Quantitation Report (Qedit)

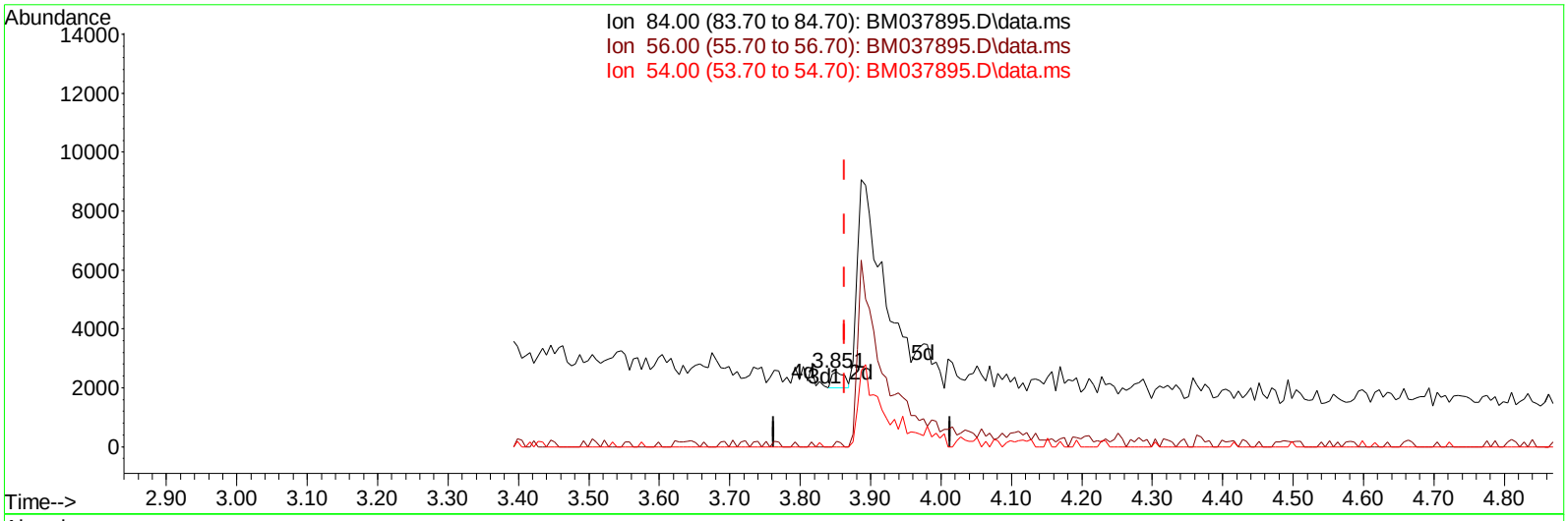
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037895.D
Acq On : 08 Dec 2022 20:17
Operator : CG/JU
Sample : N5832-19 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

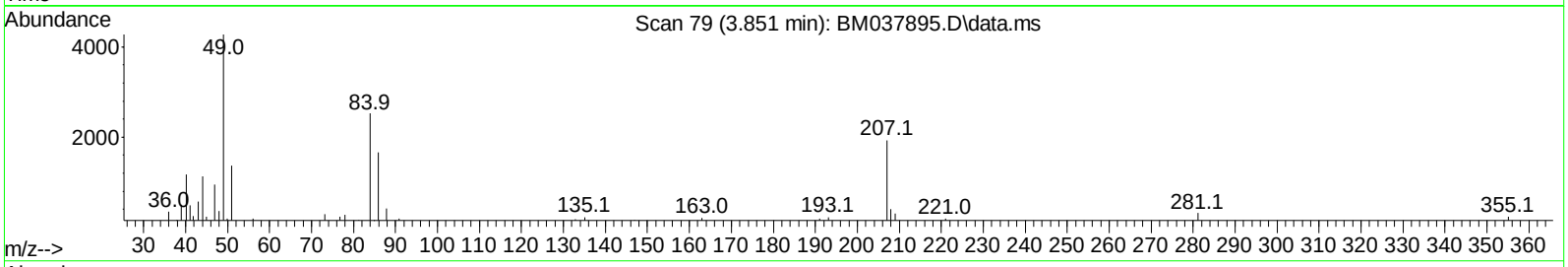
Quant Time: Dec 08 22:41:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

