Quantitation Report (Qedit)

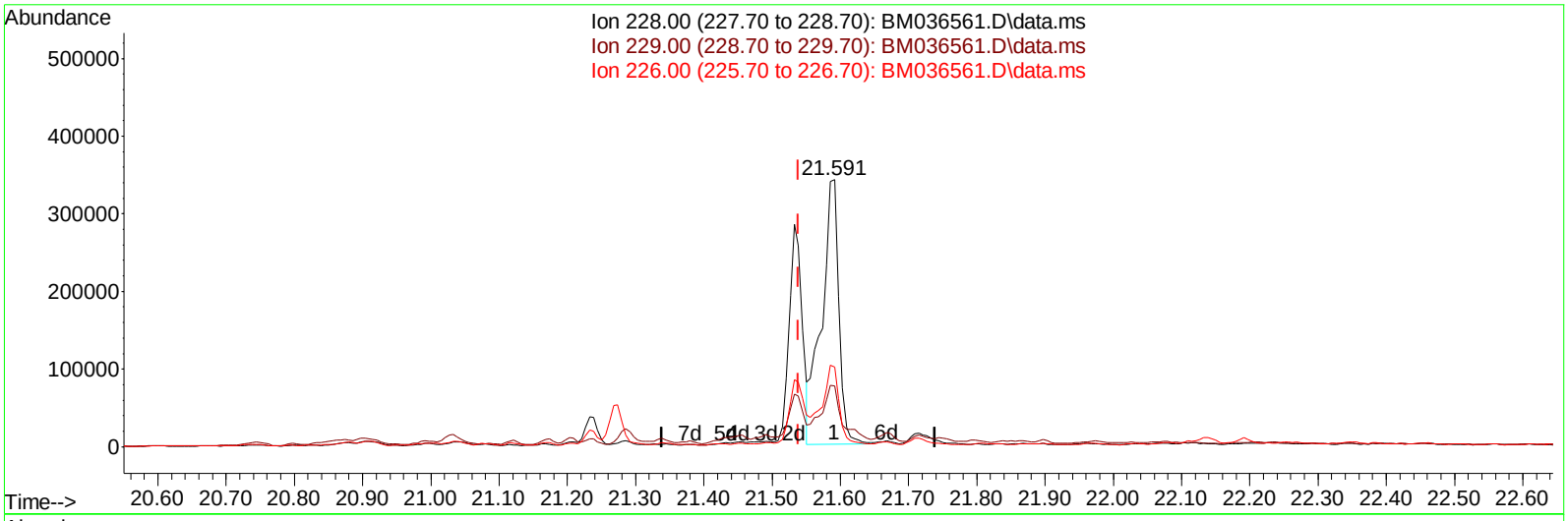
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036561.D
Acq On : 16 Sep 2022 14:10
Operator : CG/JU
Sample : N4601-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

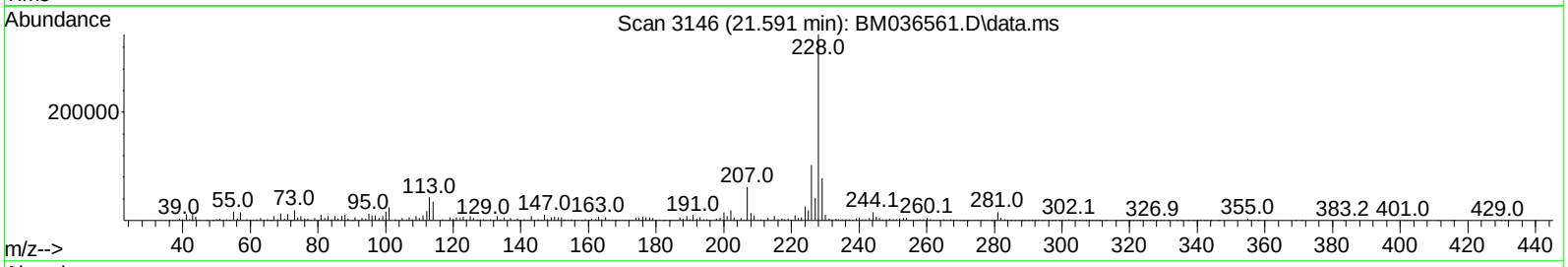
Quant Time: Sep 16 22:59:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

