Quantitation Report (Qedit)

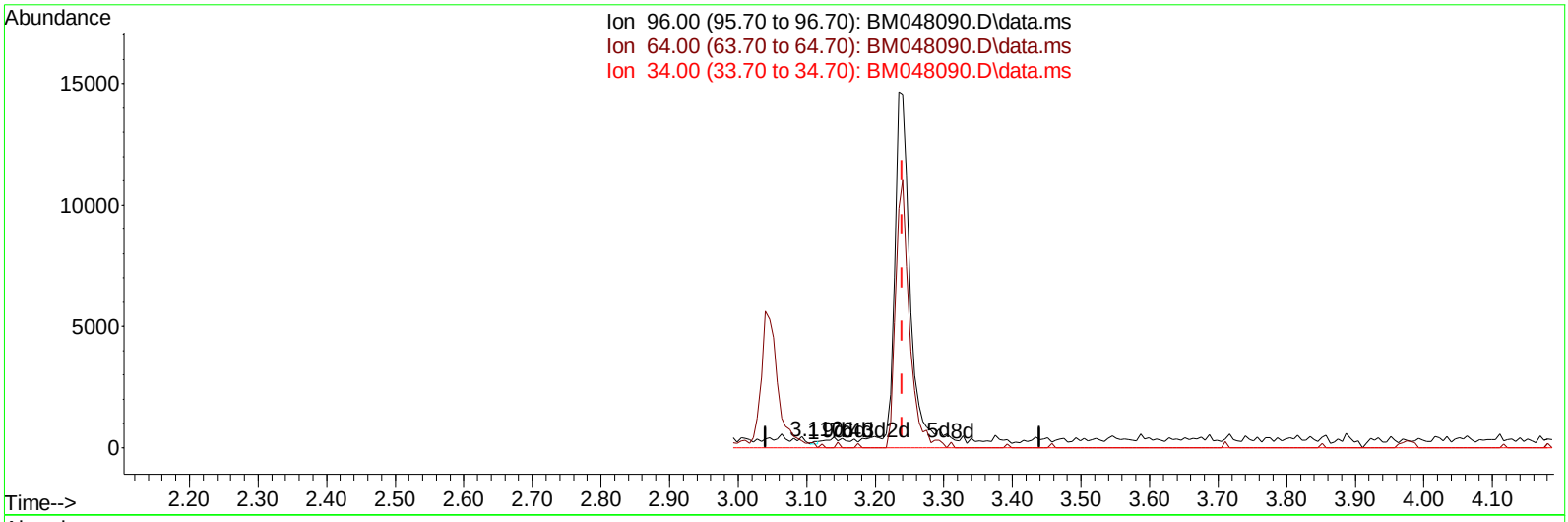
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

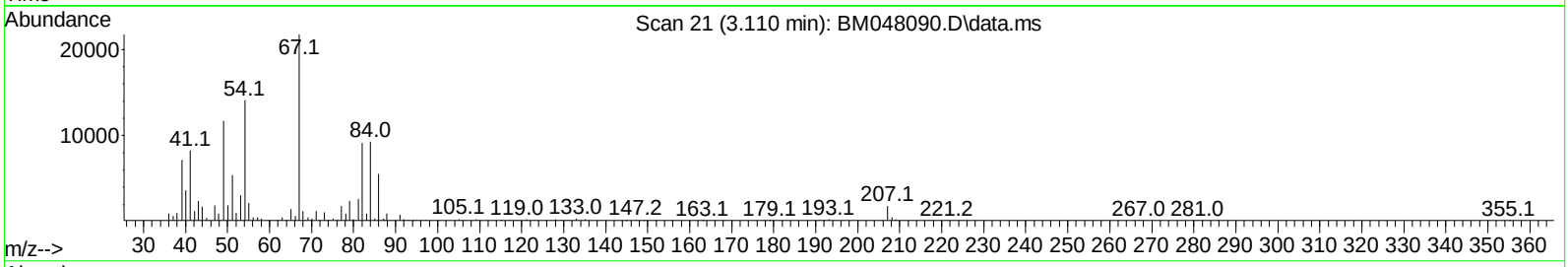
Quant Time: Oct 16 17:37:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

