

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062217\

Quantitation Report (Qedit)

Data File : BM010650.D

Acq On : 22 Jun 2017 09:10

Operator : SJ/JU

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 01:00:13 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 22 01:38:04 2017

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

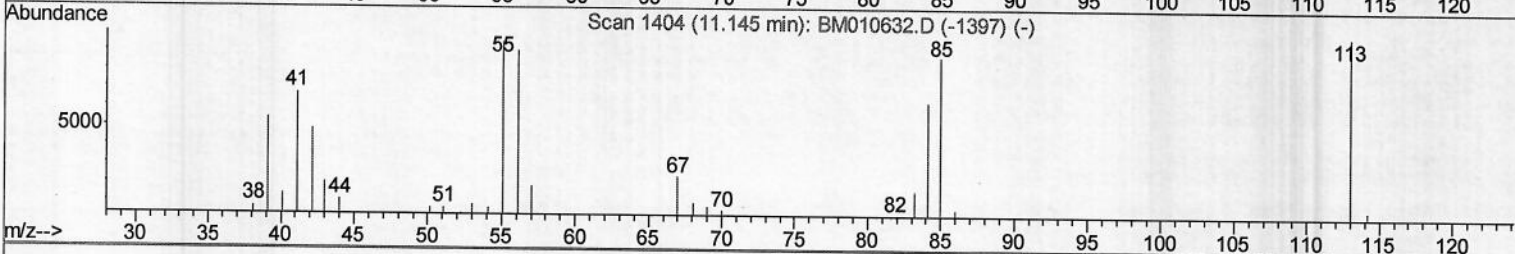
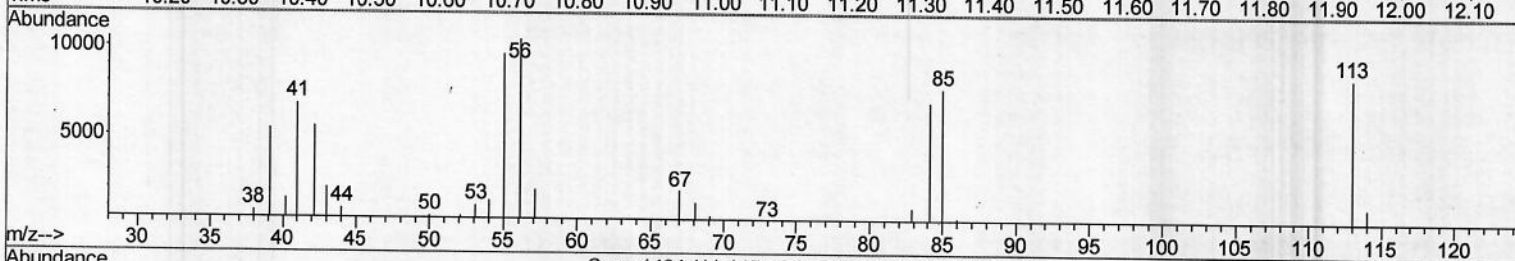
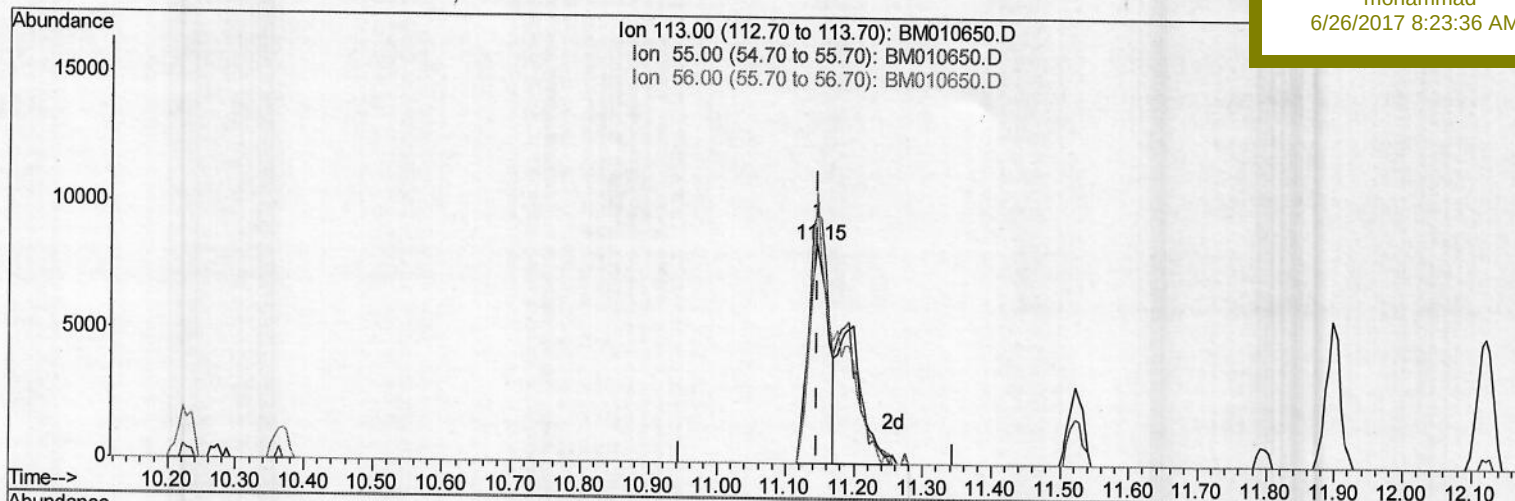
SSTD02043

