Quantitation Report (Qedit)

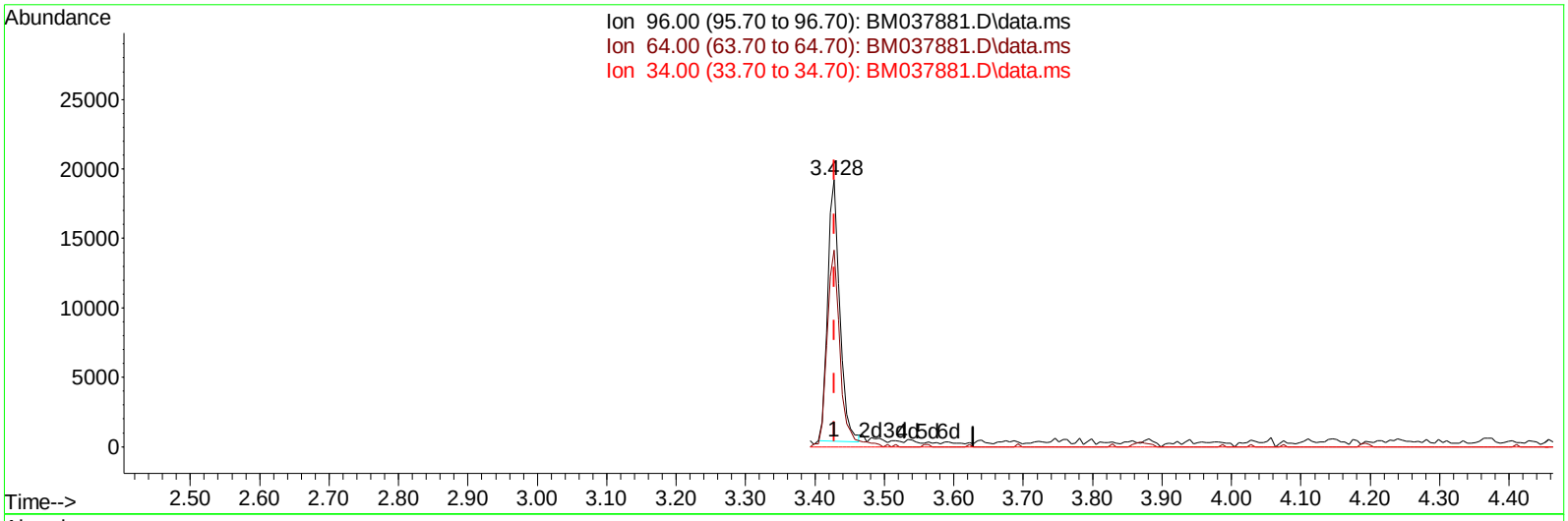
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037881.D
Acq On : 08 Dec 2022 11:36
Operator : CG/JU
Sample : N5832-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

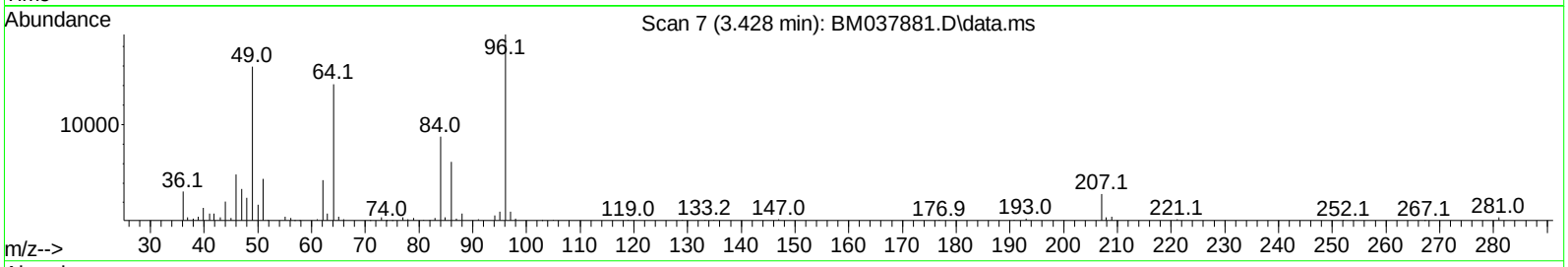
Quant Time: Dec 08 22:37:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

