

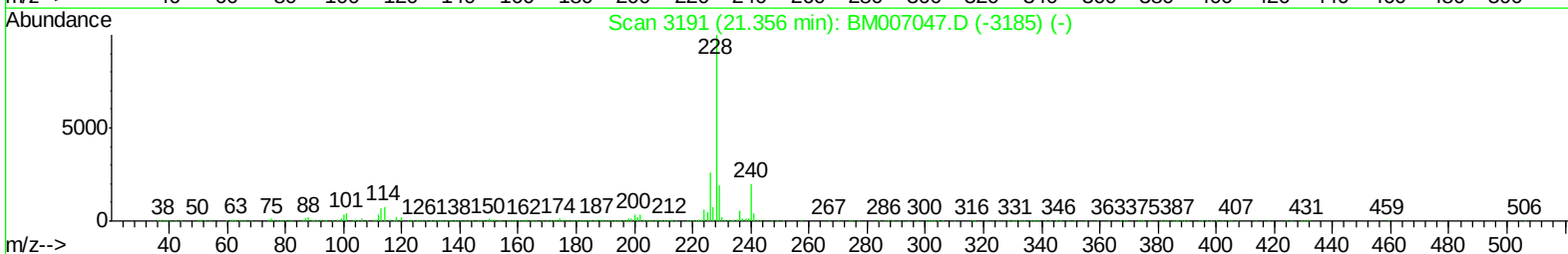
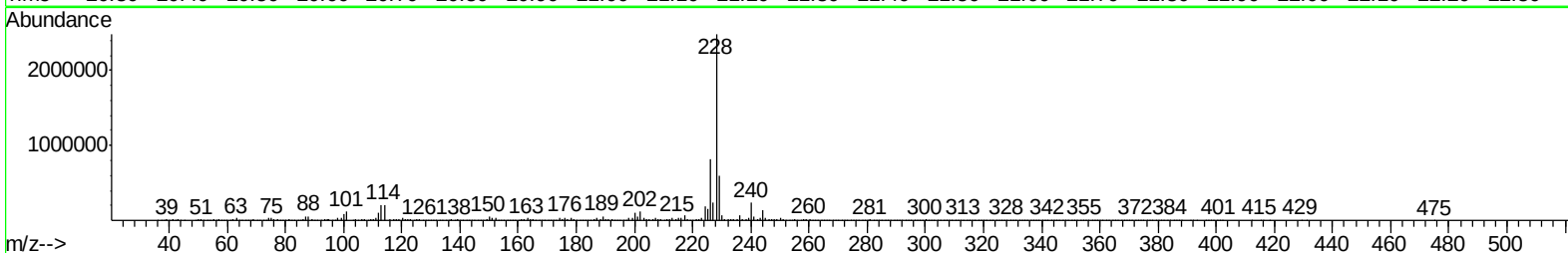
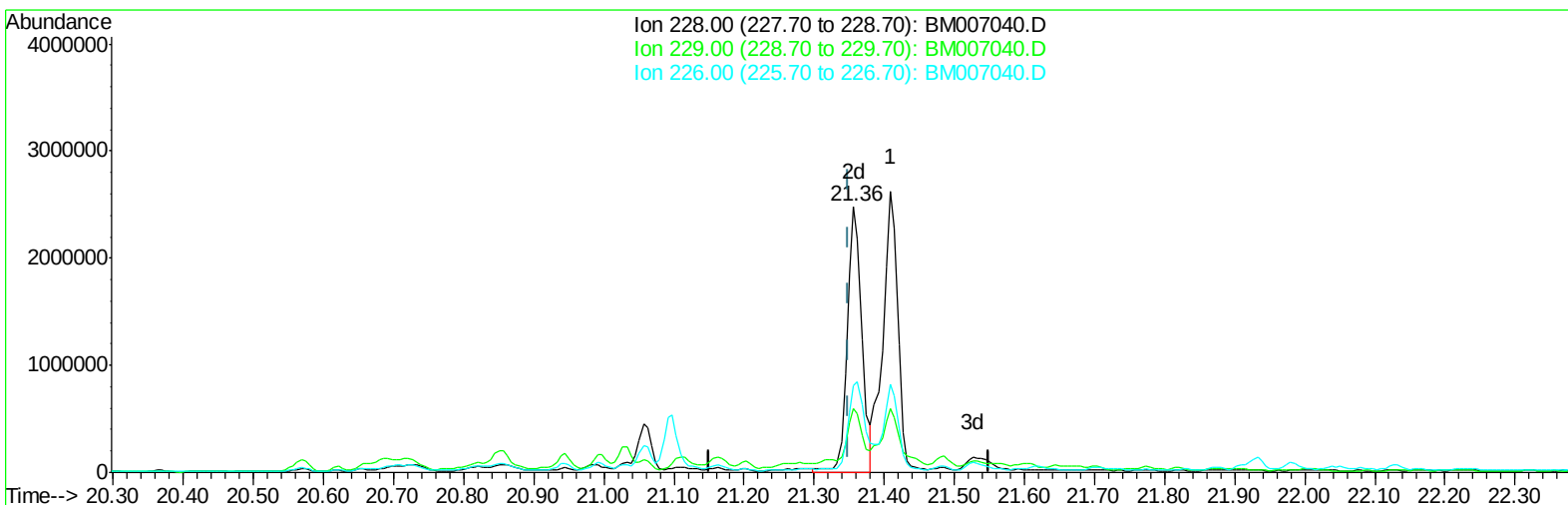
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081216\
Data File : BM007040.D
Acq On : 12 Aug 2016 12:58
Operator : UM/SJ
Sample : H4387-23MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-1218-01MSD

