Quantitation Report (Qedit)

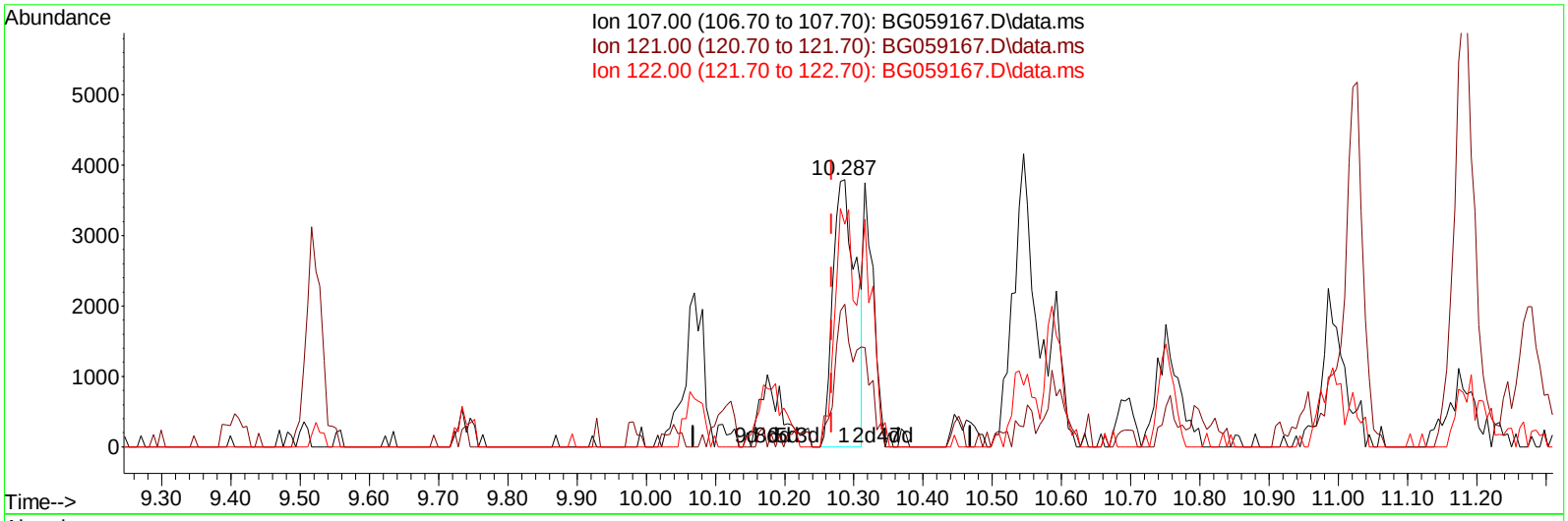
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059167.D
Acq On : 22 Sep 2023 17:19
Operator : MA/JU
Sample : 04429-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

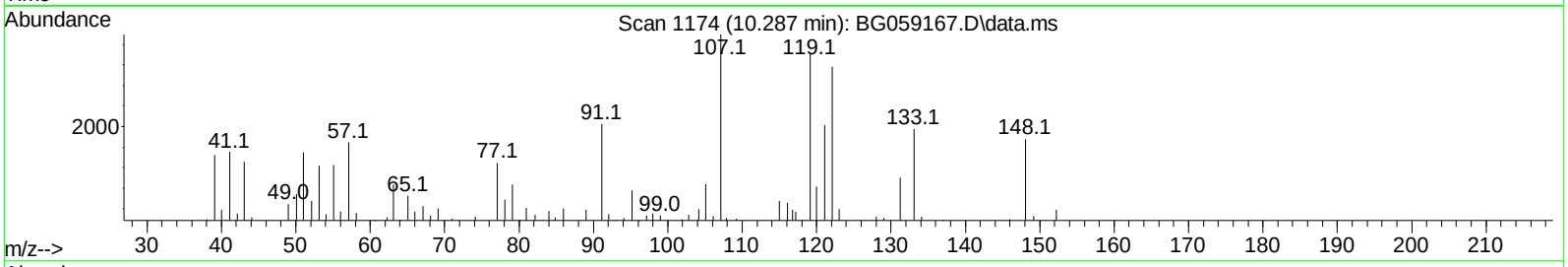
Quant Time: Sep 23 00:39:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

