

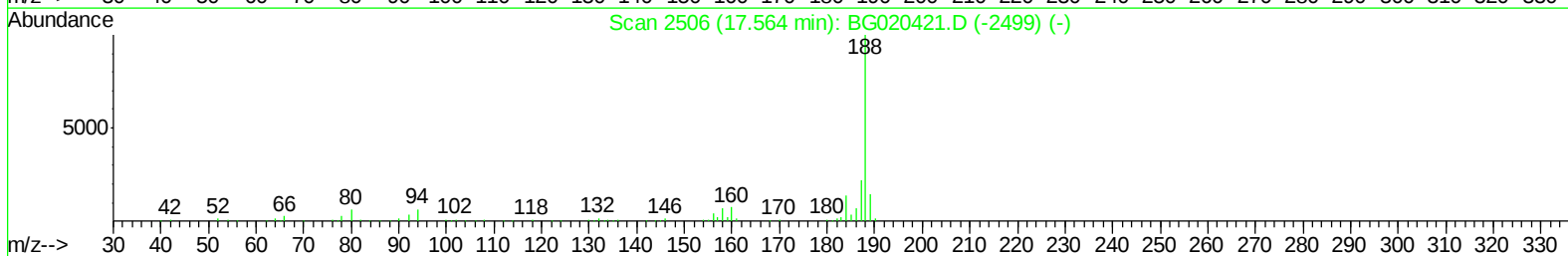
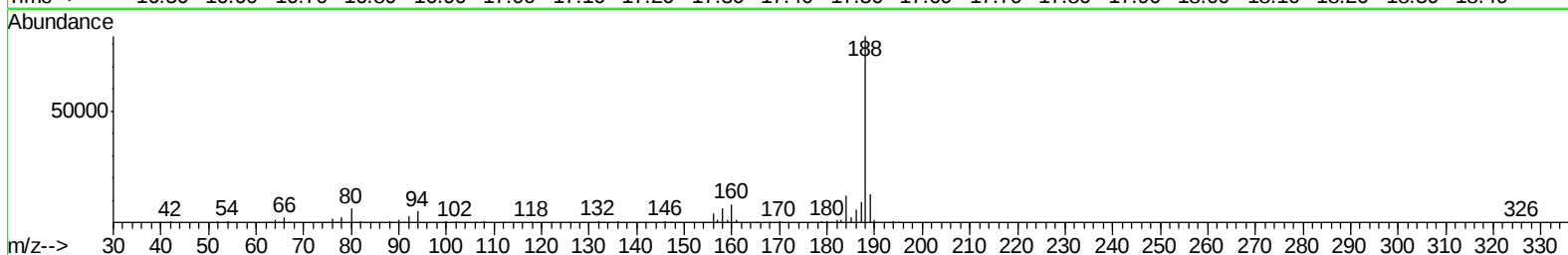
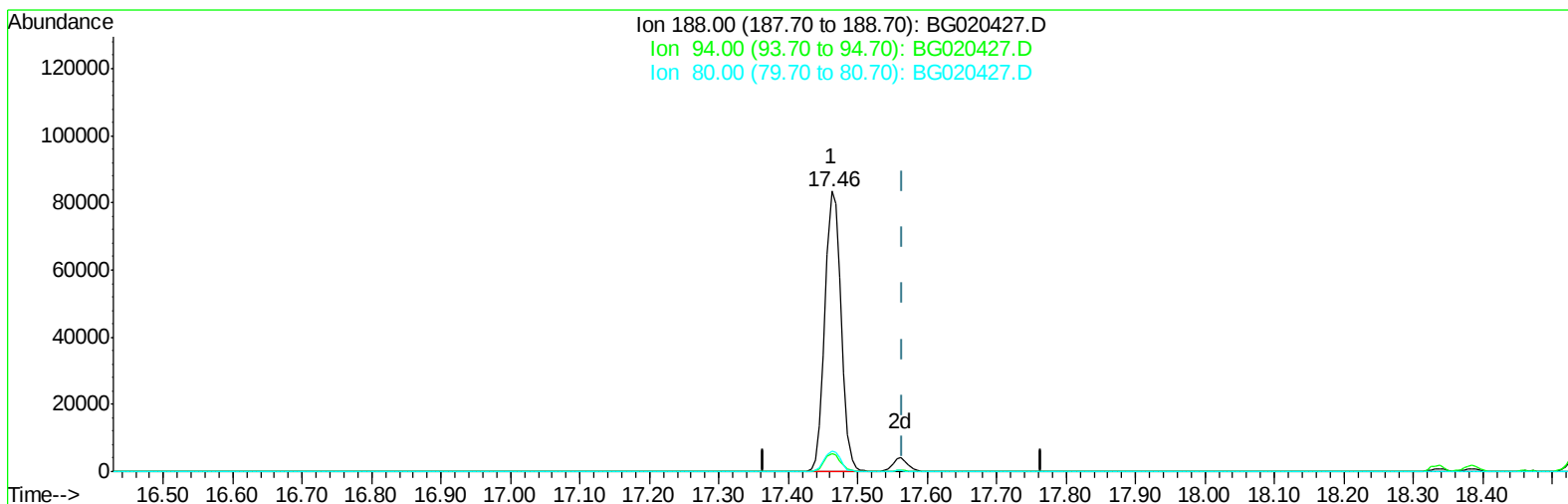
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020427.D
Acq On : 23 Dec 2015 4:10
Operator : UM/SJ
Sample : G4849-08DL 30X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Manual Integrations
APPROVED