Manual Integrations
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Quant Time: Aug 12 18:17:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 01:51:15 2016
Response via : Initial Calibration



TIC: BM007040.D

(80) Benzo(a)anthracene

21.356min (+0.006) 27.92ng/ul m

response 3600809

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	24.26#
226.00	27.30	32.64
0.00	0.00	0.00

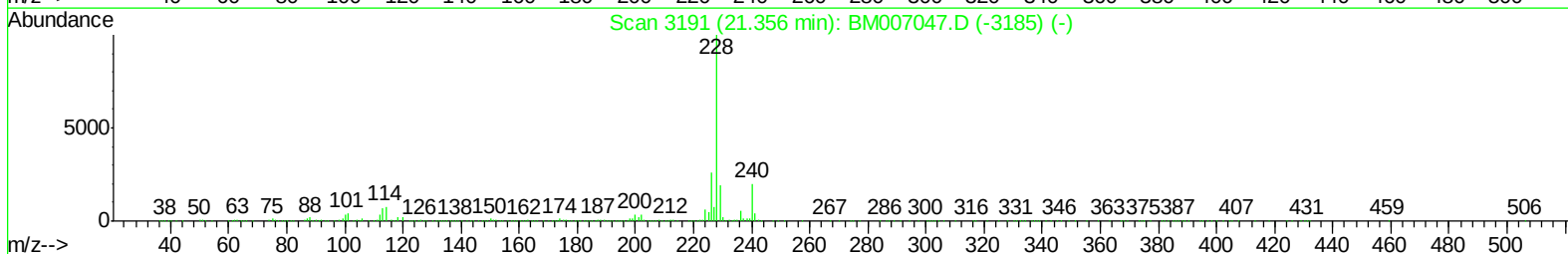
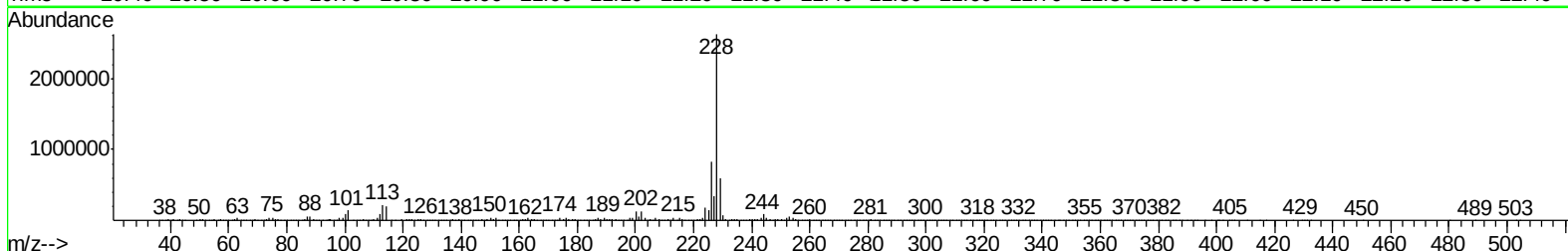
