Quantitation Report (Qedit)

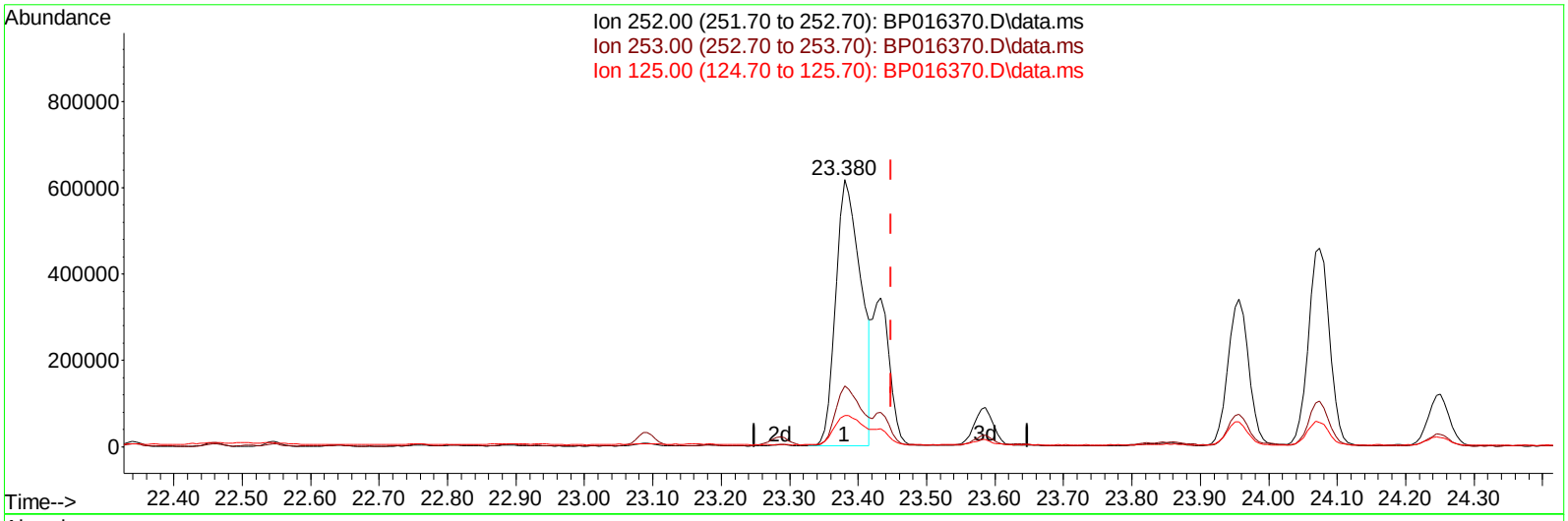
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016370.D
Acq On : 26 Jul 2023 04:58
Operator : MA/JU
Sample : 03534-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

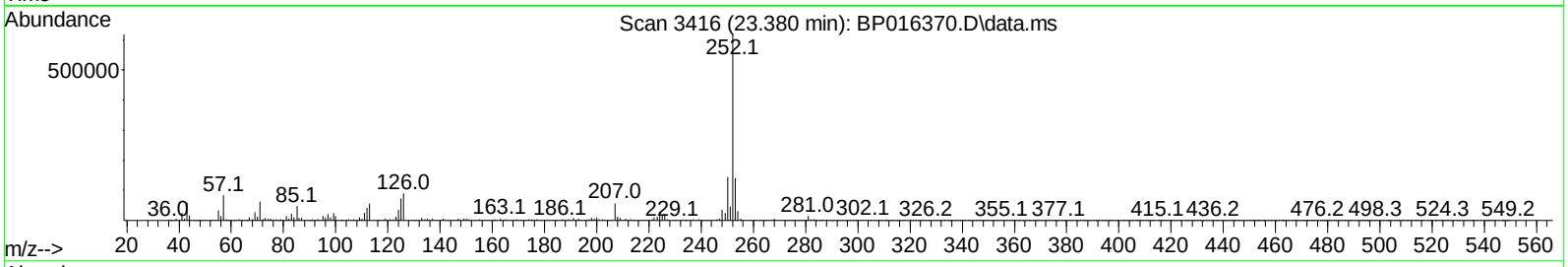
Quant Time: Jul 26 06:04:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