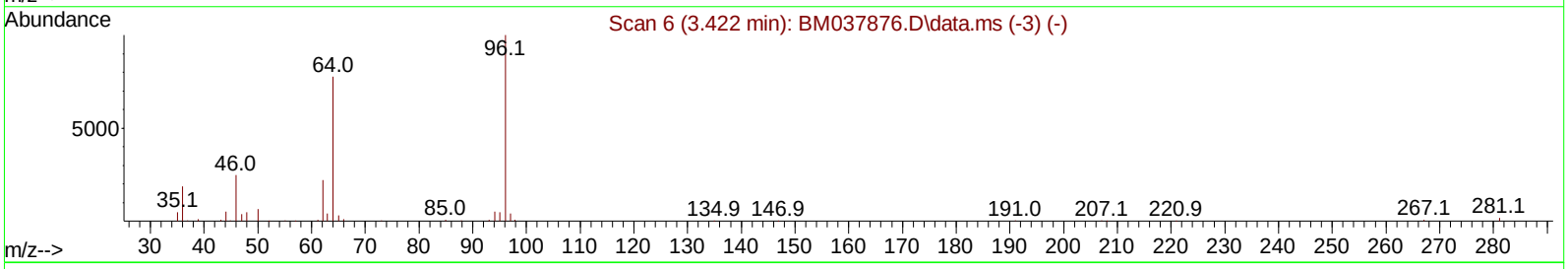
Instrument :
BNA_M
ClientSampleId :
DBXK3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022







TIC: BM037881.D\data.ms

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

3.428min (-0.000) 3.73 ng/uL

response 23090

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	73.58
34.00	0.00	0.00
0.00	0.00	0.00

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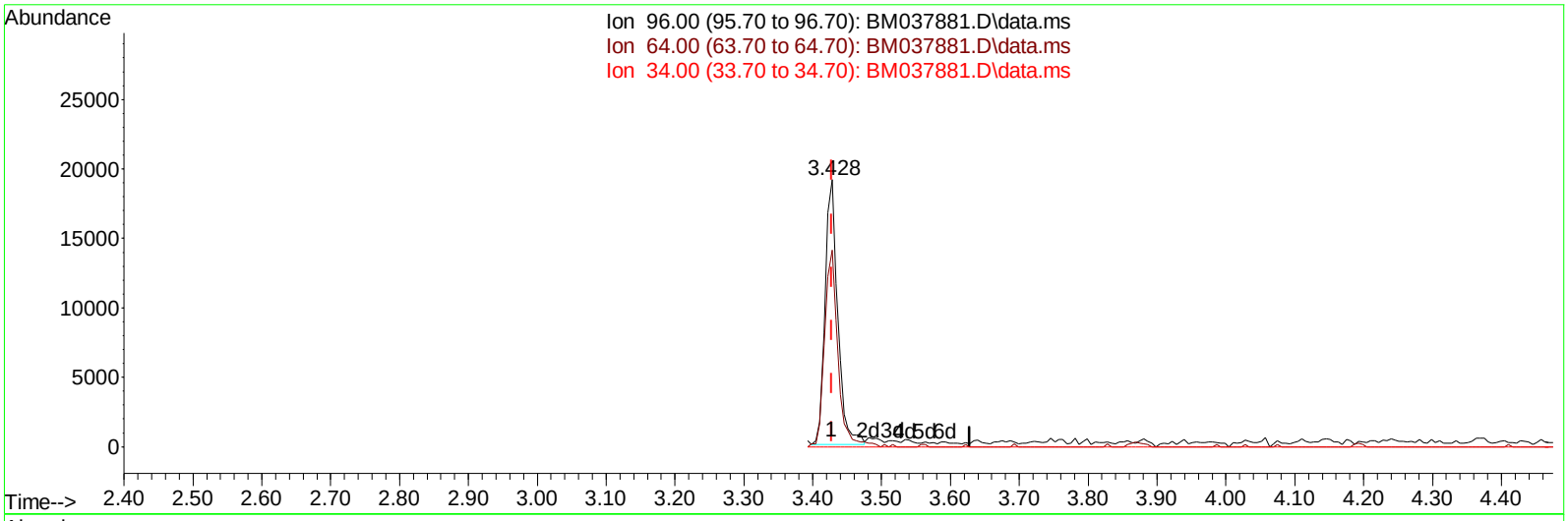