Manual Integrations

APPROVED

mohammad

6/26/2017 8:23:36 AM



TIC: BM010650.D

(32) Caprolactam

11.145min (+0.000) 10.42ng/ul

response 16901

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	113.49
56.00	107.50	123.65
0.00	0.00	0.00

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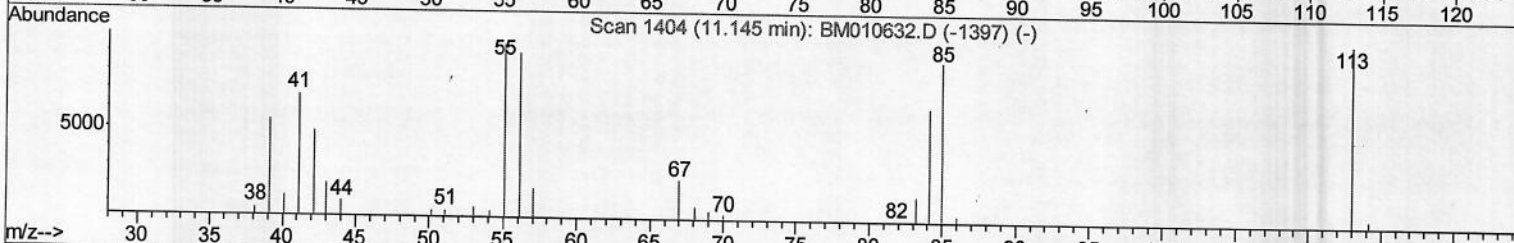
