Quantitation Report (Qedit)

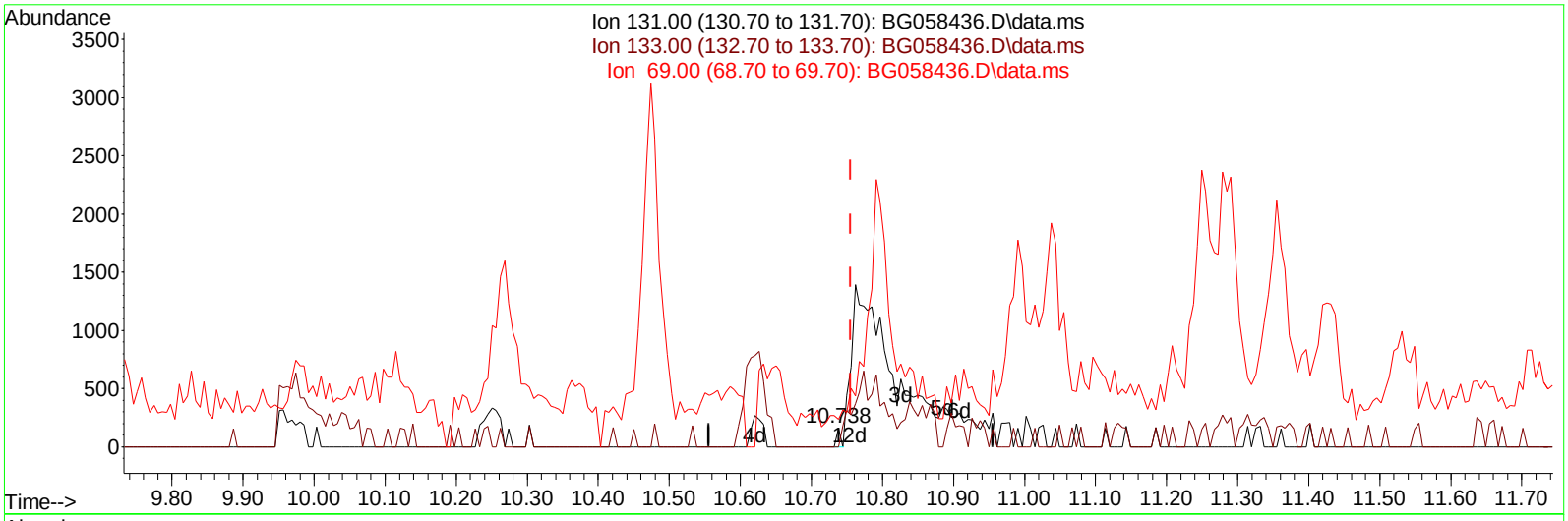
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058436.D
Acq On : 24 Jul 2023 23:37
Operator : CG/JU
Sample : 03504-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

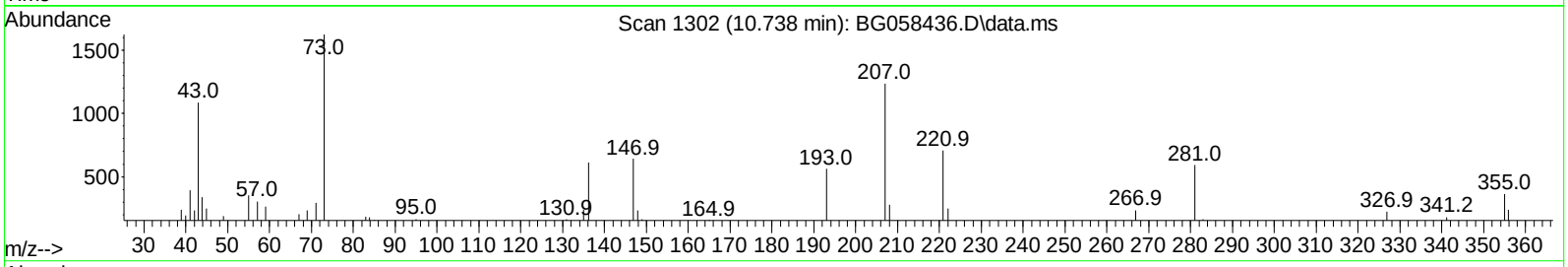
Quant Time: Jul 25 00:22:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration