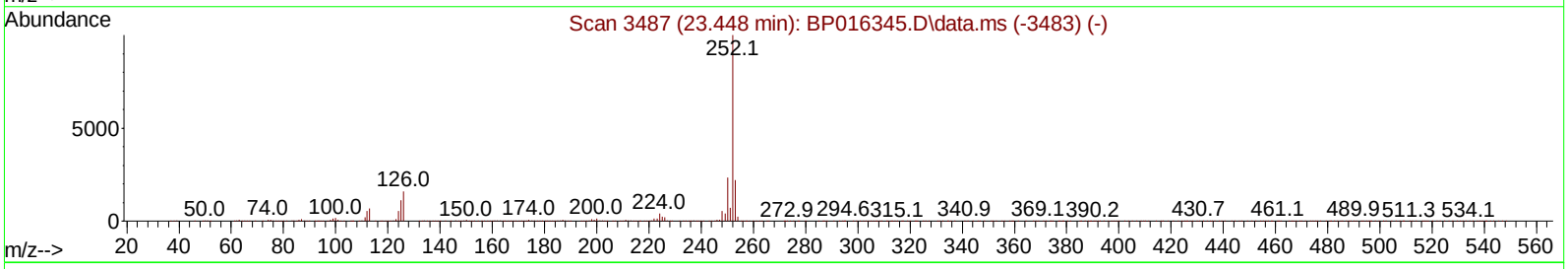
Instrument :
BNA_P
ClientSampleId :
A4736

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023







TIC: BP016370.D\data.ms

(91) Benzo(k)fluoranthene

23.380min (-0.068) 16.19 ng/ul

response 1578220

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.82
125.00	11.30	11.78
0.00	0.00	0.00

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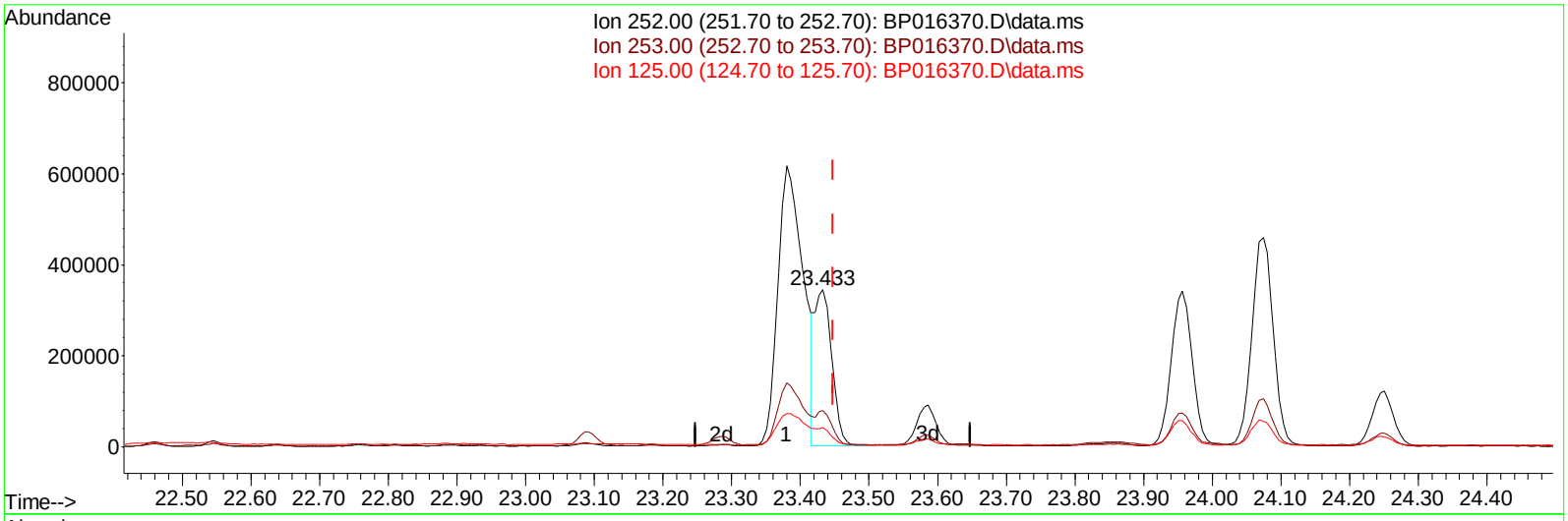