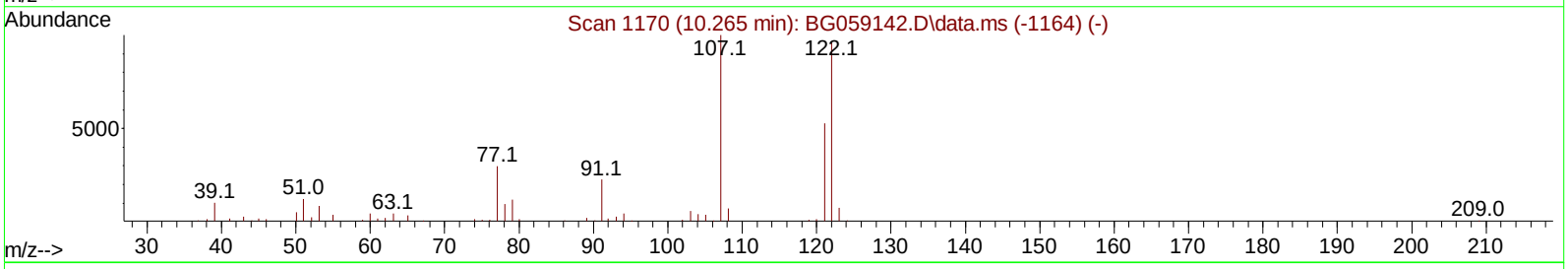
Instrument :
BNA_G
ClientSampleId :
BBBL0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023







TIC: BG059167.D\data.ms

(26) 2,4-Dimethylphenol

10.287min (+ 0.018) 3.58 ng/ul

response 8637

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	51.70	53.45
122.00	100.70	83.39
0.00	0.00	0.00

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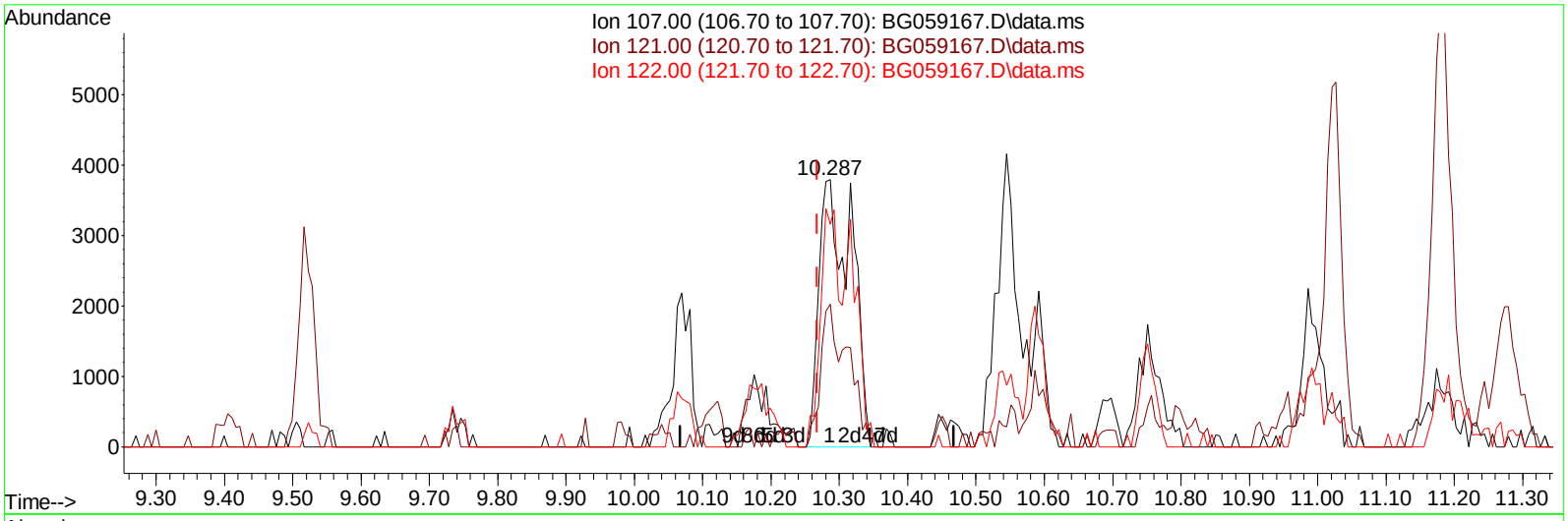

