Quantitation Report (Qedit)

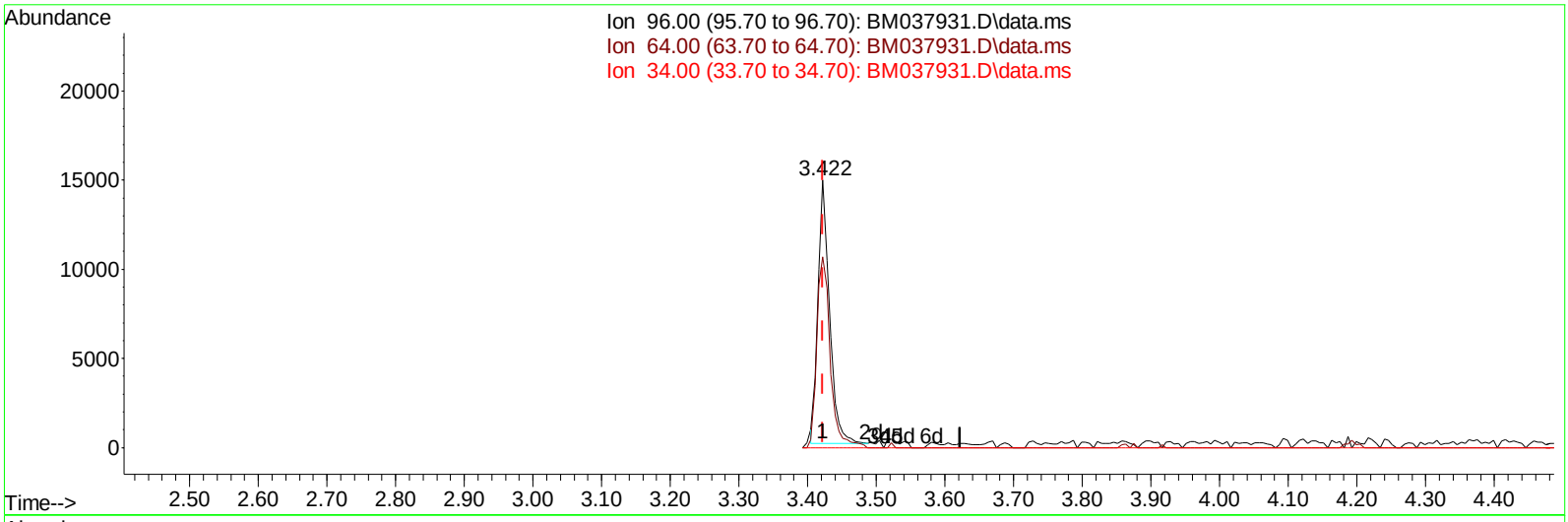
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037931.D
Acq On : 10 Dec 2022 12:44
Operator : CG/JU
Sample : N5832-17ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

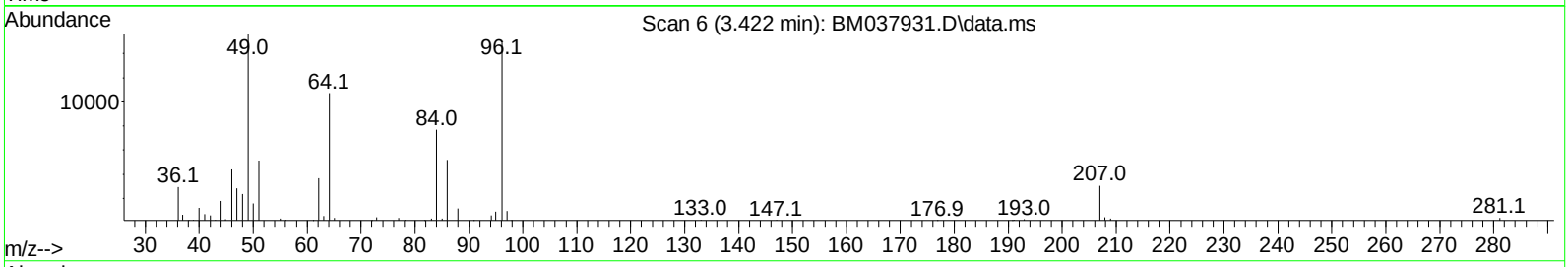
Quant Time: Dec 11 21:26:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

