

Instrument :
BNA_M
ClientSampleId :
F5B47

mohammad
6/12/2017 3:41:16 PM

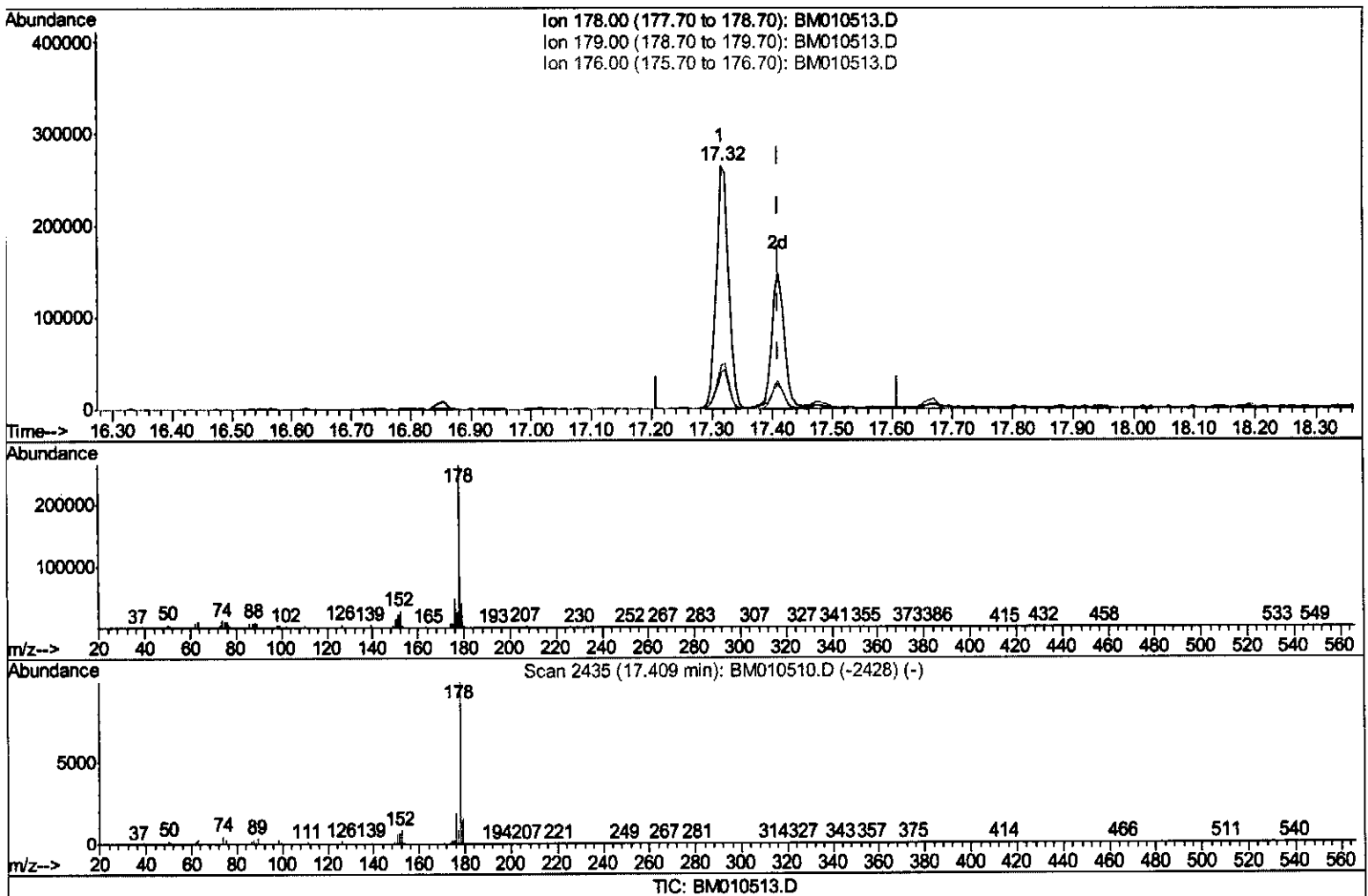
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010513.D
Acq On : 11 Jun 2017 07:46
Operator : SJ/MA
Sample : I3520-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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Quant Time: Jun 12 09:07:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



(71) Anthracene

17.315min (-0.094) 7.05ng/ul

response 374871

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.03
176.00	18.20	17.66
0.00	0.00	0.00

