Quantitation Report (Qedit)

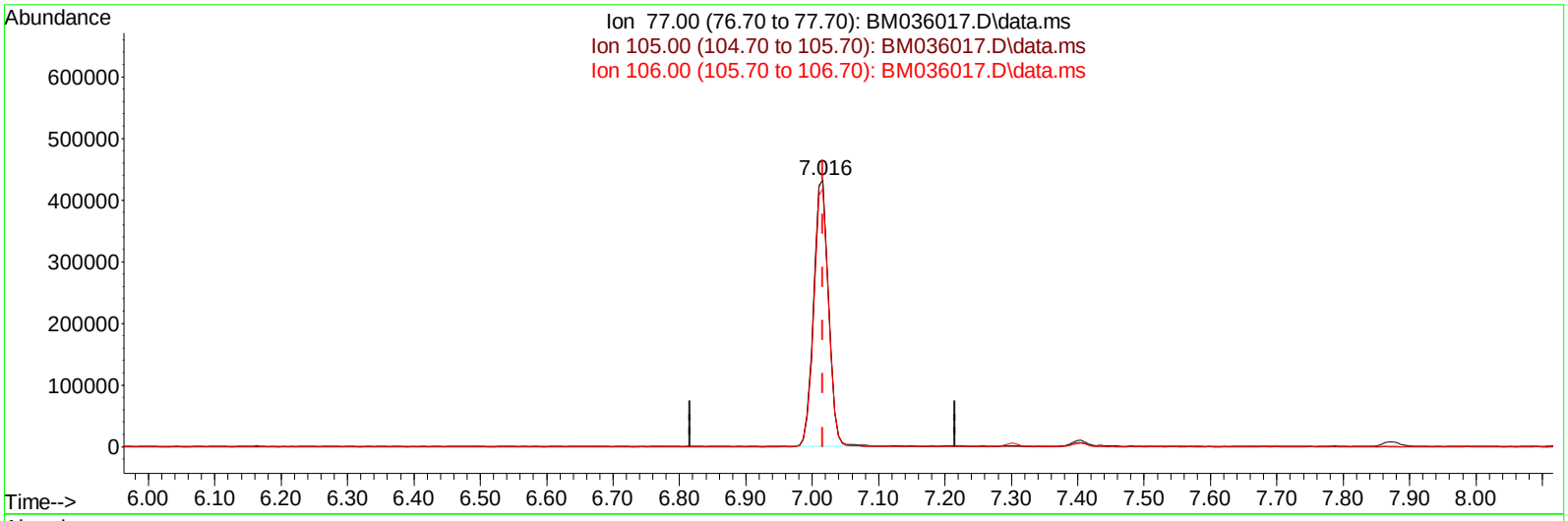
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
Data File : BM036017.D
Acq On : 30 Jul 2022 06:37
Operator : CG/JU
Sample : N3792-12MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

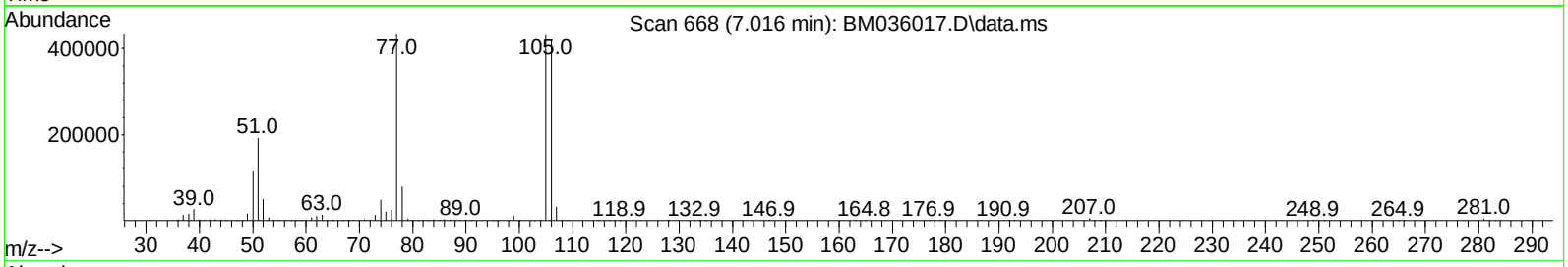
Quant Time: Aug 01 00:45:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 00:20:59 2022
Response via : Initial Calibration