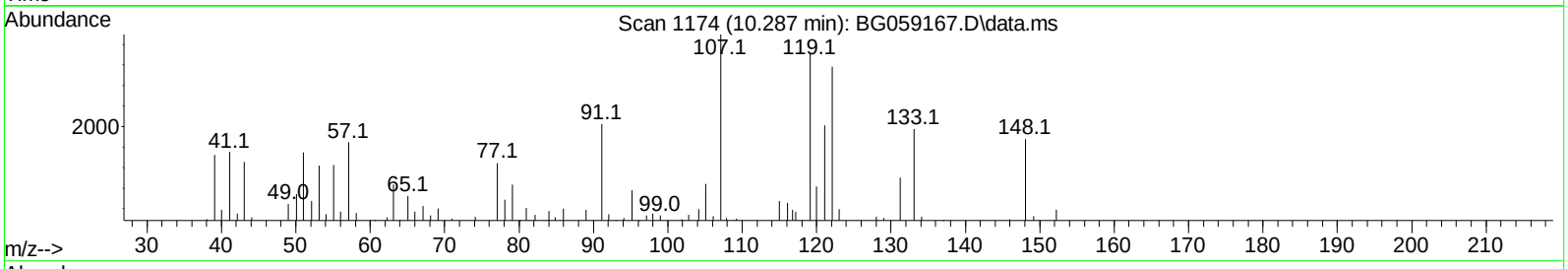

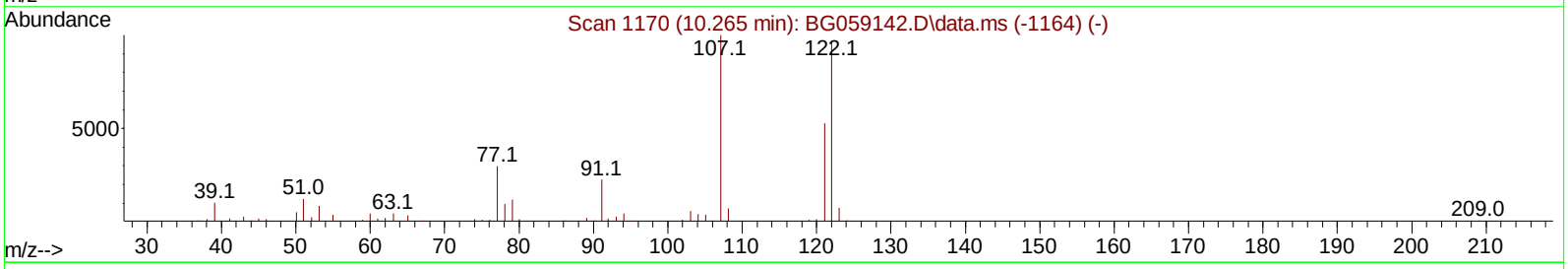

TIC: BG059167.D\data.ms

(26) 2,4-Dimethylphenol

10.287min (+ 0.018) 5.18 ng/ul m

response 12491

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	51.70	53.45
122.00	100.70	83.39
0.00	0.00	0.00

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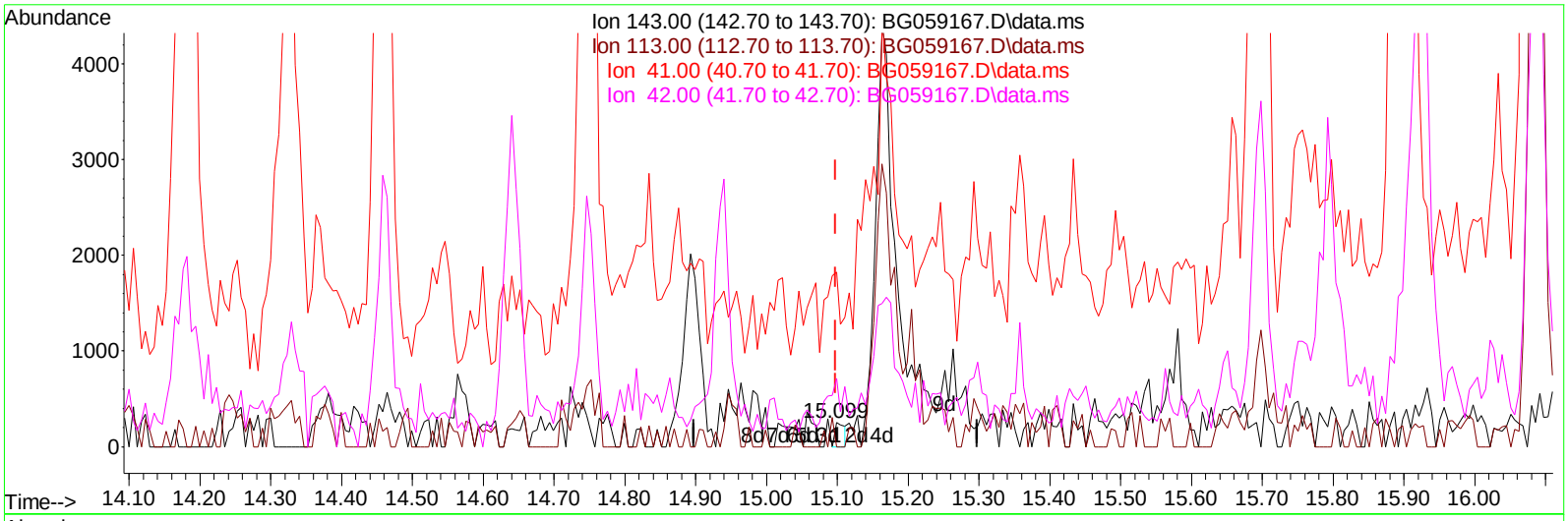