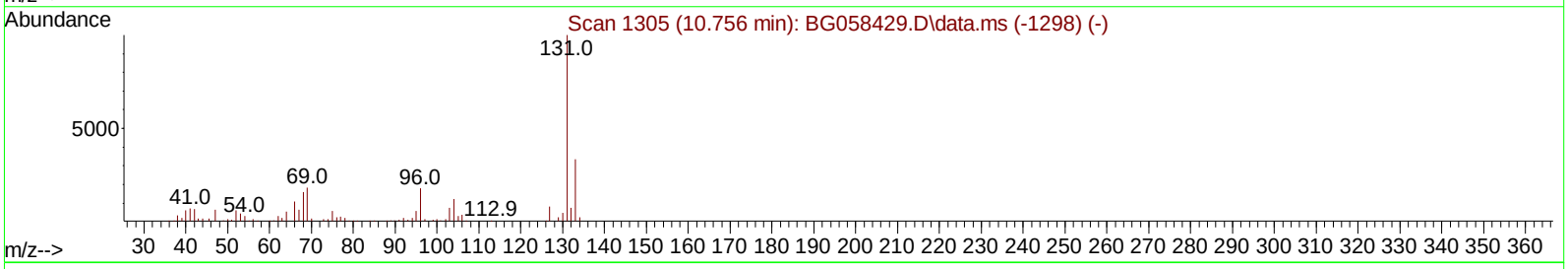
Instrument :
BNA_G
ClientSampleId :
A46S6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023







TIC: BG058436.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.738min (-0.018) 0.01 ng/ul

response 57

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	0.00#
69.00	18.60	145.06#
0.00	0.00	0.00

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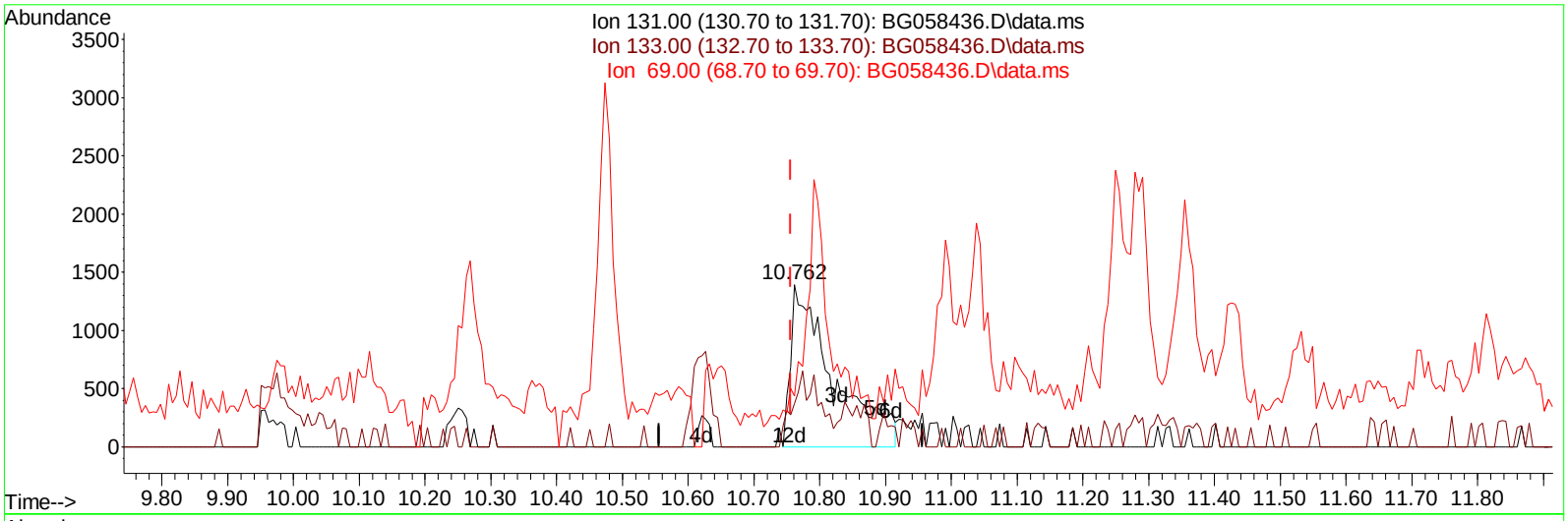