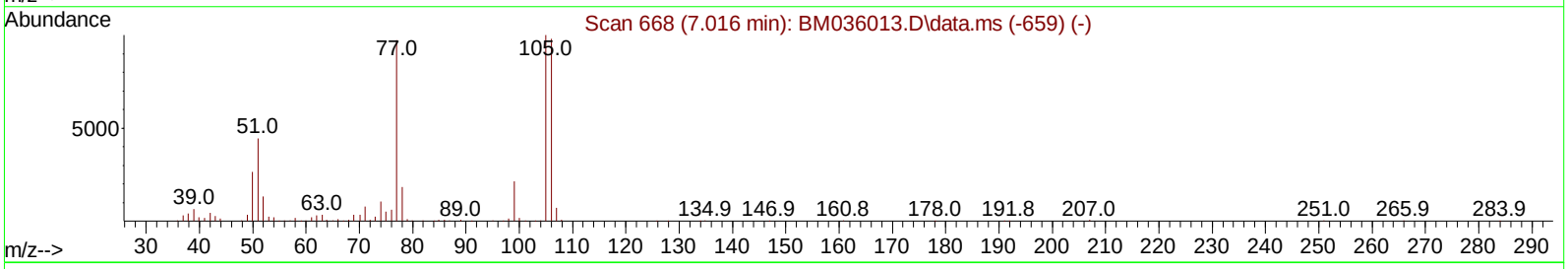
Instrument :
BNA_M
ClientSampleId :
DBUN5MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/01/2022







TIC: BM036017.D\data.ms

(6) Benzaldehyde

7.016min (+ 0.000) 52.03 ng/ul

response 676947

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	105.80	99.60
106.00	100.40	96.61
0.00	0.00	0.00

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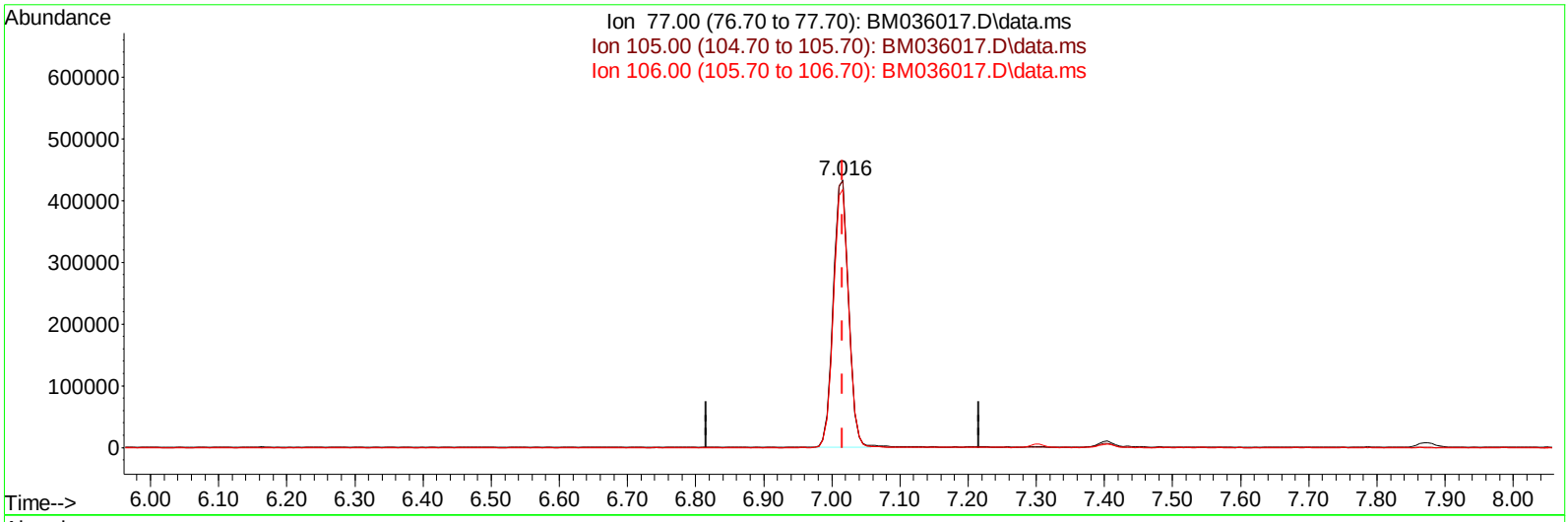

