

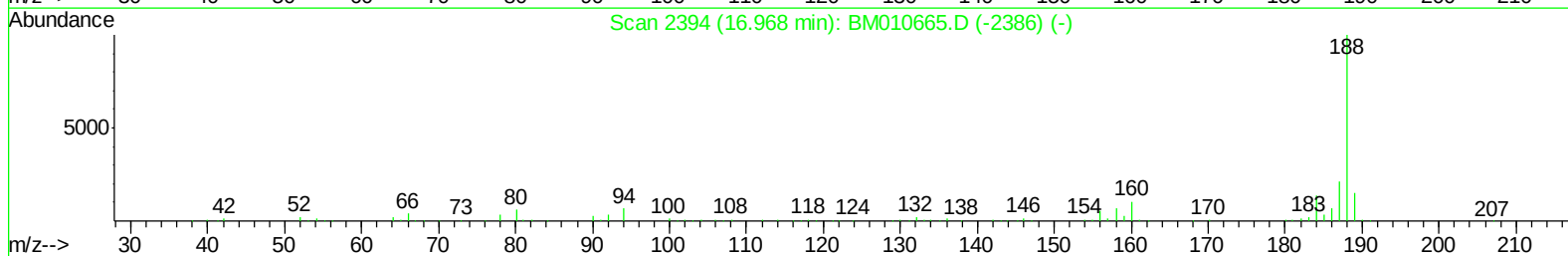
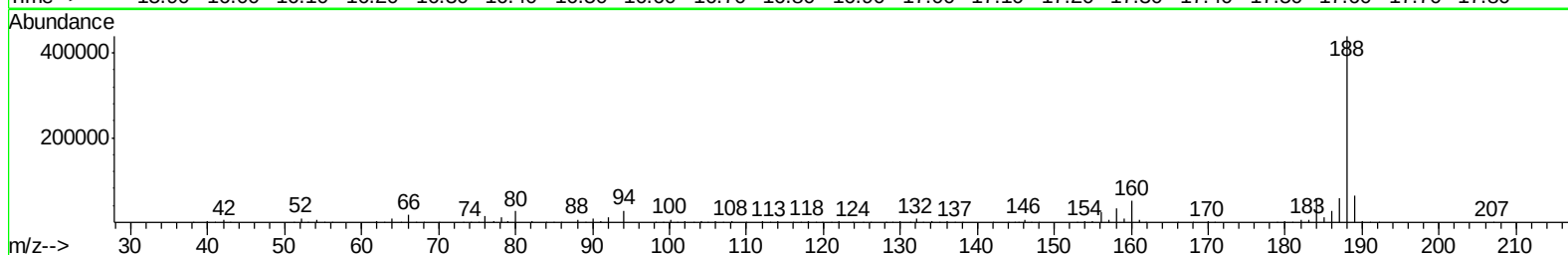
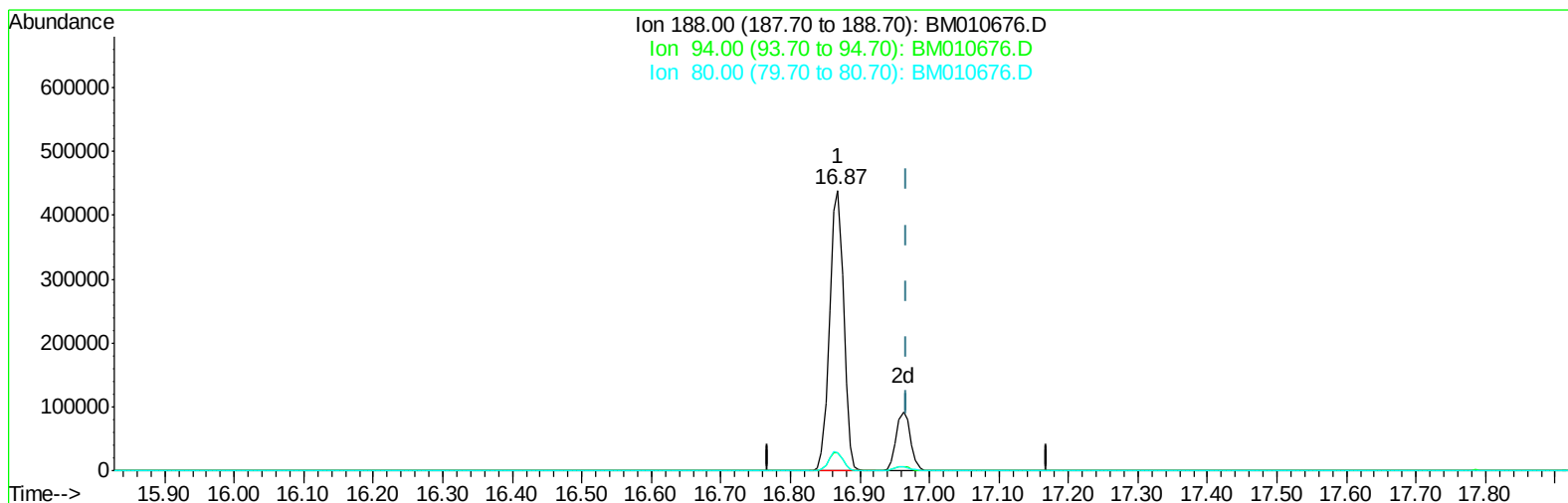
Data File : BM010676.D
Acq On : 23 Jun 2017 00:57
Operator : SJ/JU
Sample : I3625-11 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D15