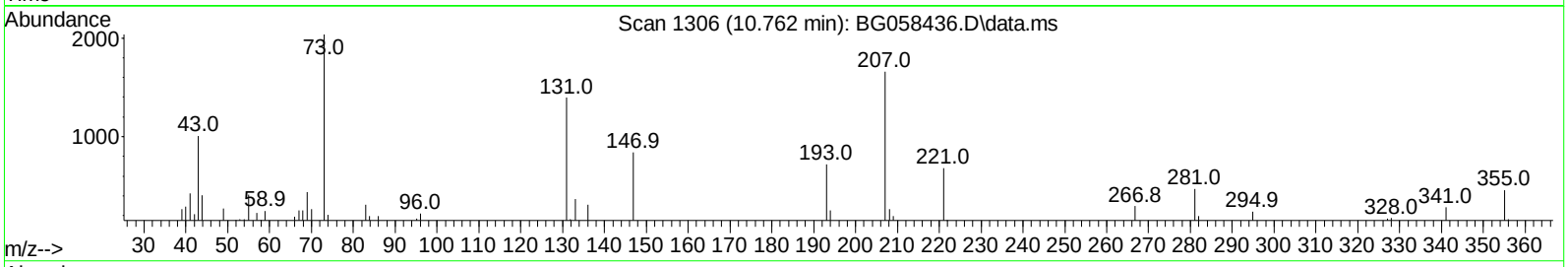

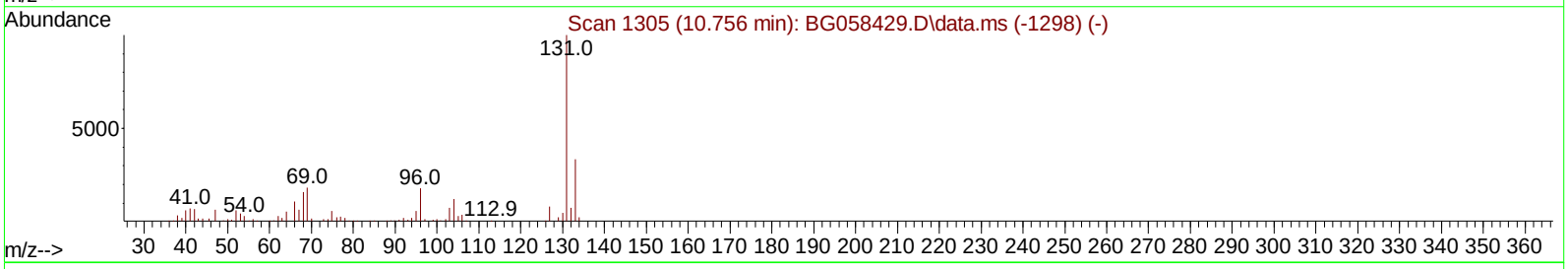

TIC: BG058436.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.762min (+ 0.006) 1.61 ng/ul m

response 6181

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	26.54
69.00	18.60	31.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