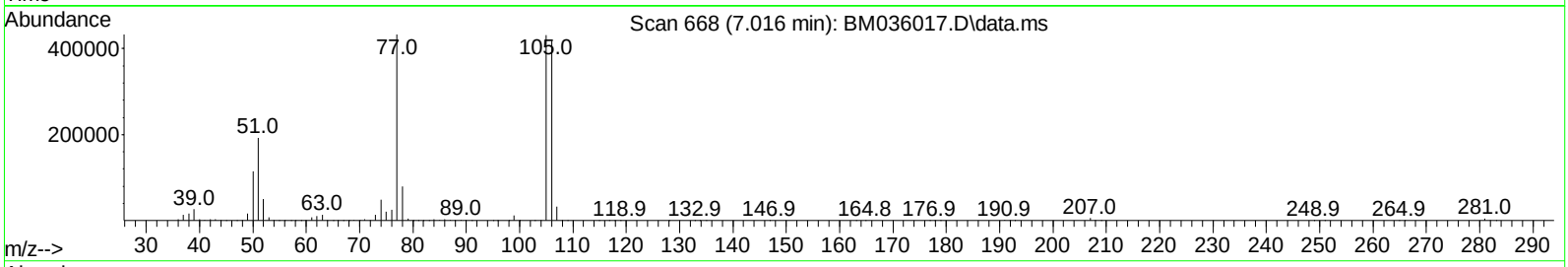

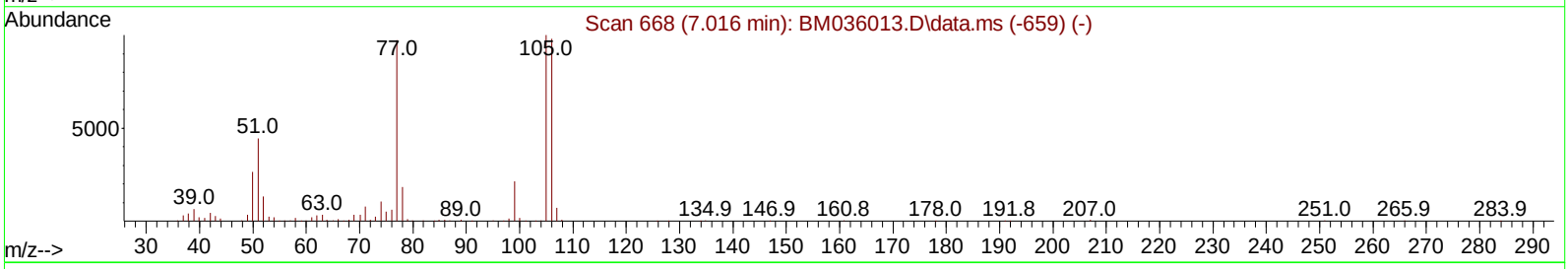

TIC: BM036017.D\data.ms

(6) Benzaldehyde

7.016min (+ 0.000) 51.78 ng/ul m

response 673750

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	105.80	99.60
106.00	100.40	96.61
0.00	0.00	0.00

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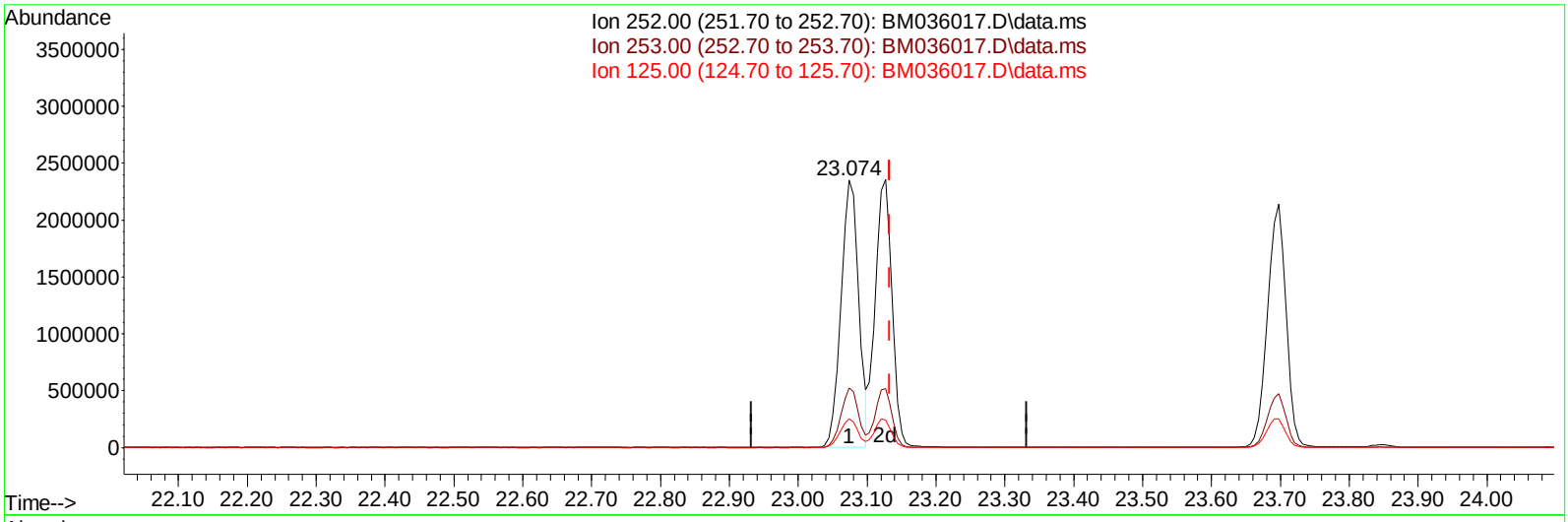