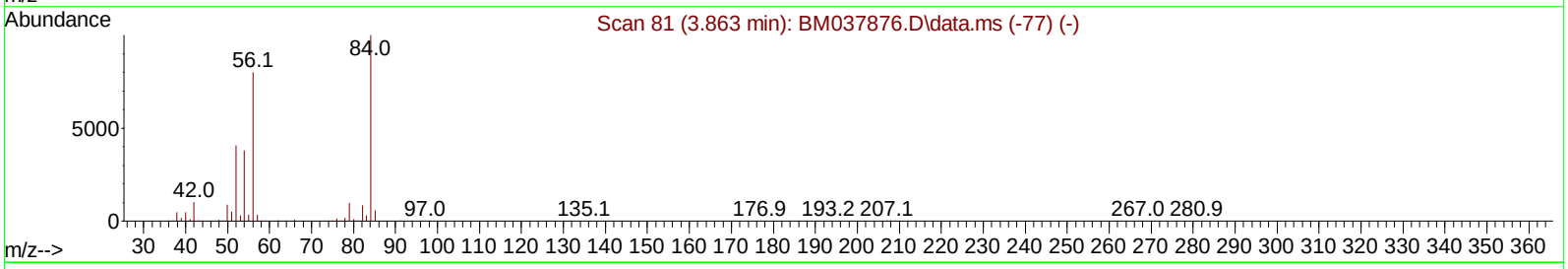
Instrument :
BNA_M
ClientSampleId :
DBXL4

Manual IntegrationsAPPROVED

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







TIC: BM037895.D\data.ms

(4) Pyridine-d5 (S)

3.851min (-0.012) 0.04 ng/ul

response 708

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	7.64#
54.00	38.10	0.00#
0.00	0.00	0.00

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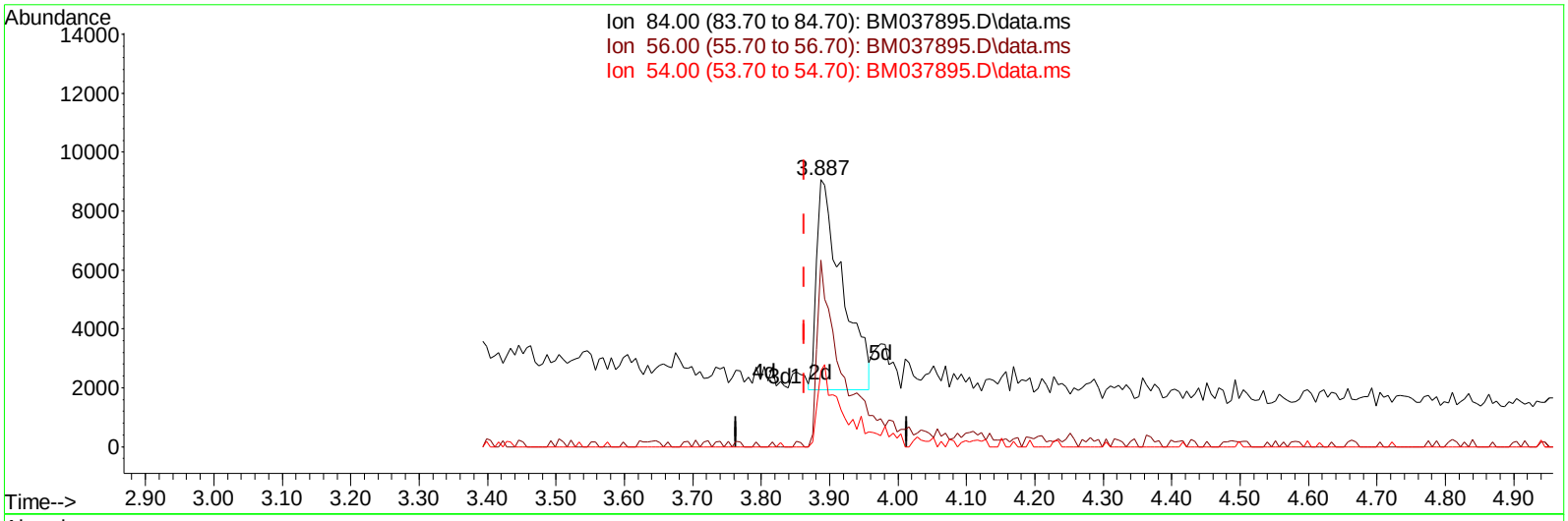