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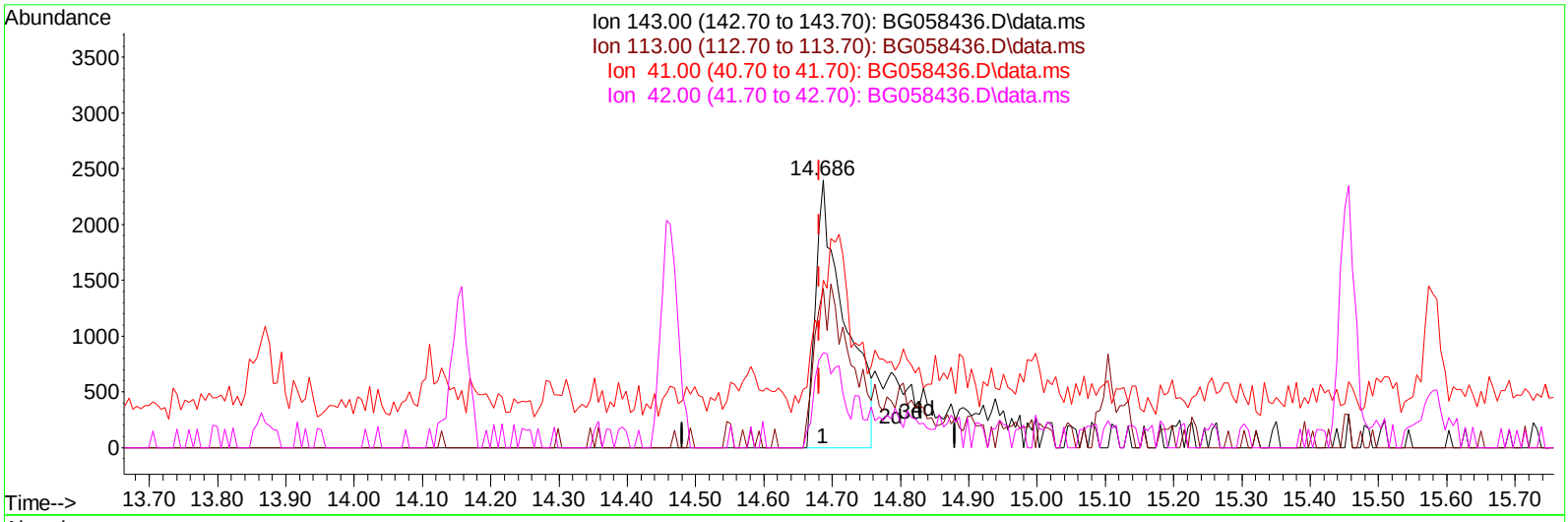