Sohil
12/24/2015 5:33:20 PM

Quant Time: Dec 23 08:10:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 07:35:59 2015
Response via : Initial Calibration



TIC: BG020427.D

(71) Anthracene-d10 (S)

17.462min (-0.102) 21.70ng/ul

response 135165

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.30
80.00	7.50	7.39
0.00	0.00	0.00

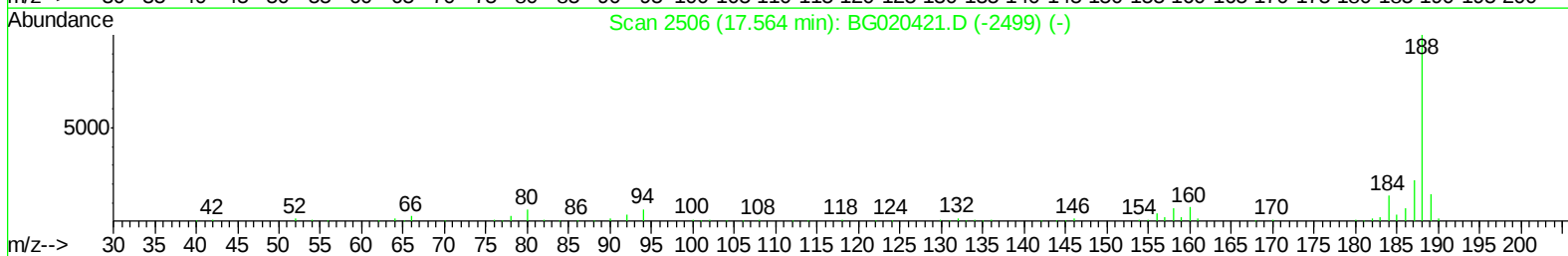
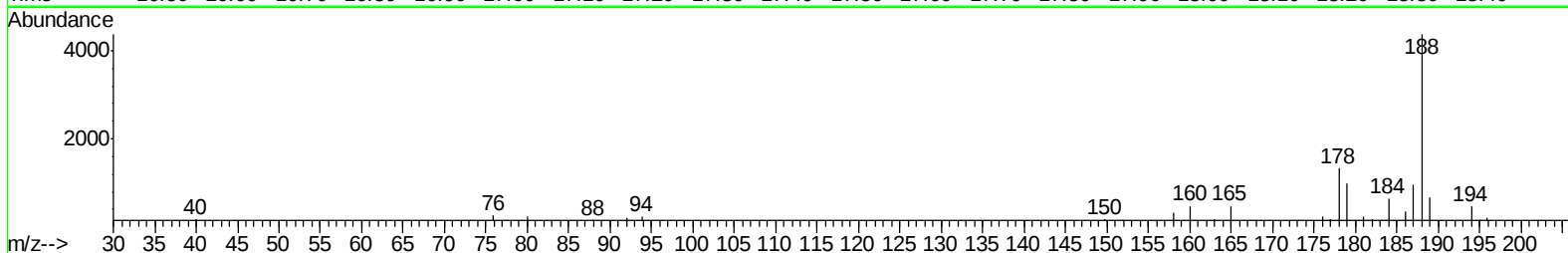
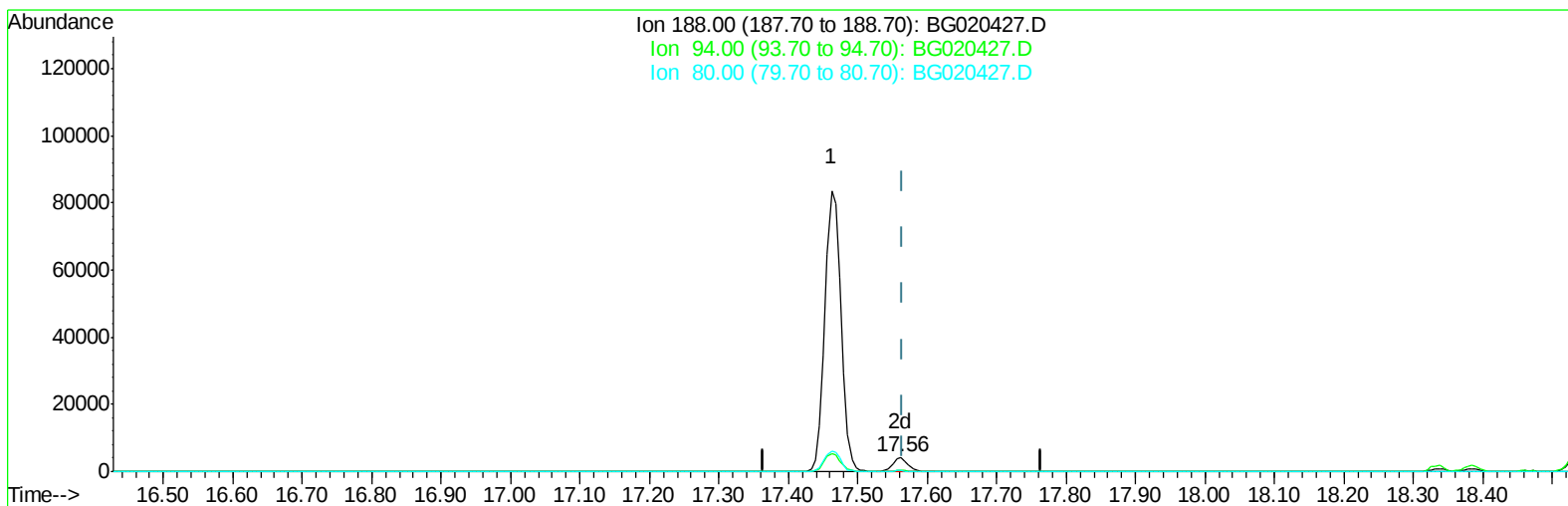
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(71) Anthracene-d10 (S)

17.562min (-0.002) 1.00ng/ul m

response 6236

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	5.31#
80.00	7.50	5.17#
0.00	0.00	0.00

