Quantitation Report (Qedit)

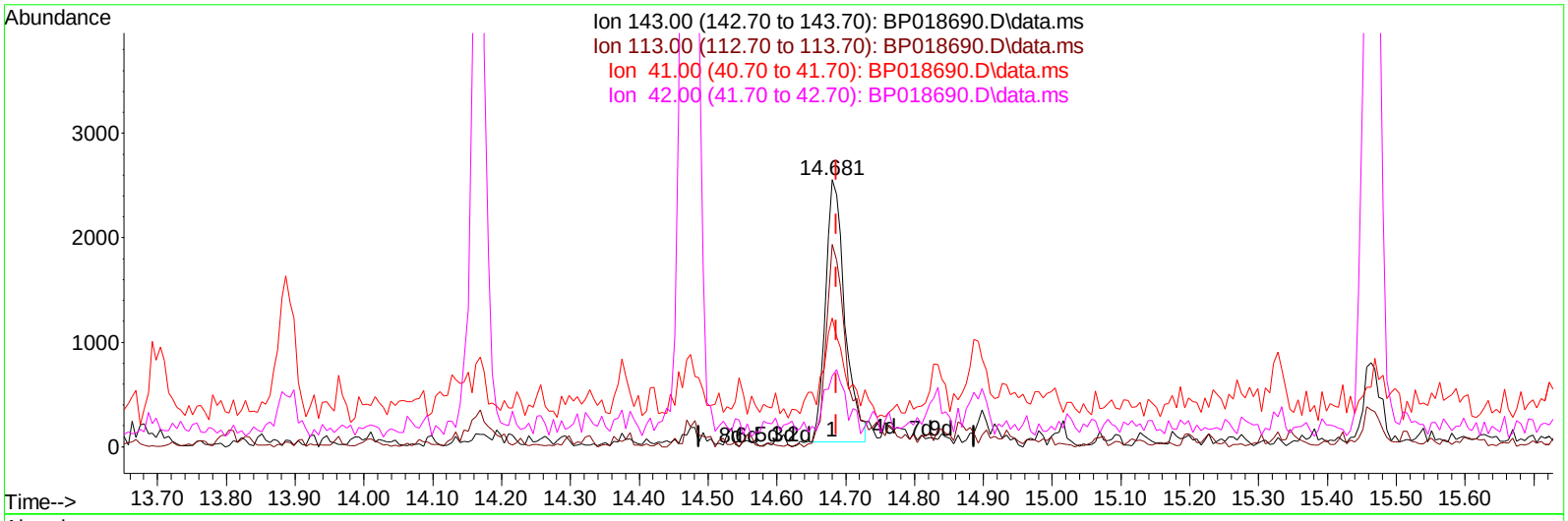
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018690.D
Acq On : 08 Dec 2023 00:49
Operator : MA/JU
Sample : 05459-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

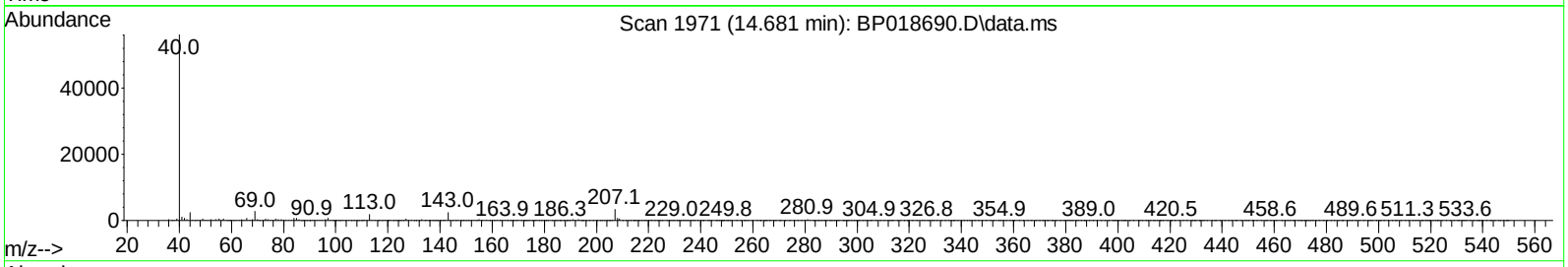
Quant Time: Dec 08 01:17:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