Manual Integrations
APPROVED

mohammad
6/26/2017 8:26:21 AM

Quant Time: Jun 23 05:10:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration



TIC: BM010676.D

(70) Anthracene-d10 (S)

16.868min (-0.100) 20.71ng/ul

response 610726

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.36
80.00	5.90	6.20
0.00	0.00	0.00

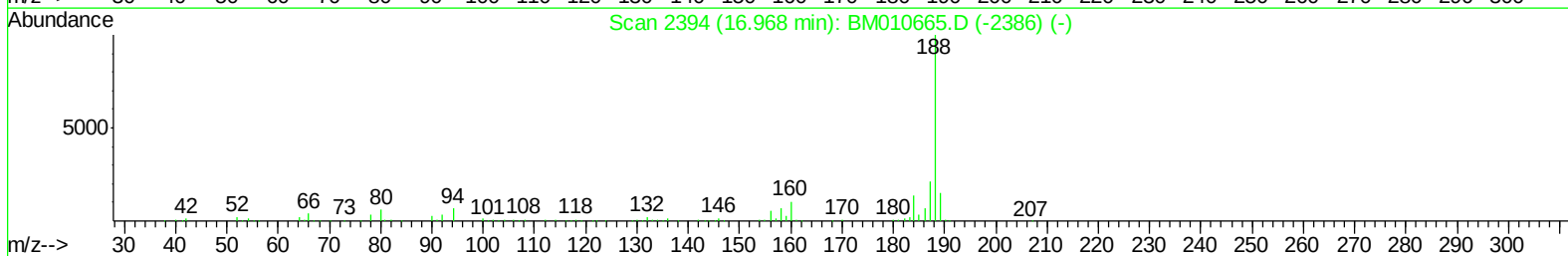
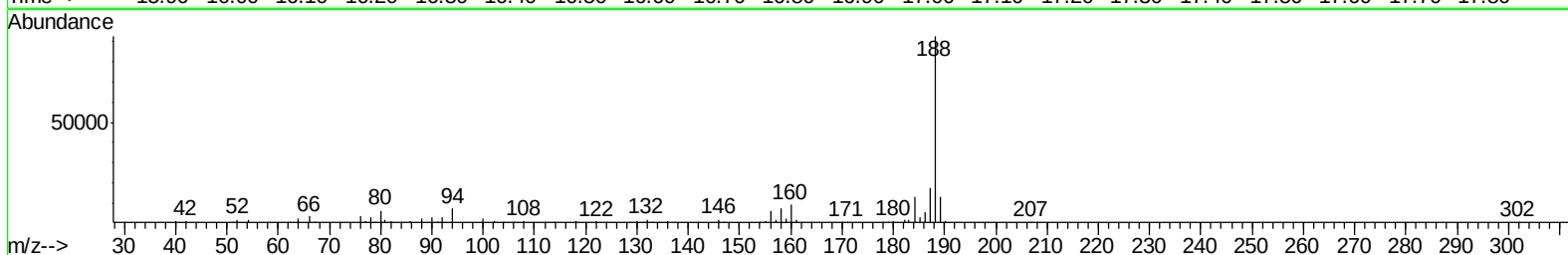
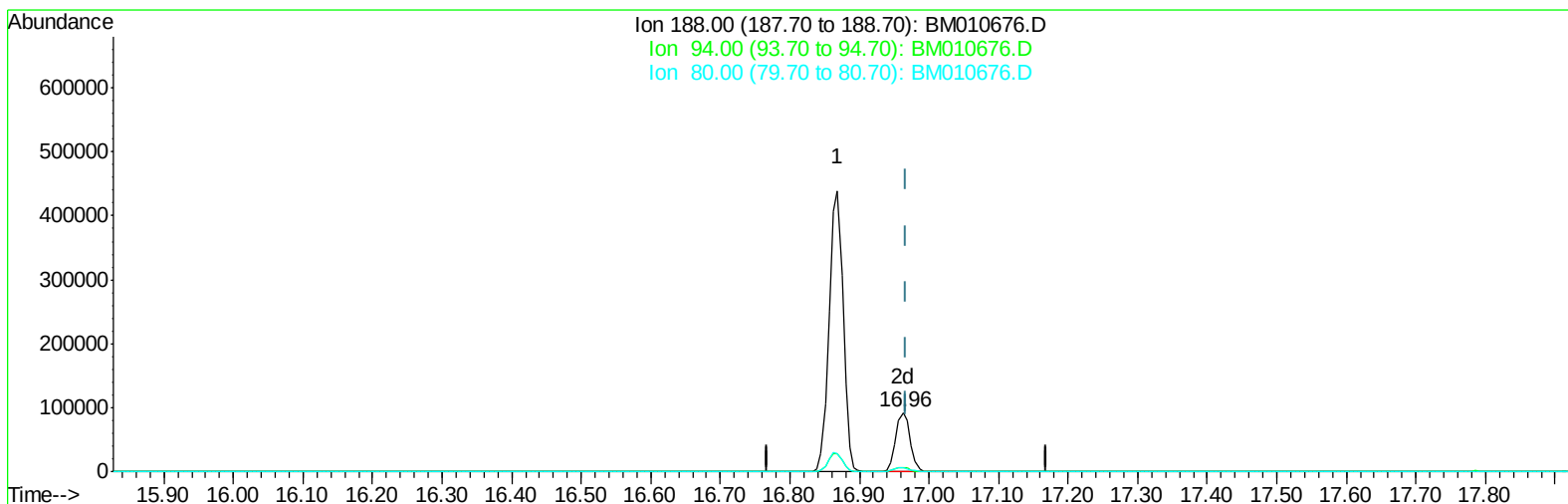
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TIC: BM010676.D

(70) Anthracene-d10 (S)

16.963min (-0.006) 4.50ng/ul m

response 132594

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.62#
80.00	5.90	6.68
0.00	0.00	0.00

