

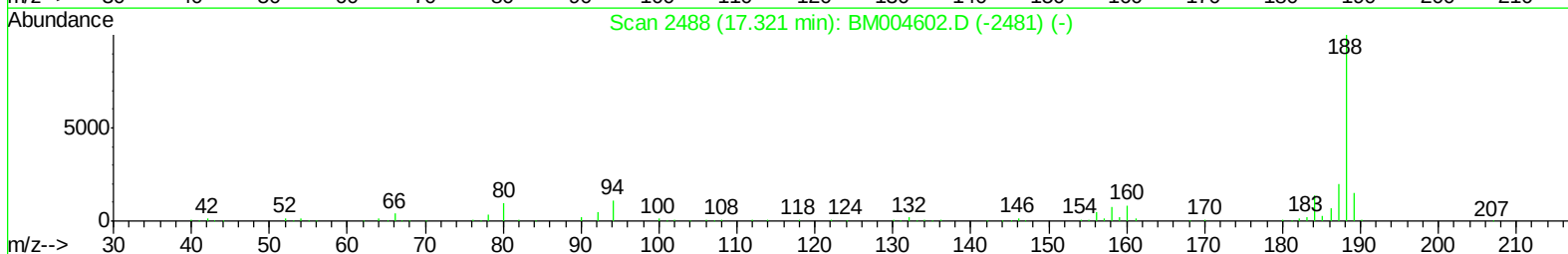
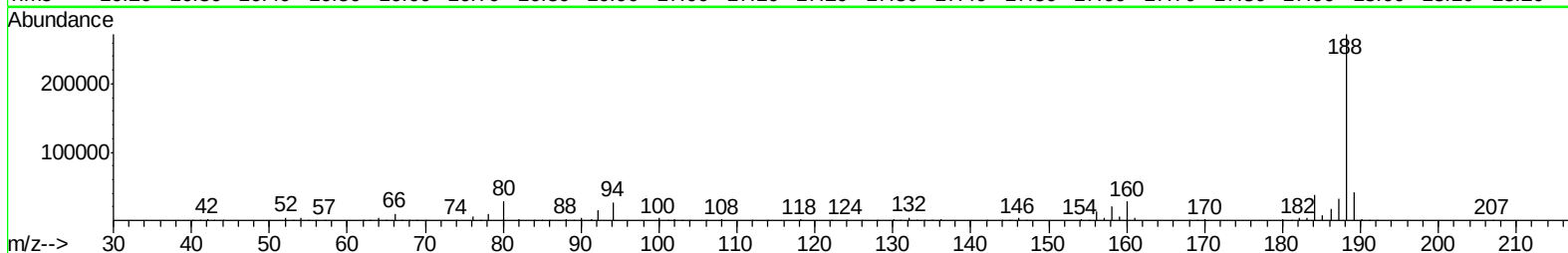
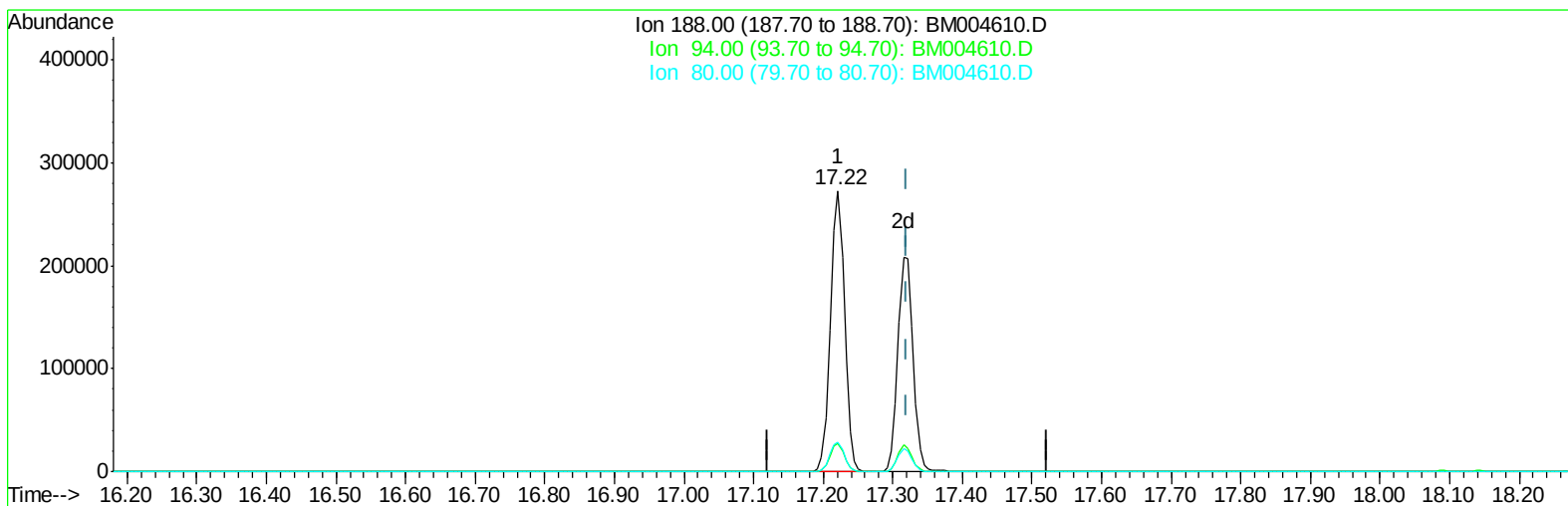
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
Data File : BM004610.D
Acq On : 15 Mar 2016 22:35
Operator : UM/SJ
Sample : H1710-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-SS-D70