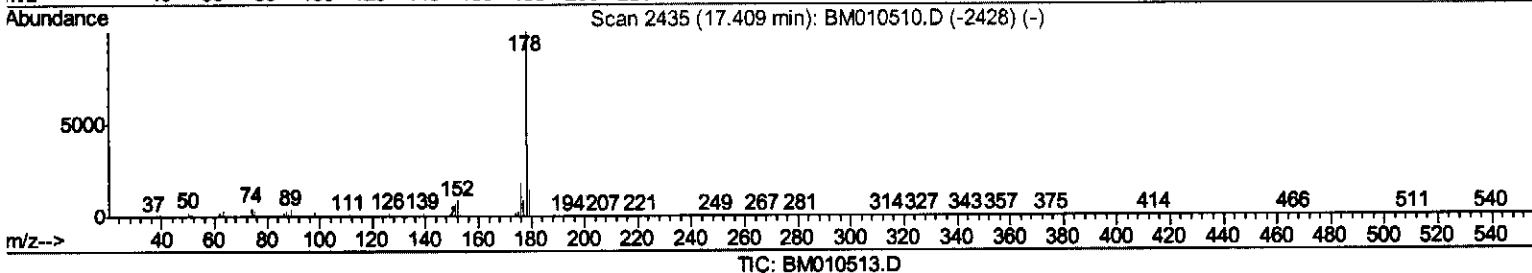
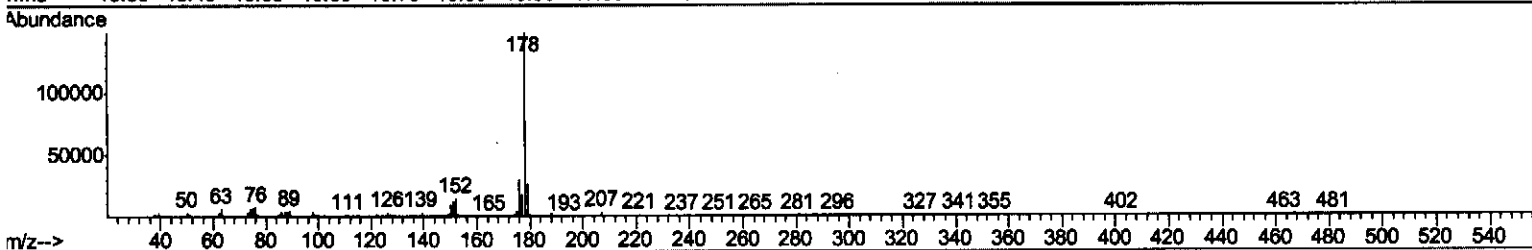
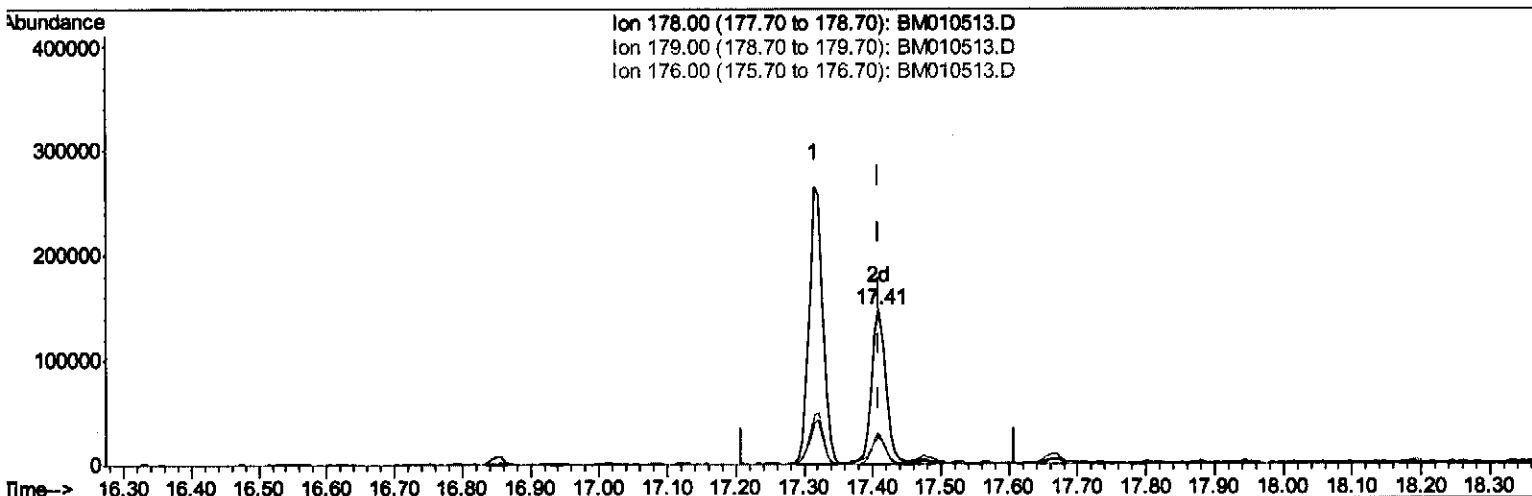
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(71) Anthracene