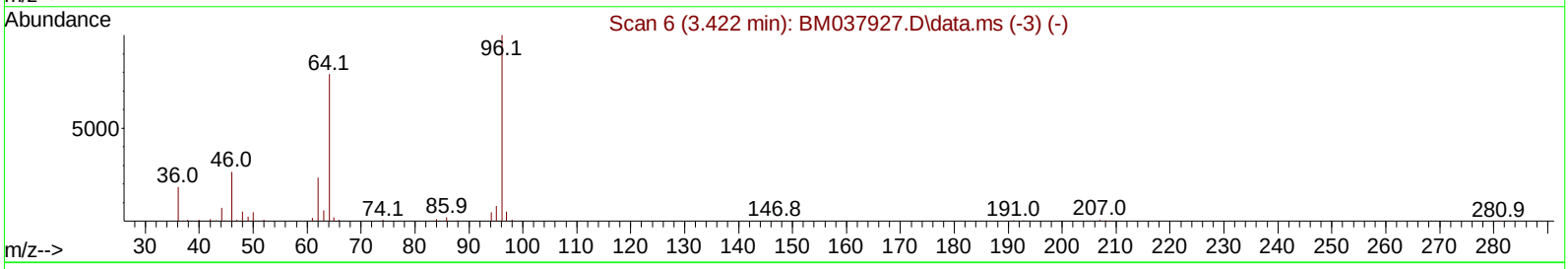
Instrument :
BNA_M
ClientSampleId :
DBXL2ME

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022







TIC: BM037931.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.422min (-0.000) 3.57 ng/uL

response 17340

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	71.37
34.00	0.00	0.00
0.00	0.00	0.00

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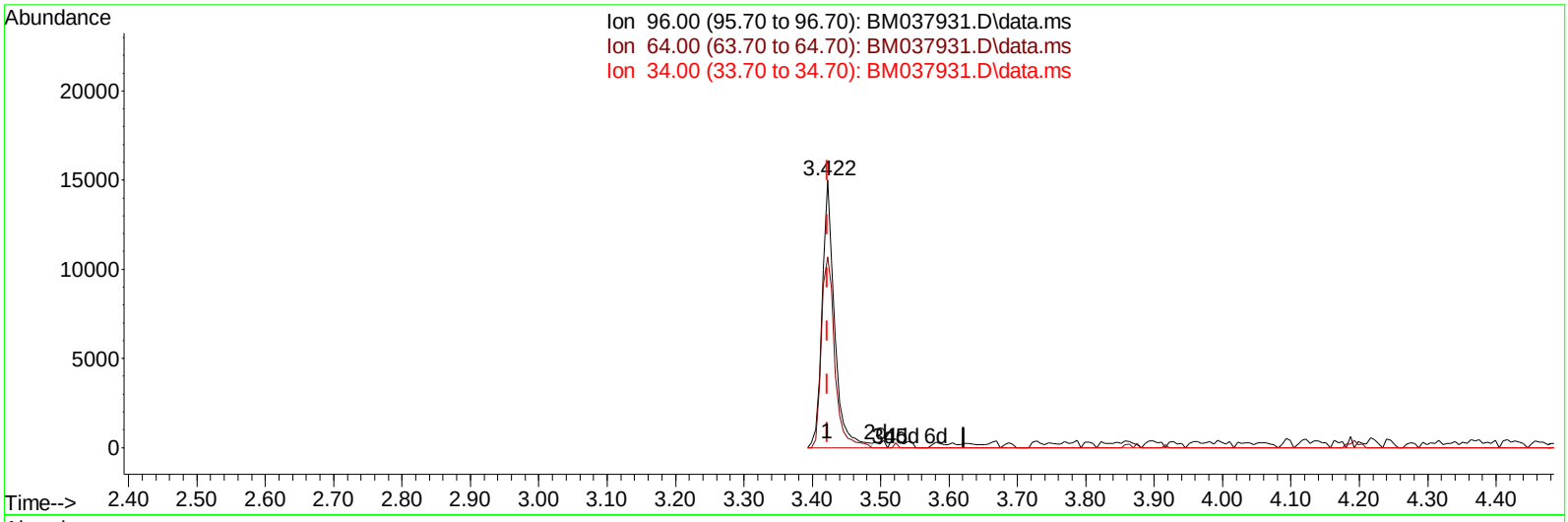