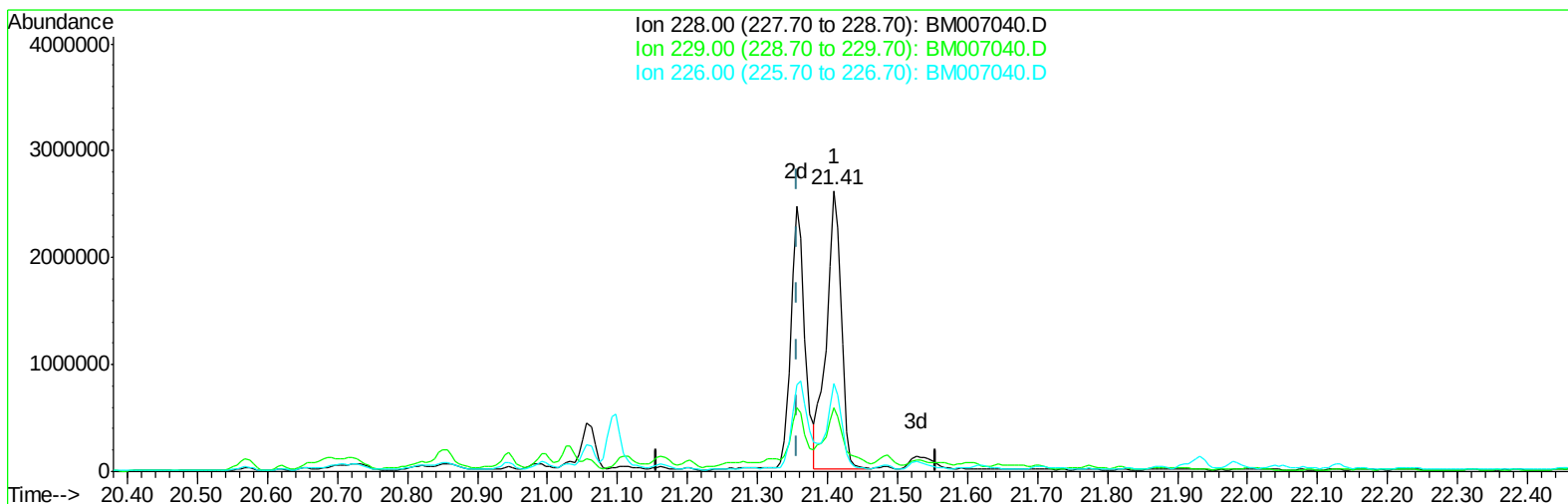
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Quant Time: Aug 13 05:12:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
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Manual Integrations
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TIC: BM007040.D

(80) Benzo(a)anthracene
21.409min (+0.053) 29.60ng/ul
response 3817041

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.88
226.00	27.30	31.37
0.00	0.00	0.00