17.409min (+0.000) 4.04ng/ul m

response 214772

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	17.96#
176.00	18.20	20.14
0.00	0.00	0.00

SJ
6/19/17

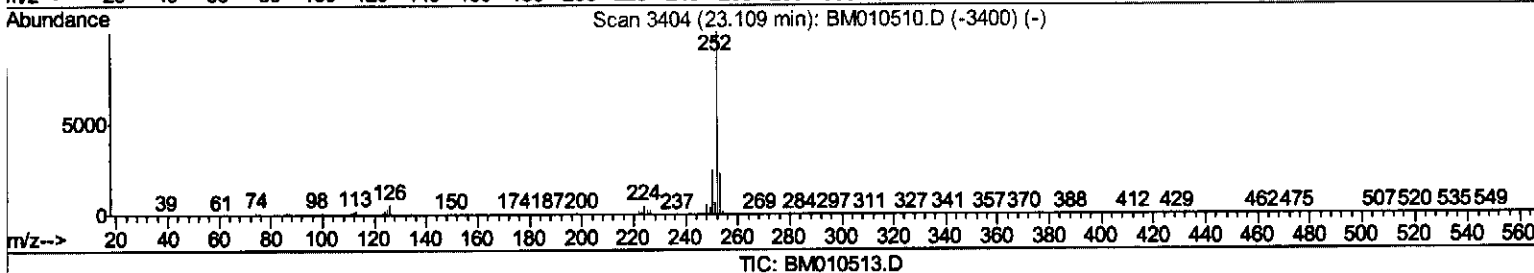
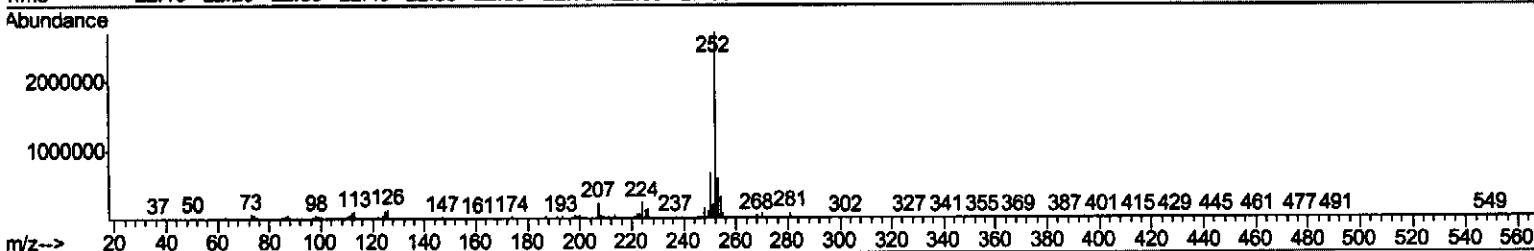
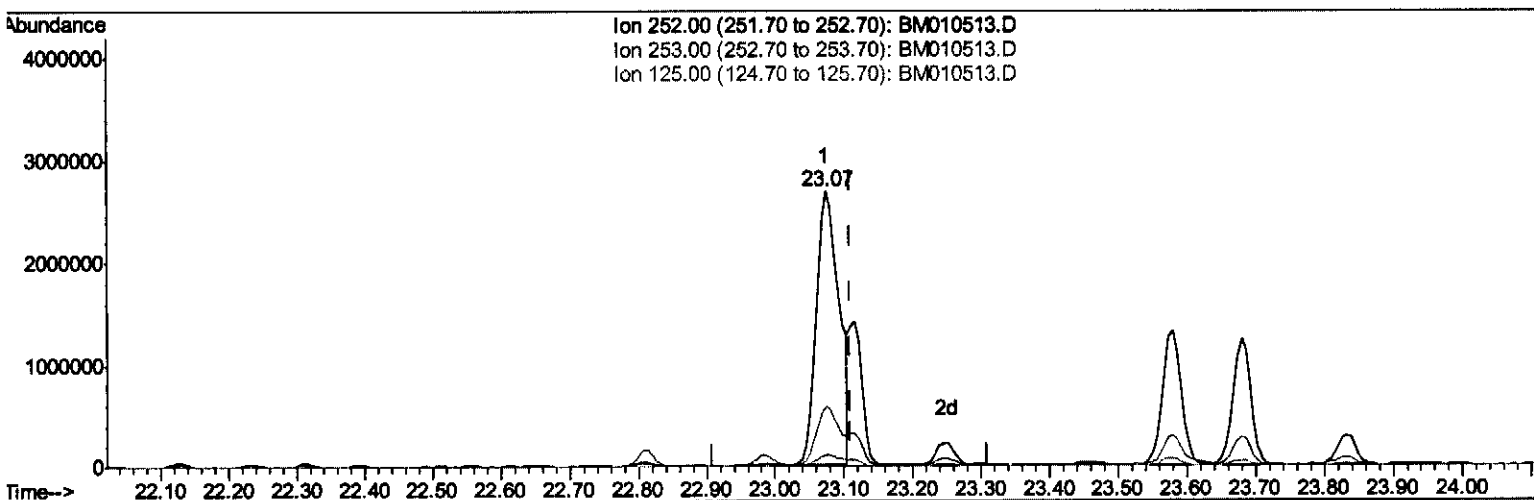
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.074min (-0.035) 77.29ng/ul