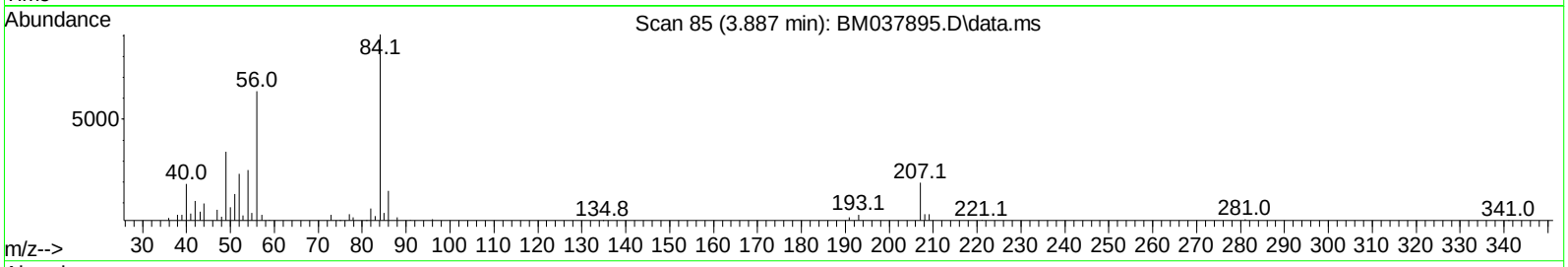

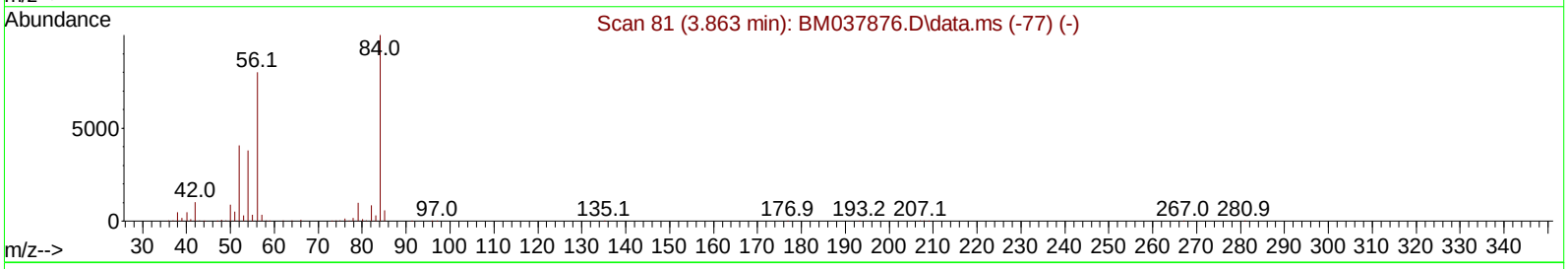

TIC: BM037895.D\data.ms

(4) Pyridine-d5 (S)

3.887min (+ 0.024) 0.94 ng/ul m

response 18550

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	69.91
54.00	38.10	28.36#
0.00	0.00	0.00

