

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
Data File : BM048246.D
Acq On : 26 Oct 2024 13:52
Operator : RC/JU
Sample : SSTD16053
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

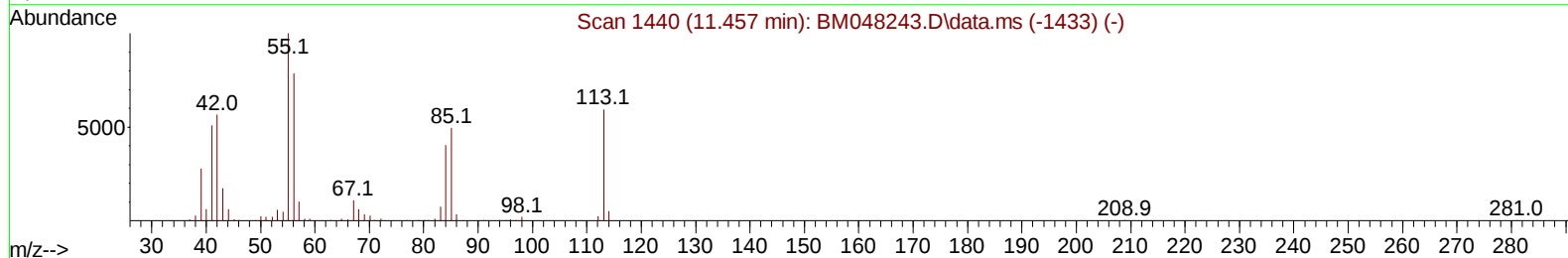
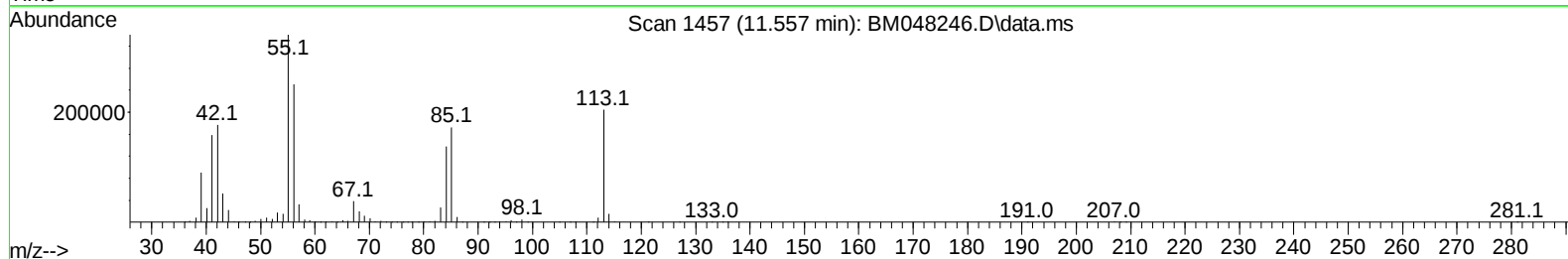
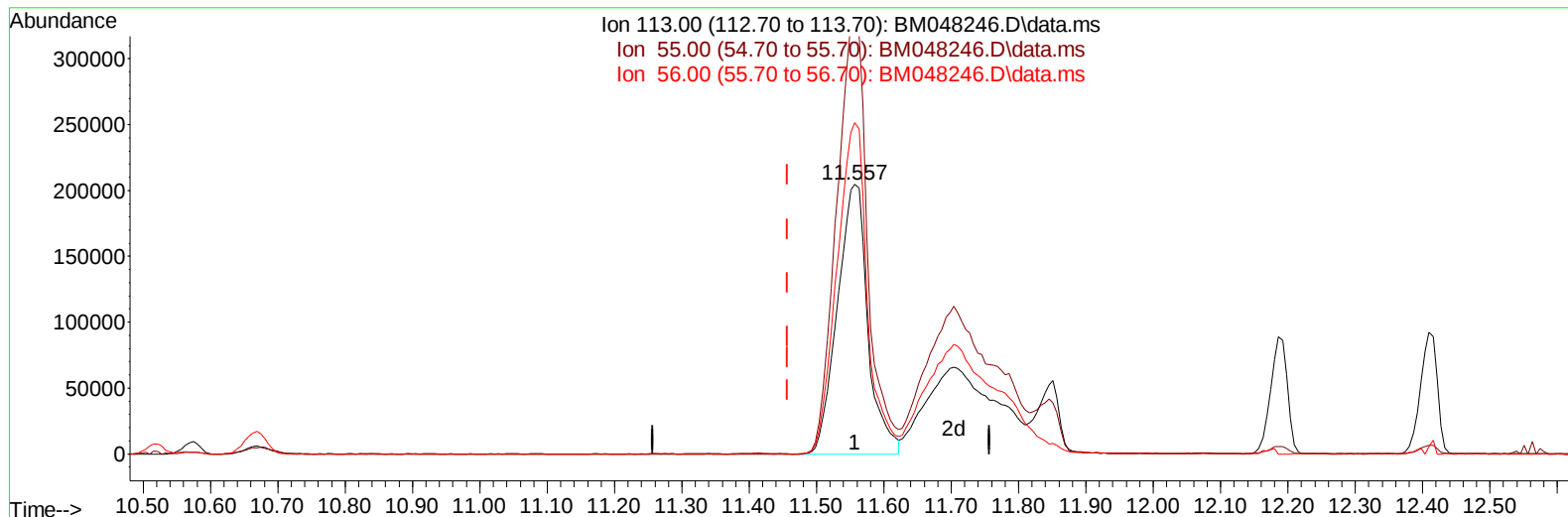
SSTD160039

