Quantitation Report (Qedit)

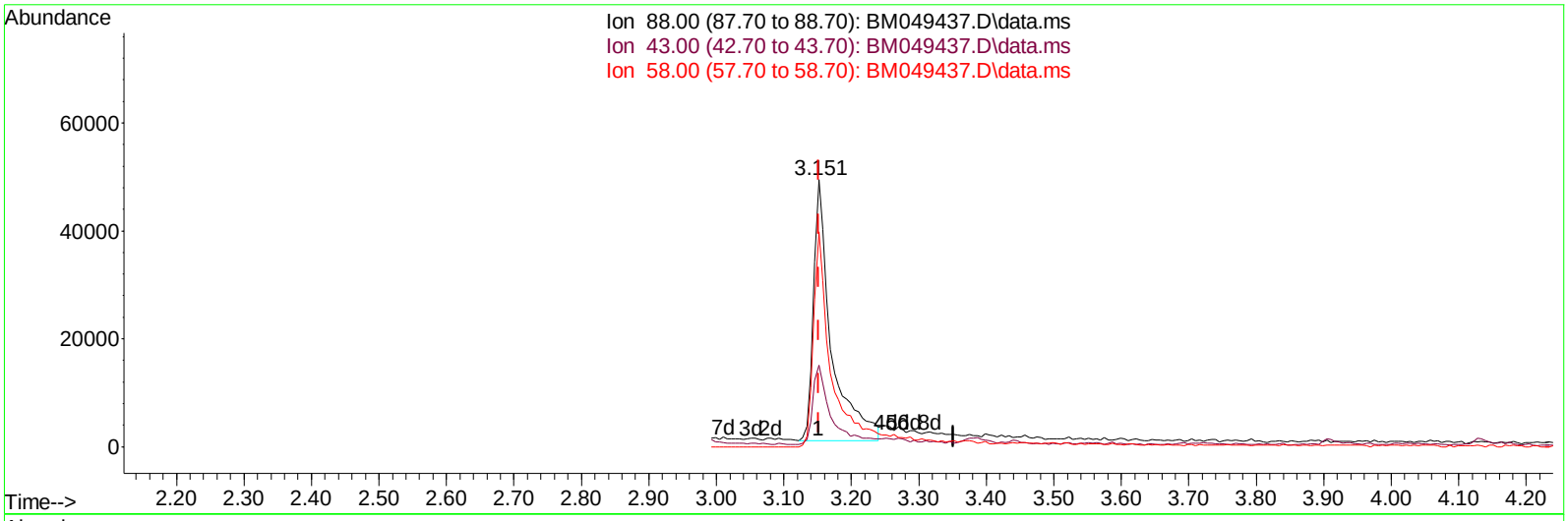
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049437.D
Acq On : 24 Jan 2025 15:56
Operator : RC/JU
Sample : Q1086-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

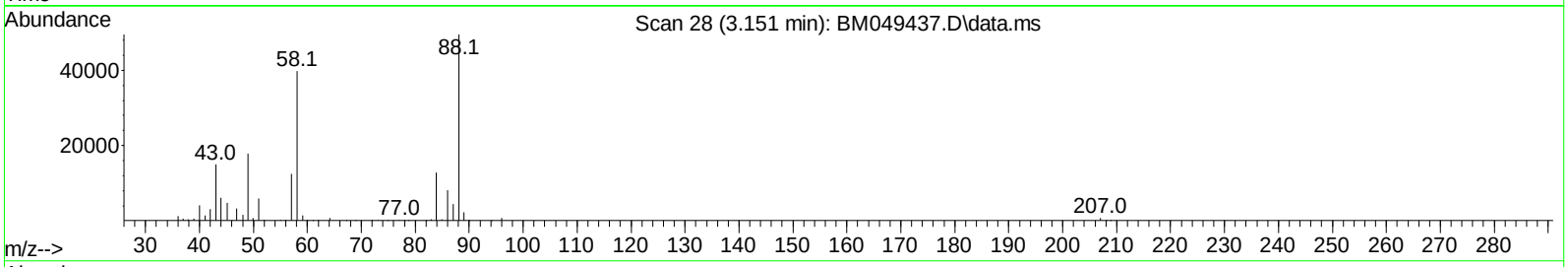
Quant Time: Jan 24 22:58:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

