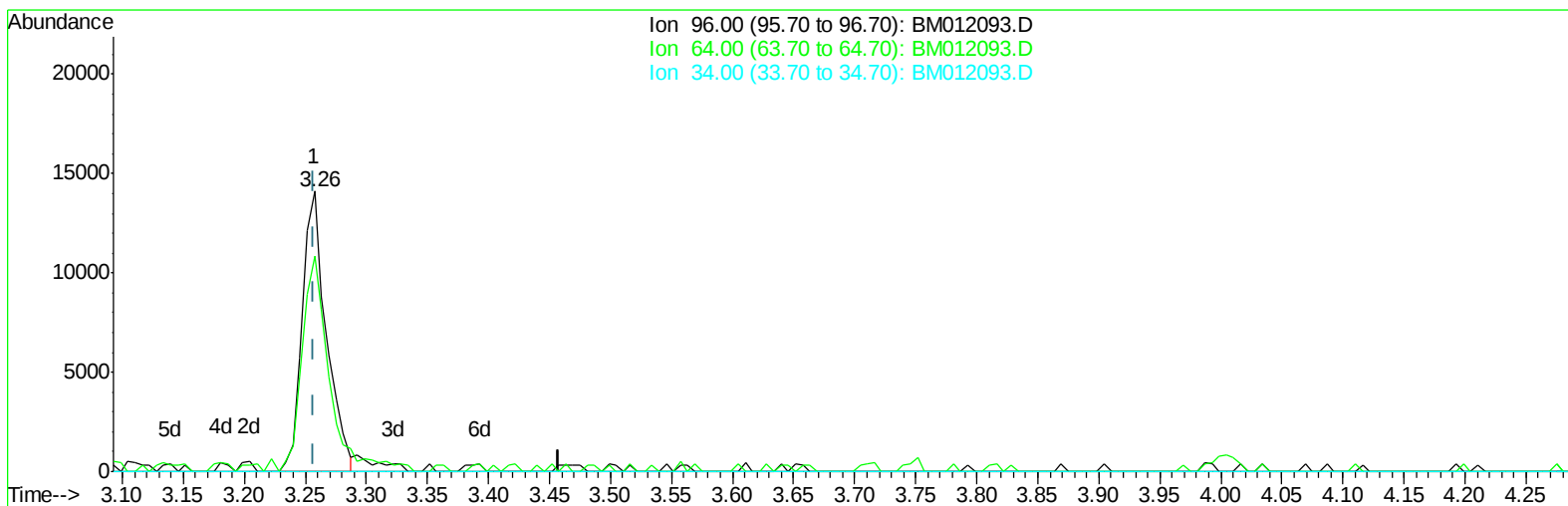
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012093.D
Acq On : 12 Oct 2017 06:03
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF0

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:40 PM

Quant Time: Oct 12 06:44:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012093.D

(3) 1,4-Dioxane-d8 (S)

3.257min (-0.000) 2.14ng/uL

response 19262

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	81.66
34.00	0.00	0.00
0.00	0.00	0.00