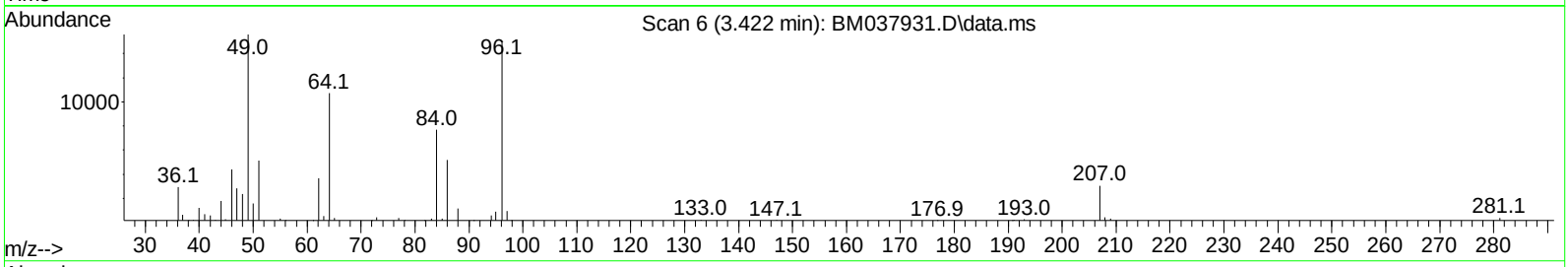

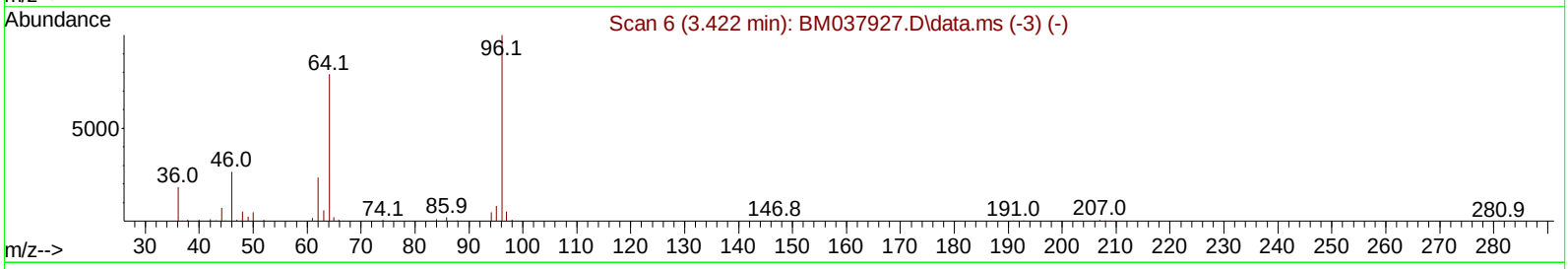

TIC: BM037931.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.422min (-0.000) 3.92 ng/uL m