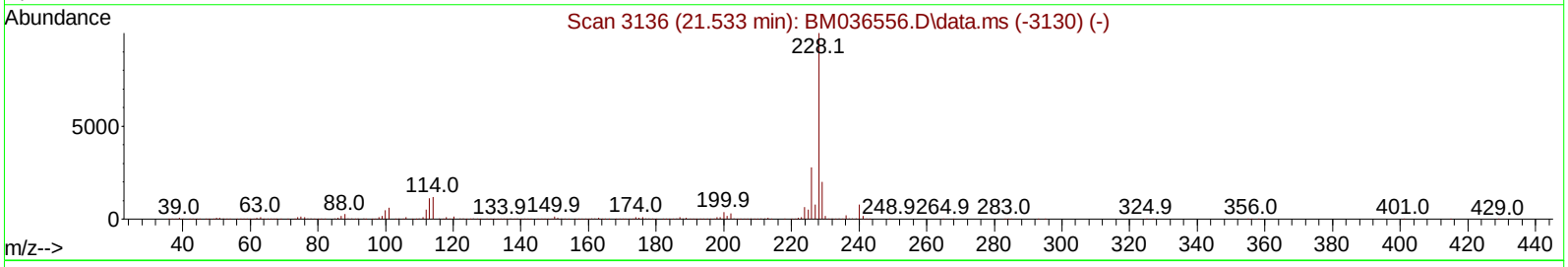
Instrument :
BNA_M
ClientSampleId :
A5753

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036561.D\data.ms

(85) Benzo(a)anthracene

21.591min (+ 0.053) 4.98 ng/ul

response 606143

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	22.81
226.00	27.40	29.90
0.00	0.00	0.00

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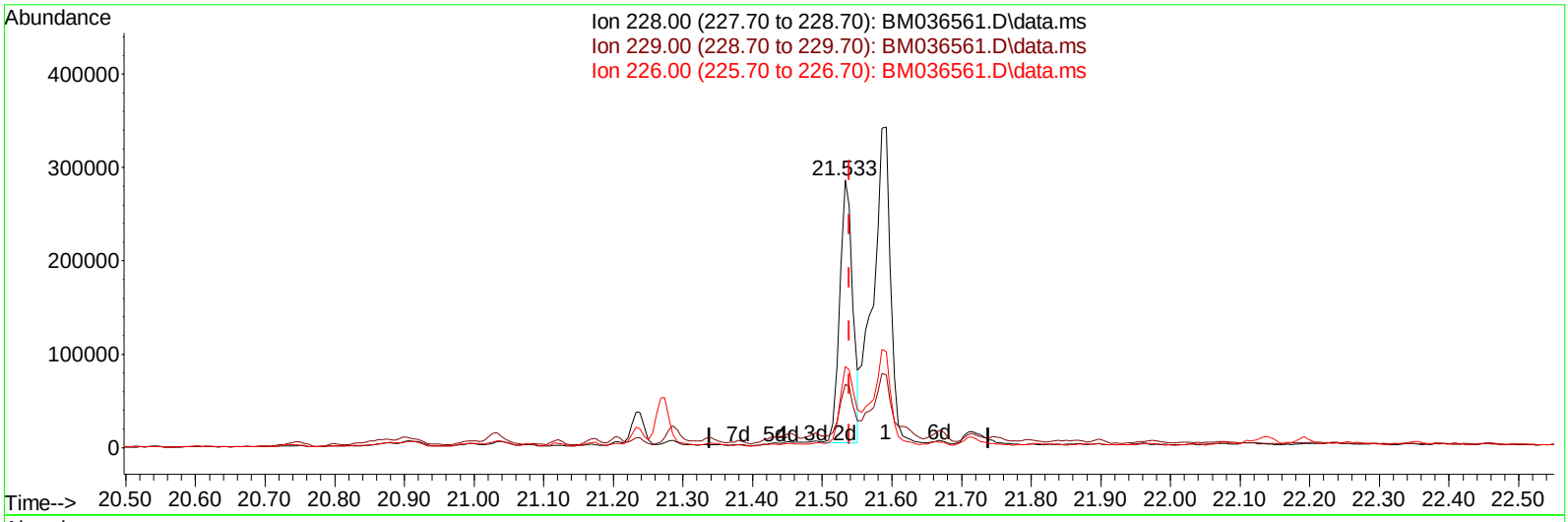