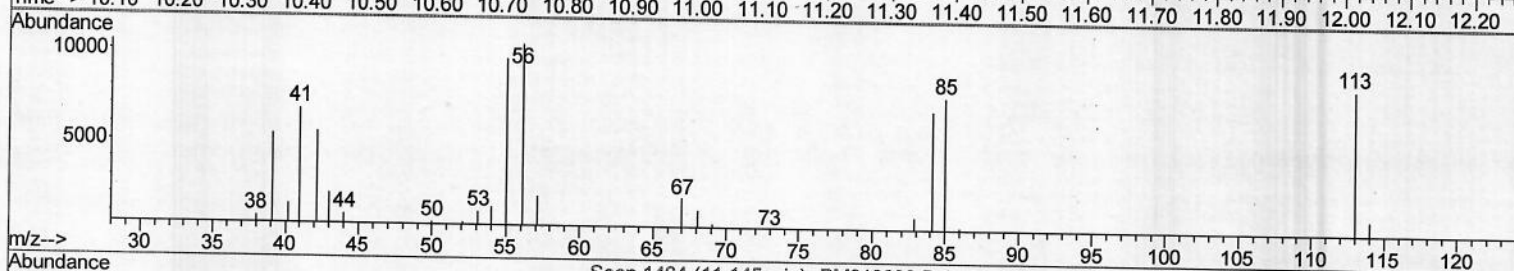
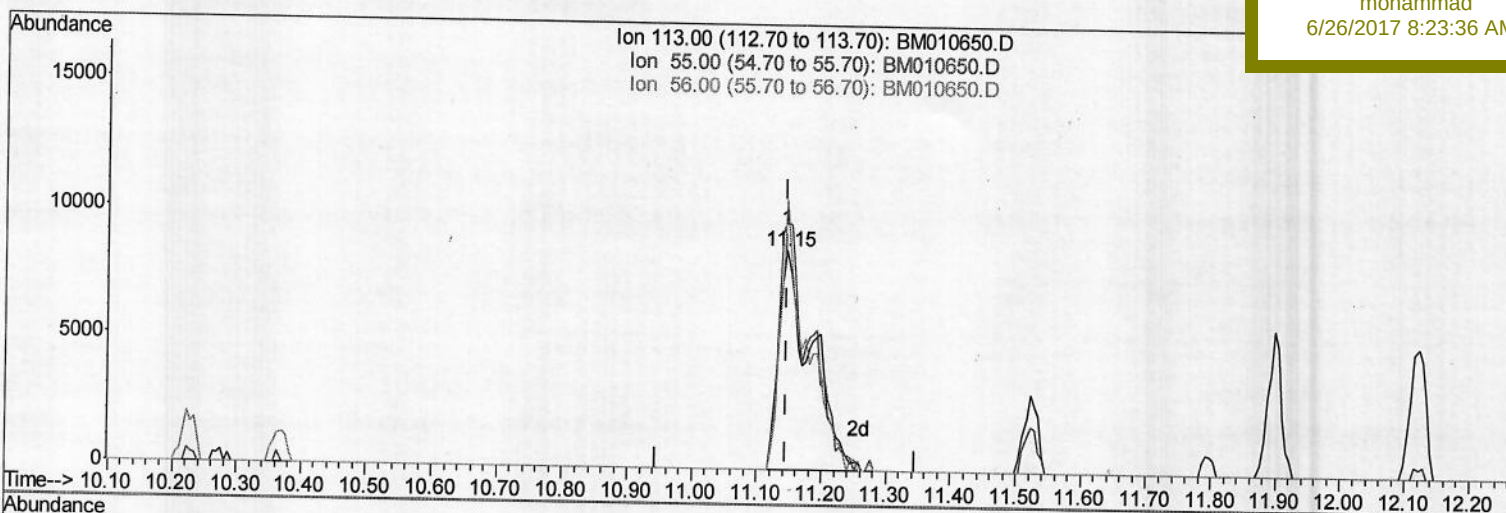
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6/26/2017 8:23:36 AM



TIC: BM010650.D

(32) Caprolactam

11.145min (+0.000) 18.37ng/ul m

response 29782

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	113.49
56.00	107.50	123.65
0.00	0.00	0.00