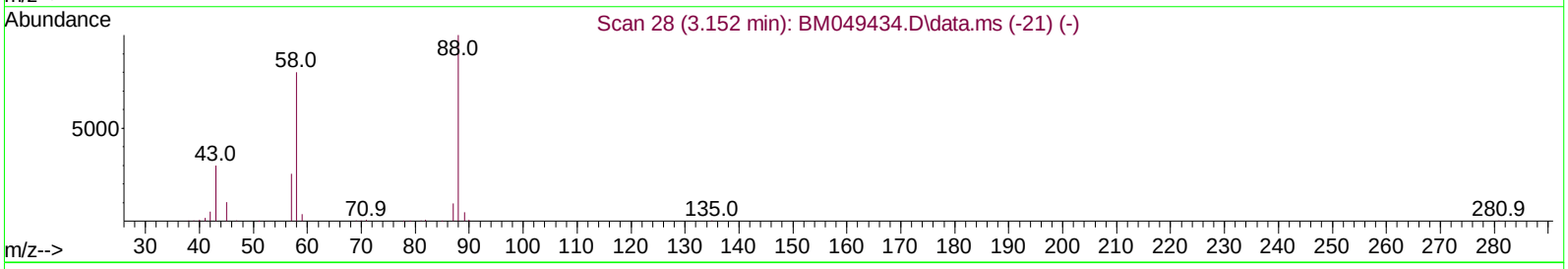
Instrument :
BNA_M
ClientSampleId :
C0AE3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025







TIC: BM049437.D\data.ms

(2) 1,4-Dioxane

3.151min (-0.000) 15.96 ng/uL

response 89144

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.40	30.50
58.00	76.60	80.46
0.00	0.00	0.00

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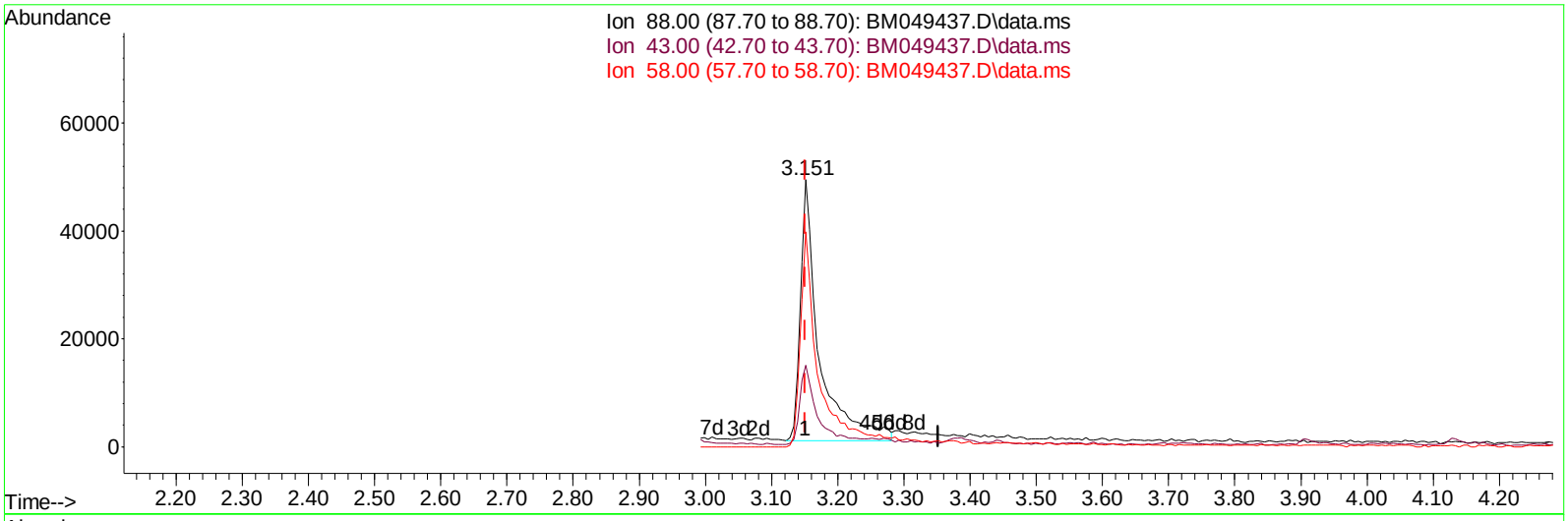