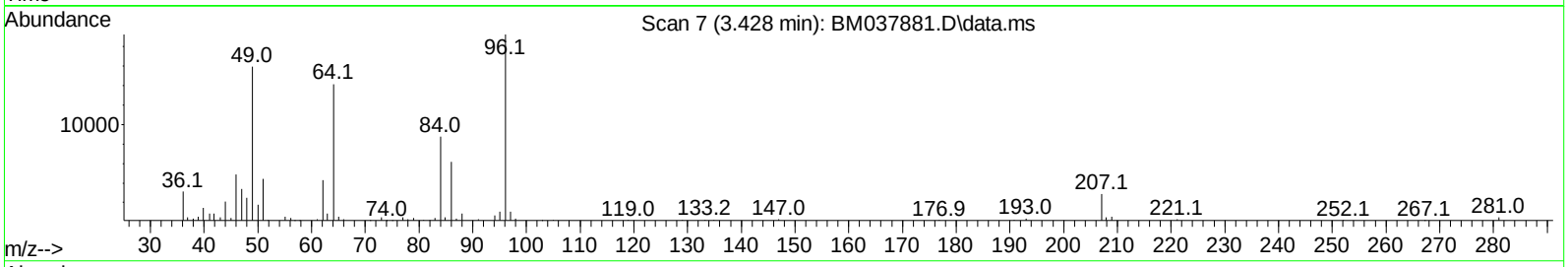

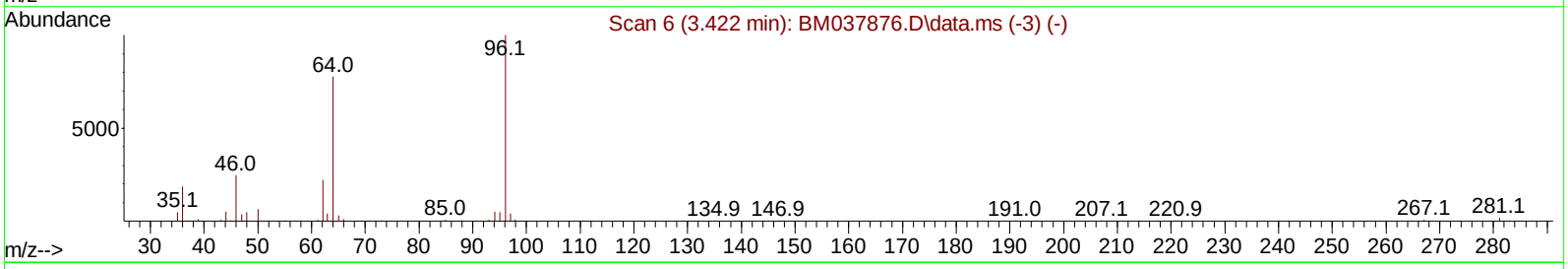

TIC: BM037881.D\data.ms

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

3.428min (-0.000) 3.93 ng/uL m

response 24324

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	73.58
34.00	0.00	0.00
0.00	0.00	0.00