S.J
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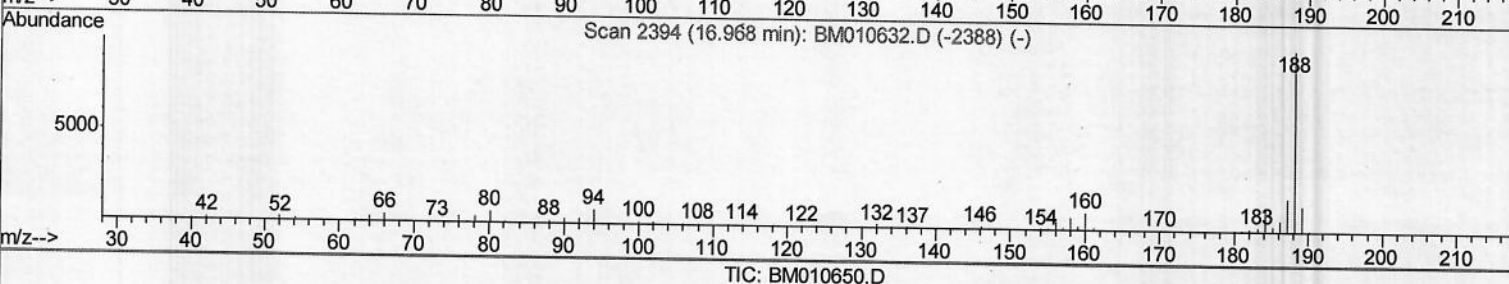
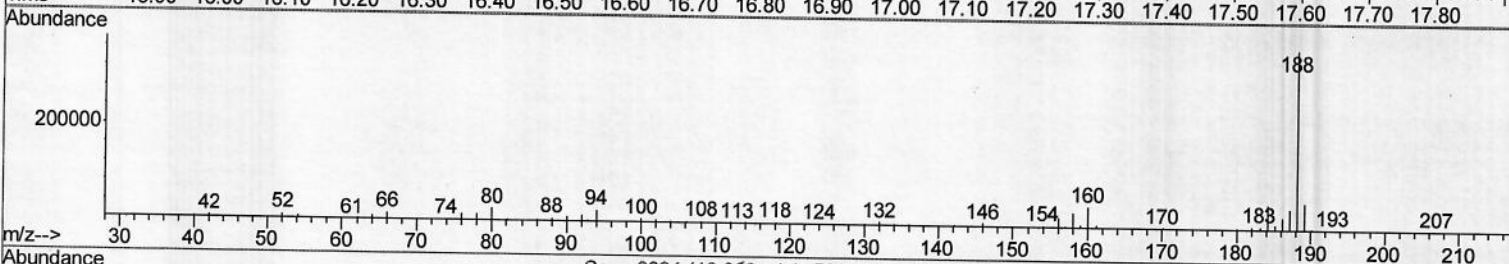
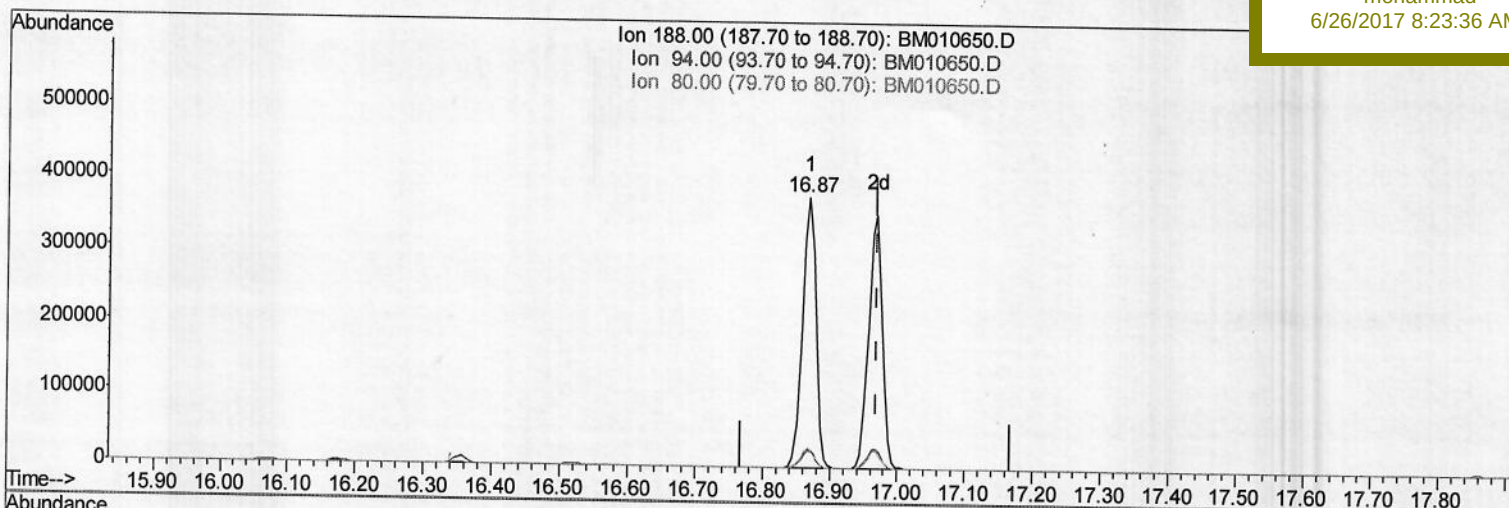
SSTD02043