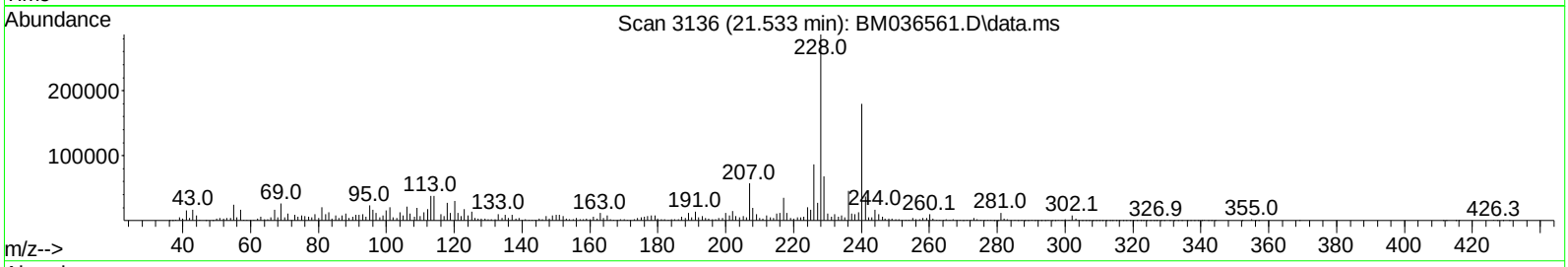

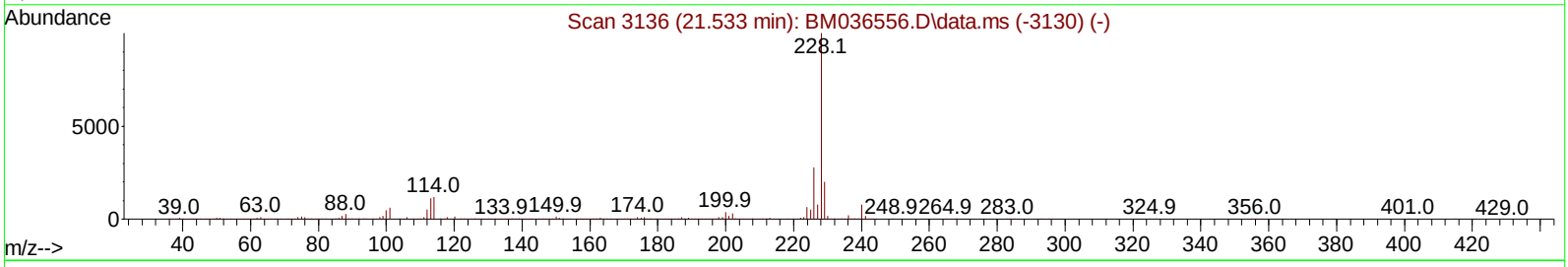

TIC: BM036561.D\data.ms

(85) Benzo(a)anthracene

21.533min (-0.006) 3.07 ng/ul m

response 372932

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	23.79#
226.00	27.40	30.28
0.00	0.00	0.00