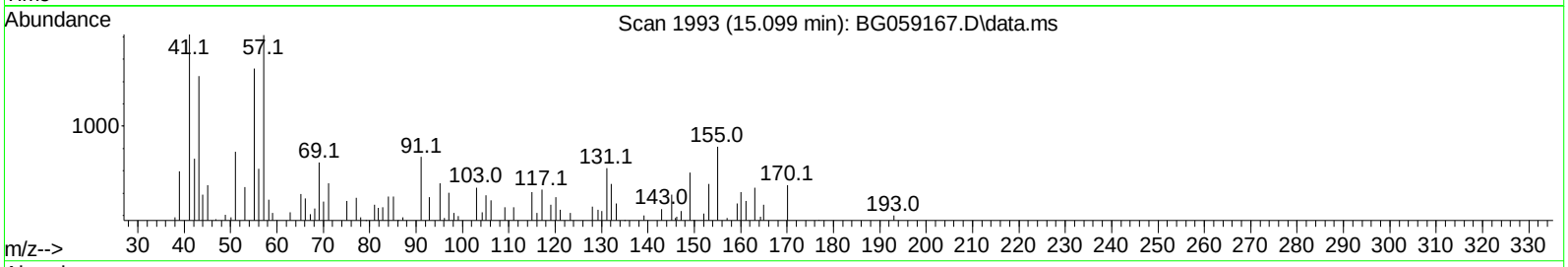

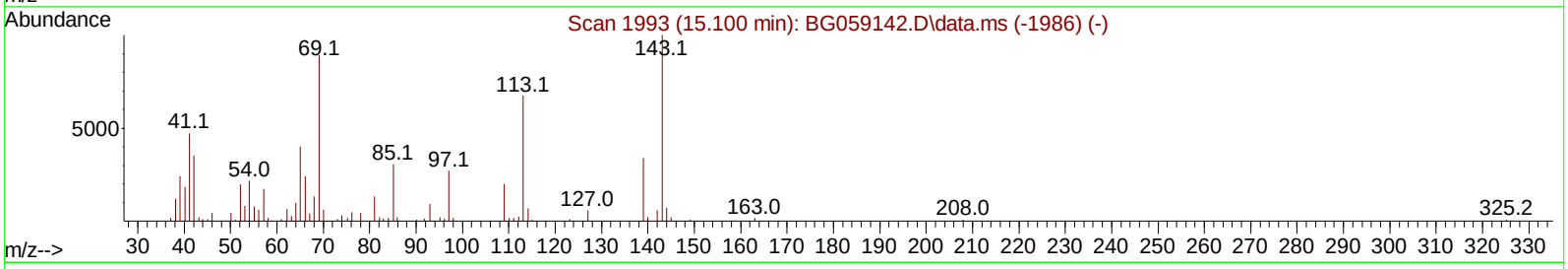

TIC: BG059167.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.099min (+ 0.001) 0.19 ng/ul

response 245

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	0.00#
41.00	52.00	708.95#
42.00	40.70	276.65#