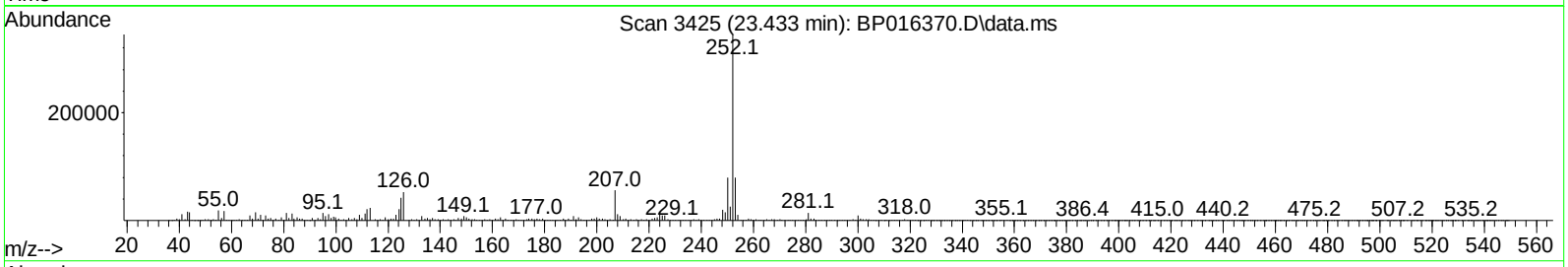

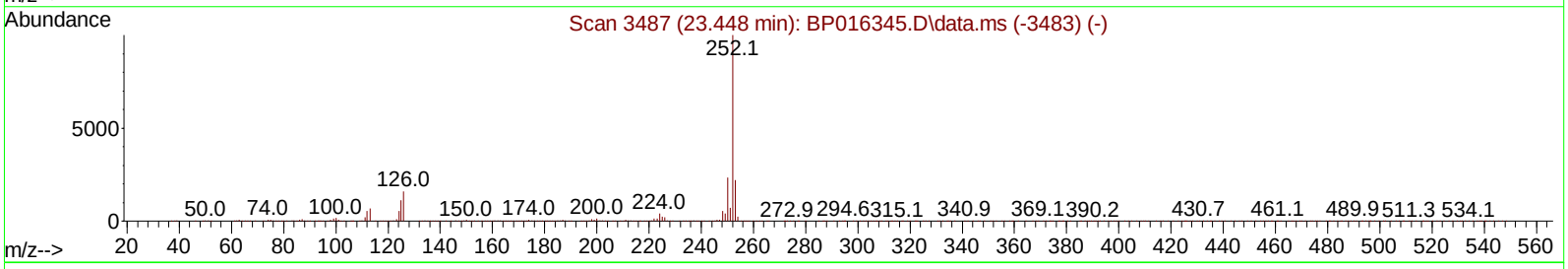

TIC: BP016370.D\data.ms

(91) Benzo(k)fluoranthene

23.433min (-0.015) 6.14 ng/ul m

response 598798

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.21
125.00	11.30	12.26
0.00	0.00	0.00