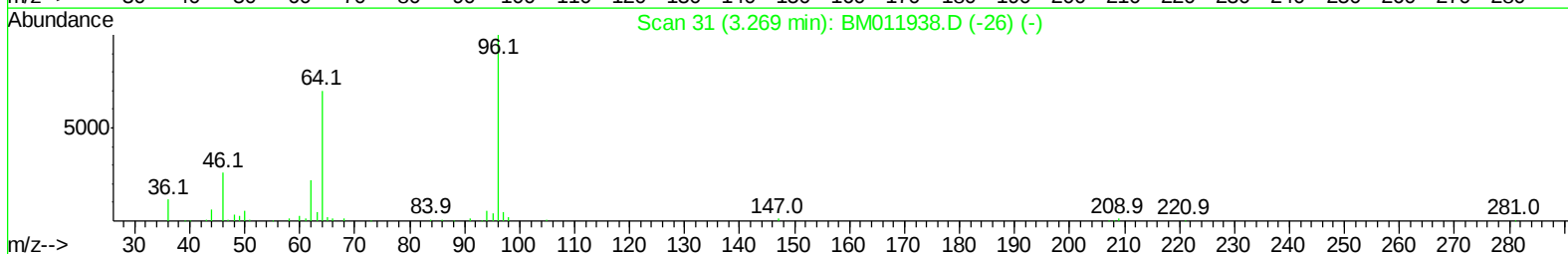
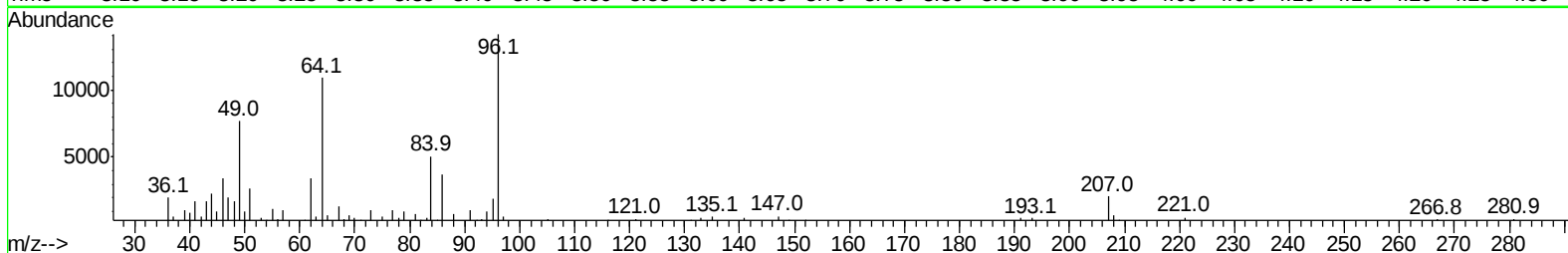
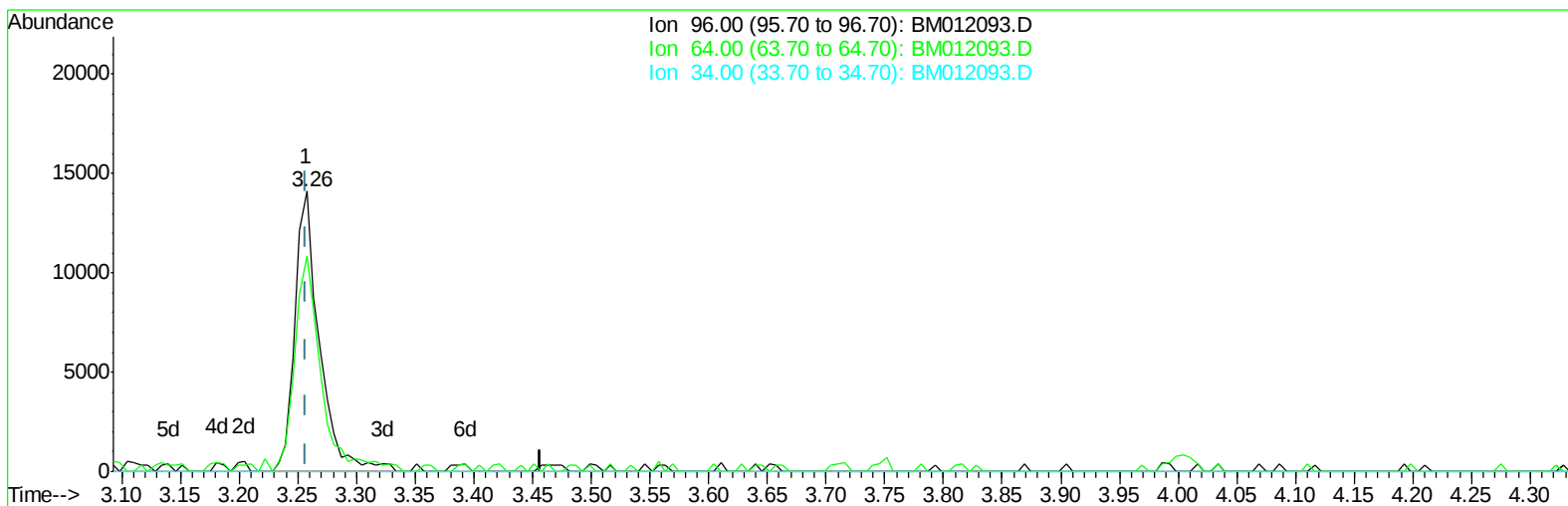
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TIC: BM012093.D

(3) 1,4-Dioxane-d8 (S)

3.257min (-0.000) 2.27ng/uL m

response 20422

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	77.02
34.00	0.00	0.00
0.00	0.00	0.00