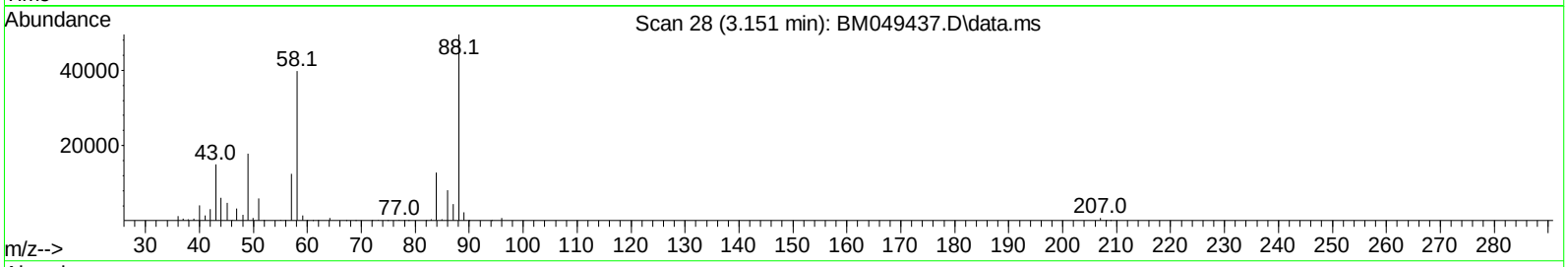

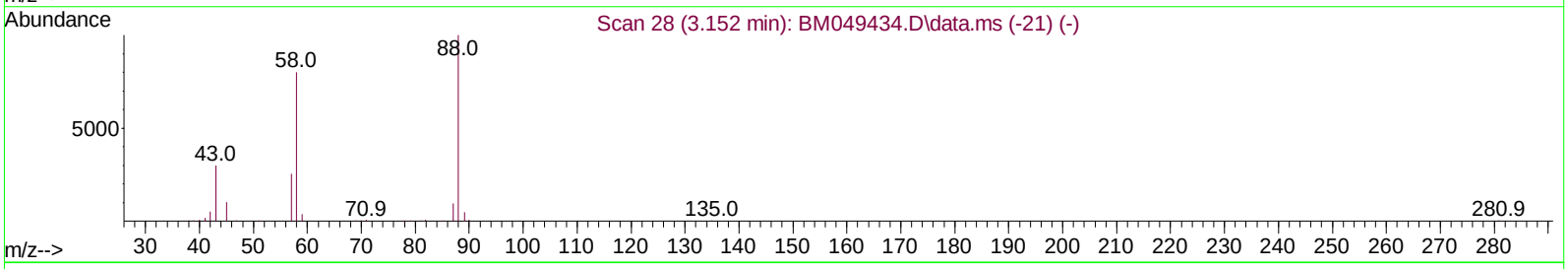

TIC: BM049437.D\data.ms

(2) 1,4-Dioxane

3.151min (-0.000) 17.05 ng/uL m

response 95244

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.40	30.50
58.00	76.60	80.46
0.00	0.00	0.00

Quantitation Report (Qedit)