Manual Integrations
APPROVED

Sohil
4/15/2016 11:44:00 AM

Quant Time: Mar 16 05:57:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 05:57:50 2016
Response via : Initial Calibration



TIC: BM004610.D

(71) Anthracene-d10 (S)

17.221min (-0.100) 21.72ng/ul

response 380337

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	9.90
80.00	9.10	10.48
0.00	0.00	0.00

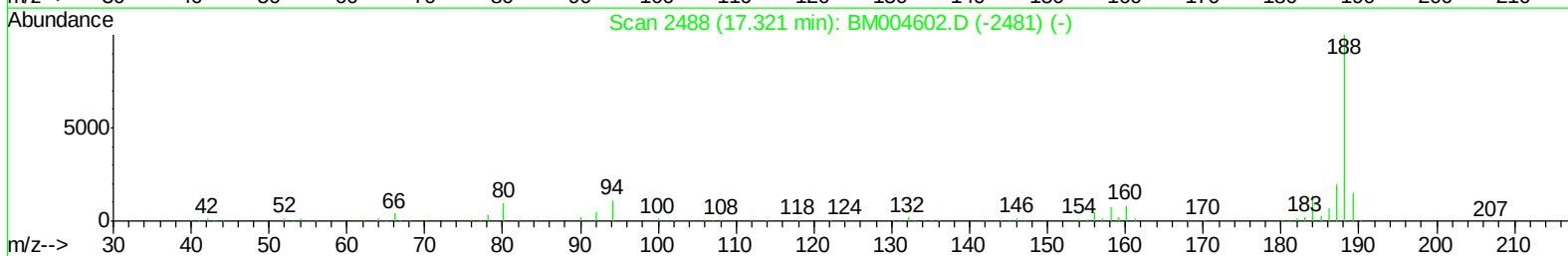
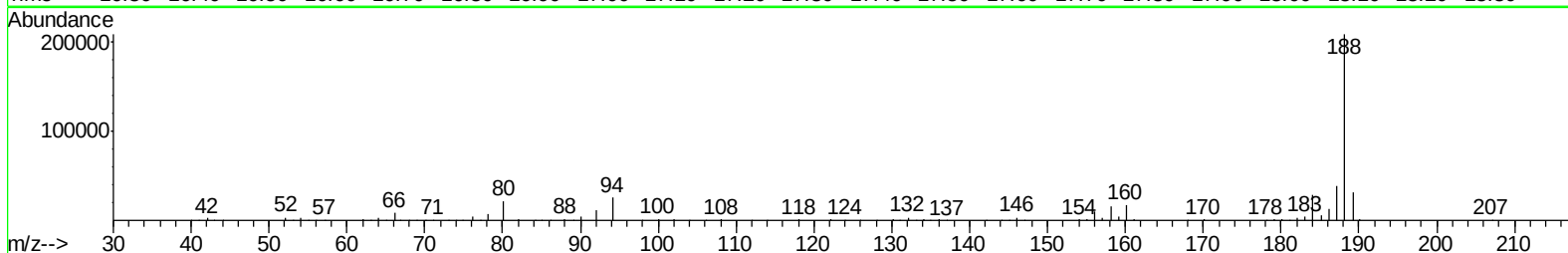
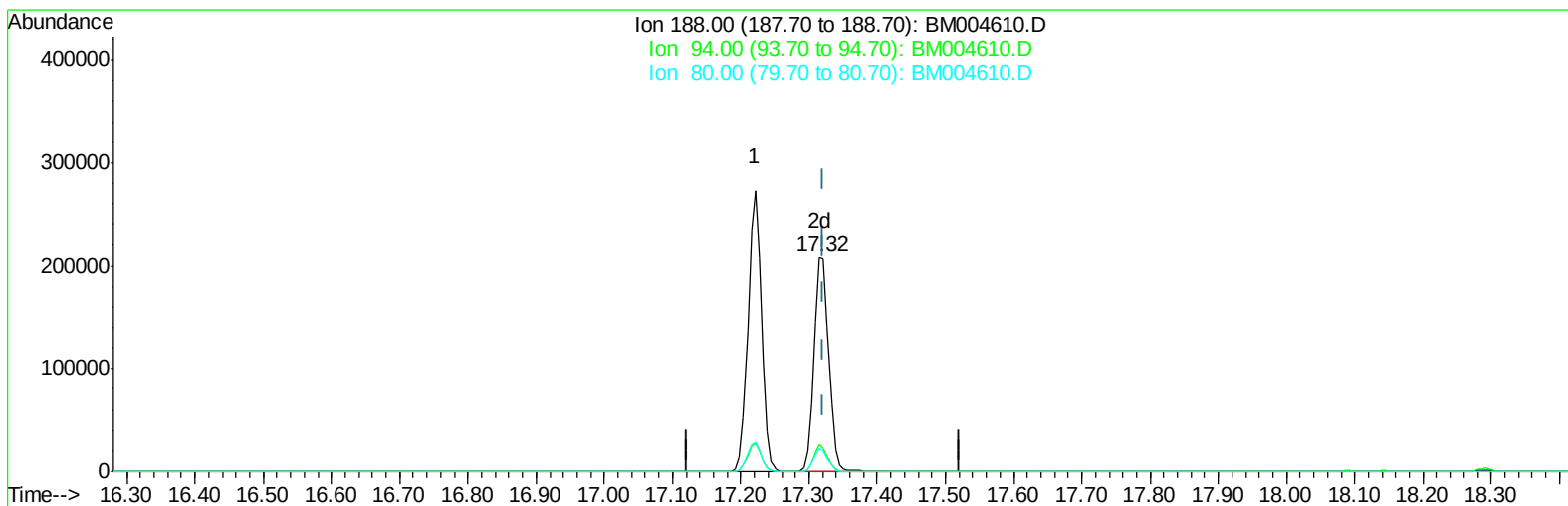
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(71) Anthracene-d10 (S)

17.315min (-0.006) 18.01ng/ul m

response 315437

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	12.31#
80.00	9.10	10.52
0.00	0.00	0.00