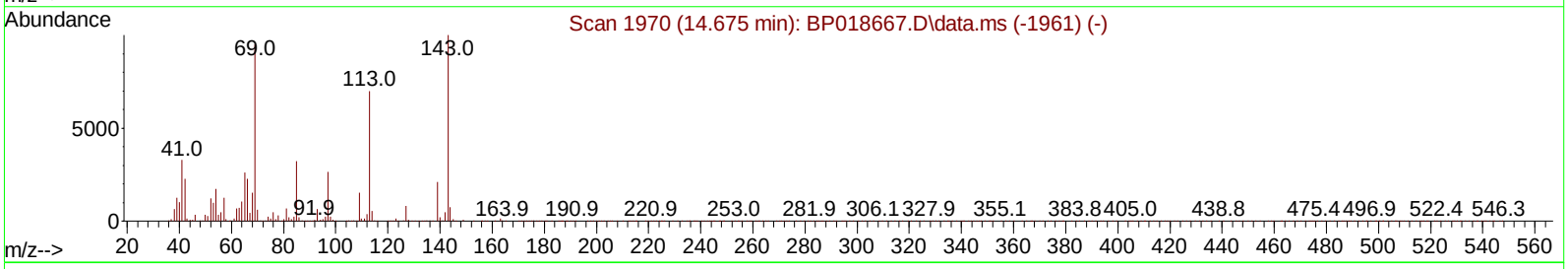
Instrument :
BNA_P
ClientSampleId :
C0AA9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018690.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.681min (-0.006) 0.44 ng/ul

response 4849

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	70.80	75.92
41.00	34.60	48.32#
42.00	23.00	26.59

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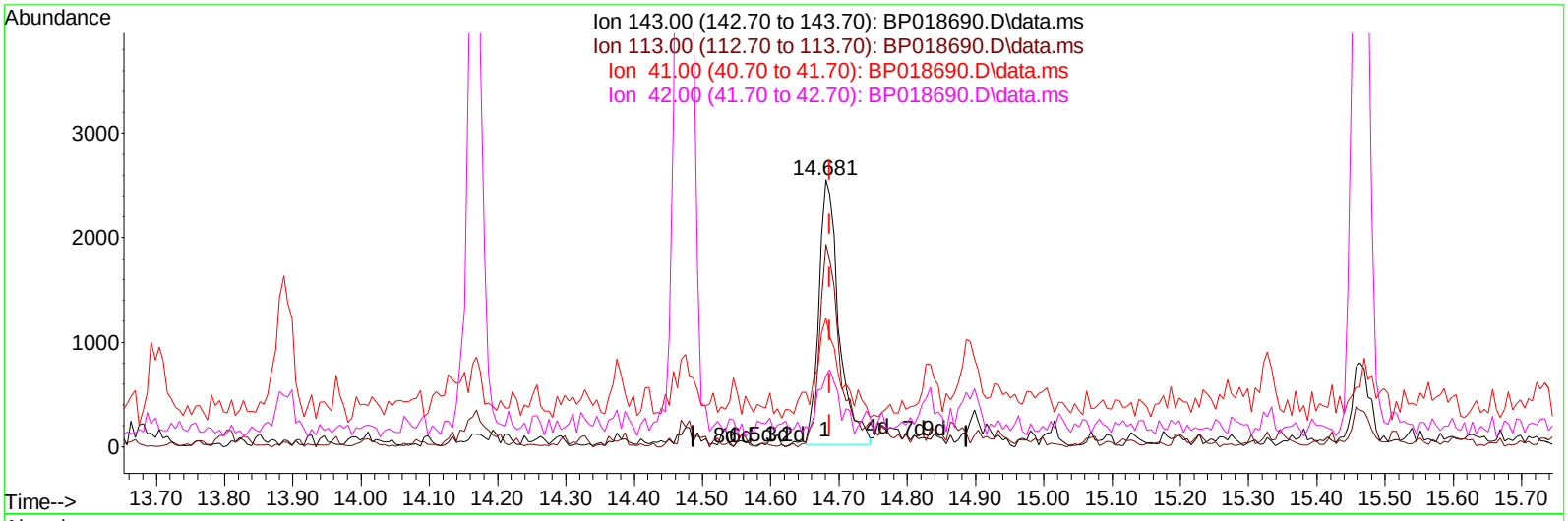