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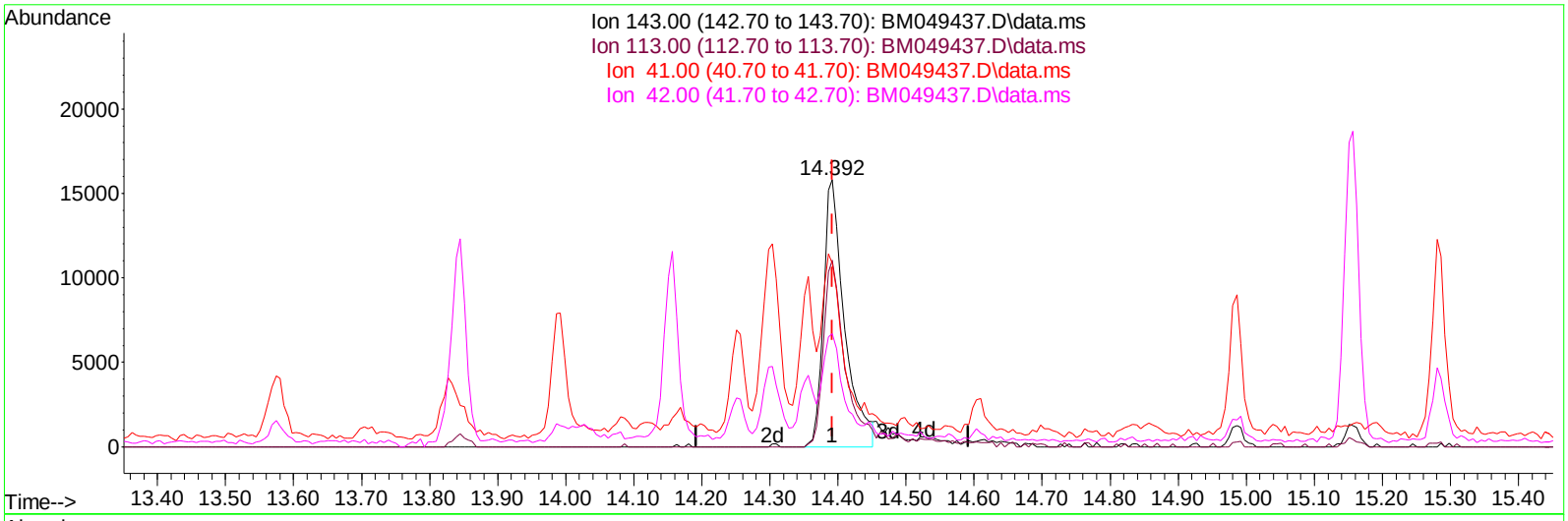