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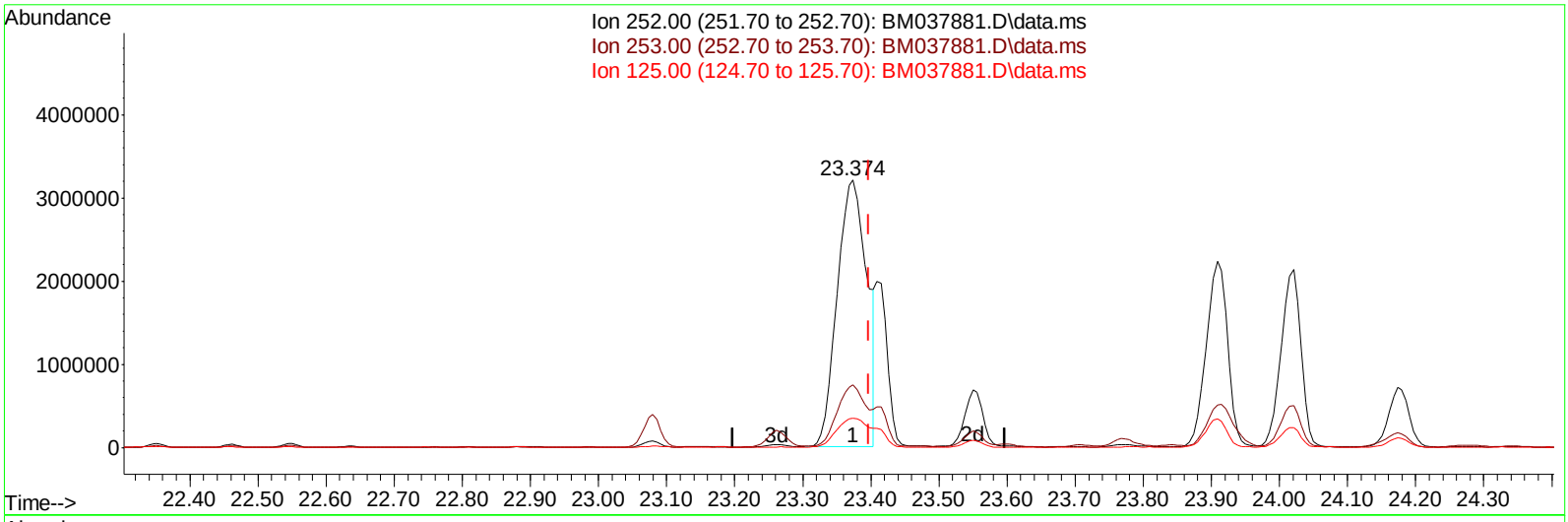

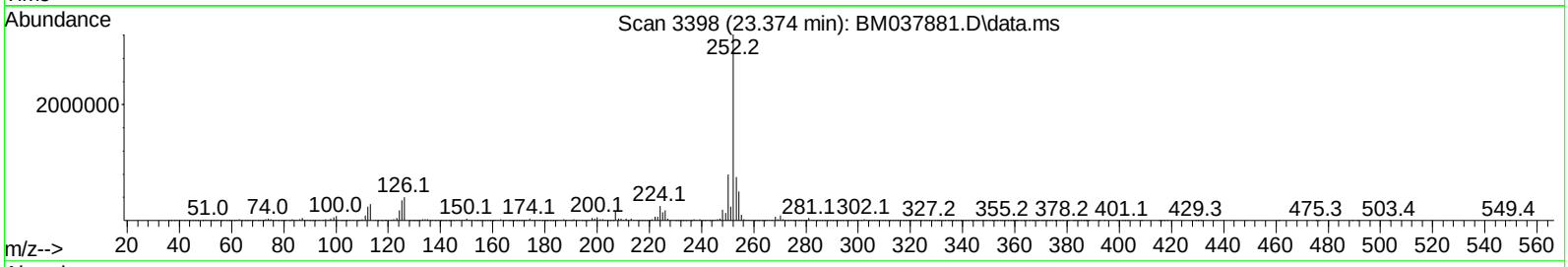

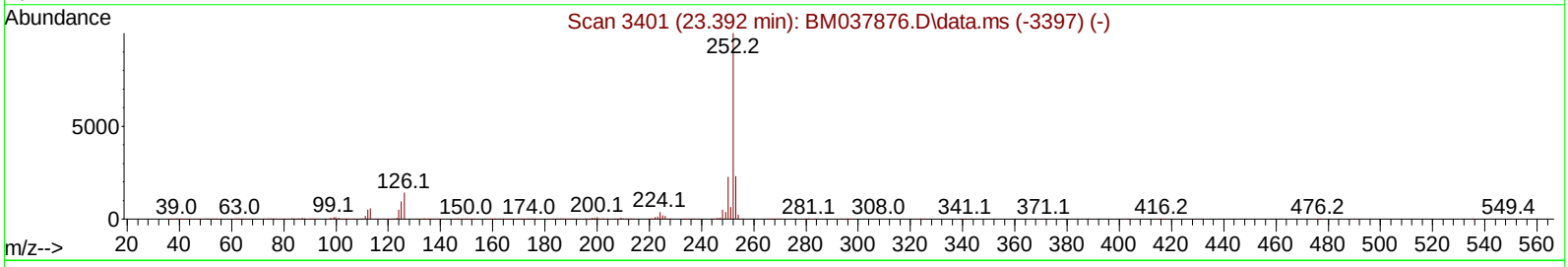

TIC: BM037881.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (-0.024) 141.80 ng/ul

response 9718411

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.41
125.00	10.10	10.91
0.00	0.00	0.00