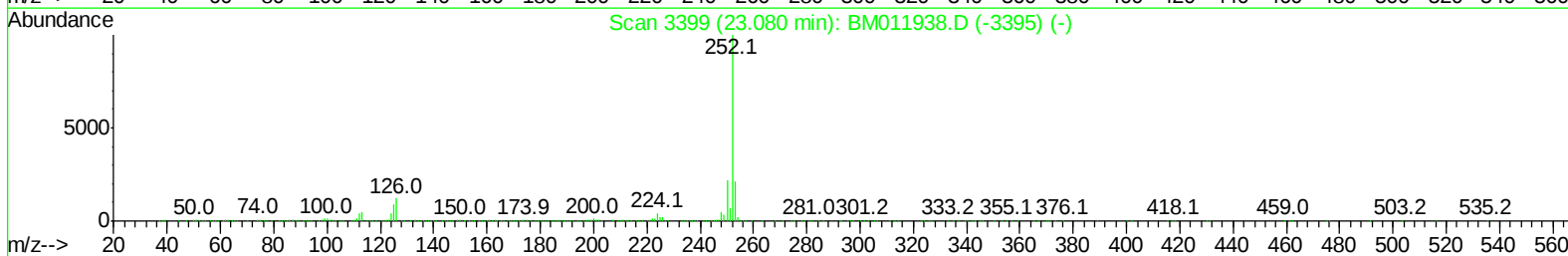
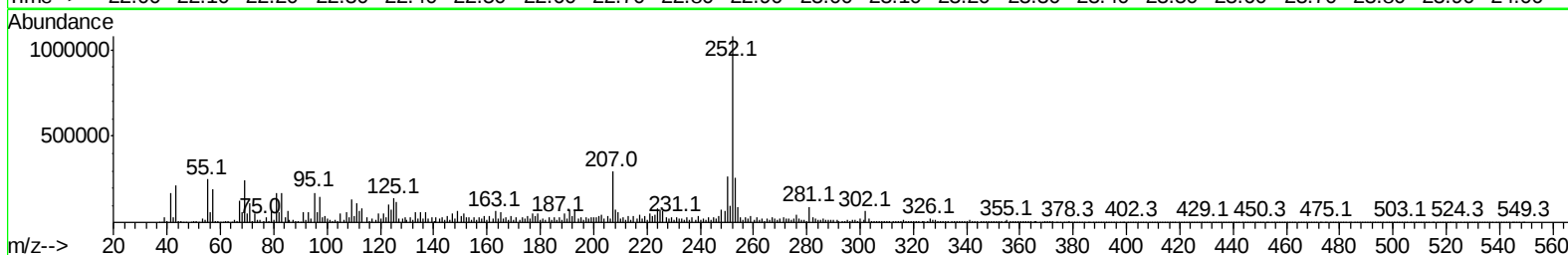
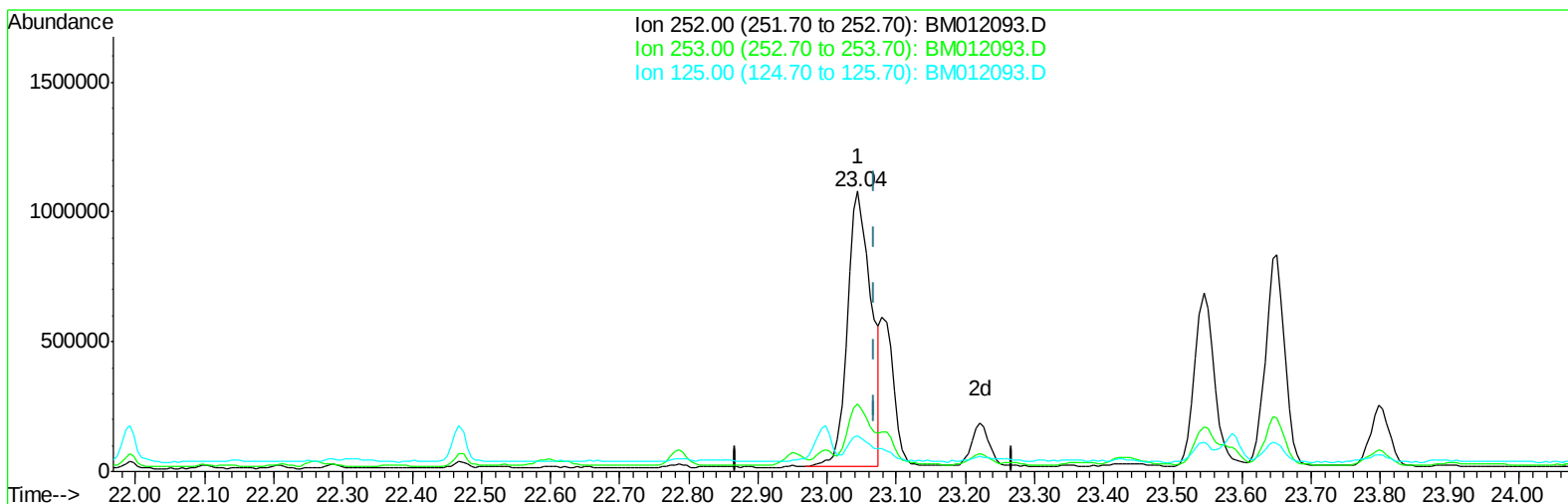
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Acq On : 12 Oct 2017 06:03
Operator : SJ/JU
Sample : I5550-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:40 PM