Quantitation Report (Qedit)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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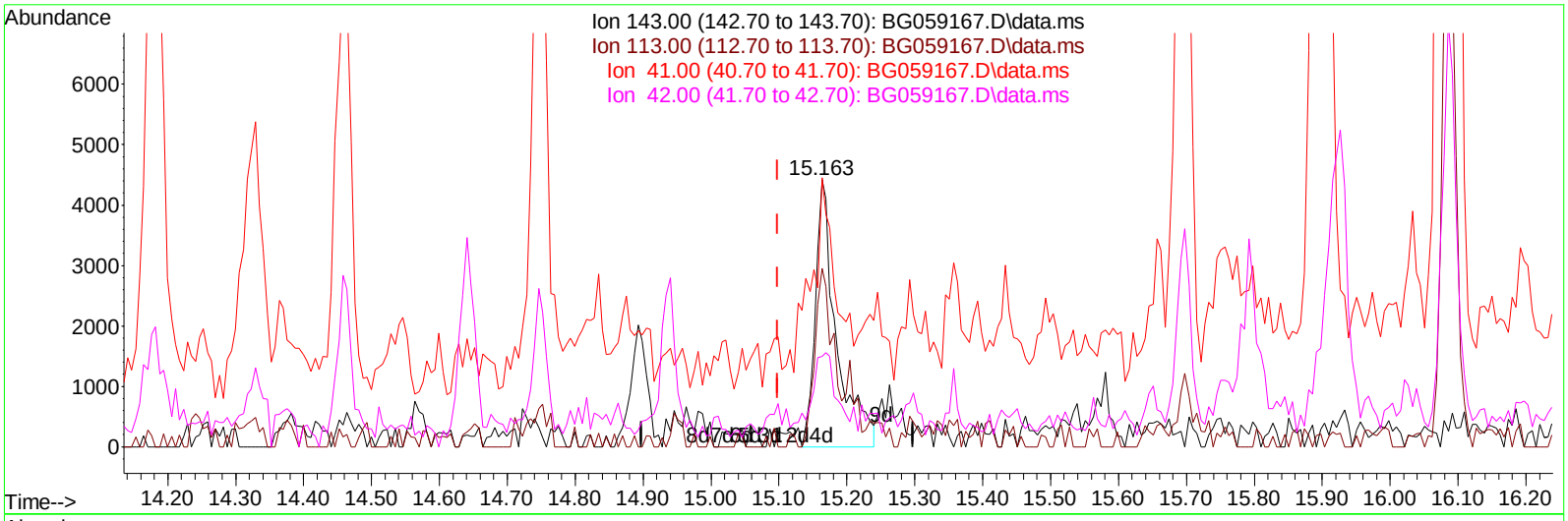