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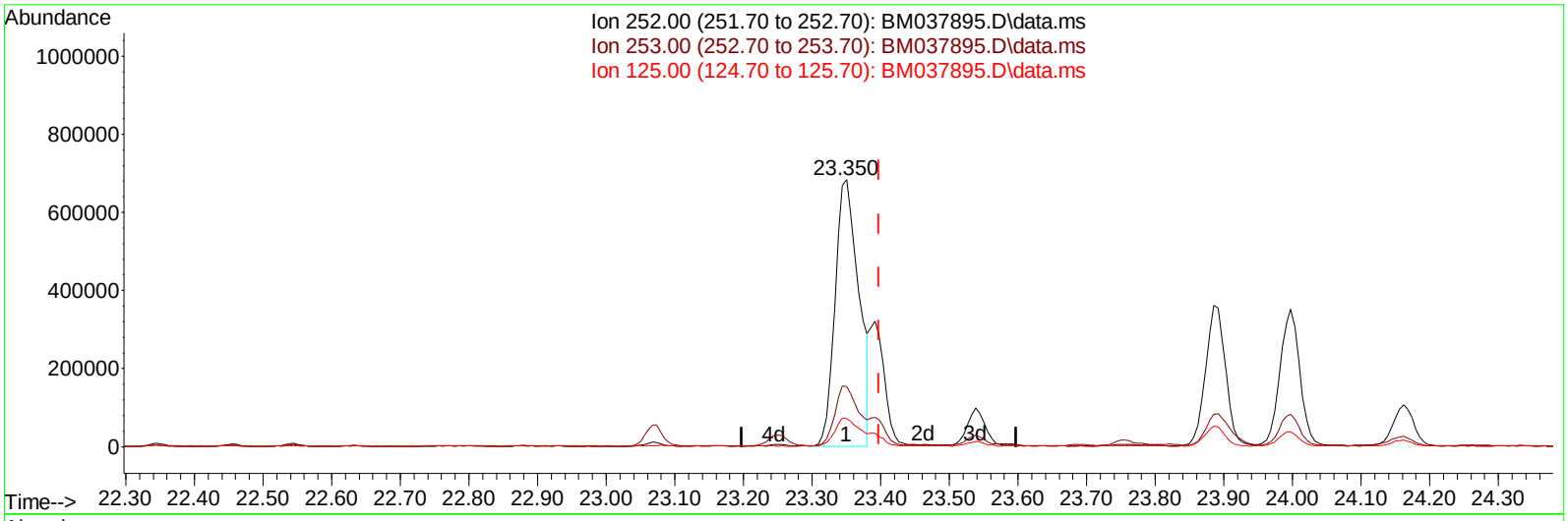