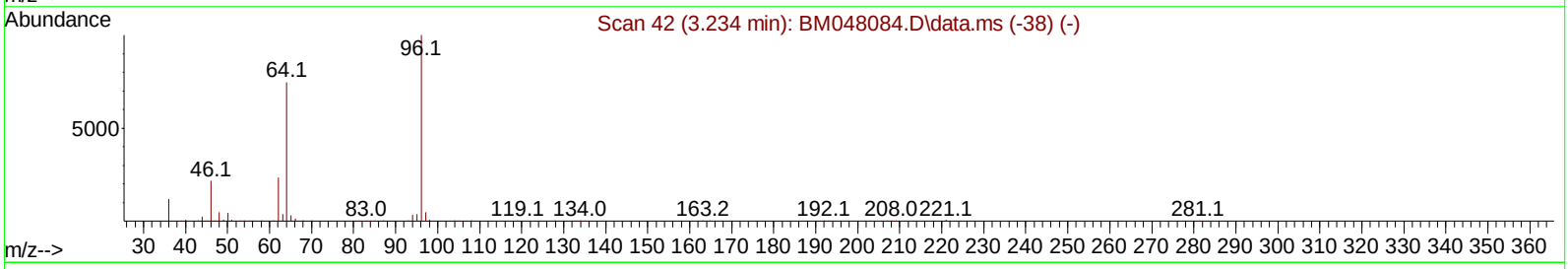
Instrument :
BNA_M
ClientSampleId :
A4ER2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048090.D\data.ms

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

3.110min (-0.129) 0.01 ng/uL

response 68

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	85.50	79.92
34.00	0.00	0.00
0.00	0.00	0.00

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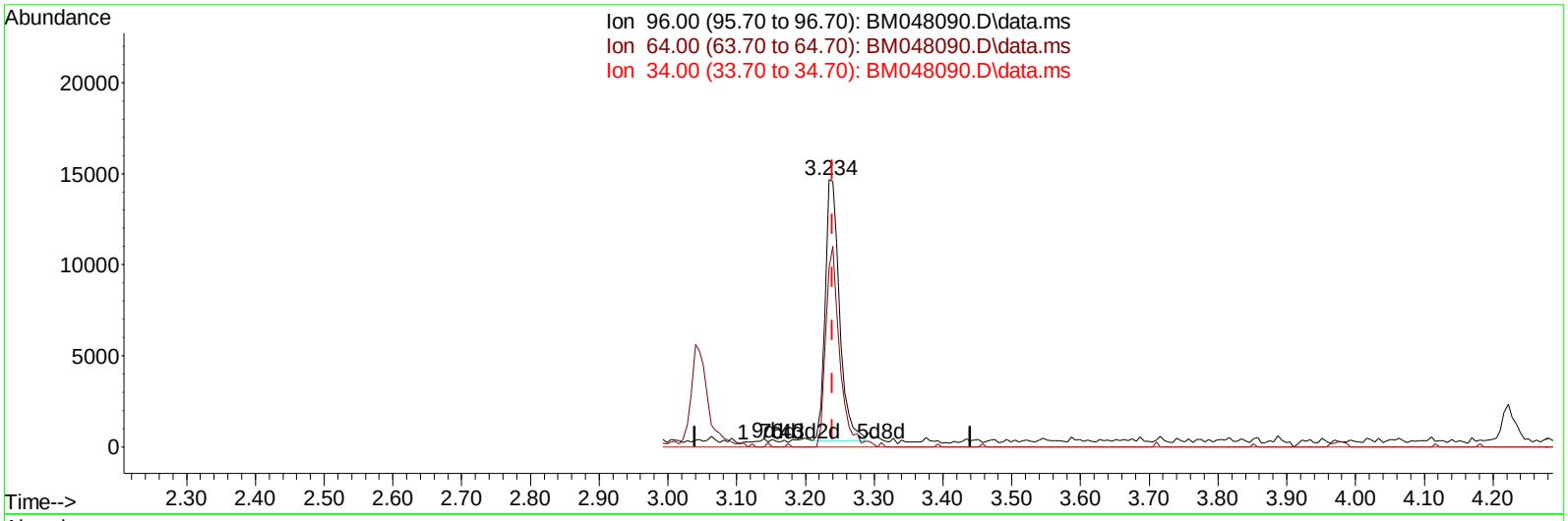