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Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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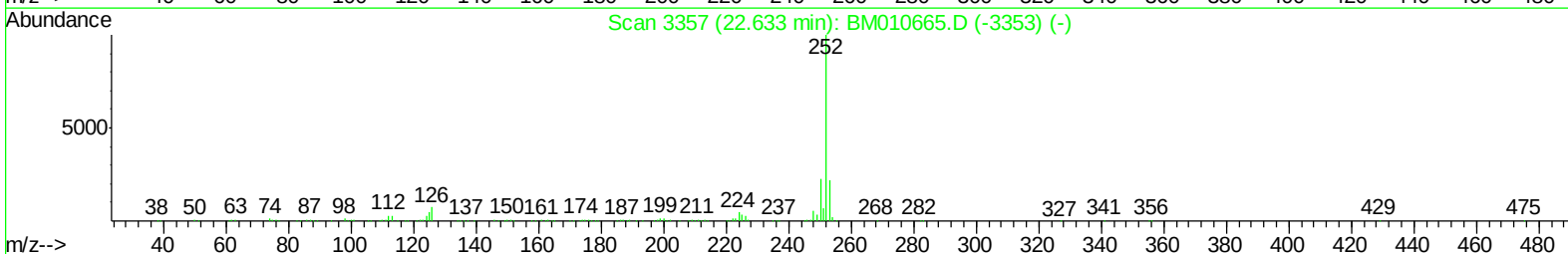
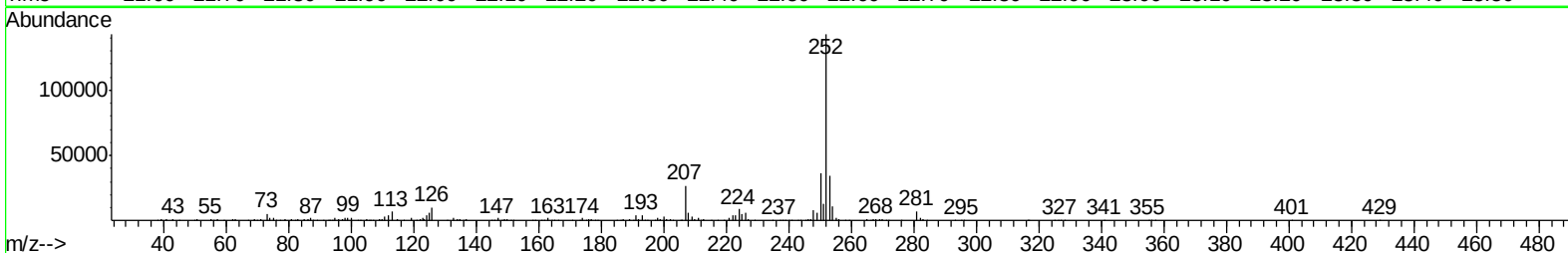
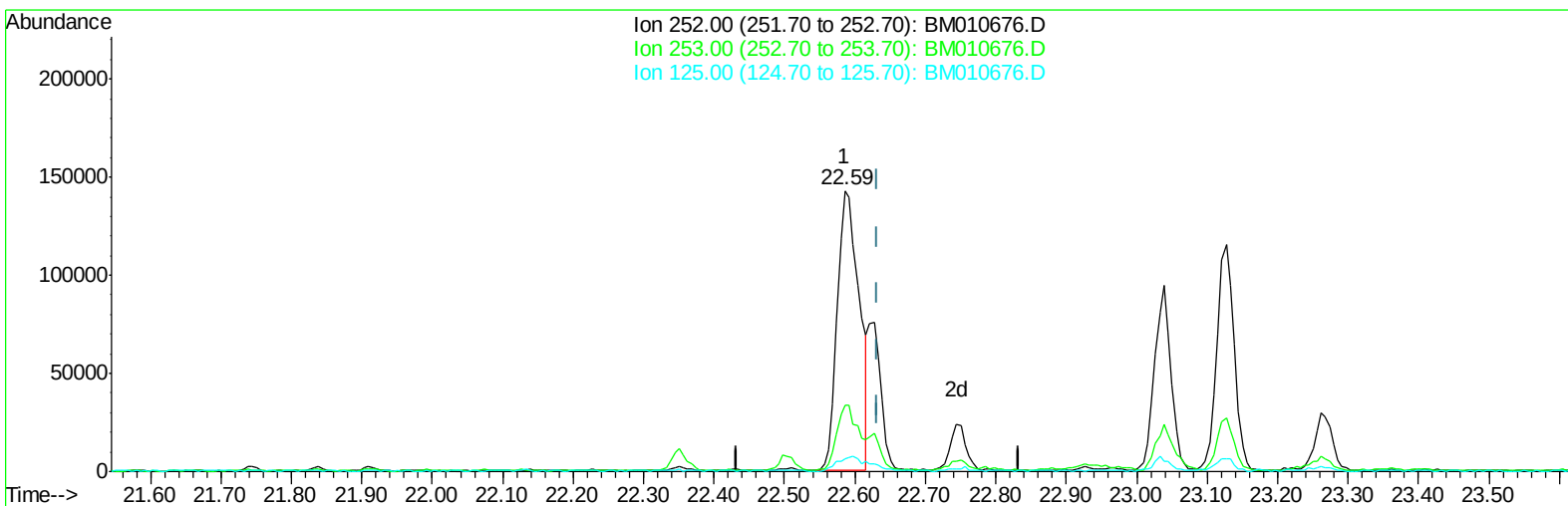
Quant Time: Jun 23 06:39:30 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 23 05:06:10 2017