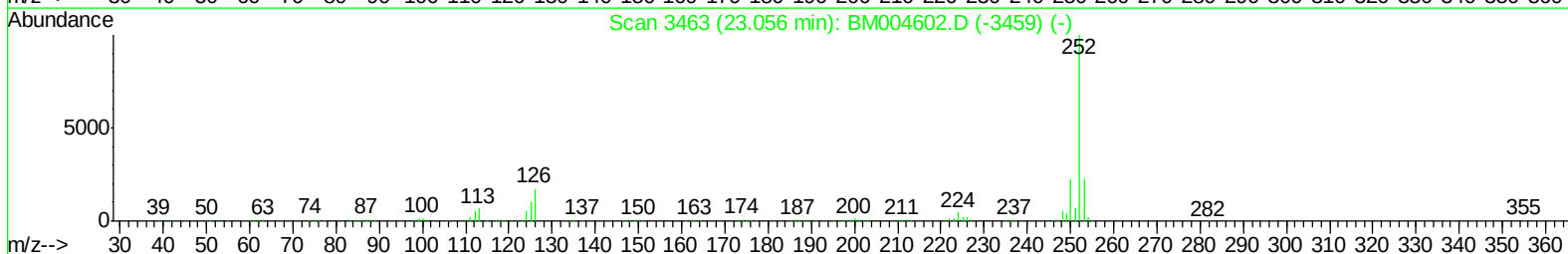
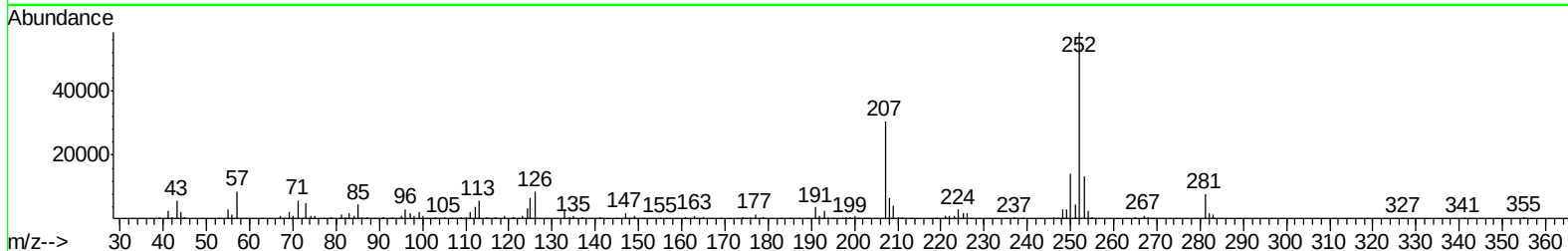
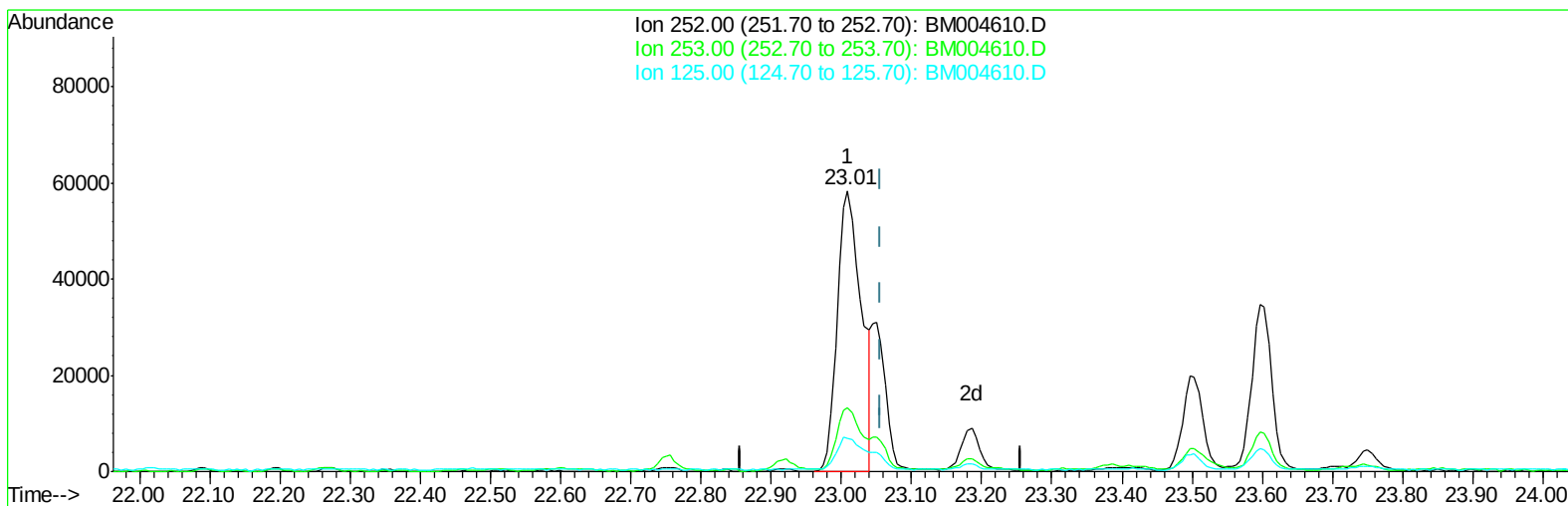
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Instrument :
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Manual Integrations
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TIC: BM004610.D