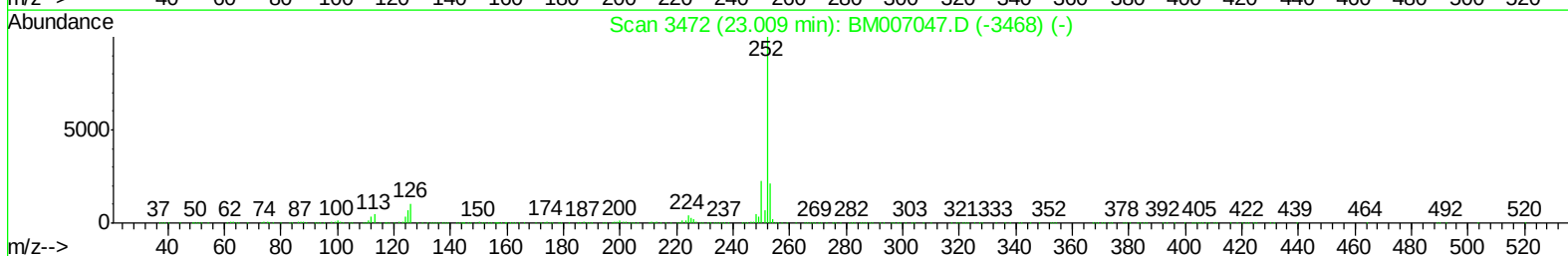
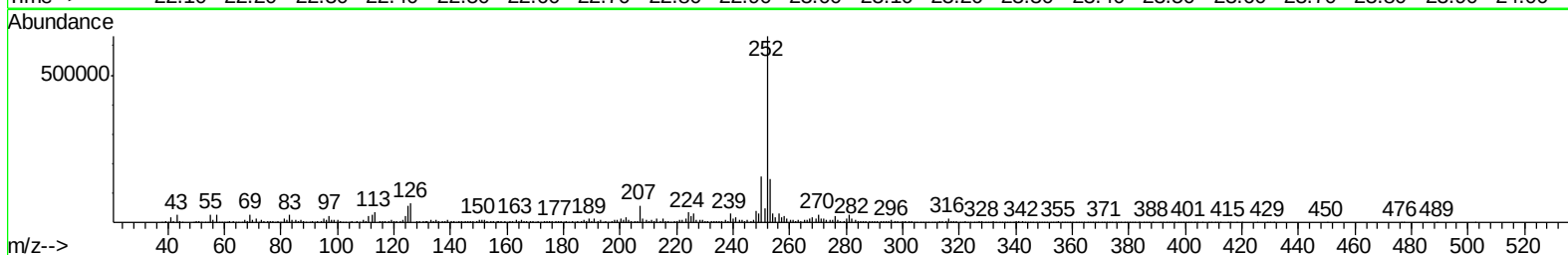
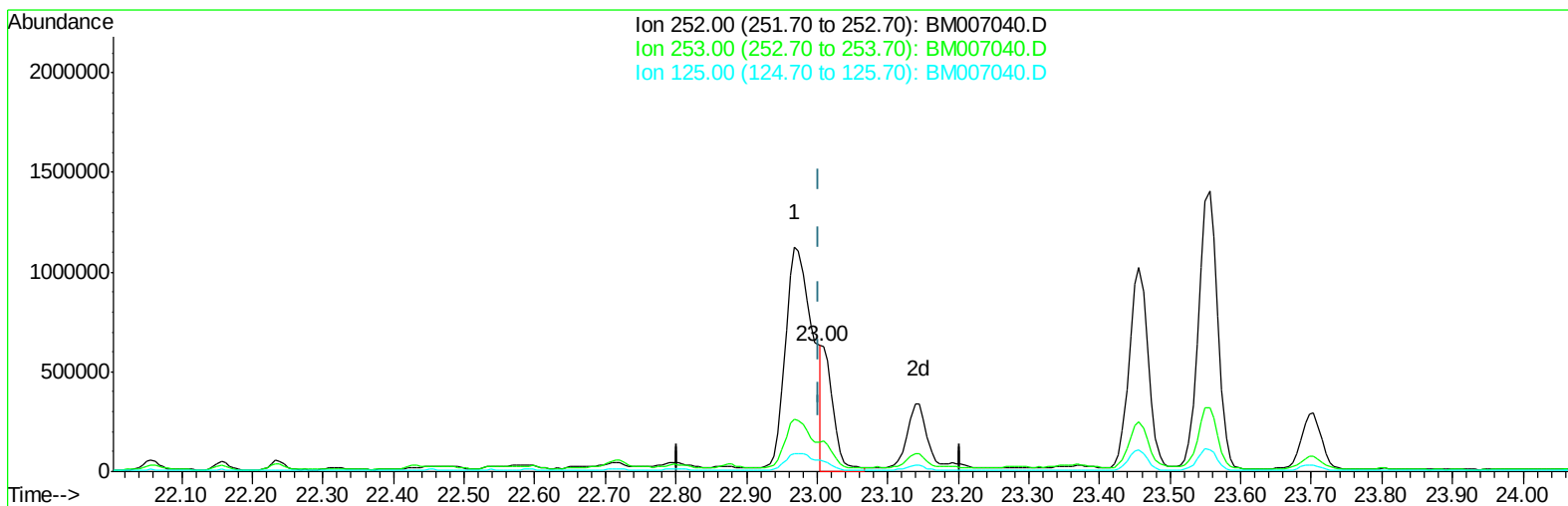
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Instrument :
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TIC: BM007040.D