response 18996

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	71.37
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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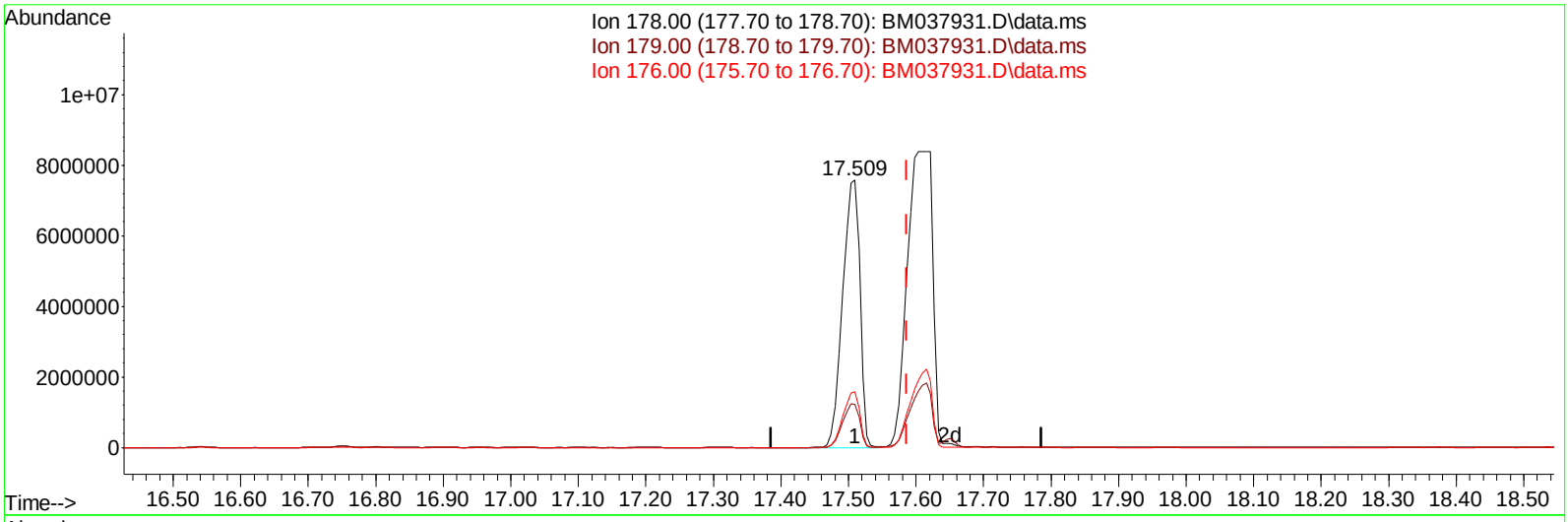