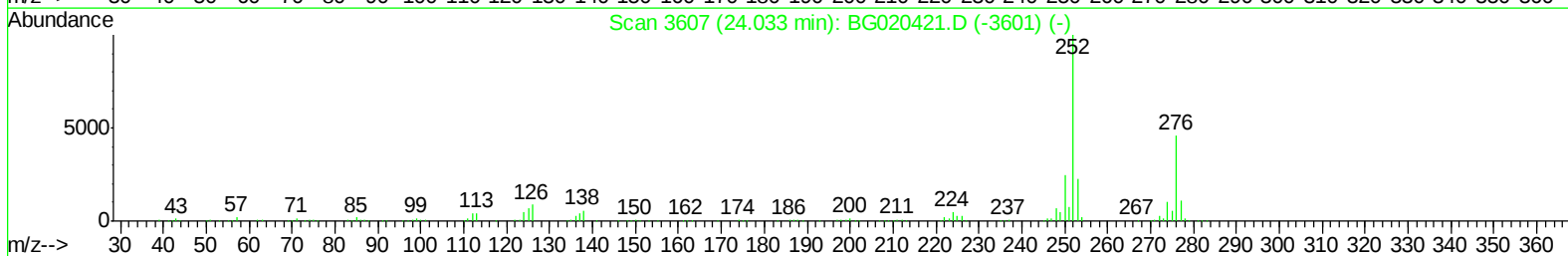
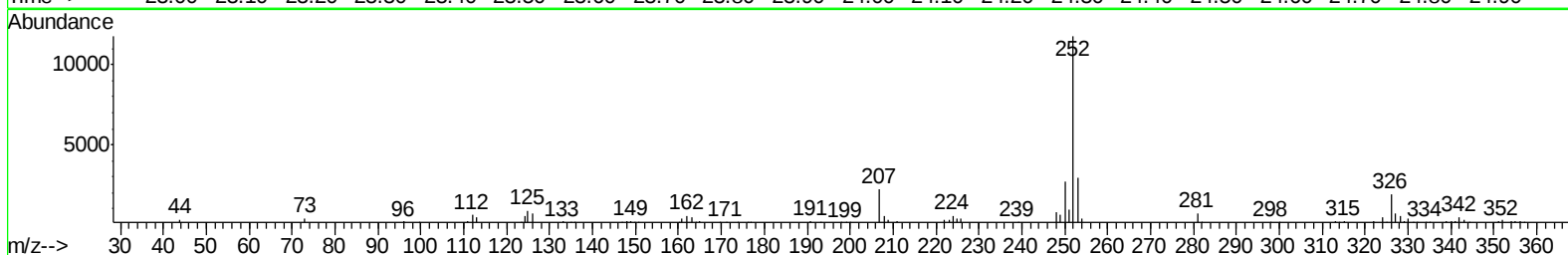
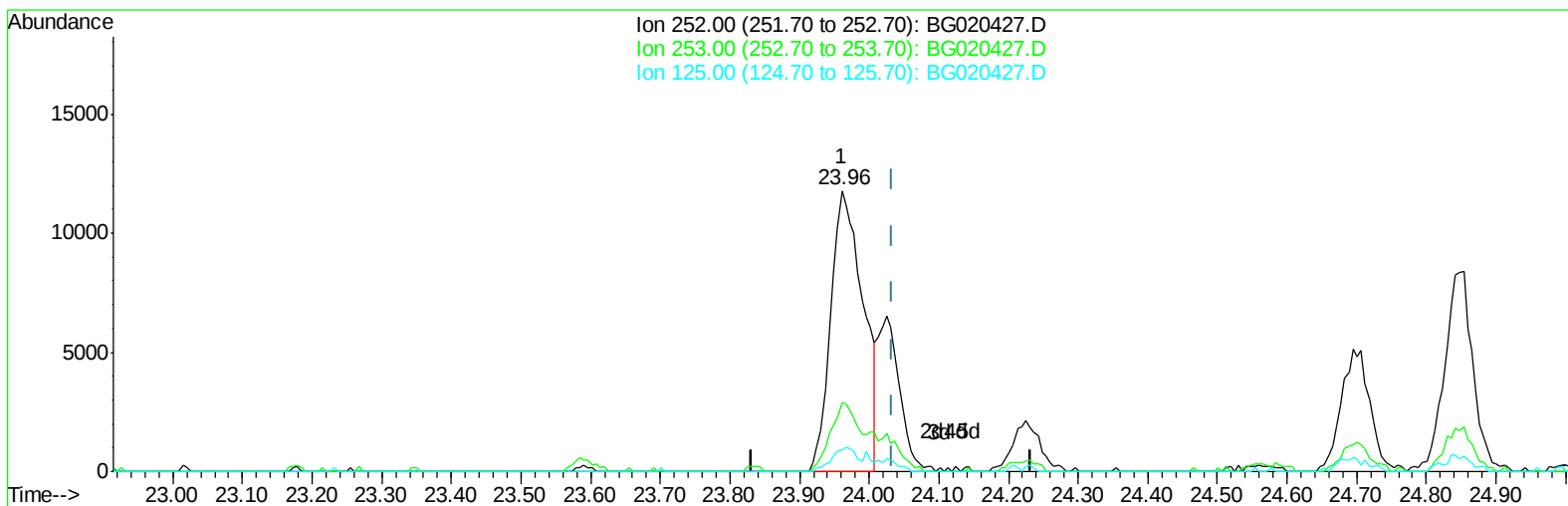
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG020427.D