(86) Benzo(k)fluoranthene

23.003min (0.000) 5.63ng/ul m

response 720118

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.38
125.00	7.10	9.26#
0.00	0.00	0.00

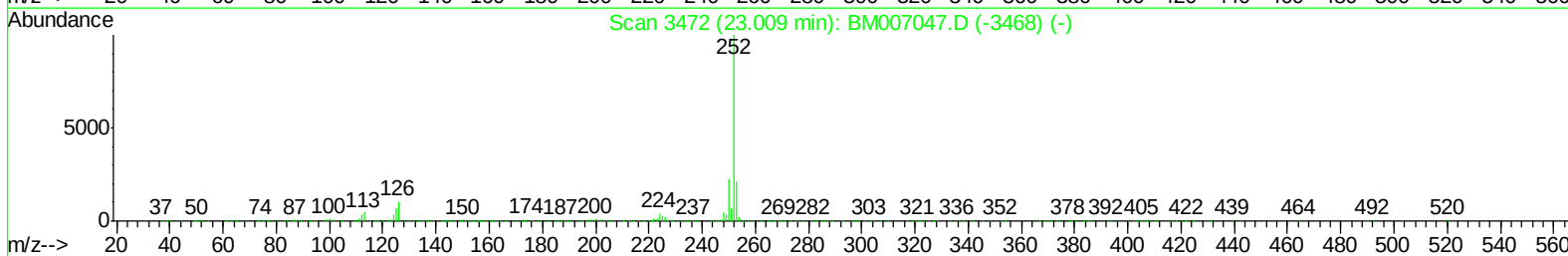
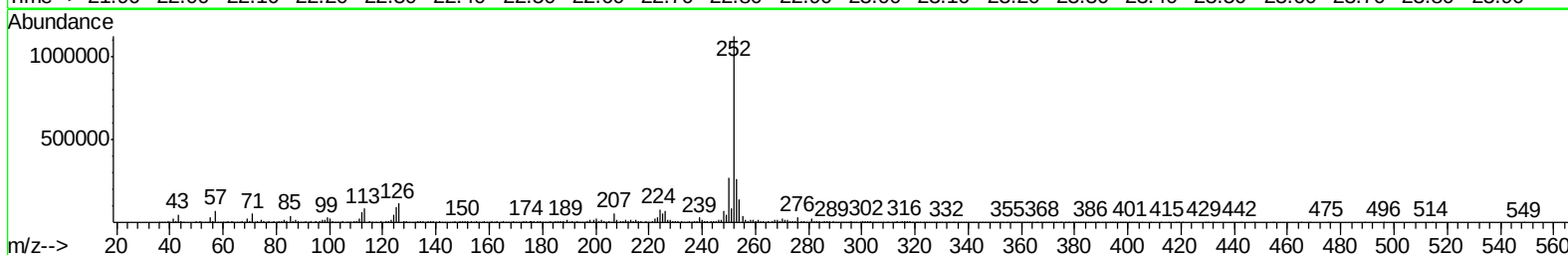
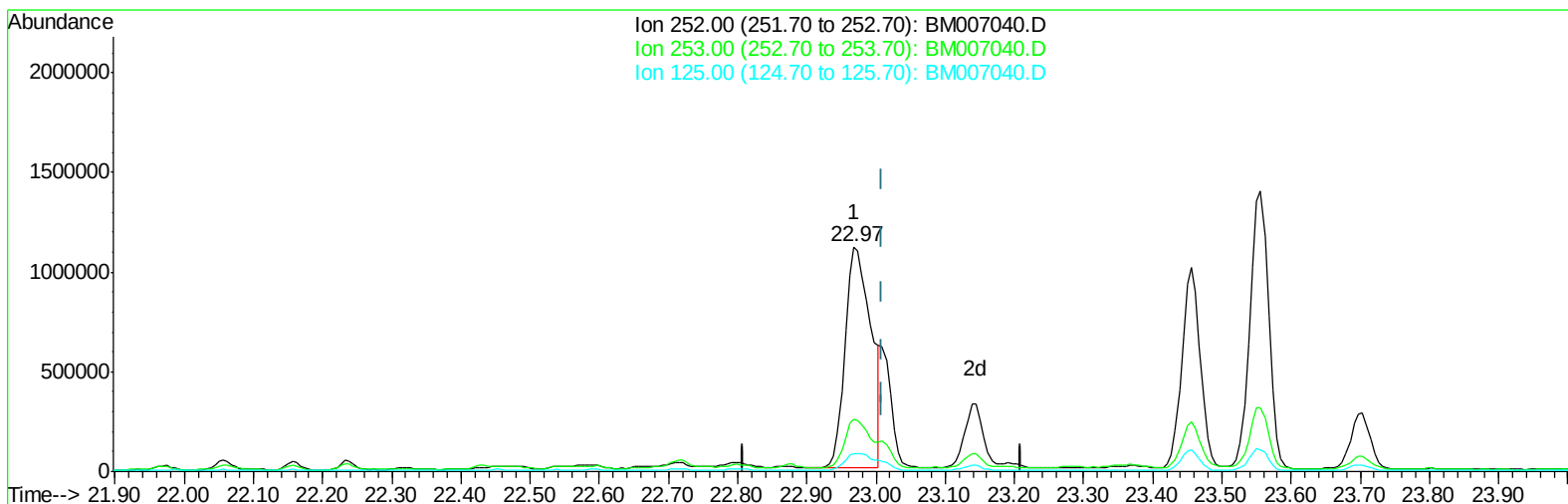
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TIC: BM007040.D