Response via : Initial Calibration



TIC: BM010676.D

(86) Benzo(k)fluoranthene

22.586min (-0.047) 9.33ng/ul

response 310176

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.85
125.00	4.30	4.49
0.00	0.00	0.00

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Acq On : 23 Jun 2017 00:57

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Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F5D15

Manual Integrations
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6/26/2017 8:26:21 AM

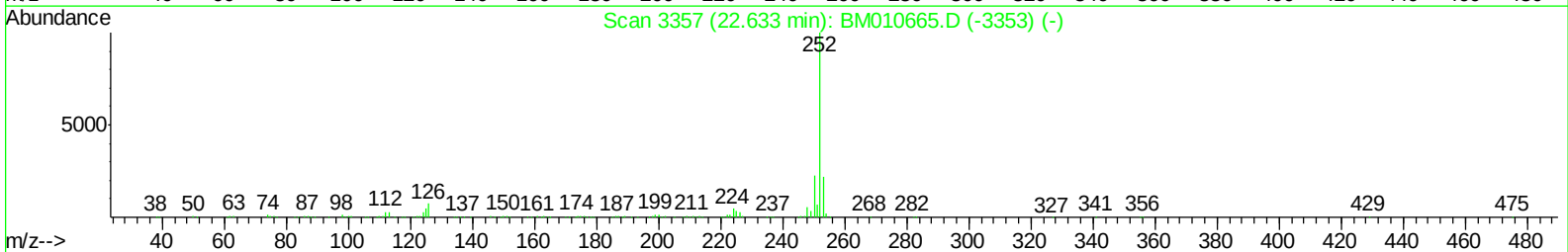
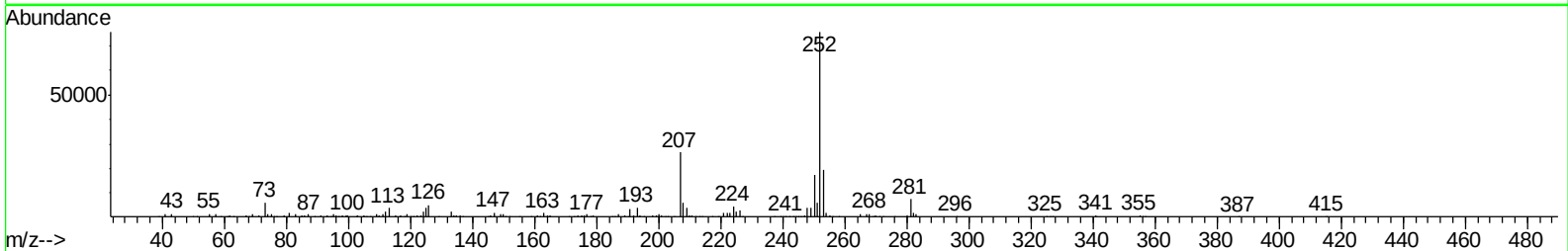
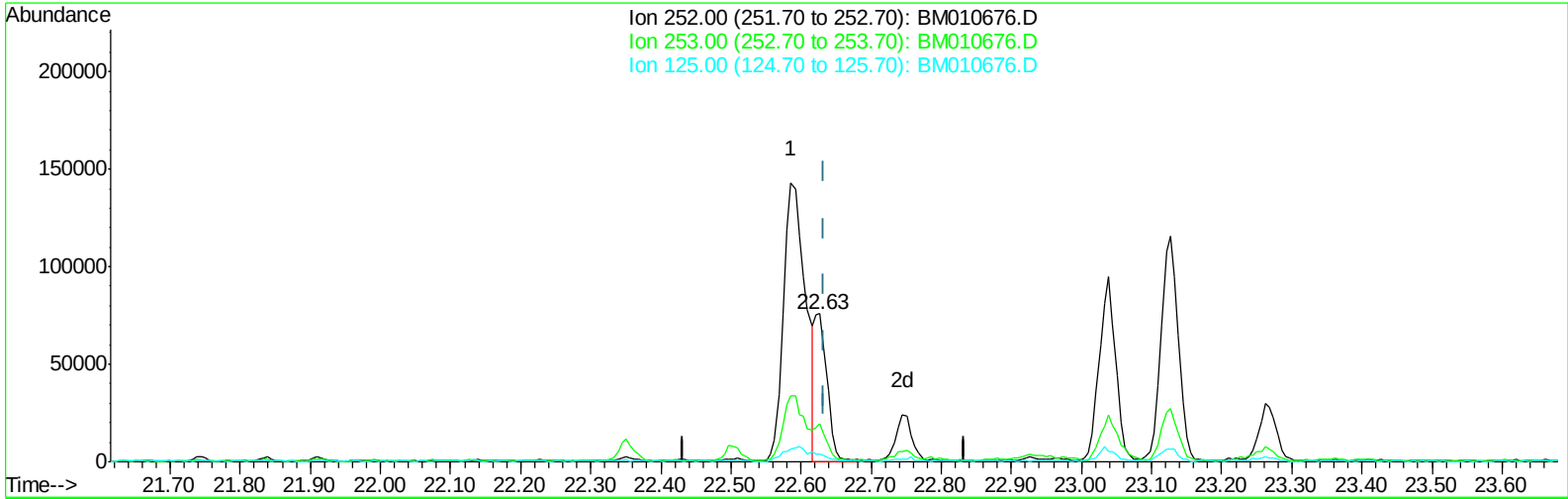
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TIC: BM010676.D