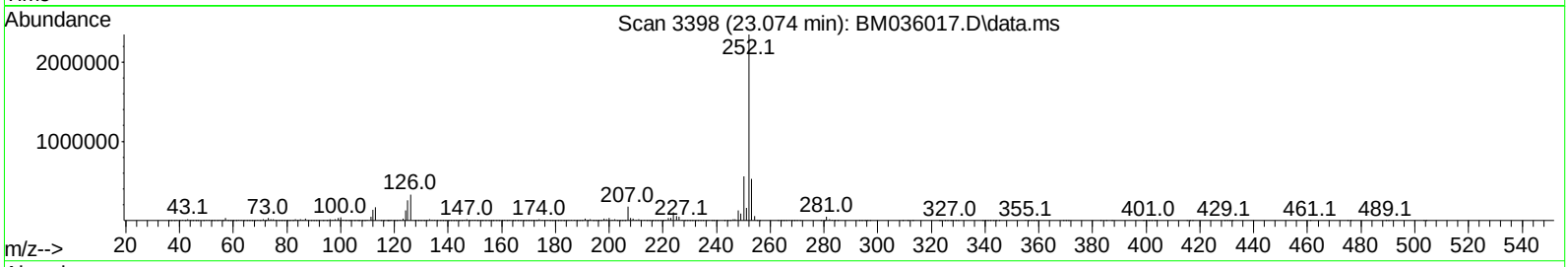

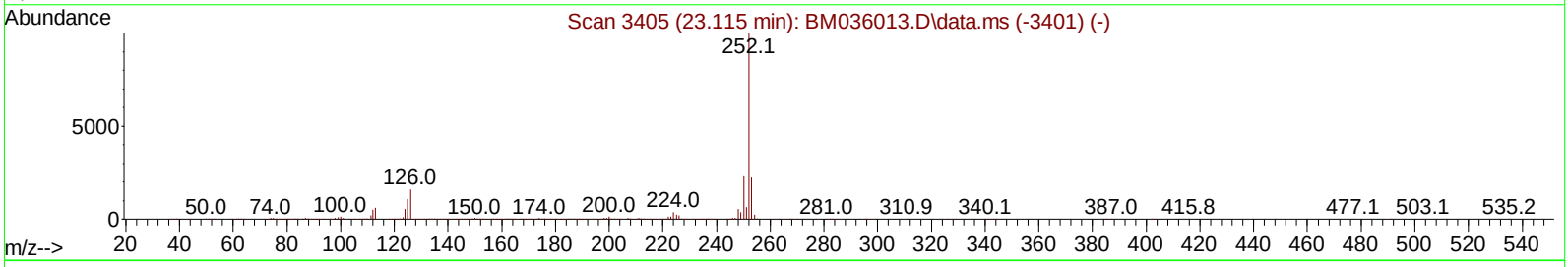

TIC: BM036017.D\data.ms

(91) Benzo(k)fluoranthene

23.074min (-0.059) 39.87 ng/ul

response 4186134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.36
125.00	13.20	10.81
0.00	0.00	0.00