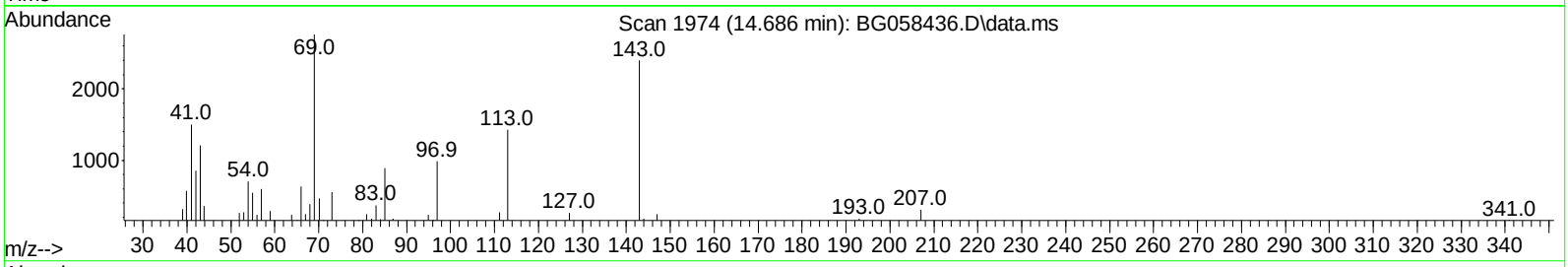

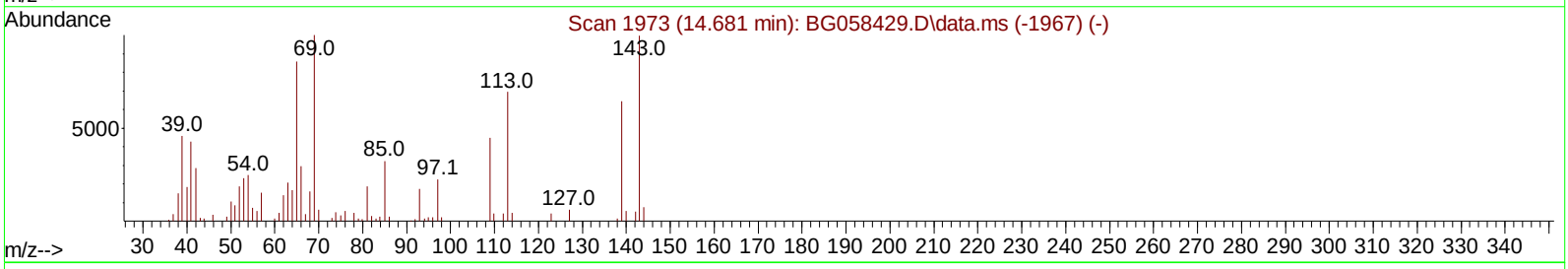

TIC: BG058436.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.686min (+ 0.006) 4.93 ng/ul

response 7017

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	67.80	59.42
41.00	46.40	62.55#
42.00	30.60	35.61

Quantitation Report (Qedit)

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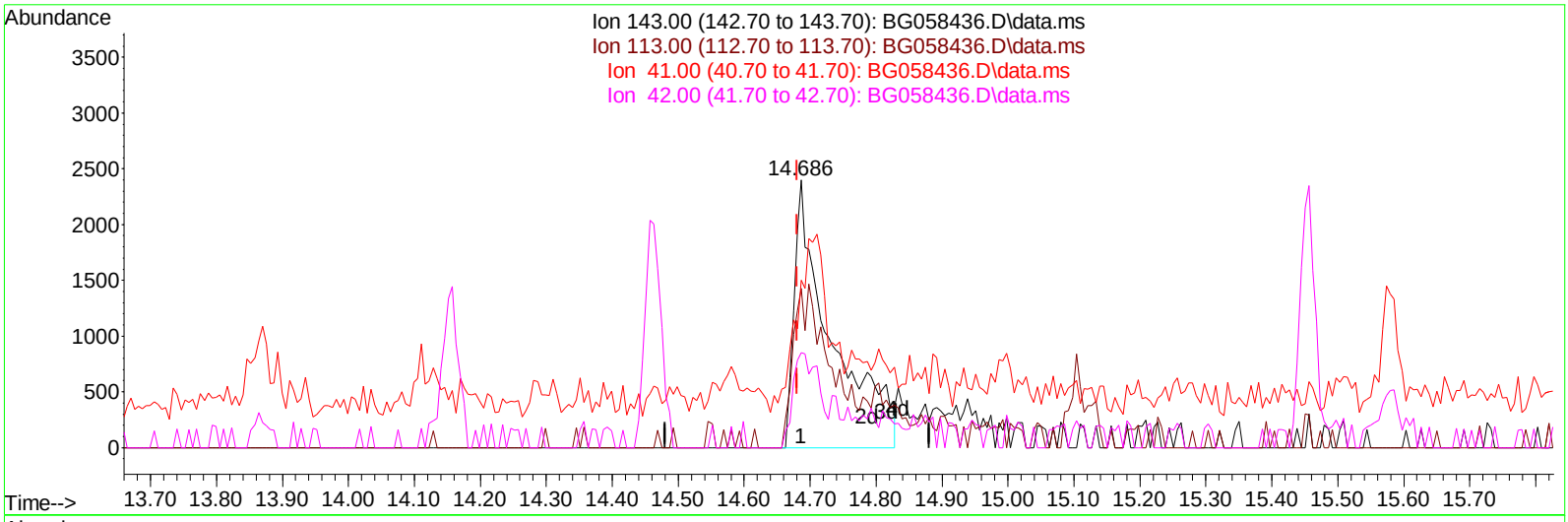