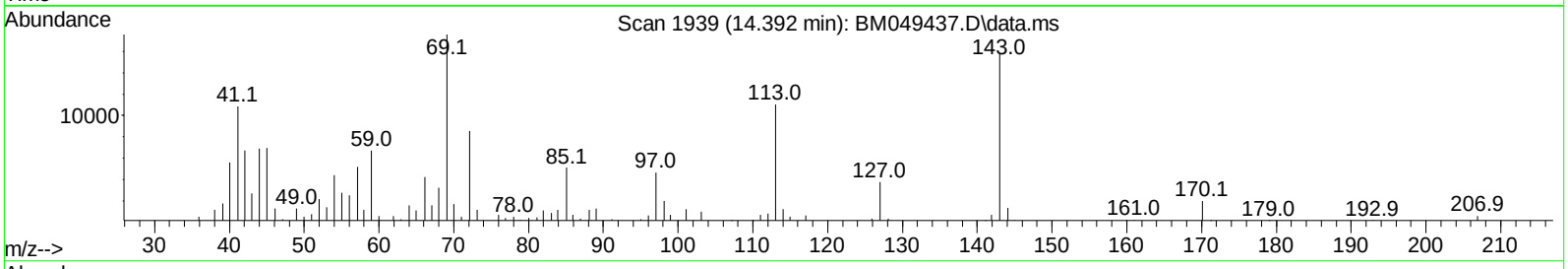

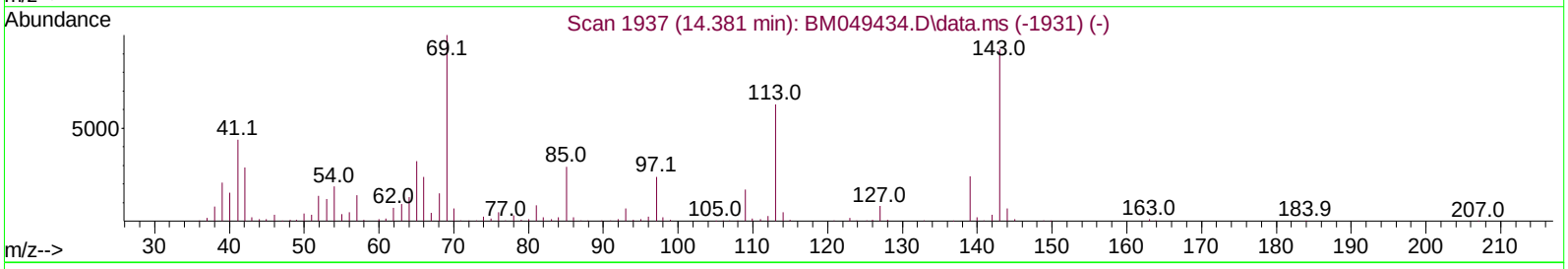

TIC: BM049437.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.392min (-0.000) 5.13 ng/ul

response 33957

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.30	69.95
41.00	40.60	68.72#
42.00	26.30	42.38#

Quantitation Report (Qedit)

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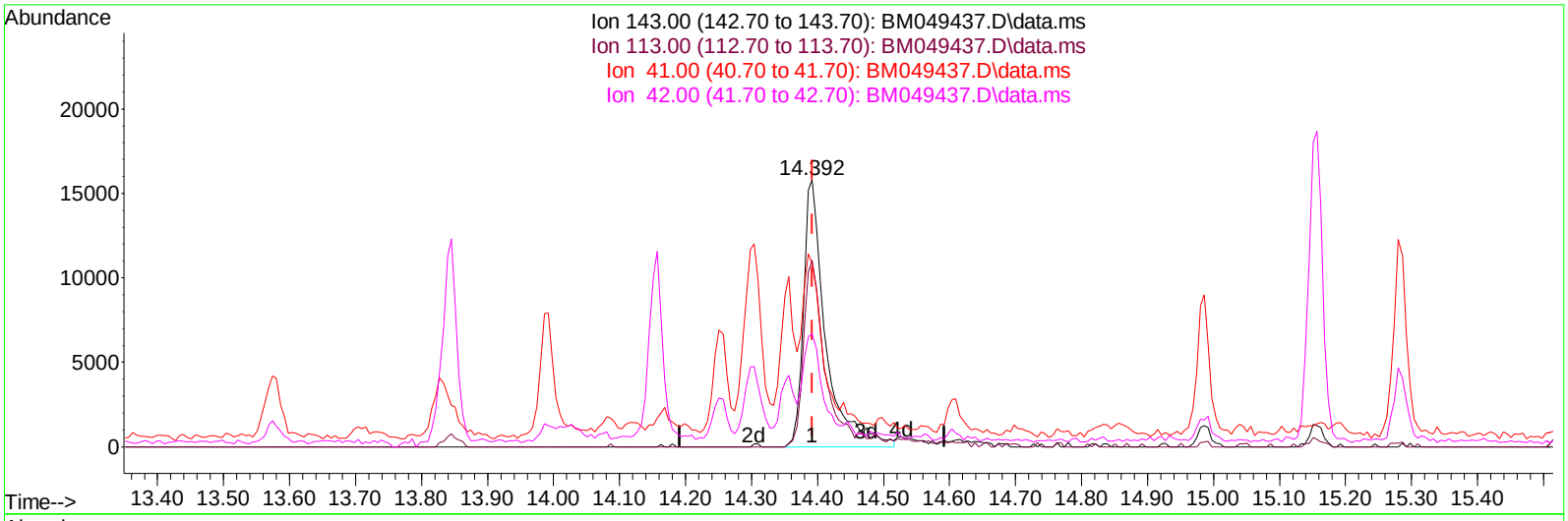