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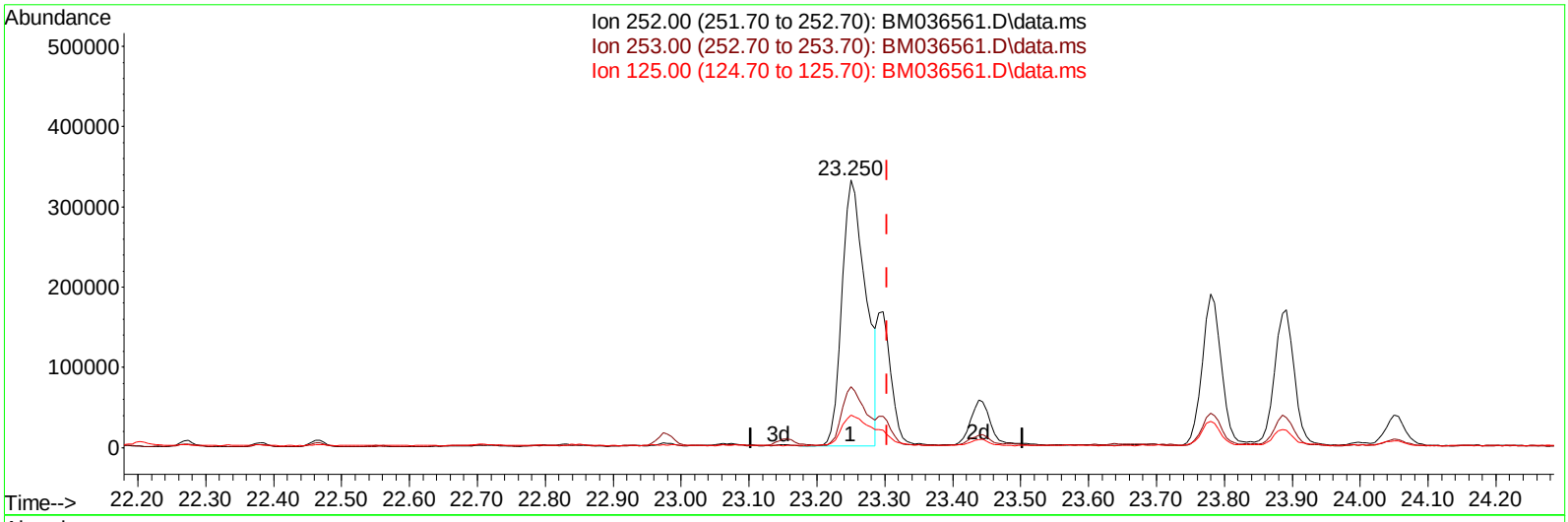