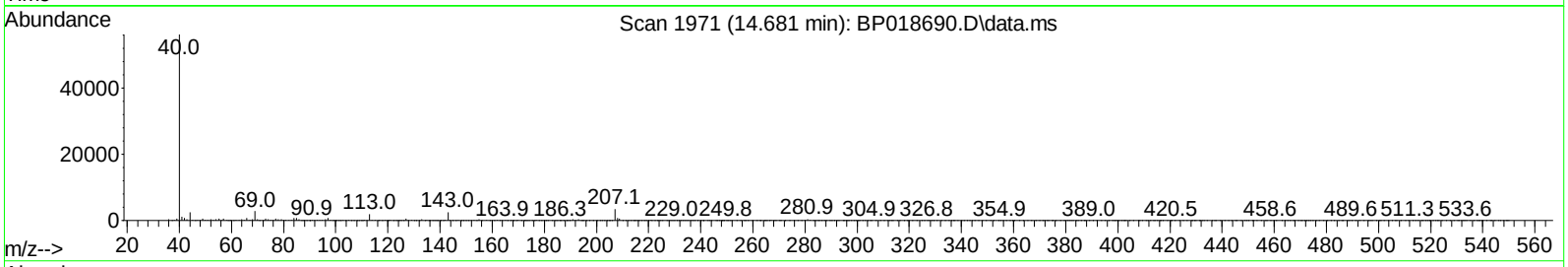

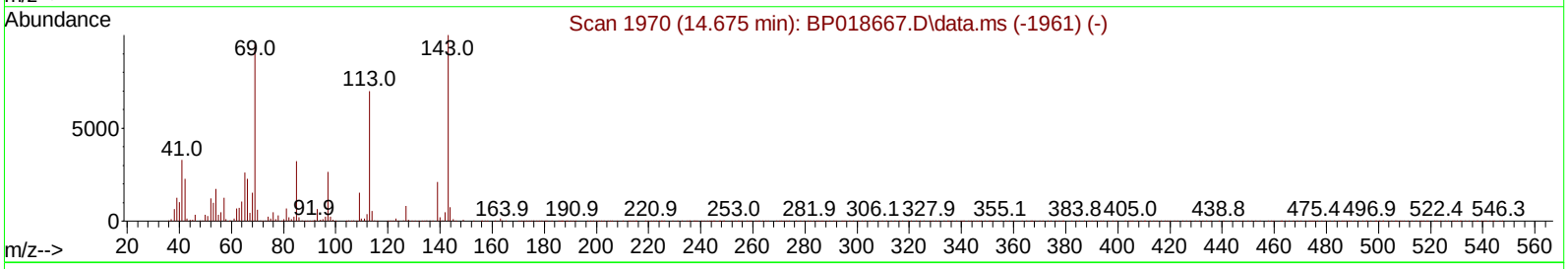

TIC: BP018690.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.681min (-0.006) 0.47 ng/ul m

response 5105

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	70.80	75.92
41.00	34.60	48.32#
42.00	23.00	26.59

Quantitation Report (Qedit)