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TIC: BM010650.D

(70) Anthracene-d10 (S)

16.869min (-0.100) 20.71ng/ul

response 518083

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.54
80.00	5.90	6.78
0.00	0.00	0.00

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Acq On : 22 Jun 2017 09:10

Operator : SJ/JU

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

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LabSampleId :

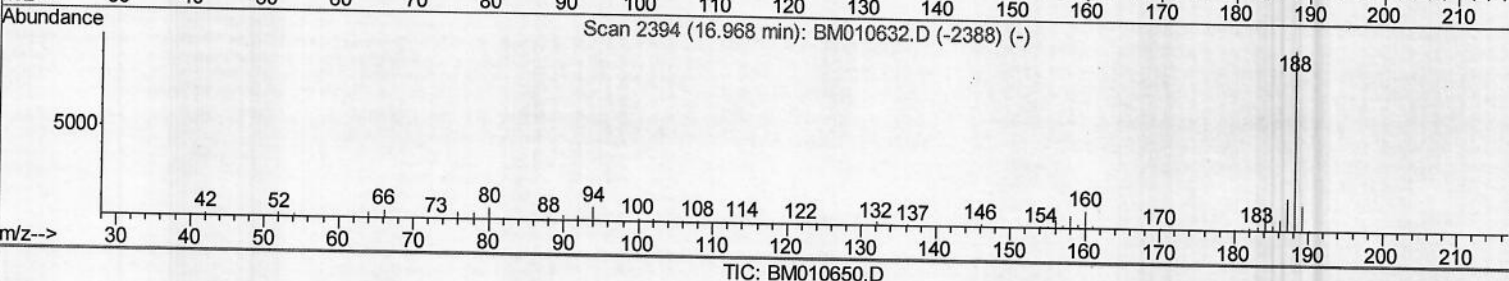
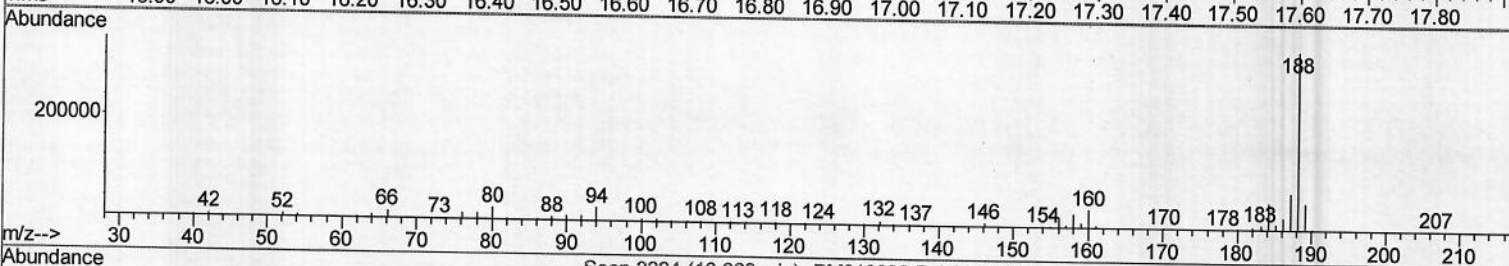
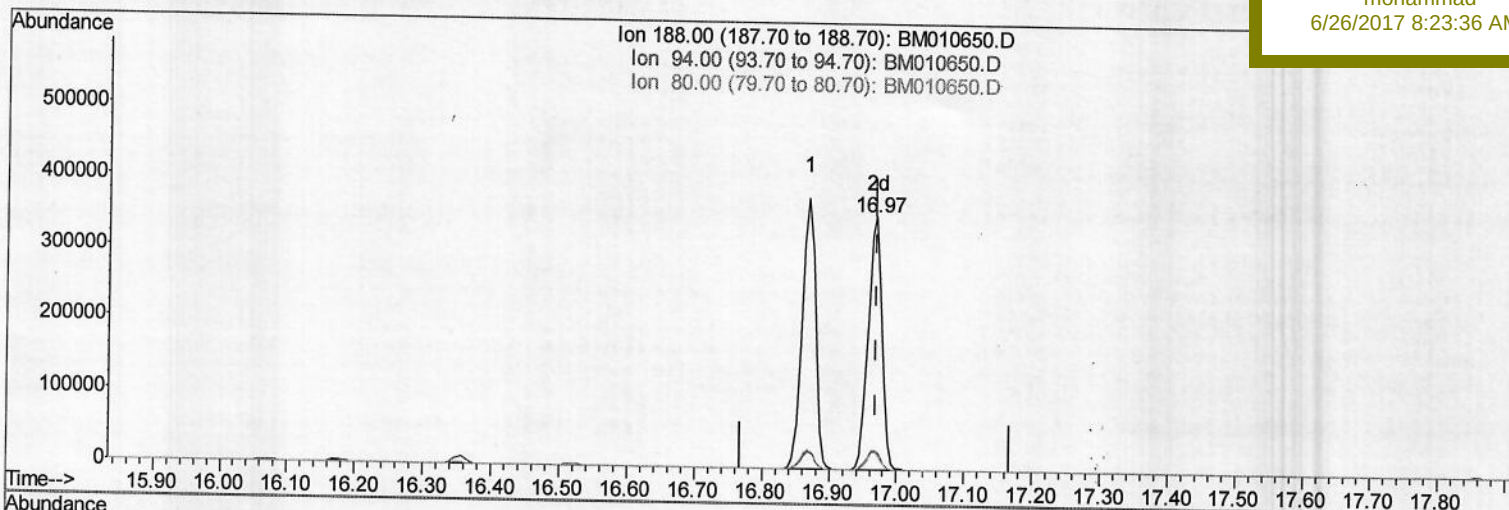
SSTD02043