(86) Benzo(k)fluoranthene

22.968min (-0.041) 22.90ng/ul

response 2932978

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.58
125.00	7.10	7.97
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	7.82	152	469153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	2101437	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	1313206	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2877681	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	2182711	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	2262184	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	24485	2.28	ng/uL	0.00
5) Phenol-d5	6.97	99	602388	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	350494	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	494152	16.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	457016	14.61	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	253639	16.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	275012	16.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	551029	16.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	412488	10.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1734643	15.99	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2179227	16.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	218033	11.21	ng/ul	0.00
57) Fluorene-d10	15.44	176	1542117	16.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	134858	8.48	ng/ul	0.00
70) Anthracene-d10	17.29	188	2272408	17.05	ng/ul	0.00
76) Pyrene-d10	19.59	212	2067924	22.45	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.51	264	1713369	16.56	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	7.00	94	690765	17.26 ng/ul	98
10) 2-Chlorophenol	7.38	128	499590	16.14 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	434178	17.32 ng/ul	96
28) Naphthalene	10.65	128	107129	1.03 ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	623767	16.78 ng/ul	98
34) 2-Methylnaphthalene	12.26	142	134137	1.67 ng/ul	99
44) Dimethylphthalate	13.90	163	1294603	11.94 ng/ul	99
47) Acenaphthylene	14.17	152	1106836	8.25 ng/ul	99
49) Acenaphthene	14.51	153	1538469	17.66 ng/ul	99
52) 4-Nitrophenol	14.65	109	226101	11.44 ng/ul	94
54) 2,4-Dinitrotoluene	14.81	165	525746	16.90 ng/ul#	99
58) Fluorene	15.49	166	474059	4.55 ng/ul#	99
68) Pentachlorophenol	16.84	266	302102	13.32 ng/ul	100
69) Phenanthrene	17.23	178	6447436	41.66 ng/ul	98
71) Anthracene	17.32	178	1101963	6.94 ng/ul	99
74) Fluoranthene	19.25	202	6013936	32.04 ng/ul	99
77) Pyrene	19.62	202	11433035	94.74 ng/ul	99
80) Benzo(a)anthracene	21.36	228	3600809m	27.92 ng/ul	
82) Chrysene	21.41	228	3817041	32.39 ng/ul	95
85) Benzo(b)fluoranthene	22.97	252	2932978	21.52 ng/ul	96
86) Benzo(k)fluoranthene	23.00	252	720118m	5.63 ng/ul	
88) Benzo(a)pyrene	23.56	252	2628340	20.35 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	1478157	9.34 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.96	278	449272	3.38	ng/ul#	85
91) Benzo(g,h,i)perylene	26.66	276	1611350	12.04	ng/ul	99

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

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