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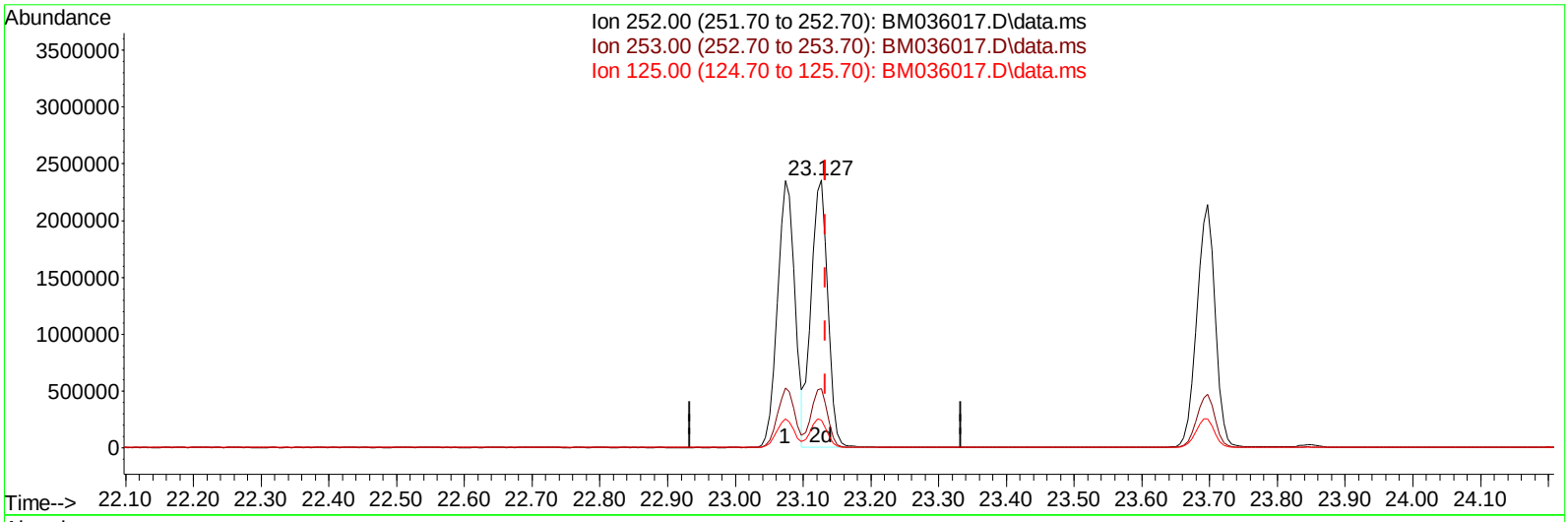