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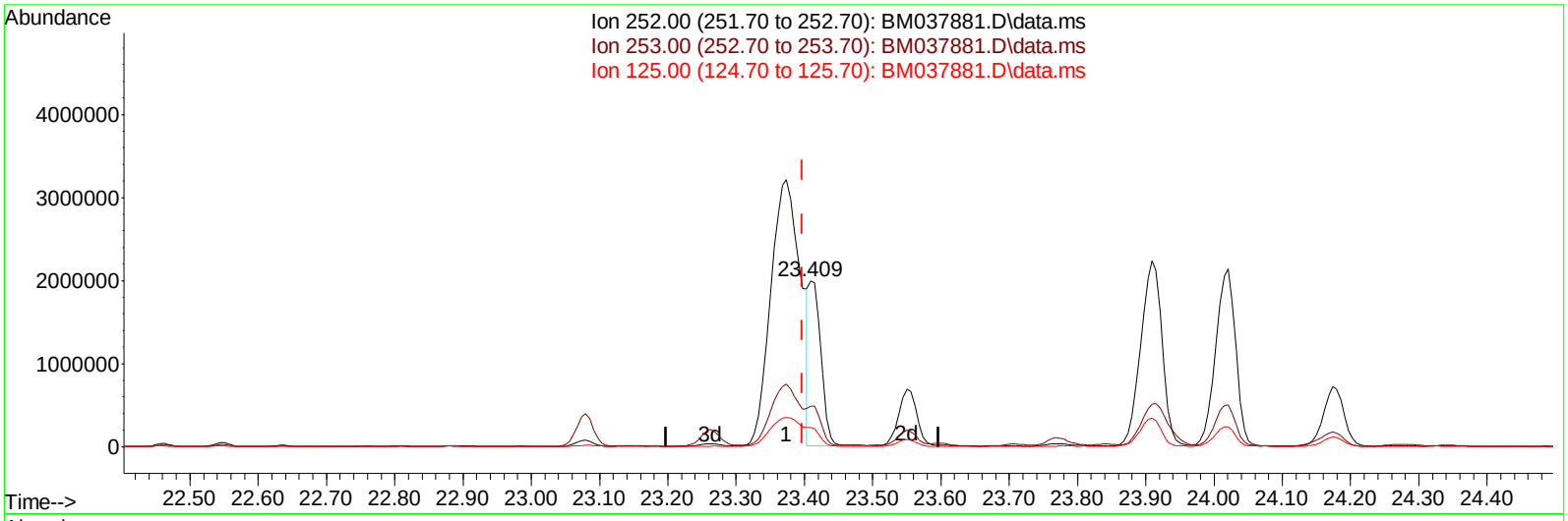