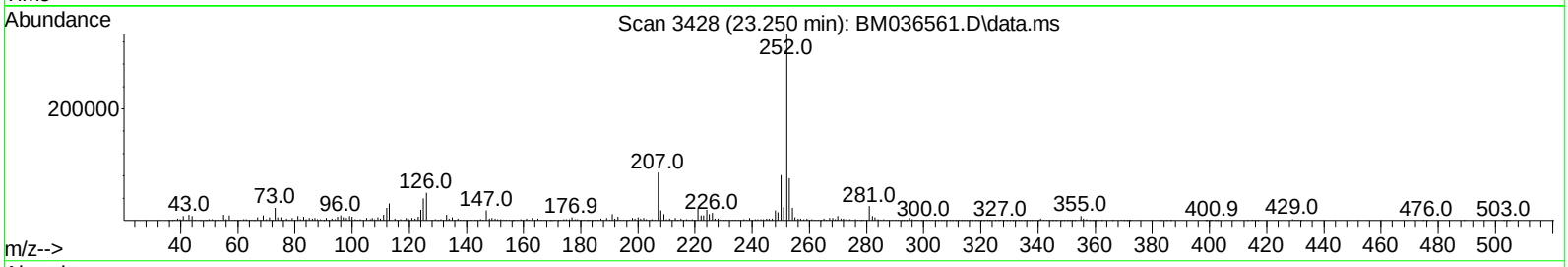

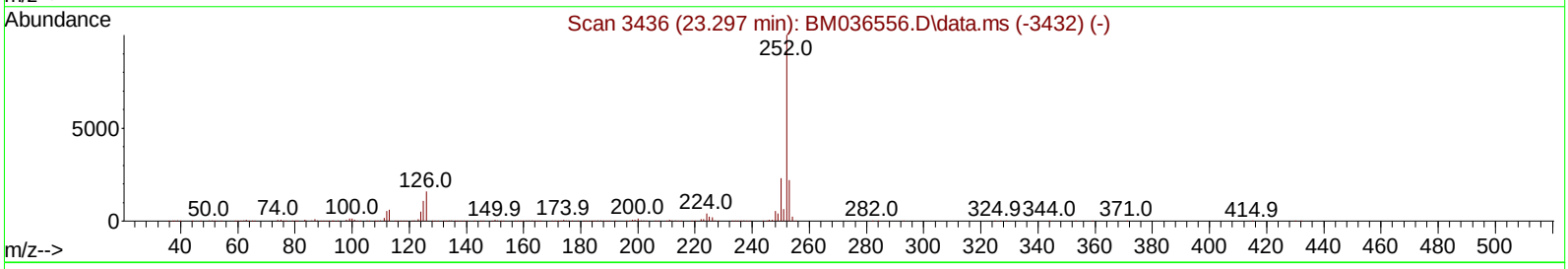

TIC: BM036561.D\data.ms

(91) Benzo(k)fluoranthene

23.250min (-0.053) 6.71 ng/ul

response 815709

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.70
125.00	10.30	12.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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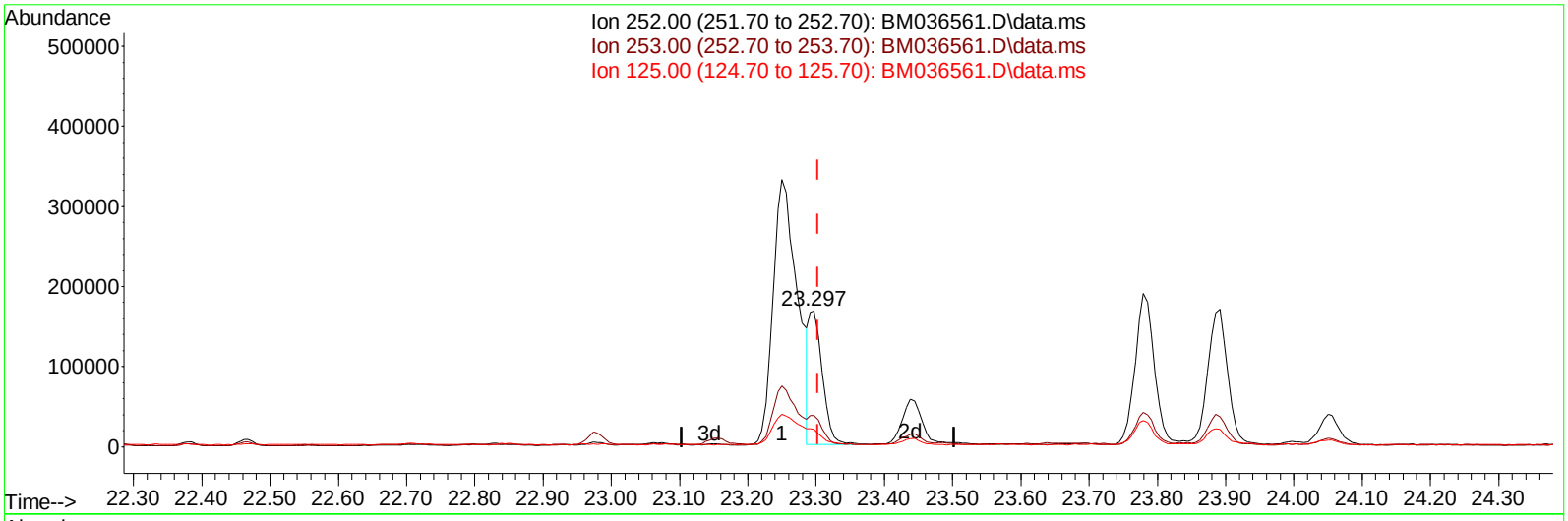