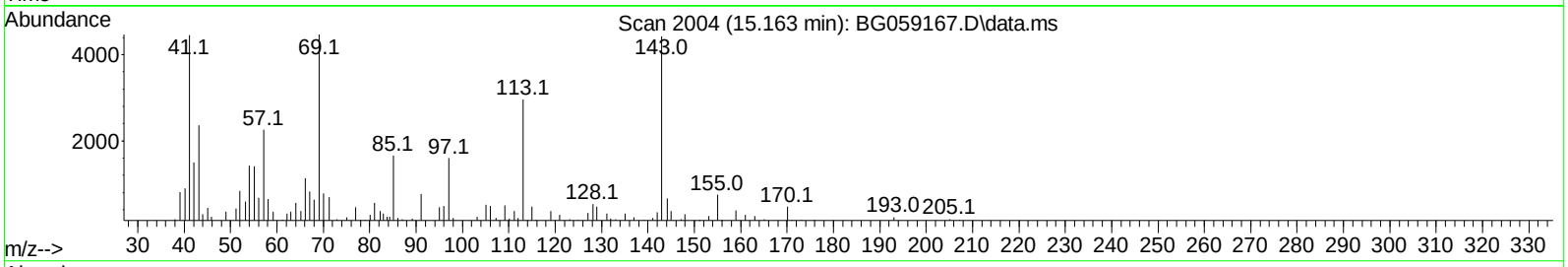

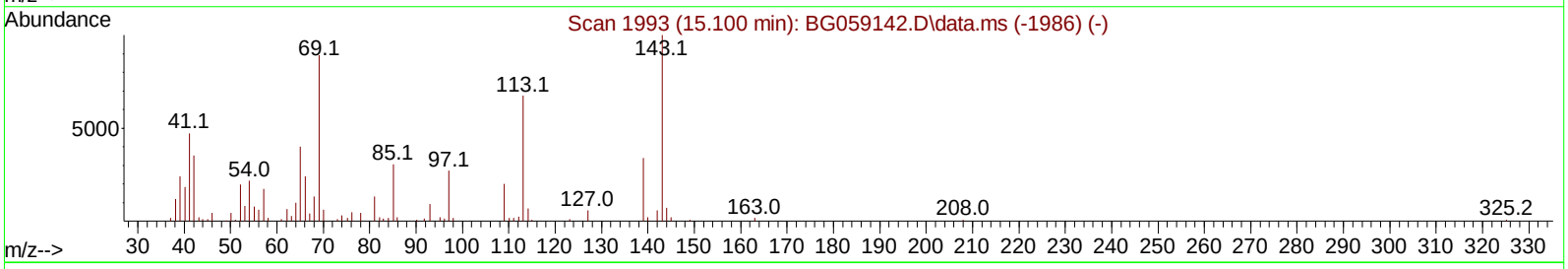

TIC: BG059167.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.163min (+ 0.065) 7.33 ng/ul m

response 9544

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	66.91
41.00	52.00	100.88#
42.00	40.70	33.79

Quantitation Report (LSC Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	27653	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.156	136	148013	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.940	164	92842	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.690	188	191783	20.000	ng/ul	0.01
79) Chrysene-d12	22.008	240	147066	20.000	ng/ul	0.01
88) Perylene-d12	25.575	264	170537	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.618	96	4587	6.493	ng/uL	0.00
4) Pyridine-d5	4.053	84	36471	17.597	ng/ul	0.00
7) Phenol-d5	7.431	99	26366	9.697	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.631	67	52350	31.373	ng/ul	0.01
11) 2-Chlorophenol-d4	7.831	132	56778	28.296	ng/ul	0.02
15) 4-Methylphenol-d8	9.000	113	49458	22.839	ng/ul	0.02
21) Nitrobenzene-d5	9.505	128	33392	29.236	ng/ul	0.01
24) 2-Nitrophenol-d4	10.228	143	36202	31.377	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.757	165	89938	41.059	ng/ul	0.02
31) 4-Chloroaniline-d4	11.297	131	80960	23.681	ng/ul	0.01
46) Dimethylphthalate-d6	14.335	166	287673	40.289	ng/ul	0.01
49) Acenaphthylene-d8	14.640	160	333982	38.415	ng/ul	0.01
54) 4-Nitrophenol-d4	15.163	143	9544m	7.326	ng/ul	0.07
60) Fluorene-d10	15.927	176	266727	40.810	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.033	200	26689	24.478	ng/ul	0.01
73) Anthracene-d10	17.790	188	380644	43.621	ng/ul	0.01
81) Pyrene-d10	20.057	212	429607	49.978	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.328	264	350856	42.134	ng/ul	0.04
Target Compounds						Qvalue
16) Acetophenone	9.158	105	6413	1.924	ng/ul#	87
18) 4-Methylphenol	9.070	108	2532	1.139	ng/ul	89
26) 2,4-Dimethylphenol	10.287	107	12491m	5.181	ng/ul	
29) 2,4-Dichlorophenol	10.786	162	39079	17.649	ng/ul	95
30) Naphthalene	11.209	128	399406	50.428	ng/ul	98
36) 2-Methylnaphthalene	12.784	142	199122	37.643	ng/ul	100
37) 1-Methylnaphthalene	13.001	142	124420	23.284	ng/ul	100
42) 2,4,5-Trichlorophenol	13.442	196	49596	25.797	ng/ul	89
43) 1,1'-Biphenyl	13.777	154	57448	7.752	ng/ul	95
52) Acenaphthene	14.999	153	7378	1.172	ng/ul	88
56) Dibenzofuran	15.328	168	8587	1.028	ng/ul	97
59) Diethylphthalate	15.721	149	54102	7.529	ng/ul	98
61) Fluorene	15.986	166	8769	1.229	ng/ul#	91
67) N-Nitrosodiphenylamine	16.180	169	11734	2.298	ng/ul	93
72) Phenanthrene	17.731	178	20020	1.865	ng/ul#	88
78) Di-n-butylphthalate	18.600	149	161341	14.365	ng/ul	99
83) Butylbenzylphthalate	20.945	149	67567	16.741	ng/ul	87
86) Bis(2-ethylhexyl)phtha...	21.820	149	63103	10.450	ng/ul	99

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

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