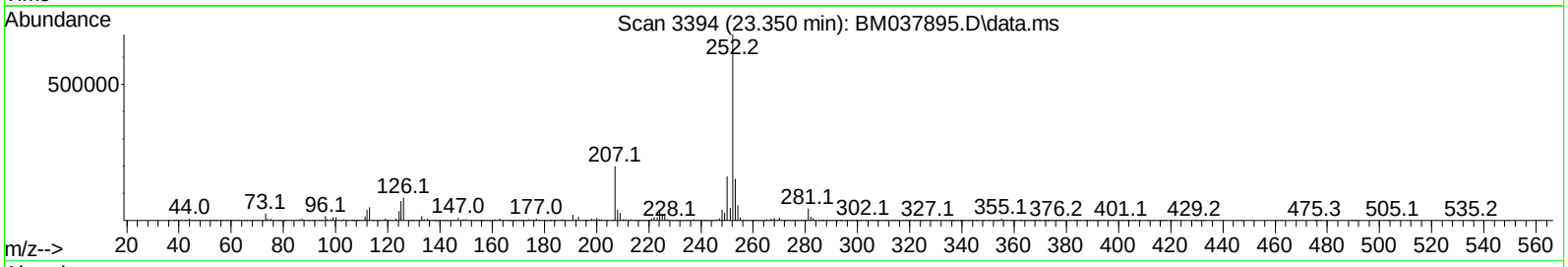

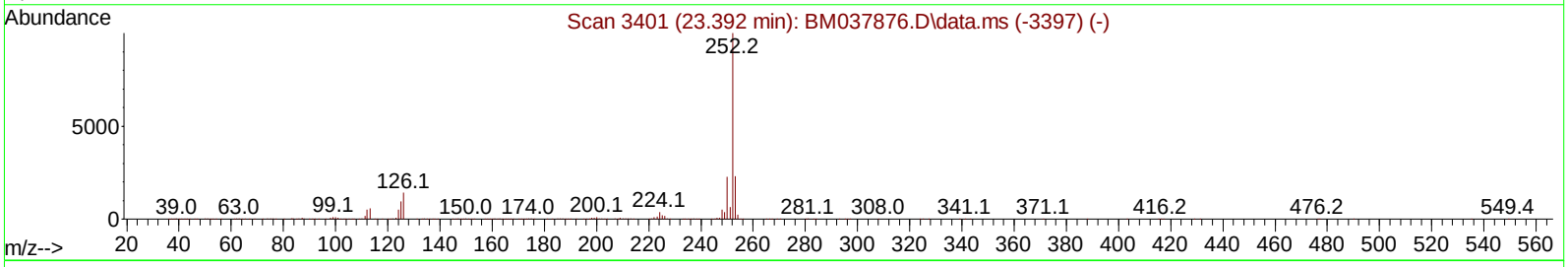

TIC: BM037895.D\data.ms

(91) Benzo(k)fluoranthene

23.350min (-0.047) 26.08 ng/ul

response 1633926

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.55
125.00	10.10	10.44
0.00	0.00	0.00

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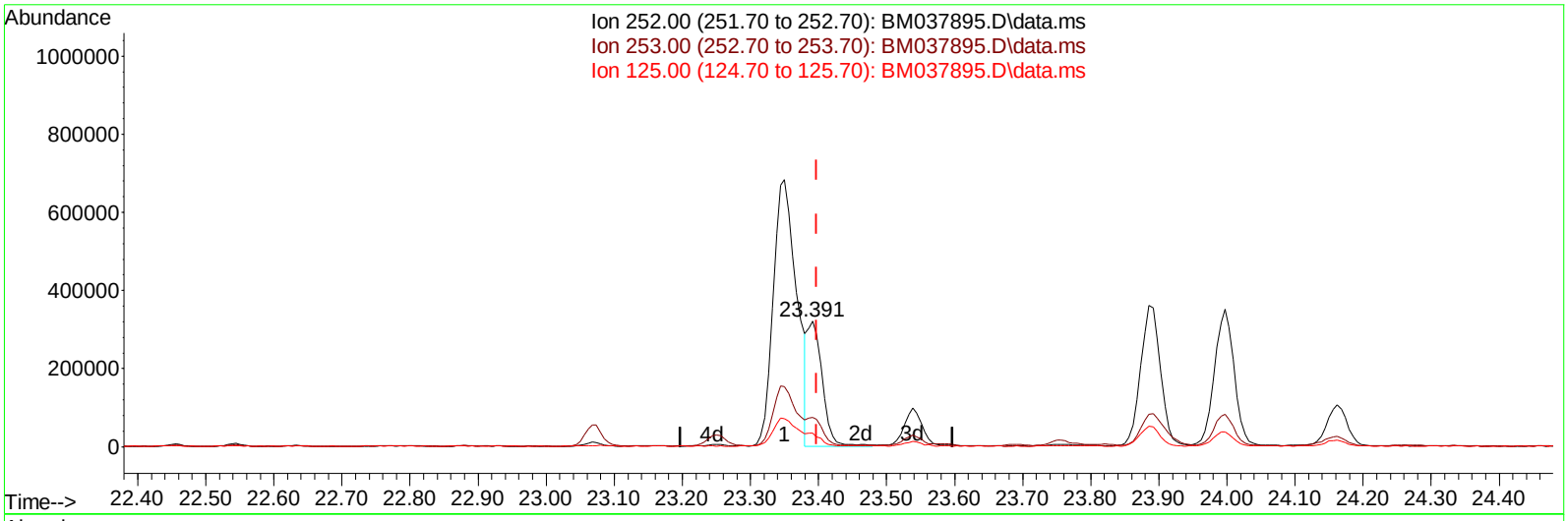