Quant Time: Oct 12 07:07:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012093.D

(86) Benzo(k)fluoranthene

23.044min (-0.024) 21.24ng/ul

response 2554148

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.02
125.00	4.30	12.74#
0.00	0.00	0.00

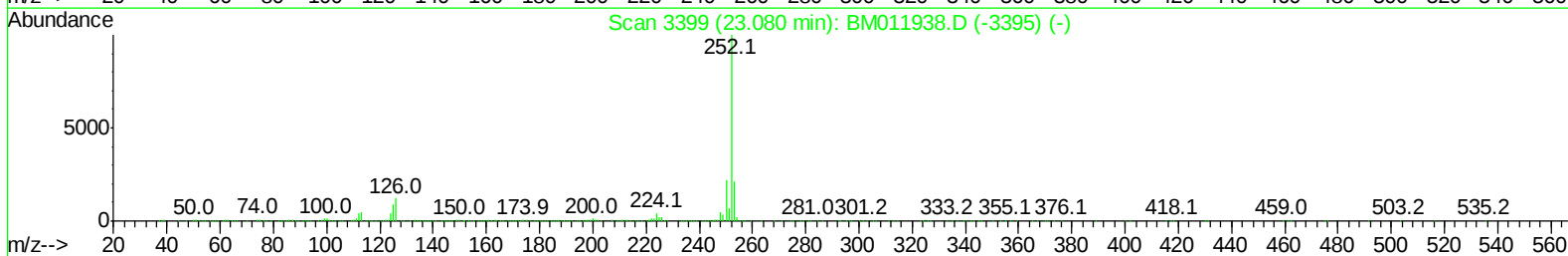
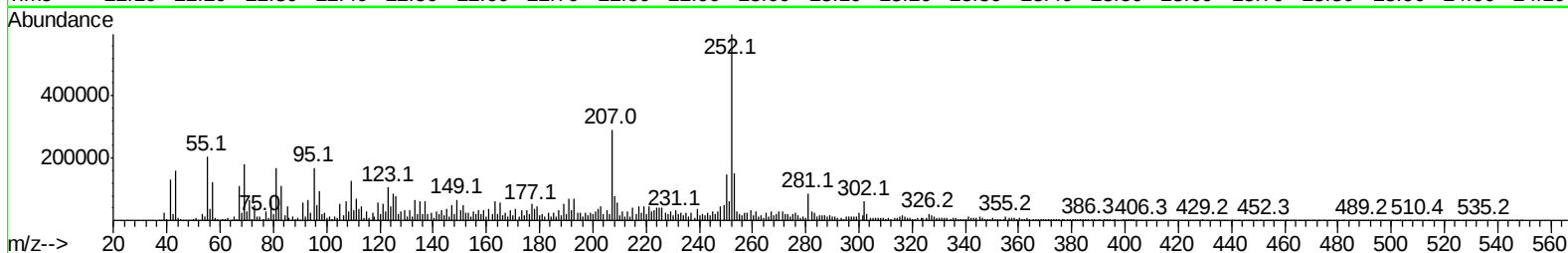
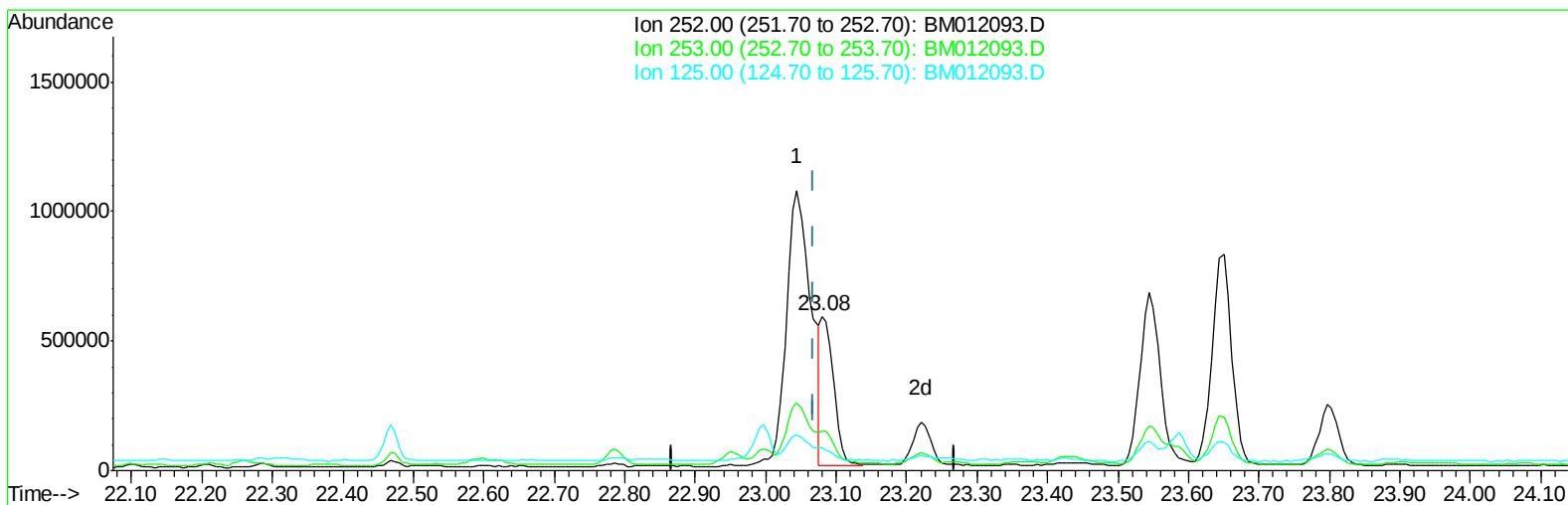
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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Manual Integrations
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TIC: BM012093.D