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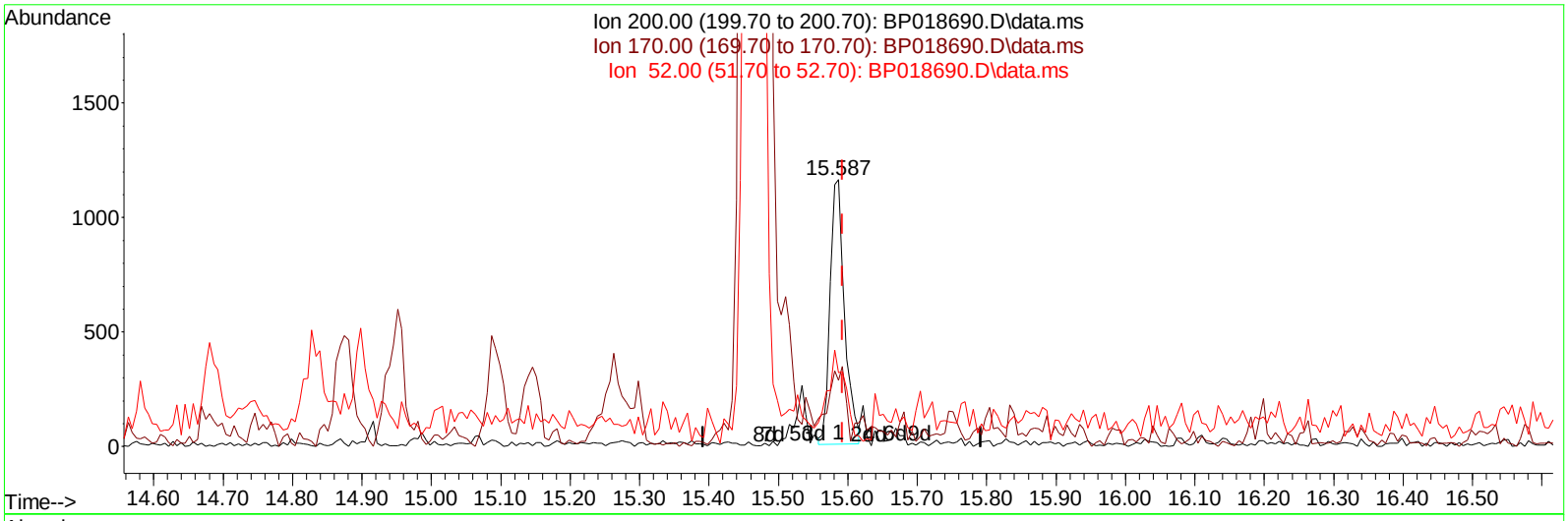