response 6280236

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.85
125.00	4.30	4.05
0.00	0.00	0.00

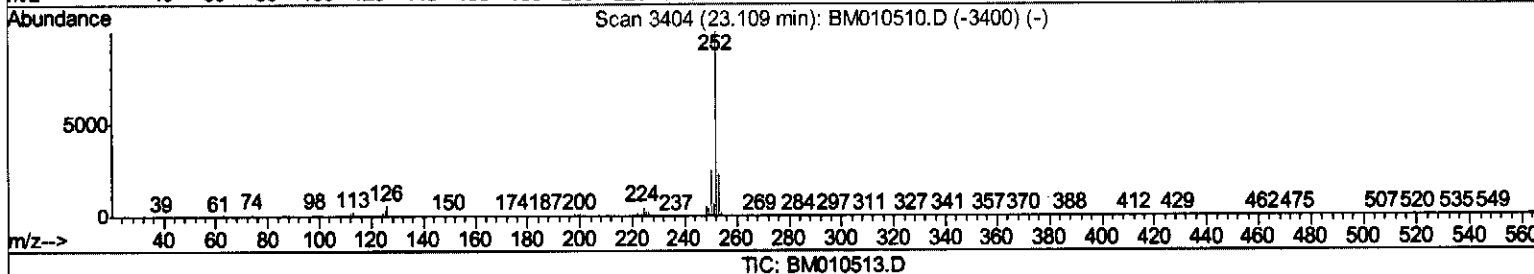
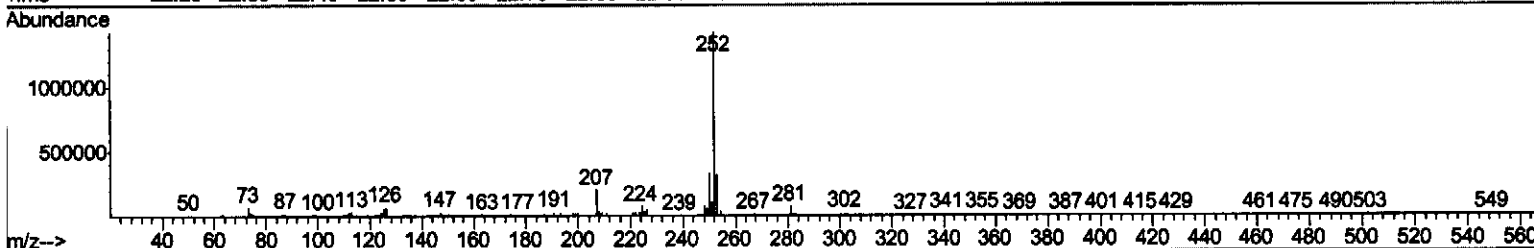
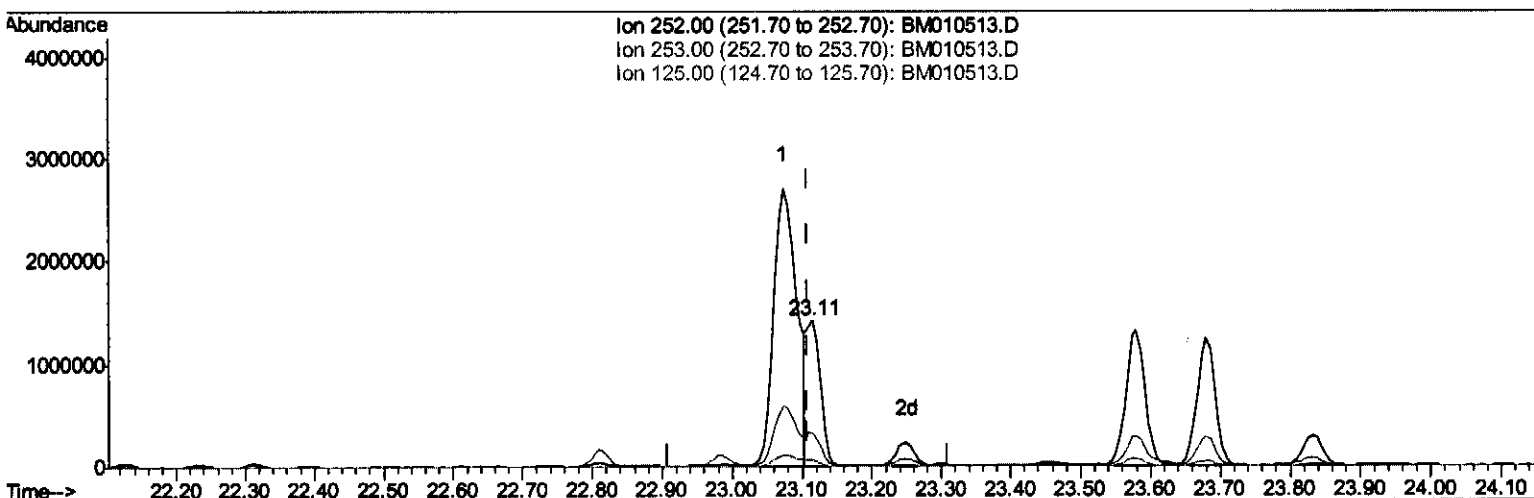
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 Data File : BM010513.D
 Acq On : 11 Jun 2017 07:46
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 Sample : I3520-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jun 12 09:07:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.115min (+0.006) 22.82ng/ul m