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 27 23:27:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:07:41 2024
Response via : Initial Calibration



TIC: BM048246.D\data.ms

(34) Caprolactam

11.557min (+ 0.100) 96.67 ng/ul

response 642152

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	166.74
56.00	132.30	122.93
0.00	0.00	0.00

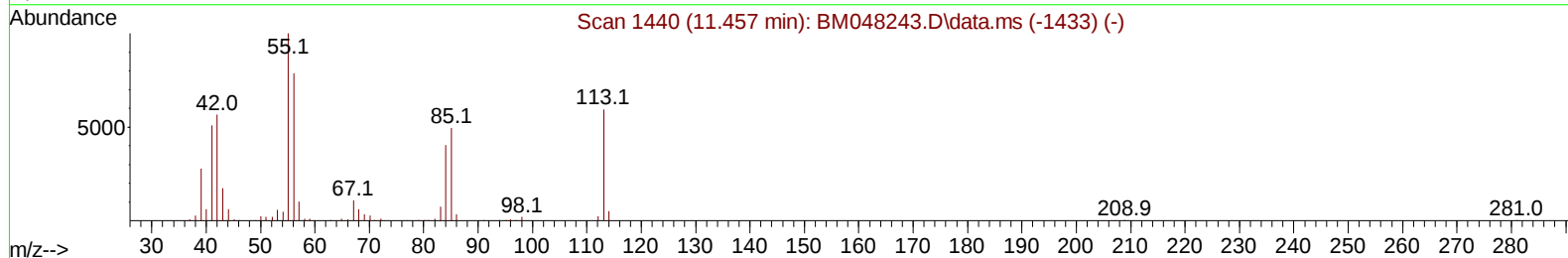
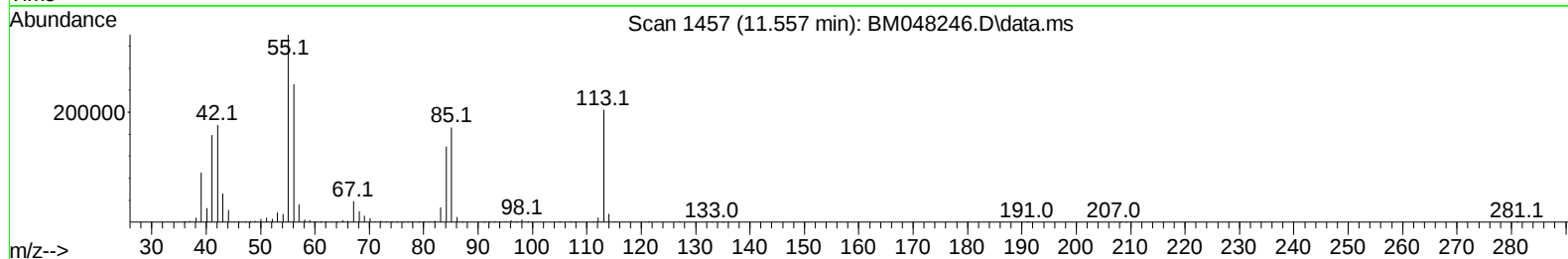
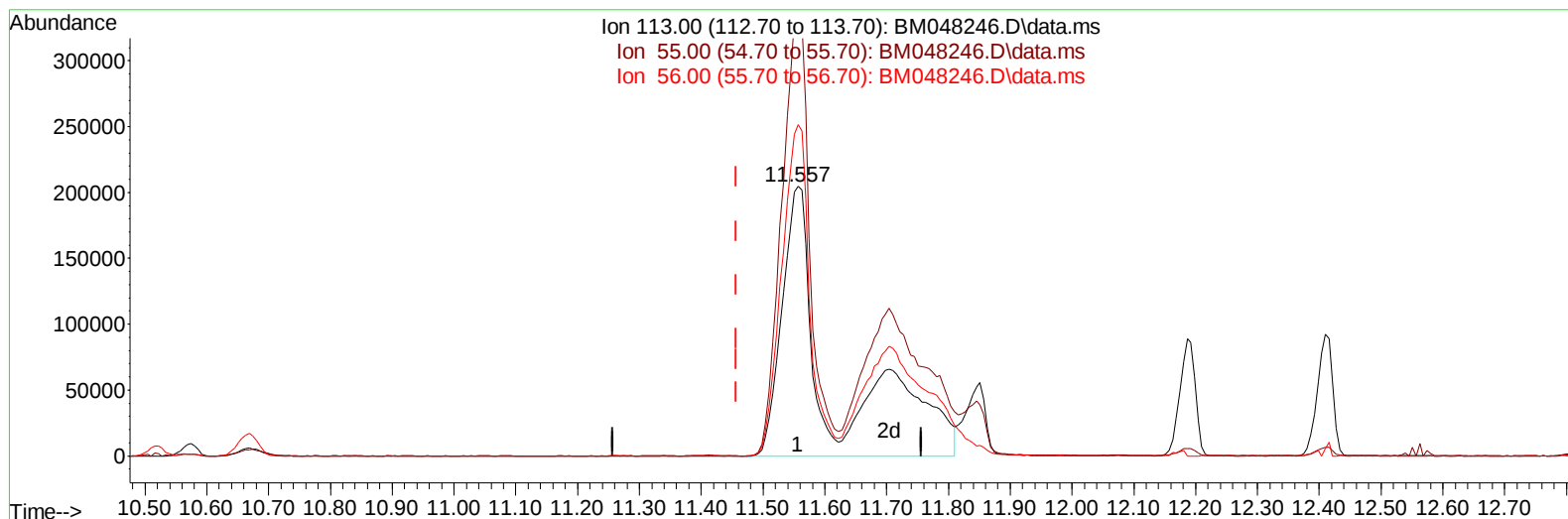
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(34) Caprolactam

11.557min (+ 0.100) 167.84 ng/u1 m

response 1114883

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	166.74
56.00	132.30	122.93
0.00	0.00	0.00