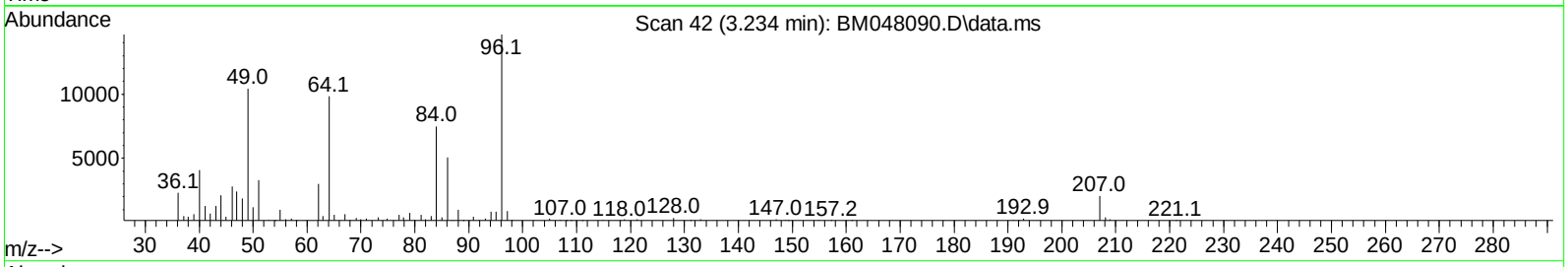

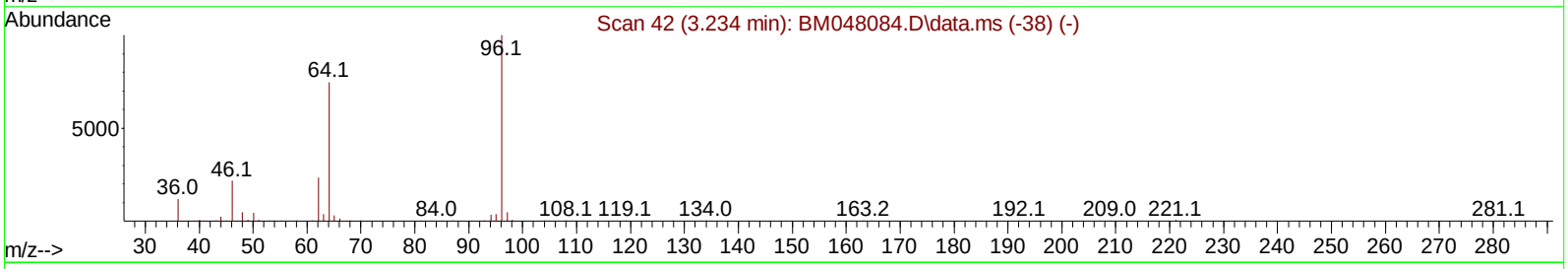

TIC: BM048090.D\data.ms

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

3.234min (-0.006) 2.52 ng/uL m

response 20933

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	85.50	67.17#
34.00	0.00	0.00
0.00	0.00	0.00