(86) Benzo(k)fluoranthene

23.080min (+0.012) 6.32ng/ul m

response 759627

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.42
125.00	4.30	14.48#
0.00	0.00	0.00

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Quant Time: Oct 12 07:09:39 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	426279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1785810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	1018054	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1993285	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1774155	20.00	ng/ul	0.00
83) Perylene-d12	23.75	264	1981447	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20422m	2.27	ng/uL	0.00
5) Phenol-d5	7.00	99	499822	13.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	324563	14.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	445479	15.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	410248	12.94	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	218195	17.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	241882	16.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	460295	15.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	158261	5.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1450909	16.44	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1802117	17.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	134434	8.72	ng/ul	0.01
57) Fluorene-d10	15.48	176	1194720	15.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	46095	3.44	ng/ul	0.00
70) Anthracene-d10	17.33	188	1625156	16.55	ng/ul	0.00
76) Pyrene-d10	19.63	212	1531182	19.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	1757968	18.44	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.69	128	201892	2.254	ng/ul	98
44) Dimethylphthalate	13.94	163	590565	6.957	ng/ul	99
49) Acenaphthene	14.55	153	186883	2.686	ng/ul	99
53) Dibenzofuran	14.89	168	127421	1.262	ng/ul	96
58) Fluorene	15.54	166	170369	2.021	ng/ul	99
69) Phenanthrene	17.28	178	2174780	19.835	ng/ul	99
71) Anthracene	17.37	178	439115	3.936	ng/ul	96
72) Carbazole	17.64	167	258770	2.678	ng/ul#	94
74) Fluoranthene	19.29	202	3322188	24.834	ng/ul#	89
77) Pyrene	19.66	202	2834066	28.810	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	1474774	14.510	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.31	149	450998	7.867	ng/ul	98
82) Chrysene	21.45	228	1709999	17.707	ng/ul#	95
85) Benzo(b)fluoranthene	23.04	252	2554148	21.207	ng/ul#	93
86) Benzo(k)fluoranthene	23.08	252	759627m	6.318	ng/ul	
88) Benzo(a)pyrene	23.65	252	1556791	13.452	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.14	276	1201964	9.706	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.14	278	309369	3.040	ng/ul#	60
91) Benzo(g,h,i)perylene	26.88	276	1041627	10.168	ng/ul#	86

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

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