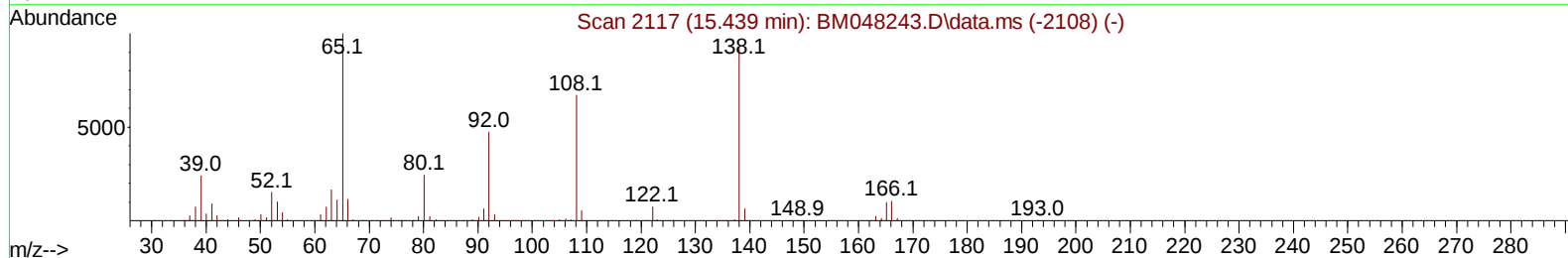
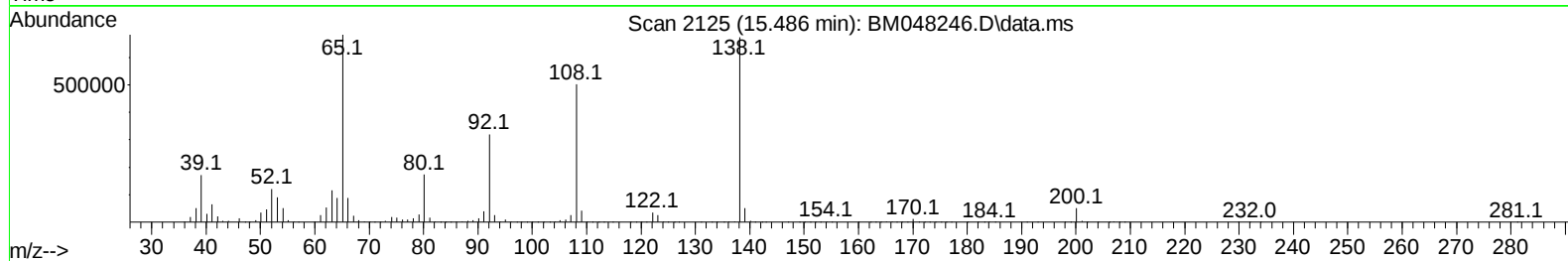
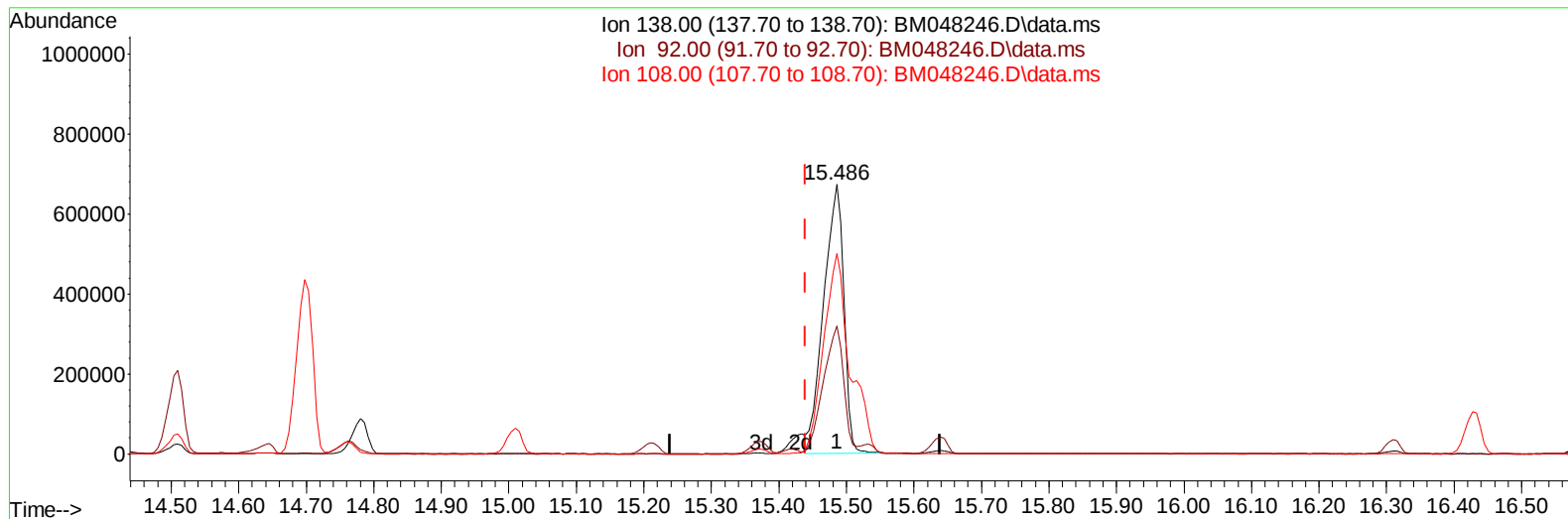
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TIC: BM048246.D\data.ms