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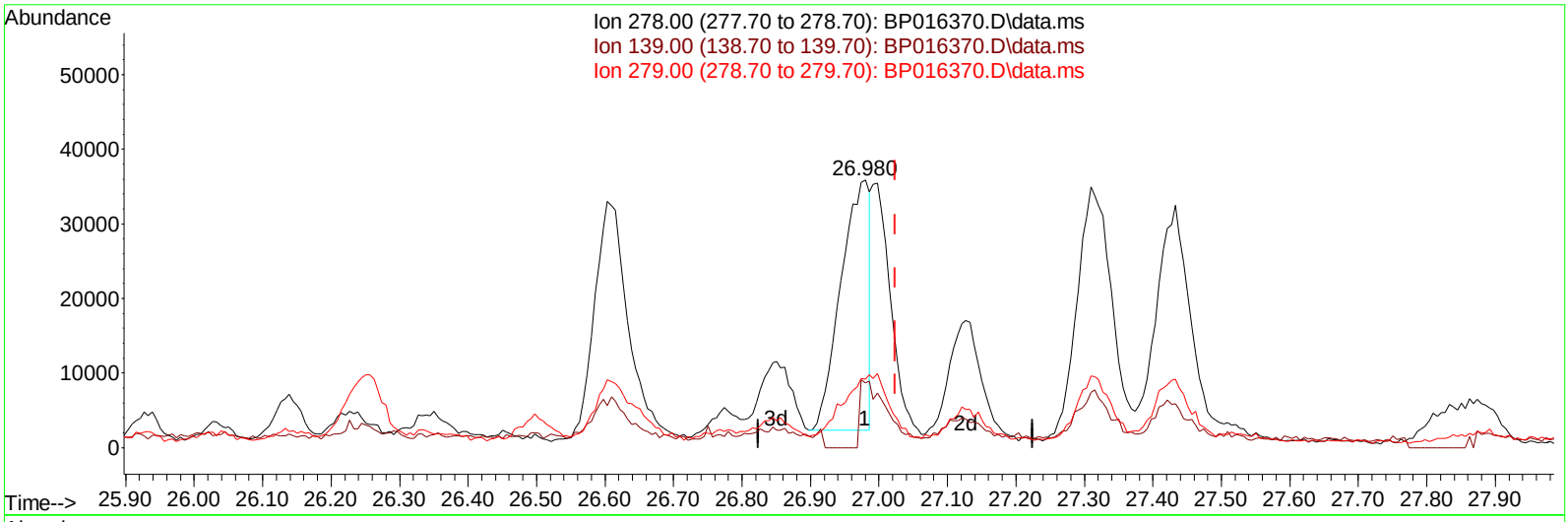

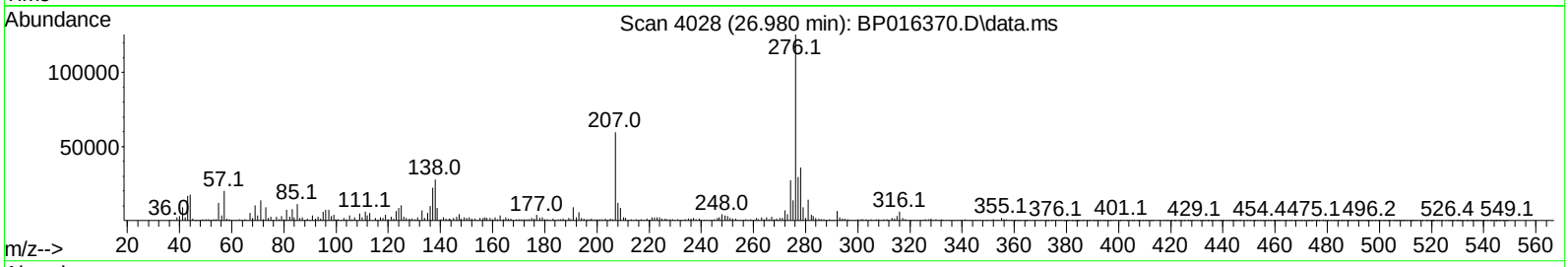

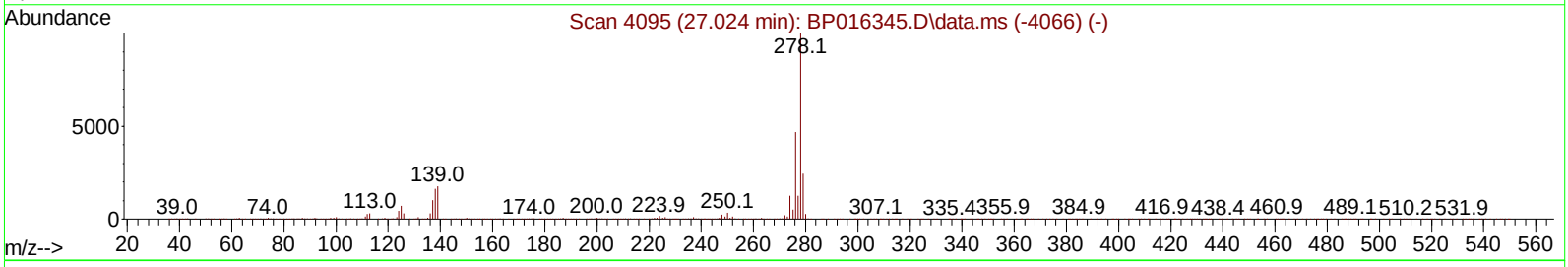

TIC: BP016370.D\data.ms

(95) Dibenzo(a,h)anthracene

26.980min (-0.044) 1.11 ng/ul

response 97539

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.70	24.19#
279.00	24.30	25.50
0.00	0.00	0.00