(89) Benzo(k)fluoranthene
23.009min (-0.047) 5.83ng/ul
response 137714

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.95
125.00	10.20	11.74
0.00	0.00	0.00

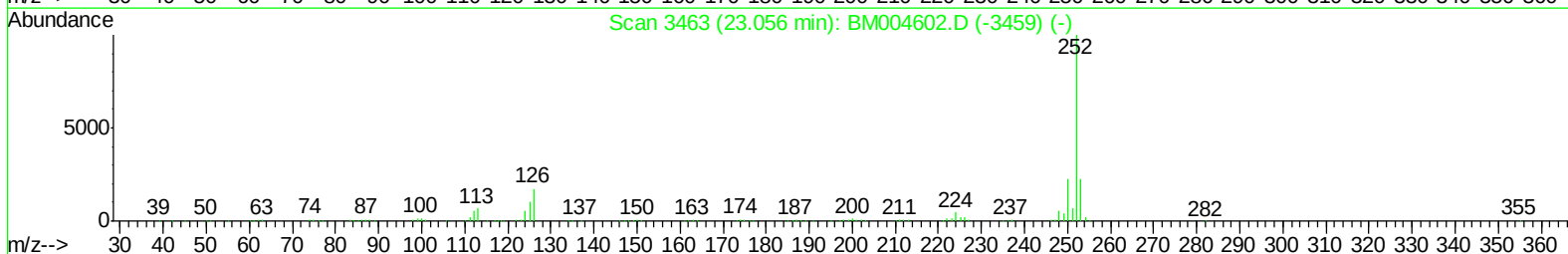
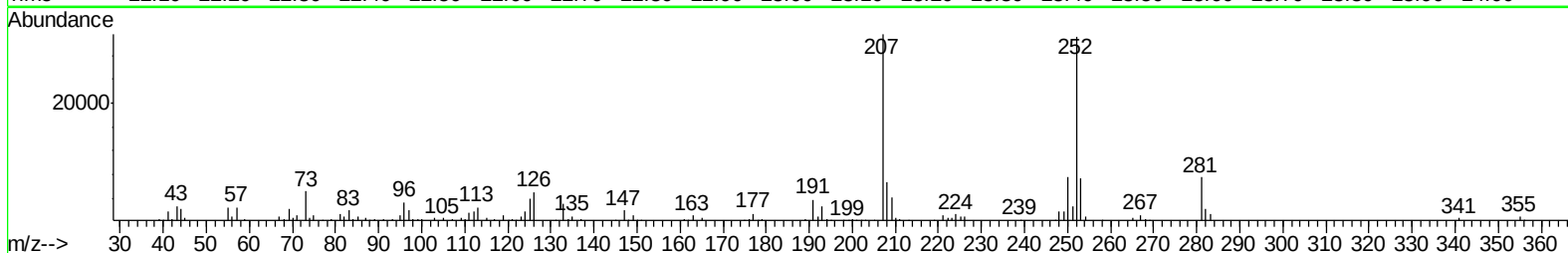
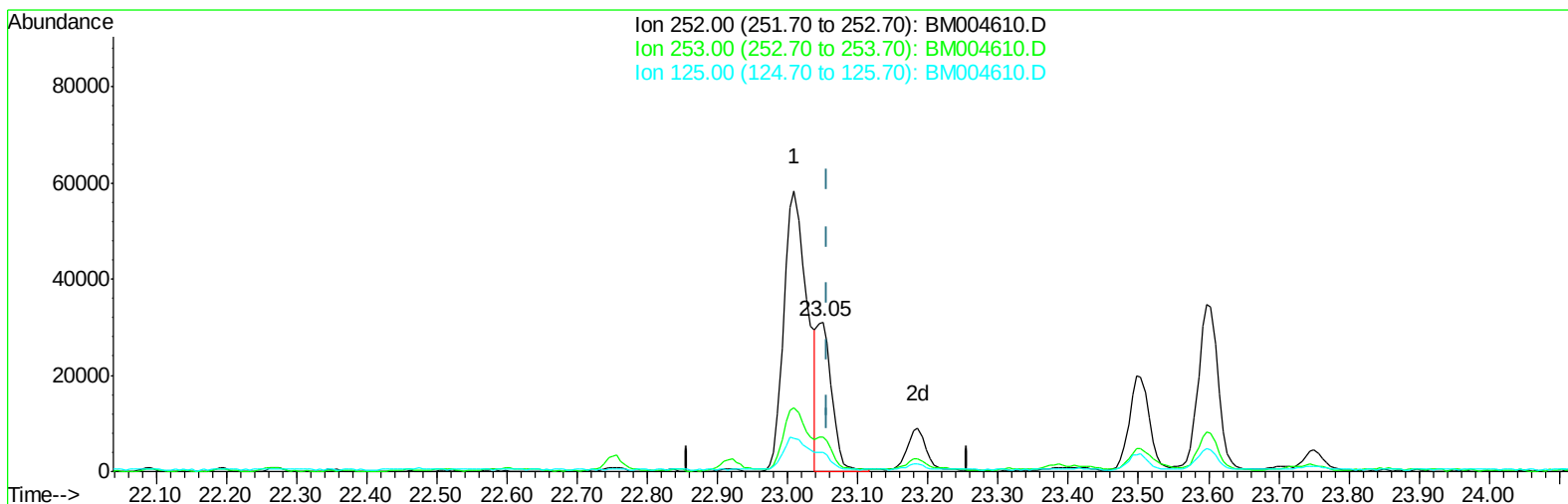
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TIC: BM004610.D