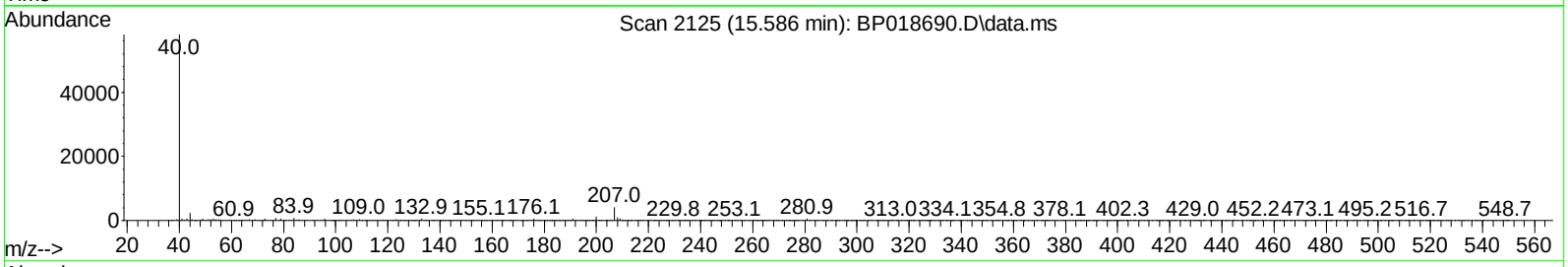

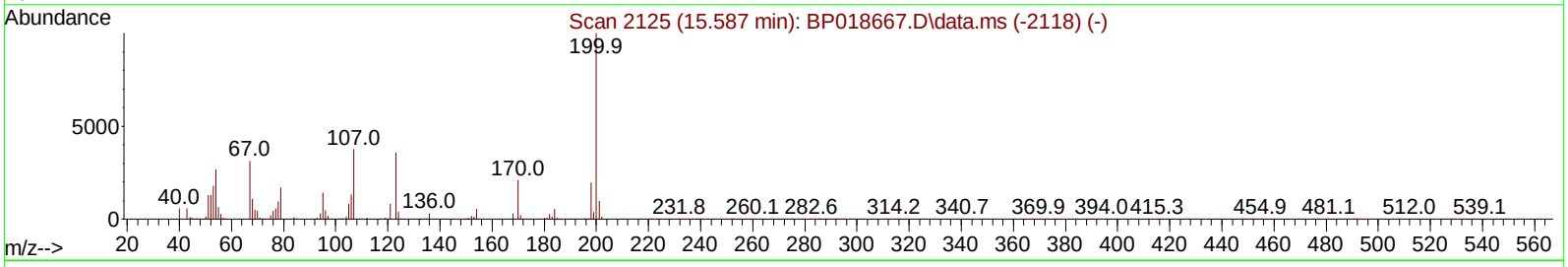

TIC: BP018690.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.586min (-0.006) 0.16 ng/ul

response 1705

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.50	24.98
52.00	36.60	27.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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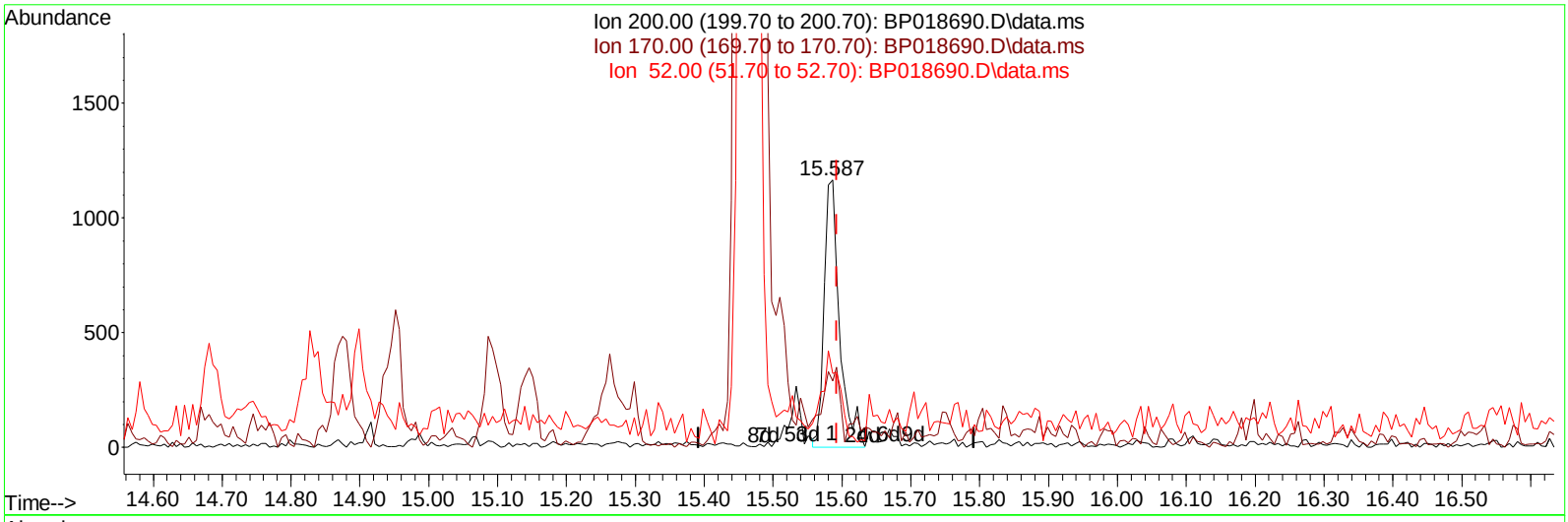