(63) 4-Nitroaniline

15.486min (+ 0.047) 135.05 ng/ul

response 1401107

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	47.49
108.00	72.30	74.37
0.00	0.00	0.00

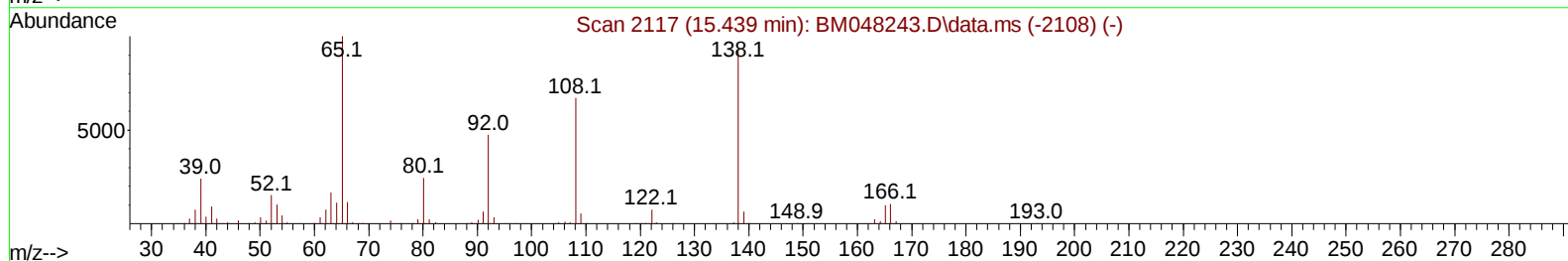
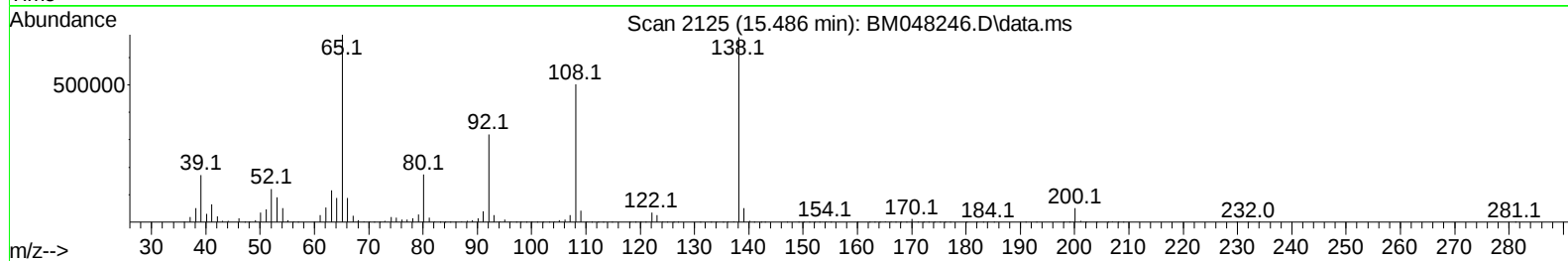
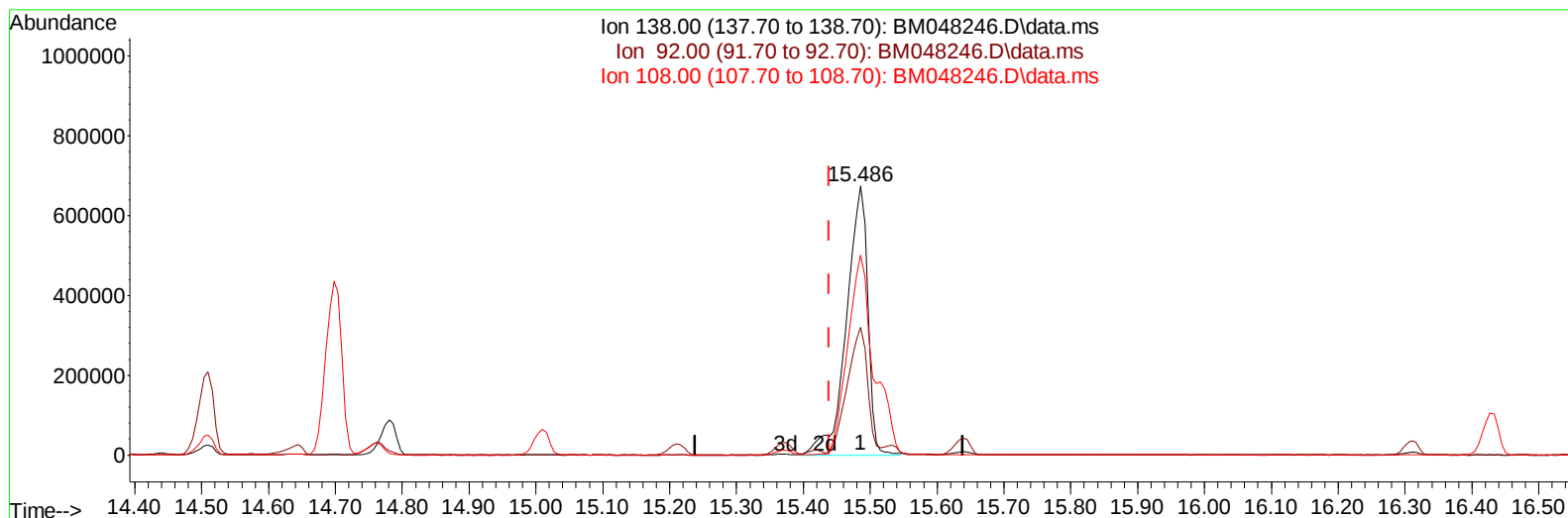
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TIC: BM048246.D\data.ms