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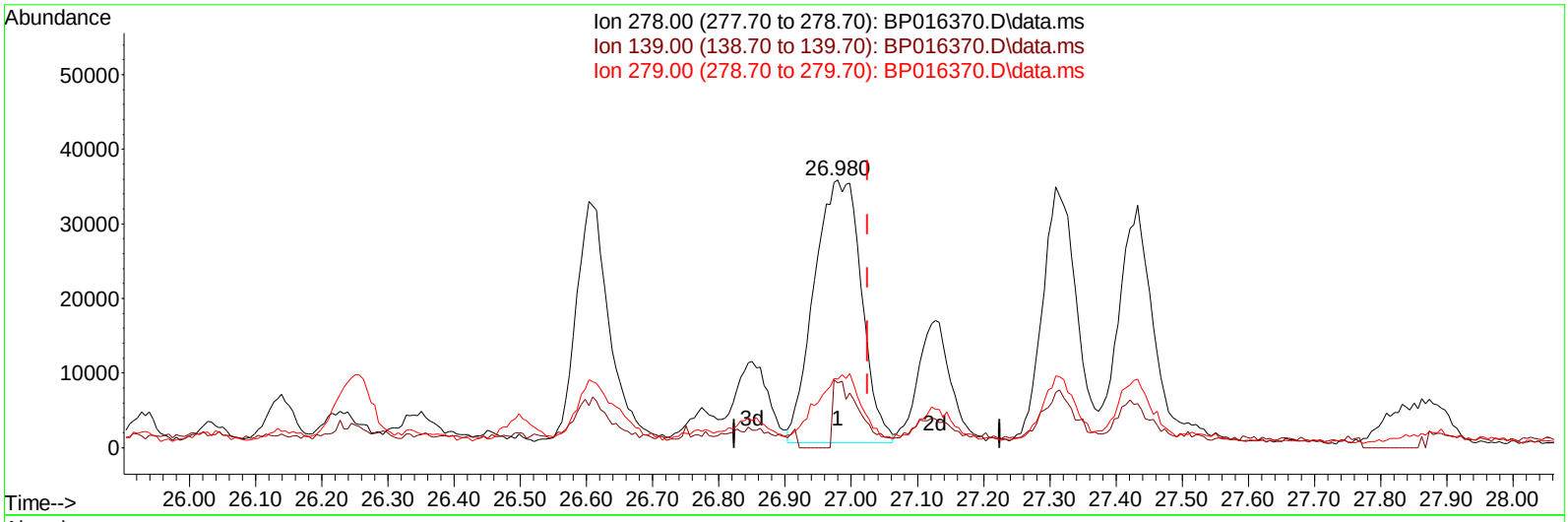