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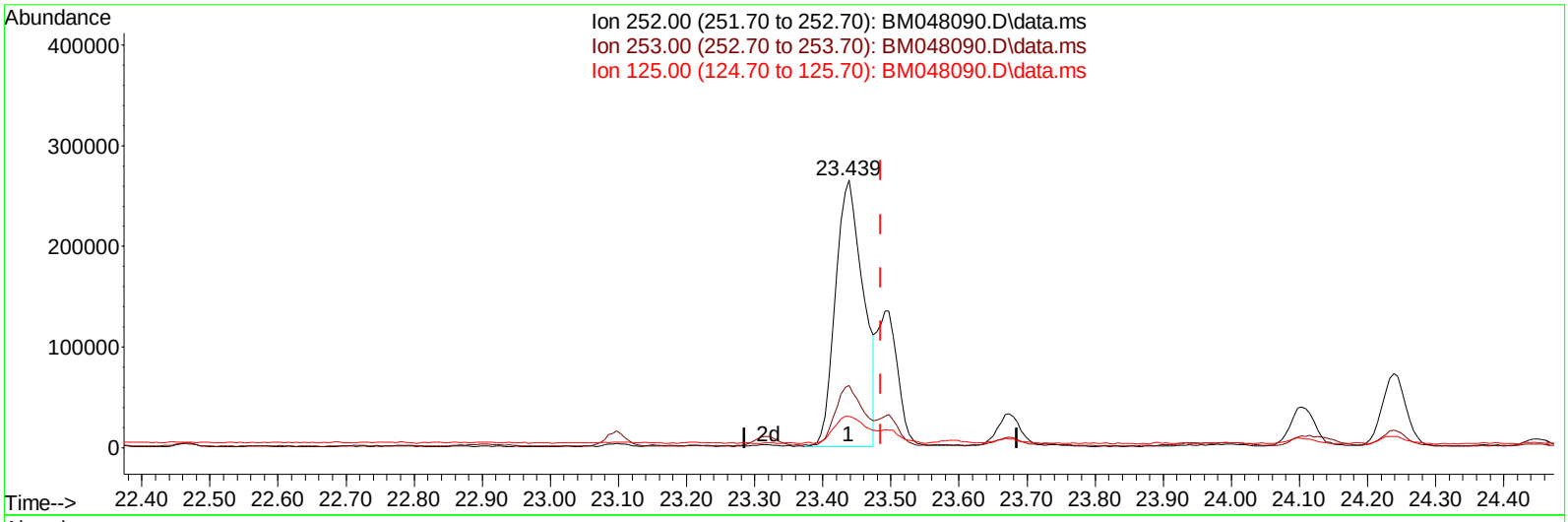