(89) Benzo(k)fluoranthene
23.960min (-0.073) 4.18ng/ul
response 37997

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.66
125.00	7.20	7.62
0.00	0.00	0.00

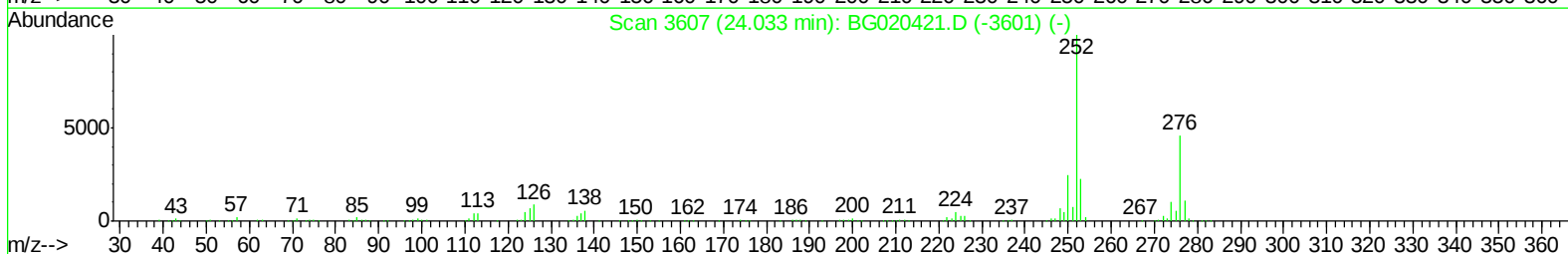
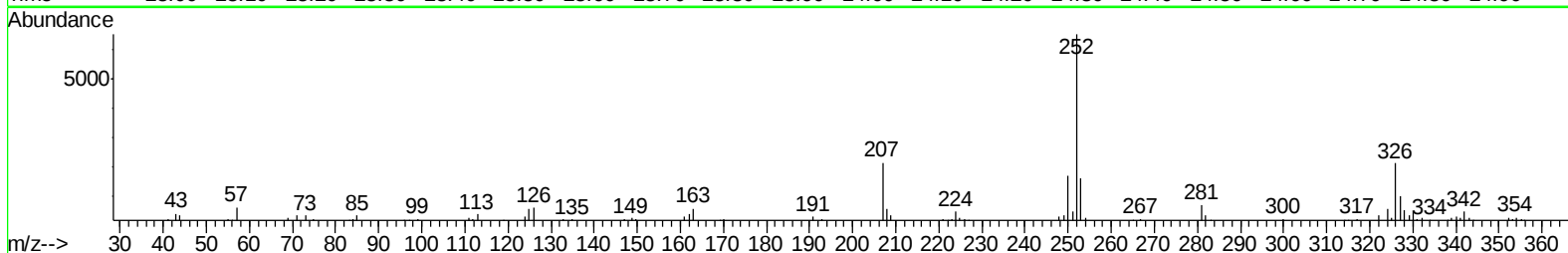
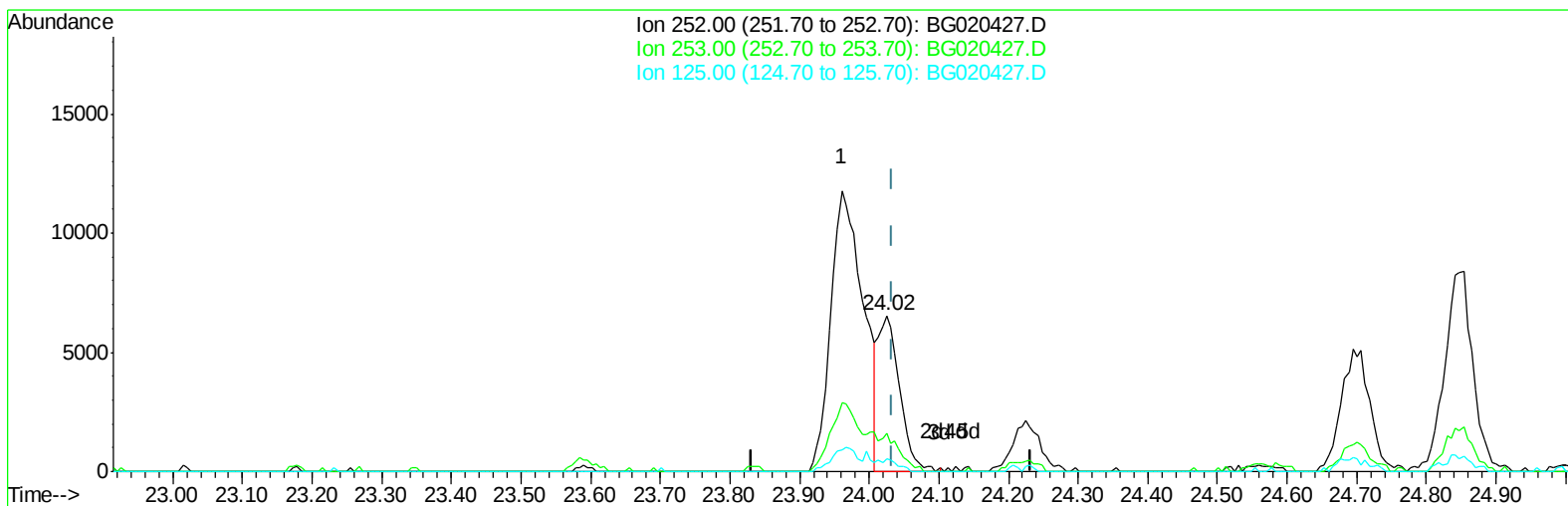
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TIC: BG020427.D