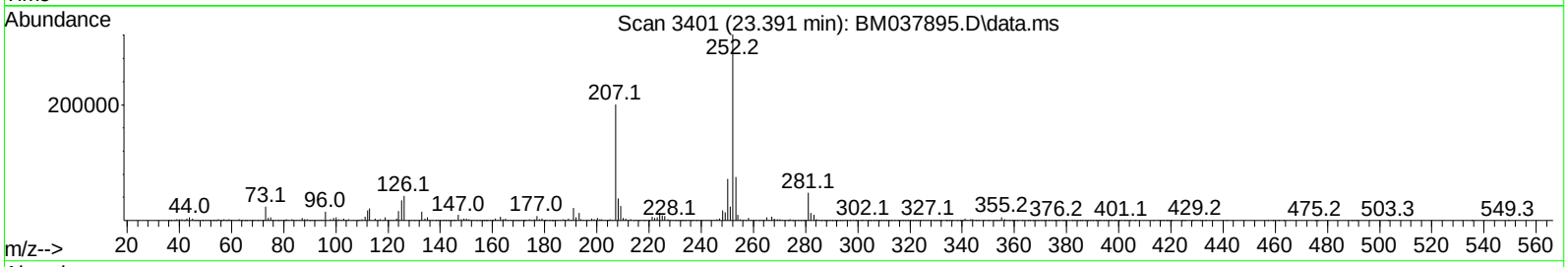

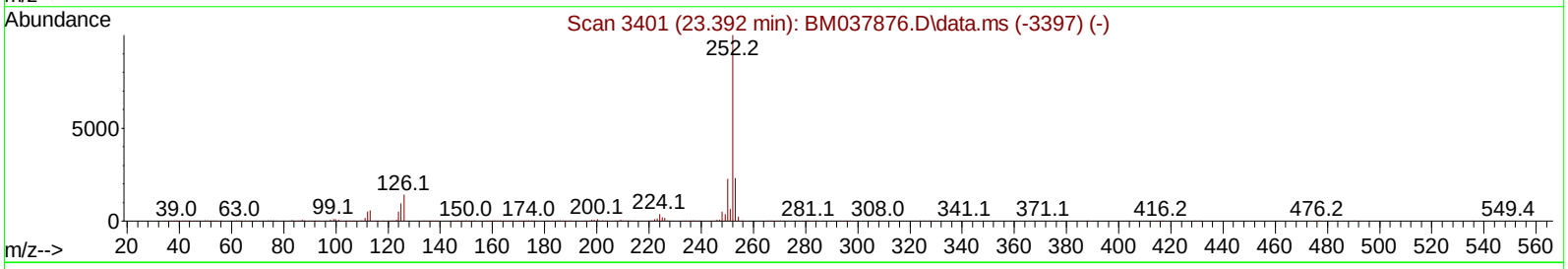

TIC: BM037895.D\data.ms

(91) Benzo(k)fluoranthene

23.391min (-0.006) 7.70 ng/ul m

response 482564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.53
125.00	10.10	11.06
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	8.086	152	301256	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1186850	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	661602	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	1245743	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	908726	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1042693	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	3271	0.493	ng/uL	0.00
4) Pyridine-d5	3.887	84	18550m	0.942	ng/ul	0.02
7) Phenol-d5	7.239	99	52635	2.150	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	32549	2.184	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	44229	2.202	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	39423	2.063	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	20747	2.208	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	20609	2.093	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	37290	1.994	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	29009	1.124	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	112334	2.382	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	132744	2.303	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	8613	1.071	ng/ul	0.00
60) Fluorene-d10	15.704	176	103777	2.470	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	7582	1.138	ng/ul	0.00
73) Anthracene-d10	17.556	188	154079	2.650	ng/ul	0.00
81) Pyrene-d10	19.833	212	147839	2.708	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	134325	2.579	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	177960	2.779	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	134207	3.231	ng/ul	96
50) Acenaphthylene	14.439	152	146827	2.316	ng/ul	99
52) Acenaphthene	14.780	153	65507	1.494	ng/ul	95
61) Fluorene	15.757	166	661231	13.545	ng/ul	99
72) Phenanthrene	17.498	178	2053561	30.186	ng/ul	100
74) Anthracene	17.598	178	12381867	179.095	ng/ul	97
80) Fluoranthene	19.503	202	2831818	43.956	ng/ul	99
82) Pyrene	19.868	202	3364598	50.182	ng/ul	99
85) Benzo(a)anthracene	21.609	228	888463	14.522	ng/ul	99
87) Chrysene	21.662	228	1245964	21.706	ng/ul	98
90) Benzo(b)fluoranthene	23.350	252	1633926	25.276	ng/ul	99
91) Benzo(k)fluoranthene	23.391	252	482564m	7.703	ng/ul	
93) Benzo(a)pyrene	23.997	252	700224	12.318	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	460419	6.289	ng/ul	97
95) Dibenzo(a,h)anthracene	26.703	278	121417	1.967	ng/ul#	85
96) Benzo(g,h,i)perylene	27.503	276	358922	6.140	ng/ul	98

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

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