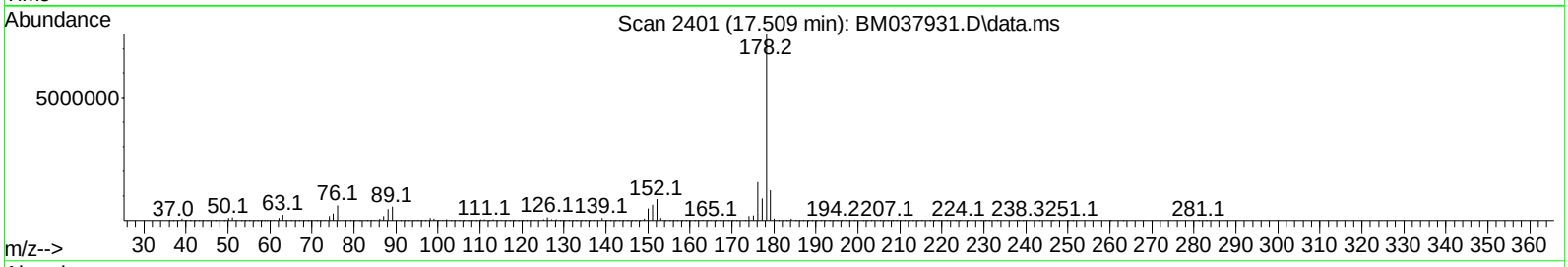

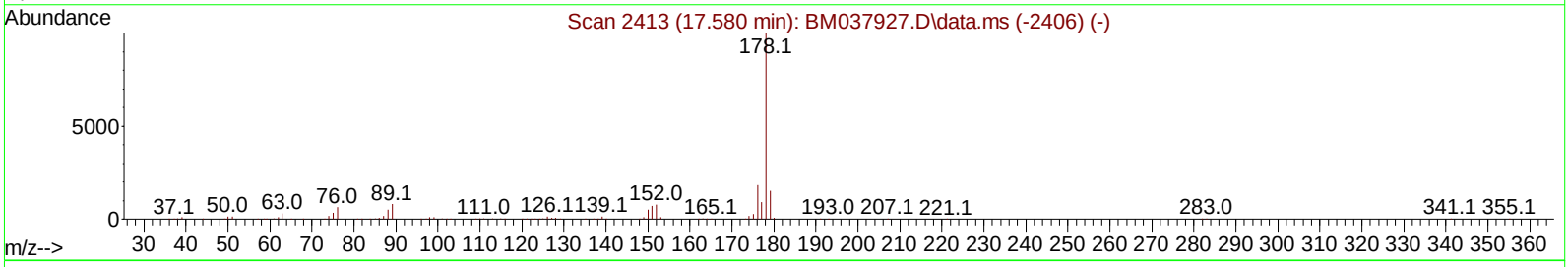

TIC: BM037931.D\data.ms

(74) Anthracene

17.509min (-0.077) 260.58 ng/ul

response 13430213

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	16.20
176.00	18.80	20.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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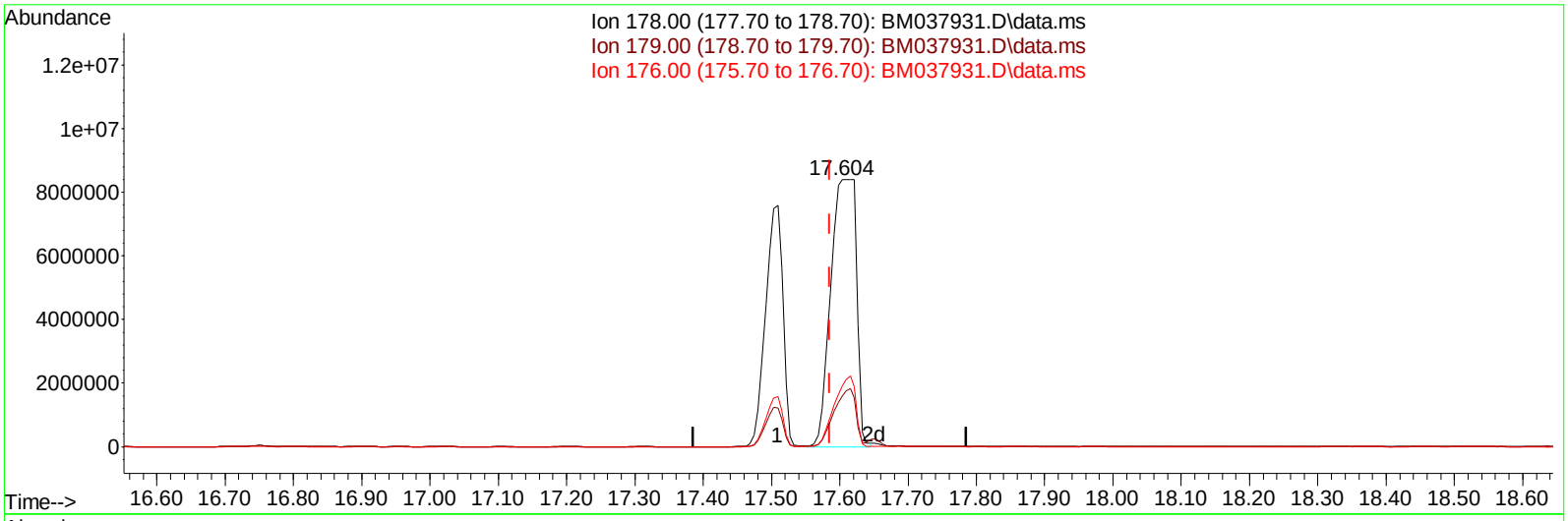