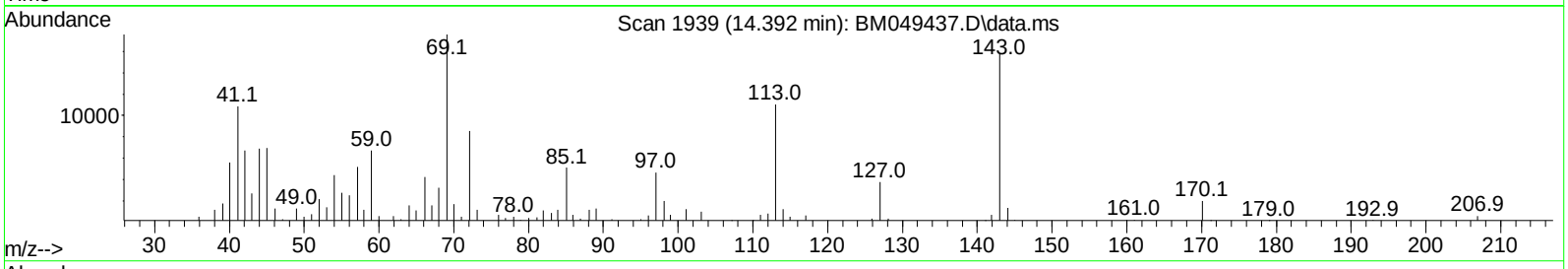

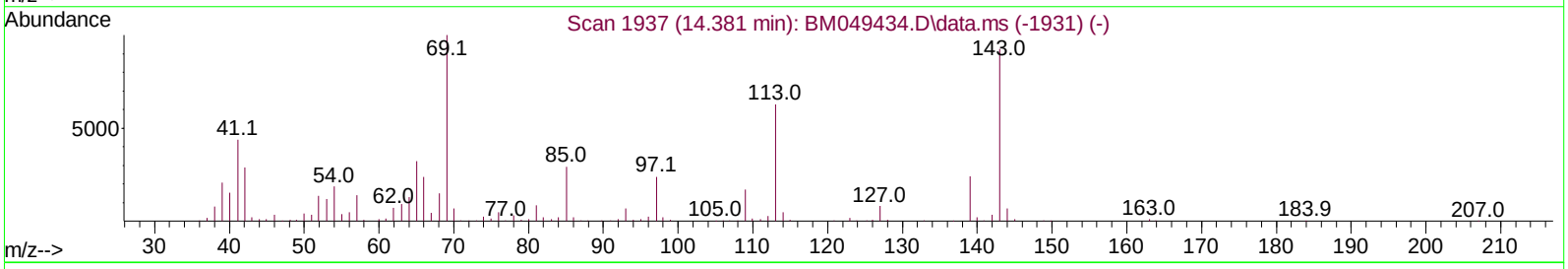

TIC: BM049437.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.392min (-0.000) 5.57 ng/ul m

response 36896

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.30	69.95
41.00	40.60	68.72#
42.00	26.30	42.38#

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	7.516	152	210973	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	797348	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	537127	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1114332	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1081555	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	974897	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32795	6.432	ng/uL	0.00
4) Pyridine-d5	3.516	84	79444	4.894	ng/ul	0.00
7) Phenol-d5	6.710	99	134639	7.602	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	367618	31.174	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.057	132	354308	26.152	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	235595	17.155	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	189974	31.244	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.375	143	205228	30.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	418768	30.192	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	223172	12.228	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1321982	33.068	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1522433	33.359	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	36896m	5.573	ng/ul	0.00
60) Fluorene-d10	15.157	176	1214052	35.153	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	181352	25.536	ng/ul	0.00
73) Anthracene-d10	17.009	188	1889214	34.296	ng/ul	0.00
81) Pyrene-d10	19.315	212	2259713	34.330	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1677845	32.060	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	95244m	17.050	ng/uL	

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

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