(89) Benzo(k)fluoranthene

24.025min (-0.008) 1.54ng/ul m

response 14015

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.68
125.00	7.20	8.08
0.00	0.00	0.00

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Manual Integrations
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Sohil
 12/24/2015 5:33:20 PM

Quant Time: Dec 23 08:11:11 2015
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 07:35:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	73713	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	54427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	135165	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	163706	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	157360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	684	0.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	385	0.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	854	0.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	668	0.54	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	132	0.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	278	0.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	794	0.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1187	0.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	3911	0.89	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	4442	0.87	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3792	0.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	6236m	1.00	ng/ul	0.00
79) Pyrene-d10	19.84	212	6755	0.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	7527	0.96	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	265665	69.01	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	92288	31.39	ng/ul	100
41) 1,1'-Biphenyl	13.55	154	41993	10.23	ng/ul	96
50) Acenaphthene	14.78	153	159715	43.62	ng/ul	100
54) Dibenzofuran	15.11	168	184903	33.95	ng/ul	100
59) Fluorene	15.76	166	141888	32.44	ng/ul	97
70) Phenanthrene	17.51	178	804660	108.84	ng/ul	97
72) Anthracene	17.60	178	57559	7.68	ng/ul	99
75) Carbazole	17.87	167	21115	3.35	ng/ul	97
77) Fluoranthene	19.51	202	495674	57.37	ng/ul	99
80) Pyrene	19.87	202	338589	34.17	ng/ul	99
83) Benzo(a)anthracene	21.72	228	78828	8.25	ng/ul	98
85) Chrysene	21.78	228	64663	7.19	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	37997	4.01	ng/ul	94
89) Benzo(k)fluoranthene	24.02	252	14015m	1.54	ng/ul	
91) Benzo(a)pyrene	24.85	252	23594	2.63	ng/ul	98

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

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