(63) 4-Nitroaniline

15.486min (+ 0.047) 143.70 ng/ul m

response 1490826

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	47.49
108.00	72.30	74.37
0.00	0.00	0.00

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Quant Time: Oct 27 23:35:14 2024
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 QLast Update : Sun Oct 27 23:07:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	316270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1303577	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.374	164	791756	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.115	188	1536256	20.000	ng/ul	0.00
79) Chrysene-d12	21.344	240	991964	20.000	ng/ul	0.01
88) Perylene-d12	24.291	264	1086534	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.587	84	3576418	159.585	ng/ul	0.00
7) Phenol-d5	6.922	99	4410169	172.147	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	2551984	167.699	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.463	113	3427358	171.890	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.669	131	4168933	148.569	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.627	143	1685816	158.607	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.515	200	1590258	160.041	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
5) Pyridine	3.604	79	3631738	158.598	ng/ul	96
6) Benzaldehyde	6.869	77	1382591	116.620	ng/ul	94
8) Phenol	6.951	94	4470532	169.648	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.163	93	3477862	164.441	ng/ul	97
13) 2-Methylphenol	8.187	108	3312243	166.161	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.251	45	4905525	164.311	ng/ul	99
16) Acetophenone	8.569	105	4719594	154.350	ng/ul	99
18) 4-Methylphenol	8.545	108	3521452	164.197	ng/ul	95
32) 4-Chloroaniline	10.698	127	3944220	145.762	ng/ul	99
34) Caprolactam	11.557	113	1114883m	167.842	ng/ul	
40) Hexachlorocyclopentadiene	12.539	237	2260722	156.607	ng/ul	99
51) 3-Nitroaniline	14.304	138	1887761	157.590	ng/ul	97
53) 2,4-Dinitrophenol	14.510	184	1403435	185.218	ng/ul	93
55) 4-Nitrophenol	14.645	109	1200956	162.403	ng/ul	94
63) 4-Nitroaniline	15.486	138	1490826m	143.699	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.533	198	1637610	153.206	ng/ul#	97
70) Atrazine	16.604	200	1772992	114.349	ng/ul	99
71) Pentachlorophenol	16.774	266	1905669	150.052	ng/ul	98
77) Carbazole	17.527	167	9838481	131.710	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.250	252	2823481	127.622	ng/ul	98
89) Di-n-octyl phthalate	22.362	149	12792849	163.175	ng/ul	100

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)

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

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