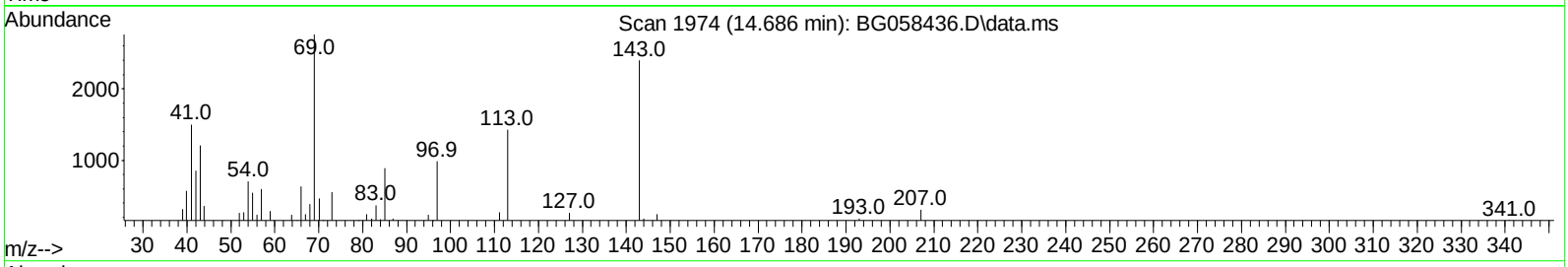

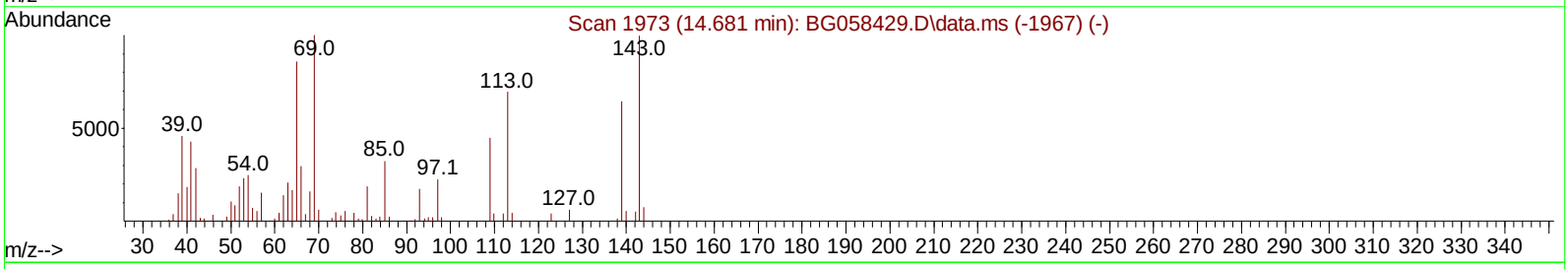

TIC: BG058436.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.686min (+ 0.006) 6.56 ng/ul m

response 9328

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	67.80	59.42
41.00	46.40	62.55#
42.00	30.60	35.61

Quantitation Report (QT 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	7.818	152	40140	20.000	ng/ul	0.00
20) Naphthalene-d8	10.615	136	168971	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	122136	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	315444	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	297654	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	347347	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	1985	1.820	ng/uL	0.00
4) Pyridine-d5	3.652	84	33617	10.385	ng/ul	0.00
7) Phenol-d5	6.990	99	38221	10.038	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	38411	16.139	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	32451	12.175	ng/ul	0.00
15) 4-Methylphenol-d8	8.535	113	10639	3.663	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	18846	14.880	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	22682	16.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	21180	7.991	ng/ul	0.00
31) 4-Chloroaniline-d4	10.762	131	6181m	1.609	ng/ul	0.00
46) Dimethylphthalate-d6	13.870	166	157189	16.690	ng/ul	0.00
49) Acenaphthylene-d8	14.158	160	169810	17.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	9328m	6.558	ng/ul	0.00
60) Fluorene-d10	15.456	176	139688	17.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	17961	11.176	ng/ul	0.00
73) Anthracene-d10	17.307	188	146641	10.759	ng/ul	0.00
81) Pyrene-d10	19.598	212	274981	15.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	162368	9.671	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.248	178	28258	1.885	ng/ul	99
80) Fluoranthene	19.263	202	87612	4.350	ng/ul	98
82) Pyrene	19.628	202	64928	3.182	ng/ul	99
85) Benzo(a)anthracene	21.426	228	43846	2.192	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	28728	2.513	ng/ul#	99
87) Chrysene	21.490	228	48523	2.557	ng/ul	98
90) Benzo(b)fluoranthene	23.541	252	65439	3.256	ng/ul#	98

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

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