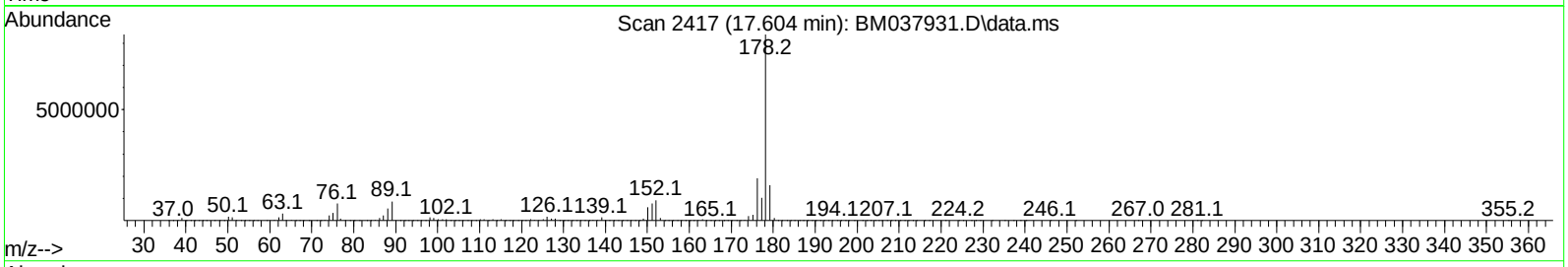

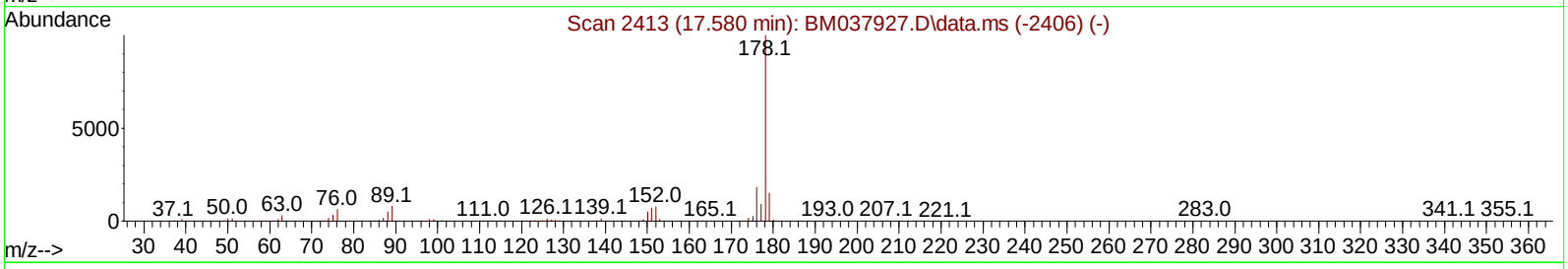

TIC: BM037931.D\data.ms

(74) Anthracene

17.604min (+ 0.018) 426.77 ng/ul m

response 21995415

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	19.03#
176.00	18.80	22.74#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	220256	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	806582	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	445398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	928685	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	893983	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1072467	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	18996m	3.916	ng/uL	0.00
4) Pyridine-d5	3.863	84	101139	7.028	ng/ul	0.00
7) Phenol-d5	7.234	99	360766	20.157	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	229134	21.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	311399	21.209	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	259697	18.588	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	150646	23.589	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	161901	24.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	280030	22.029	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	574473	32.739	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	820661	25.844	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	947801	24.422	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	107892	19.937	ng/ul	0.00
60) Fluorene-d10	15.698	176	756453	26.739	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	82514	16.619	ng/ul	0.00
73) Anthracene-d10	17.562	188	1134862	26.183	ng/ul	0.01
81) Pyrene-d10	19.833	212	1341164	24.974	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	1408821	26.300	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	668322	15.354	ng/ul	99
36) 2-Methylnaphthalene	12.545	142	480147	17.007	ng/ul	99
37) 1-Methylnaphthalene	12.763	142	286530	9.926	ng/ul	99
50) Acenaphthylene	14.433	152	244831	5.737	ng/ul#	97
52) Acenaphthene	14.774	153	2756716	93.396	ng/ul	99
61) Fluorene	15.757	166	4616034	140.459	ng/ul	100
72) Phenanthrene	17.509	178	13430213	264.815	ng/ul	97
74) Anthracene	17.604	178	21995415m	426.766	ng/ul	
80) Fluoranthene	19.515	202	12697177	200.340	ng/ul	99
82) Pyrene	19.874	202	10158421	154.008	ng/ul	99
85) Benzo(a)anthracene	21.609	228	3024620	50.254	ng/ul	98
87) Chrysene	21.662	228	3771989	66.797	ng/ul	98
90) Benzo(b)fluoranthene	23.344	252	3273565	49.235	ng/ul	99
91) Benzo(k)fluoranthene	23.391	252	971142	15.071	ng/ul	98
93) Benzo(a)pyrene	23.997	252	1414487	24.192	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.691	276	724834	9.626	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.697	278	202041	3.183	ng/ul#	95
96) Benzo(g,h,i)perylene	27.497	276	469606	7.811	ng/ul	98

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

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