(86) Benzo(k)fluoranthene

22.627min (-0.006) 2.88ng/ul m

response 95771

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.56
125.00	4.30	5.20#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	74963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	344224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	248026	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	610726	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	664371	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	540413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	365	0.28	ng/uL	0.00
5) Phenol-d5	6.65	99	19135	2.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	10824	2.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	15154	3.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	16091	2.72	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	7072	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	7801	2.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	18138	3.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	20276	3.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	74461	3.42	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	70646	2.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	12916	3.37	ng/ul	0.00
57) Fluorene-d10	15.11	176	63119	3.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	13379	3.57	ng/ul	0.00
70) Anthracene-d10	16.96	188	132594m	4.50	ng/ul	0.00
76) Pyrene-d10	19.27	212	219162	7.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	187878	7.19	ng/ul	0.00

Target Compounds

						Qvalue
69) Phenanthrene	16.91	178	76805	2.37	ng/ul	98
74) Fluoranthene	18.94	202	365271	8.73	ng/ul	98
77) Pyrene	19.30	202	355395	9.26	ng/ul	98
80) Benzo(a)anthracene	21.07	228	241631	6.25	ng/ul	99
82) Chrysene	21.12	228	234672	6.80	ng/ul	94
85) Benzo(b)fluoranthene	22.59	252	310176	8.84	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	95771m	2.88	ng/ul	
88) Benzo(a)pyrene	23.13	252	197767	6.12	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	112825	3.37	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.34	278	33383	1.20	ng/ul#	89
91) Benzo(g,h,i)perylene	25.97	276	94570	3.55	ng/ul	98

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

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