(89) Benzo(k)fluoranthene

23.050min (-0.006) 1.89ng/ul m

response 44645

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.42
125.00	10.20	12.76#
0.00	0.00	0.00

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Sohil
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Quant Time: Mar 16 07:11:12 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 05:57:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	68251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	300813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	171734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	380337	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	431896	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	416679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	4784	2.42	ng/uL	0.00
5) Phenol-d5	7.00	99	91544	16.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	56737	17.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	76045	16.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	68373	15.12	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	33061	15.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	35365	15.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	72596	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	85258	16.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	230197	17.15	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	284381	17.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	27632	10.65	ng/ul	0.00
58) Fluorene-d10	15.47	176	209904	17.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	20937	10.47	ng/ul	0.00
71) Anthracene-d10	17.32	188	315437m	18.01	ng/ul	0.00
79) Pyrene-d10	19.61	212	351177	17.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	319284	17.16	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	13.93	163	87365	6.41	ng/ul	100
70) Phenanthrene	17.26	178	148769	6.85	ng/ul	99
72) Anthracene	17.35	178	27884	1.27	ng/ul	99
77) Fluoranthene	19.27	202	240202	10.01	ng/ul	98
80) Pyrene	19.64	202	186961	7.14	ng/ul	97
83) Benzo(a)anthracene	21.39	228	110329	4.38	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	128643	8.64	ng/ul	99
85) Chrysene	21.44	228	105593	4.39	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	137714	5.54	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	44645m	1.89	ng/ul	
91) Benzo(a)pyrene	23.60	252	67664	2.84	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.03	276	48815	1.82	ng/ul	93

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

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