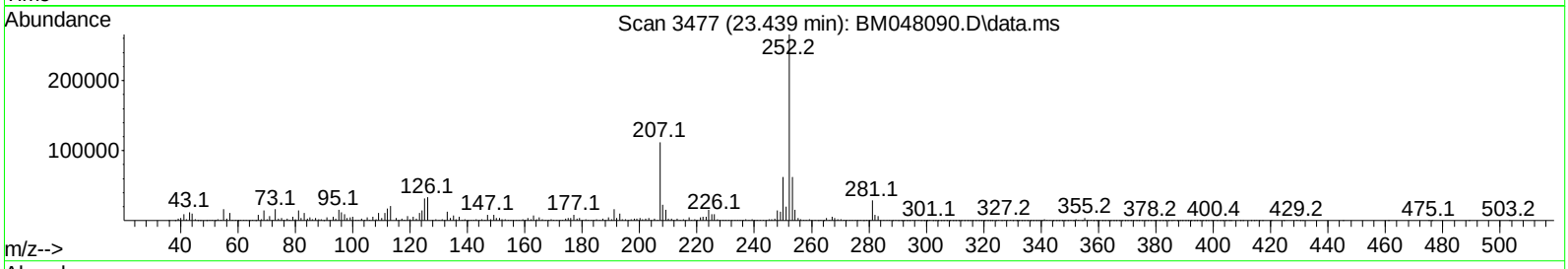

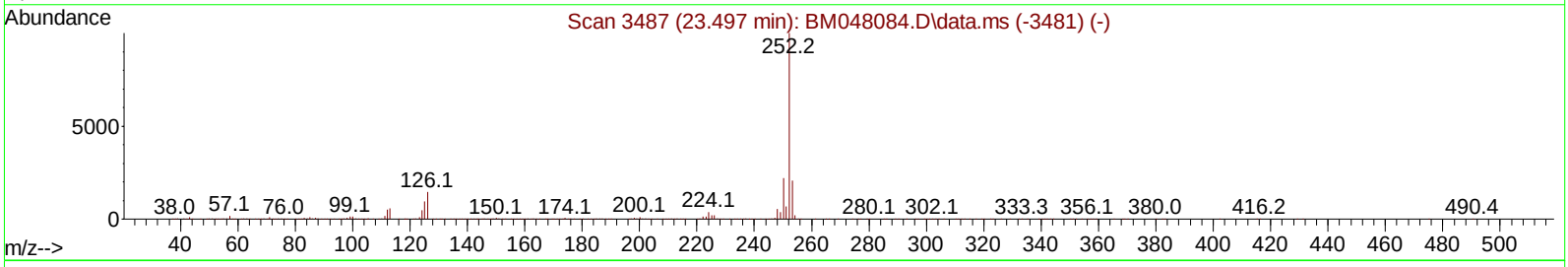

TIC: BM048090.D\data.ms

(91) Benzo(k)fluoranthene

23.439min (-0.047) 9.24 ng/ul

response 751877

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.29
125.00	11.10	11.77
0.00	0.00	0.00

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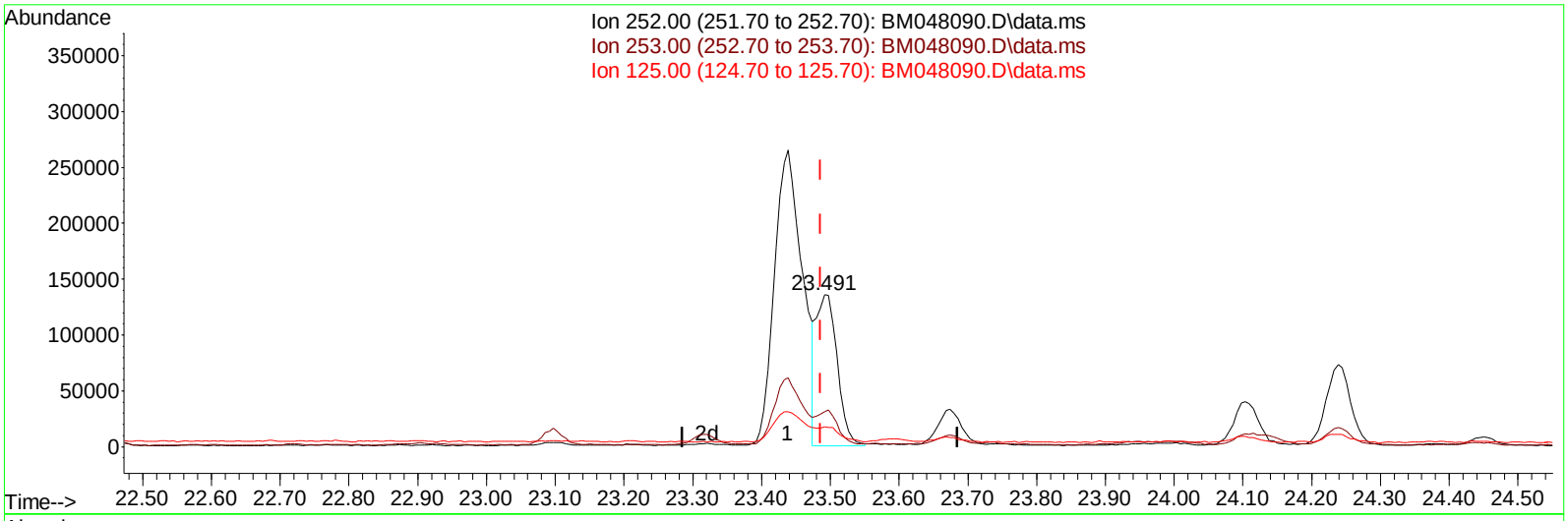