response 1854014

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.76
125.00	4.30	3.92
0.00	0.00	0.00

SJ
eb/19/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010513.D
 Acq On : 11 Jun 2017 07:46
 Operator : SJ/MA
 Sample : I3520-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:41:16 PM

Quant Time: Jun 12 09:29:42 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	176471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	623597	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	408601	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	954562	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1459308	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1461714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	18810	4.37	ng/uL	0.00
5) Phenol-d5	7.07	99	304300	22.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	185169	24.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	283255	26.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	251655	23.32	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	128316	28.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	158220	29.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	326899	30.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	270162	25.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	1055474	31.09	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1153938	29.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	100380	19.76	ng/ul	0.00
57) Fluorene-d10	15.52	176	883352	29.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	170361	25.20	ng/ul	0.00
70) Anthracene-d10	17.37	188	1417779	30.52	ng/ul	0.00
76) Pyrene-d10	19.67	212	1809298	29.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1944346	28.57	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.10	94	26833	1.957 ng/ul#	87	
44) Dimethylphthalate	13.99	163	279747	8.379 ng/ul#	96	
47) Acenaphthylene	14.26	152	128280	3.315 ng/ul	94	
69) Phenanthrene	17.32	178	374871	7.356 ng/ul	98	
71) Anthracene	17.41	178	214772m	4.037 ng/ul	98	506/19/17
72) Carbazole	17.70	167	109466	2.431 ng/ul#	91	
74) Fluoranthene	19.33	202	5256516	83.882 ng/ul#	97	
77) Pyrene	19.70	202	5091286	67.704 ng/ul#	96	
80) Benzo(a)anthracene	21.43	228	2673016	32.482 ng/ul	97	
82) Chrysene	21.48	228	3938550	52.945 ng/ul	98	
85) Benzo(b)fluoranthene	23.07	252	6280236	73.838 ng/ul	99	
86) Benzo(k)fluoranthene	23.11	252	1854014m	22.818 ng/ul	99	506/19/17
88) Benzo(a)pyrene	23.68	252	2269609	26.920 ng/ul	99	
89) Indeno(1,2,3-cd)pyrene	26.16	276	1707638	16.032 ng/ul#	97	
90) Dibenzo(a,h)anthracene	26.16	278	478989	5.221 ng/ul	96	
91) Benzo(g,h,i)perylene	26.90	276	1183091	13.482 ng/ul	98	

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