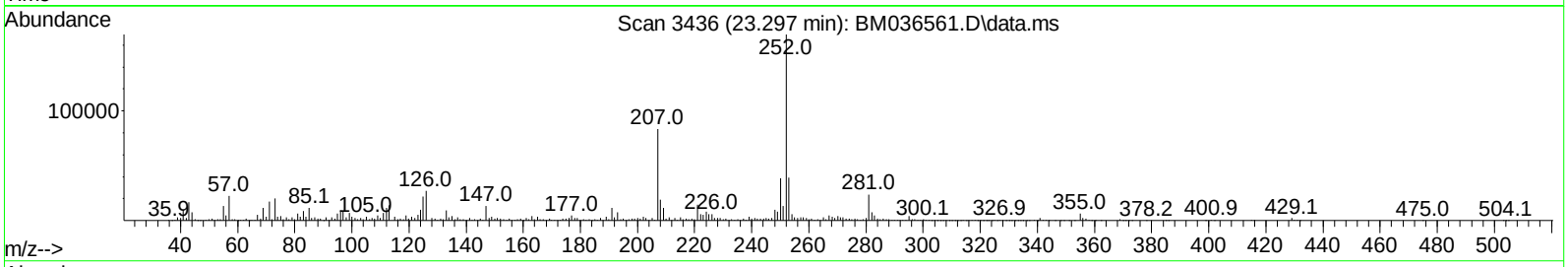

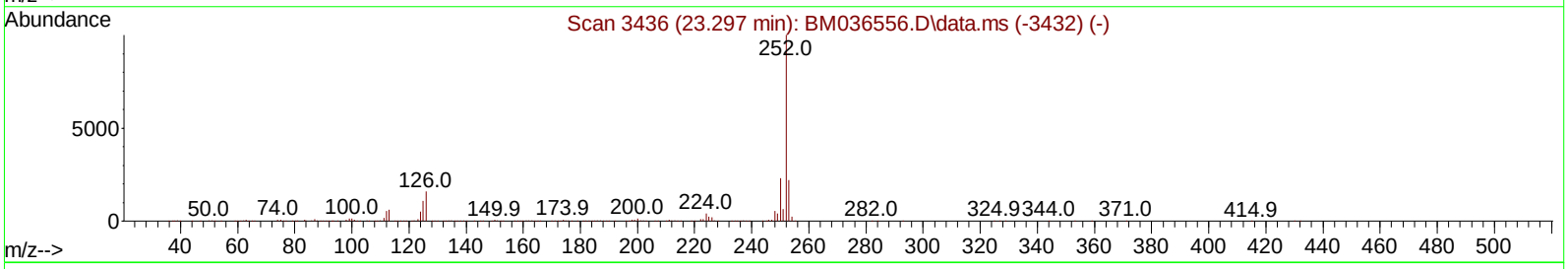

TIC: BM036561.D\data.ms

(91) Benzo(k)fluoranthene

23.297min (-0.006) 1.91 ng/ul m

response 231841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.12
125.00	10.30	12.84#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	322088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1457584	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	954330	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1993511	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1941338	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1918214	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	30181	3.513	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.169	99	525092	18.243	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	366594	20.972	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	435057	20.994	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	369467	17.372	ng/ul	-0.01
21) Nitrobenzene-d5	9.186	128	211632	21.451	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	192979	21.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	405165	19.784	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.969	131	348493	10.235	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1413374	21.959	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1665621	21.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	110929	8.886	ng/ul	0.00
60) Fluorene-d10	15.633	176	1305327	22.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	108669	13.778	ng/ul	-0.01
73) Anthracene-d10	17.480	188	2024627	22.212	ng/ul	0.00
81) Pyrene-d10	19.762	212	2411405	25.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.838	264	2195757	23.430	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.886	128	158993	2.002	ng/ul	99
36) 2-Methylnaphthalene	12.486	142	166829	3.153	ng/ul	99
37) 1-Methylnaphthalene	12.704	142	155909	2.931	ng/ul	100
50) Acenaphthylene	14.368	152	99108	1.135	ng/ul#	96
72) Phenanthrene	17.427	178	443673	4.041	ng/ul	100
80) Fluoranthene	19.433	202	638789	5.458	ng/ul	98
82) Pyrene	19.792	202	591017	4.771	ng/ul	99
85) Benzo(a)anthracene	21.533	228	372932m	3.066	ng/ul	
87) Chrysene	21.591	228	606451	5.253	ng/ul	96
90) Benzo(b)fluoranthene	23.250	252	815709	6.706	ng/ul	98
91) Benzo(k)fluoranthene	23.297	252	231841m	1.907	ng/ul	
93) Benzo(a)pyrene	23.891	252	337915	3.160	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.538	276	260557	2.087	ng/ul	98
96) Benzo(g,h,i)perylene	27.320	276	212441	1.962	ng/ul	98

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

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