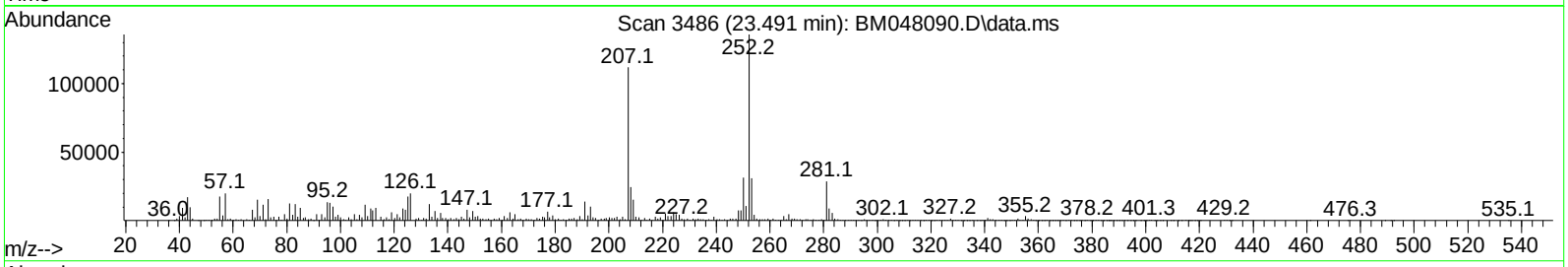

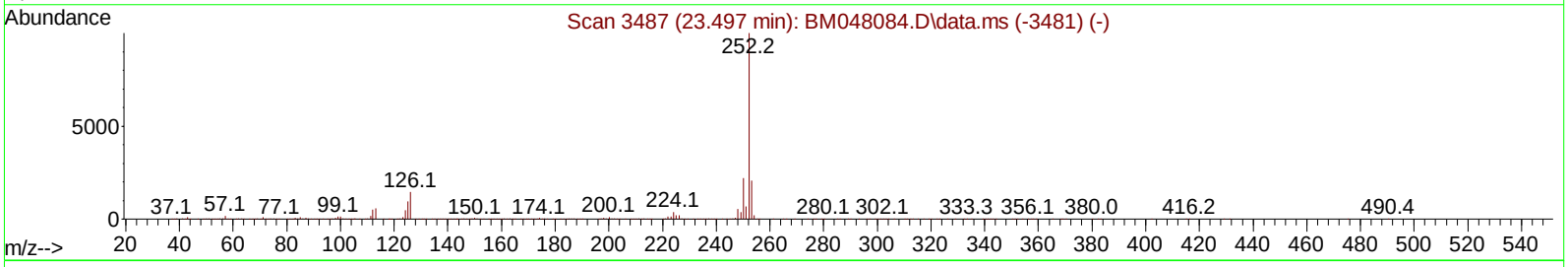

TIC: BM048090.D\data.ms

(91) Benzo(k)fluoranthene

23.491min (+ 0.006) 3.48 ng/ul m

response 283535

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.94
125.00	11.10	13.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 16 17:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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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	7.775	152	268788	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	1106928	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.416	164	676063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1324584	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1126632	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1275956	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	20933m	2.517	ng/uL	0.00
4) Pyridine-d5	3.663	84	39236	1.611	ng/ul	0.00
7) Phenol-d5	6.951	99	396954	15.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	244013	13.529	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	359359	19.433	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	257355	13.619	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	171960	19.511	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	188917	22.368	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.198	165	316839	18.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	131534	5.043	ng/ul	0.00
46) Dimethylphthalate-d6	13.821	166	951440	19.411	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	1091330	18.779	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	130483	13.371	ng/ul	0.01
60) Fluorene-d10	15.410	176	838273	19.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	62359	8.045	ng/ul	0.00
73) Anthracene-d10	17.257	188	1241498	19.061	ng/ul	0.00
81) Pyrene-d10	19.545	212	1007312	15.754	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	596806	9.015	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.981	94	33651	1.244	ng/ul	92
16) Acetophenone	8.598	105	74966	2.318	ng/ul	90
72) Phenanthrene	17.198	178	530347	6.828	ng/ul	99
74) Anthracene	17.292	178	90497	1.142	ng/ul	98
80) Fluoranthene	19.215	202	1180190	15.672	ng/ul	98
82) Pyrene	19.574	202	628094	7.494	ng/ul	98
85) Benzo(a)anthracene	21.368	228	471030	5.971	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	239116	5.375	ng/ul#	96
87) Chrysene	21.427	228	557793	7.253	ng/ul	98
90) Benzo(b)fluoranthene	23.439	252	751877	9.449	ng/ul	97
91) Benzo(k)fluoranthene	23.491	252	283535m	3.485	ng/ul	
93) Benzo(a)pyrene	24.238	252	177356	2.347	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.756	276	196670	2.031	ng/ul	98
95) Dibenzo(a,h)anthracene	27.803	278	90586	1.141	ng/ul	95

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

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