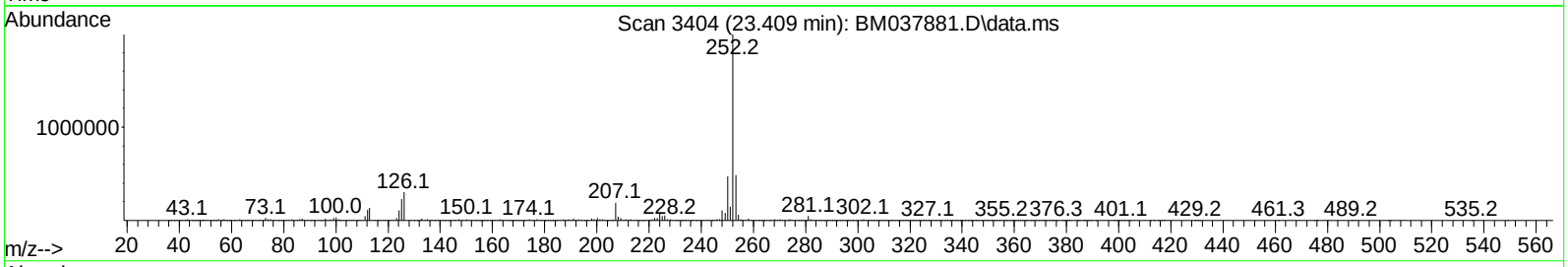

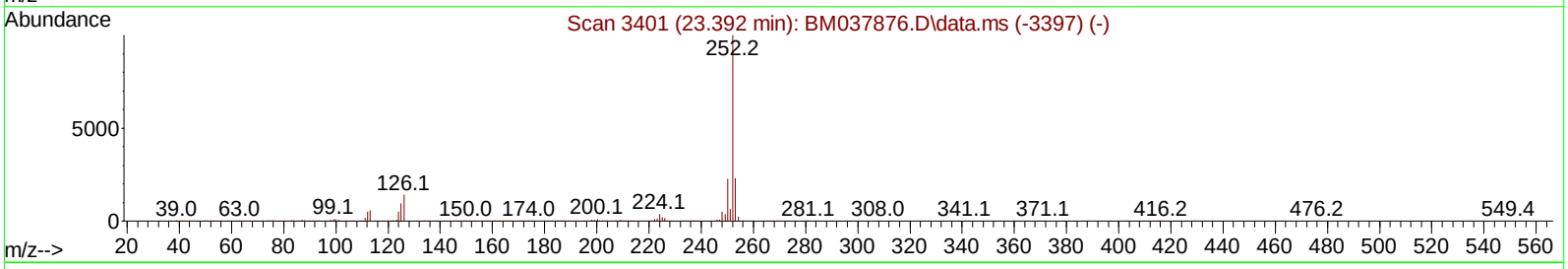

TIC: BM037881.D\data.ms

(91) Benzo(k)fluoranthene

23.409min (+ 0.012) 35.33 ng/ul m

response 2421267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.44
125.00	10.10	11.46
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	8.087	152	281029	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1078588	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	569478	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	1084679	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	904999	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1140708	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	24324m	3.930	ng/uL	0.00
4) Pyridine-d5	3.863	84	194363	10.586	ng/ul	0.00
7) Phenol-d5	7.239	99	513195	22.472	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	296460	21.319	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	422644	22.561	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	394556	22.134	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	204920	23.996	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	212135	23.704	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	382320	22.491	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	310441	13.230	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	1007631	24.819	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1209860	24.382	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	146914	21.233	ng/ul	0.00
60) Fluorene-d10	15.704	176	901444	24.921	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	115768	19.963	ng/ul	0.00
73) Anthracene-d10	17.556	188	1323680	26.148	ng/ul	0.00
81) Pyrene-d10	19.839	212	1404724	25.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1466214	25.734	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.957	128	509322	8.750	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	149306	3.955	ng/ul	95
37) 1-Methylnaphthalene	12.774	142	56913	1.474	ng/ul	97
50) Acenaphthylene	14.439	152	714335	13.092	ng/ul	99
52) Acenaphthene	14.780	153	196825	5.215	ng/ul	96
61) Fluorene	15.757	166	290892	6.923	ng/ul	98
71) Pentachlorophenol	17.104	266	69935	8.863	ng/ul	97
72) Phenanthrene	17.498	178	2311751	39.027	ng/ul	100
74) Anthracene	17.604	178	13743256	228.305	ng/ul	97
80) Fluoranthene	19.509	202	5105518	79.576	ng/ul	100
82) Pyrene	19.874	202	6096803	91.306	ng/ul	99
85) Benzo(a)anthracene	21.615	228	3606492	59.193	ng/ul	96
87) Chrysene	21.674	228	5676617	99.302	ng/ul	98
90) Benzo(b)fluoranthene	23.374	252	9718411	137.422	ng/ul	97
91) Benzo(k)fluoranthene	23.409	252	2421267m	35.327	ng/ul	
93) Benzo(a)pyrene	24.021	252	4341692	69.815	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.726	276	3557335	44.415	ng/ul	98
95) Dibenzo(a,h)anthracene	26.732	278	935798	13.860	ng/ul#	86
96) Benzo(g,h,i)perylene	27.538	276	2798697	43.766	ng/ul	98

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

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