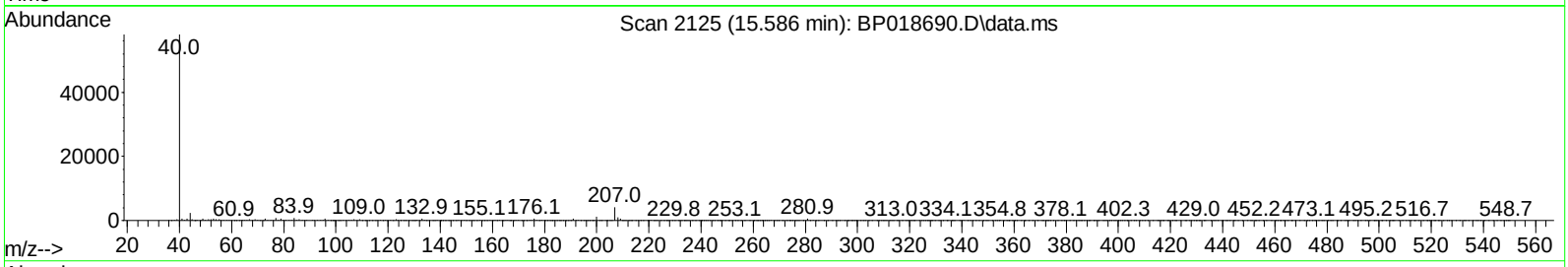

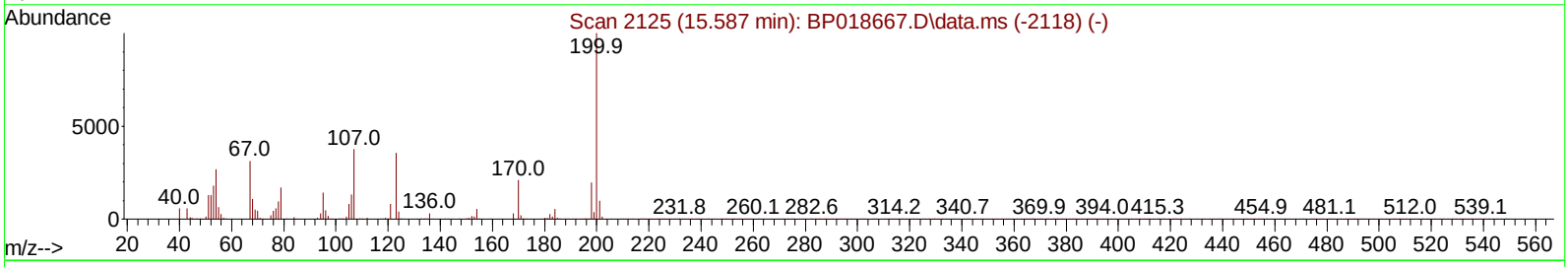

TIC: BP018690.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.586min (-0.006) 0.17 ng/ul m

response 1822

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.50	24.98
52.00	36.60	27.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 08 Dec 2023 00:49
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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	7.846	152	312822	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	1193554	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	745625	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1757311	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1998300	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	2353090	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	18954	2.065	ng/uL	0.00
4) Pyridine-d5	3.693	84	43437	1.767	ng/ul	0.00
7) Phenol-d5	7.010	99	273764	8.721	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	188073	10.108	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	225117	9.190	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	112479	4.427	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	99000	9.319	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	101952	9.257	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	188279	8.360	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	195186	6.632	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	696885	10.472	ng/ul	-0.02
49) Acenaphthylene-d8	14.169	160	773207	10.552	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.681	143	5105m	0.467	ng/ul	0.00
60) Fluorene-d10	15.463	176	636989	11.403	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	1822m	0.173	ng/ul	0.00
73) Anthracene-d10	17.322	188	986293	10.676	ng/ul	0.00
81) Pyrene-d10	19.557	212	1344501	8.643	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1555258	11.336	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.669	105	126434	3.339	ng/ul	97
72) Phenanthrene	17.263	178	208287	1.962	ng/ul	99
80) Fluoranthene	19.233	202	501774	2.729	ng/ul	99
82) Pyrene	19.586	202	379717	2.047	ng/ul	97
85) Benzo(a)anthracene	21.292	228	236743	1.460	ng/ul	97
87) Chrysene	21.345	228	210344	1.408	ng/ul	98
90) Benzo(b)fluoranthene	22.951	252	285710	1.647	ng/ul	98
93) Benzo(a)pyrene	23.574	252	180995	1.142	ng/ul	99

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

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