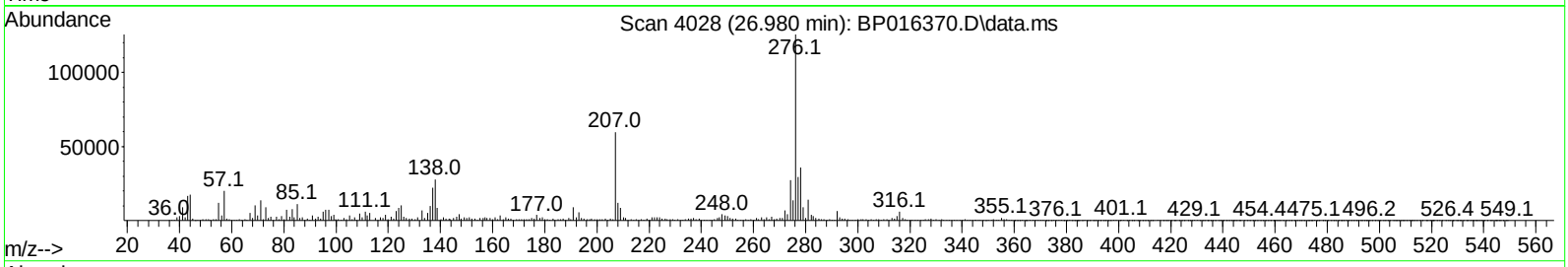

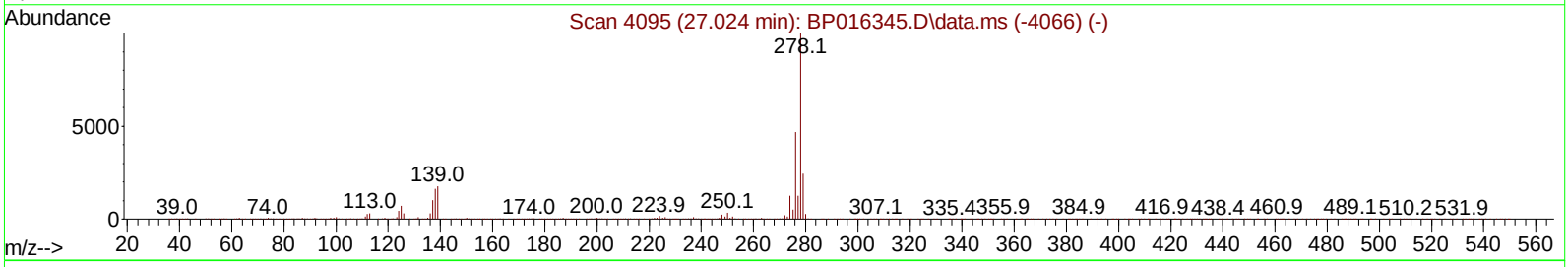

TIC: BP016370.D\data.ms

(95) Dibenzo(a,h)anthracene

26.980min (-0.044) 1.98 ng/ul m

response 174331

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.70	24.19#
279.00	24.30	25.50
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	8.098	152	433496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	1865050	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	1122941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	2364627	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1777768	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1635164	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38484	3.500	ng/uL	0.00
4) Pyridine-d5	3.858	84	556650	17.845	ng/ul	0.00
7) Phenol-d5	7.222	99	788964	21.749	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	442855	20.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	596895	21.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	467982	16.041	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	273727	23.834	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	243068	25.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	562876	21.440	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	37196	0.911	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	1731186	21.065	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	1948731	20.071	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	221862	16.111	ng/ul	0.00
60) Fluorene-d10	15.727	176	1503031	21.497	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	44618	5.729	ng/ul	0.00
73) Anthracene-d10	17.604	188	1953201	18.647	ng/ul	0.00
81) Pyrene-d10	19.827	212	2403185	23.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1540930	19.532	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	7.251	94	46424	1.231	ng/ul	95
16) Acetophenone	8.940	105	82103	1.783	ng/ul	97
47) Dimethylphthalate	14.192	163	198317	2.393	ng/ul	99
52) Acenaphthene	14.798	153	330842	4.638	ng/ul	97
56) Dibenzofuran	15.133	168	279475	2.862	ng/ul	98
61) Fluorene	15.786	166	430228	5.425	ng/ul	97
72) Phenanthrene	17.545	178	5257022	42.724	ng/ul	100
74) Anthracene	17.633	178	1225217	9.775	ng/ul	99
77) Carbazole	17.910	167	564506	5.232	ng/ul	100
80) Fluoranthene	19.498	202	5496971	45.429	ng/ul	99
82) Pyrene	19.857	202	4444855	35.556	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1918629	15.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	100695	1.395	ng/ul#	97
87) Chrysene	21.627	228	1644749	14.750	ng/ul	97
90) Benzo(b)fluoranthene	23.380	252	1578220	16.117	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	598798m	6.145	ng/ul	
93) Benzo(a)pyrene	24.074	252	987306	10.705	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.962	276	614407	5.769	ng/ul	99
95) Dibenzo(a,h)anthracene	26.980	278	174331m	1.979	ng/ul	
96) Benzo(g,h,i)perylene	27.827	276	513155	6.086	ng/ul	99

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

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