Manual Integrations

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(70) Anthracene-d10 (S)

16.969min (+0.000) 19.85ng/ul m

response 496630

Ion Exp% Act%

188.00 100 100

94.00 5.70 7.39#

80.00 5.90 6.72

0.00 0.00 0.00

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Quant Time: Jun 23 01:01:56 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	60603	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	274325	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	198915	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	518083	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	617300	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	501431	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	9176	8.68	ng/uL	0.00
5) Phenol-d5	6.65	99	99248	17.19	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.81	67	54563	16.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	76539	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	86939	18.16	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	40327	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	46222	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	95556	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	111256	22.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	343120	19.65	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	399825	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	56487	18.38	ng/ul	0.00
57) Fluorene-d10	15.12	176	304590	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	63918	20.09	ng/ul	0.00
70) Anthracene-d10	16.97	188	496630m	19.85	ng/ul	0.00
76) Pyrene-d10	19.27	212	579863	20.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	486323	20.07	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	9438	7.99	ng/uL#	38
4) Benzaldehyde	6.62	77	73086	21.51	ng/ul	92
6) Phenol	6.68	94	101318	17.04	ng/ul	94
8) Bis(2-Chloroethyl) ether	6.90	93	77183	17.83	ng/ul	92
10) 2-Chlorophenol	7.03	128	76736	18.96	ng/ul	94
11) 2-Methylphenol	7.90	108	82660	18.24	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.00	45	46989	15.55	ng/ul#	88
14) Acetophenone	8.28	105	140384	17.96	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.27	70	75232	17.86	ng/ul	92
16) 4-Methylphenol	8.23	108	88923	17.83	ng/ul	93
17) Hexachloroethane	8.52	117	36524	20.29	ng/ul	81
20) Nitrobenzene	8.65	77	111772	19.57	ng/ul	96
21) Isophorone	9.17	82	202330	17.83	ng/ul	98
23) 2-Nitrophenol	9.35	139	48807	20.41	ng/ul	91
24) 2,4-Dimethylphenol	9.42	107	118072	19.41	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.66	93	111051	17.64	ng/ul	96
27) 2,4-Dichlorophenol	9.87	162	94798	20.52	ng/ul#	87
28) Naphthalene	10.27	128	263285	19.29	ng/ul	100
30) 4-Chloroaniline	10.39	127	110369	21.94	ng/ul	92
31) Hexachlorobutadiene	10.56	225	77879	22.35	ng/ul	99
32) Caprolactam	11.15	113	29782m	18.37	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	114971	19.51	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	220416	20.09	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.28	216	142244	20.26	ng/ul#	98
37) Hexachlorocyclopentadiene	12.26	237	79757	19.76	ng/ul	94
38) 2,4,6-Trichlorophenol	12.53	196	93500	19.50	ng/ul	95
39) 2,4,5-Trichlorophenol	12.59	196	97784	19.75	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	306578	19.71	ng/ul	98
41) 2-Chloronaphthalene	12.97	162	242586	19.82	ng/ul	96
42) 2-Nitroaniline	13.19	65	73661	20.58	ng/ul	94
44) Dimethylphthalate	13.59	163	336189	19.64	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	62674	21.14	ng/ul#	73
47) Acenaphthylene	13.83	152	373574	19.31	ng/ul	97
48) 3-Nitroaniline	14.03	138	65177	21.80	ng/ul	98
49) Acenaphthene	14.18	153	251195	19.25	ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	44190	20.58	ng/ul#	80
52) 4-Nitrophenol	14.34	109	90695	23.26	ng/ul#	81
53) Dibenzofuran	14.52	168	397023	20.09	ng/ul	92
54) 2,4-Dinitrotoluene	14.49	165	98024	21.31	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.75	232	95345	19.04	ng/ul#	78
56) Diethylphthalate	14.97	149	347004	19.27	ng/ul	96
58) Fluorene	15.17	166	324405	19.61	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.17	204	178787	19.88	ng/ul	90
60) 4-Nitroaniline	15.20	138	71047	20.12	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.26	198	68350	20.16	ng/ul#	97
64) N-Nitrosodiphenylamine	15.39	169	290383	20.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.07	248	115415	19.46	ng/ul#	85
66) Hexachlorobenzene	16.17	284	123507	19.77	ng/ul#	76
67) Atrazine	16.36	200	123347	20.38	ng/ul	96
68) Pentachlorophenol	16.52	266	84080	19.09	ng/ul	96
69) Phenanthrene	16.91	178	542326	19.69	ng/ul	99
71) Anthracene	17.00	178	562916	19.84	ng/ul	100
72) Carbazole	17.27	167	474602	19.17	ng/ul	98
73) Di-n-butylphthalate	17.86	149	600886	19.09	ng/ul	100
74) Fluoranthene	18.94	202	690021	19.44	ng/ul	98
77) Pyrene	19.30	202	713152	20.00	ng/ul#	97
78) Butylbenzylphthalate	20.24	149	271819	20.28	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.01	252	247990	20.08	ng/ul#	95
80) Benzo(a)anthracene	21.07	228	720705	20.05	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.03	149	404393	19.77	ng/ul	99
82) Chrysene	21.12	228	641824	20.03	ng/ul	99
84) Di-n-octyl phthalate	21.88	149	674568	19.25	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	684802	21.04	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	637439	20.66	ng/ul	99
88) Benzo(a)pyrene	23.13	252	598305	19.97	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	585901	18.85	ng/ul	99
90) Dibenzo(a,h)anthracene	25.35	278	488429	18.86	ng/ul#	94
91) Benzo(g,h,i)perylene	25.98	276	464692	18.78	ng/ul	98

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