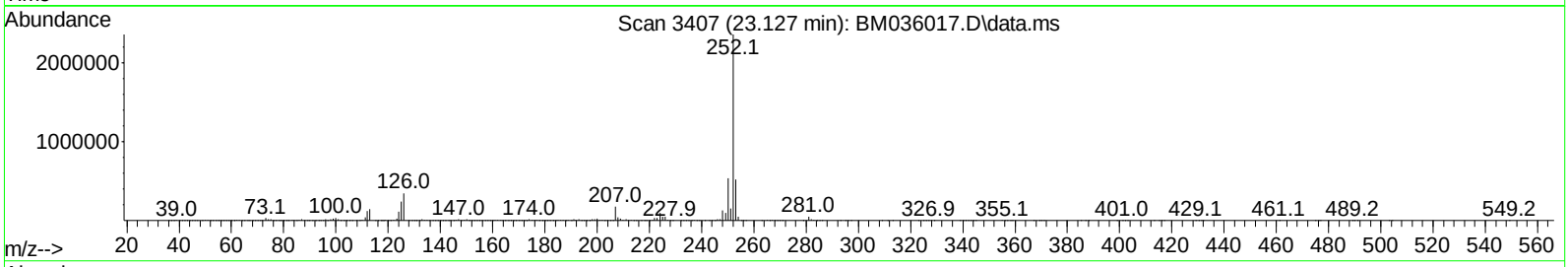

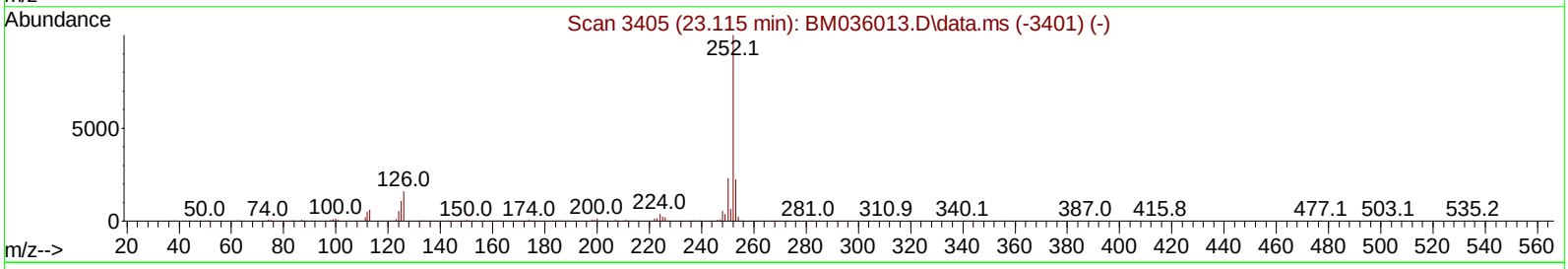

TIC: BM036017.D\data.ms

(91) Benzo(k)fluoranthene

23.127min (-0.006) 38.07 ng/ul m

response 3996745

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.04
125.00	13.20	10.27#
0.00	0.00	0.00

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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	7.875	152	369664	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1515267	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	830088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1631474	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1602947	20.000	ng/ul	0.00
88) Perylene-d12	23.797	264	1657710	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	43753	4.454	ng/uL	0.00
4) Pyridine-d5	3.693	84	202421	7.521	ng/ul	0.00
7) Phenol-d5	7.040	99	191932	6.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	597376	28.907	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	603619	23.458	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	344218	13.706	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	383275	31.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	368396	31.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	623254	29.458	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	766026	21.387	ng/ul	0.00
46) Dimethylphthalate-d6	13.927	166	2082926	36.837	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	2545996	35.290	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	78303	6.744	ng/ul	0.00
60) Fluorene-d10	15.498	176	1815029	35.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	303653	34.625	ng/ul	0.00
73) Anthracene-d10	17.351	188	2860024	38.775	ng/ul	0.00
81) Pyrene-d10	19.639	212	3344906	37.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	3358882	39.911	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	44422	4.363	ng/uL	92
5) Pyridine	3.716	79	224998	7.967	ng/ul	90
6) Benzaldehyde	7.016	77	673750m	51.784	ng/ul	
8) Phenol	7.063	94	213031	6.280	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.298	93	791683	29.027	ng/ul	96
12) 2-Chlorophenol	7.434	128	610627	23.133	ng/ul	99
13) 2-Methylphenol	8.322	108	424541	16.751	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.404	45	997029	27.695	ng/ul	98
16) Acetophenone	8.704	105	1153198	28.601	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.692	70	579243	28.808	ng/ul	92
18) 4-Methylphenol	8.651	108	384076	14.127	ng/ul	100
19) Hexachloroethane	8.951	117	249236	22.885	ng/ul	91
22) Nitrobenzene	9.081	77	850897	30.968	ng/ul	99
23) Isophorone	9.610	82	1549196	29.868	ng/ul	98
25) 2-Nitrophenol	9.792	139	400216	30.838	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	599170	22.594	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.098	93	1001960	30.630	ng/ul	99
29) 2,4-Dichlorophenol	10.328	162	618934	28.185	ng/ul	98
30) Naphthalene	10.728	128	2245200	28.072	ng/ul	99
32) 4-Chloroaniline	10.845	127	763704	21.464	ng/ul	98
33) Hexachlorobutadiene	11.010	225	348053	25.674	ng/ul	98
34) Caprolactam	11.633	113	28309	3.901	ng/ul	88
35) 4-Chloro-3-methylphenol	11.963	107	577872	25.307	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.339	142	1512323	28.901	ng/ul	100
37) 1-Methylnaphthalene	12.557	142	1540552	29.208	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	727018	30.768	ng/ul	100
40) Hexachlorocyclopentadiene	12.680	237	311178	19.773	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	511992	33.859	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	547165	33.912	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	2054059	32.149	ng/ul	100
44) 2-Chloronaphthalene	13.392	162	1561975	31.855	ng/ul	98
45) 2-Nitroaniline	13.598	65	473225	35.007	ng/ul	100
47) Dimethylphthalate	13.974	163	2056825	36.164	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	423949	37.544	ng/ul	95
50) Acenaphthylene	14.233	152	2641494	33.099	ng/ul	100
51) 3-Nitroaniline	14.421	138	421811	33.801	ng/ul	98
52) Acenaphthene	14.574	153	1711006	33.047	ng/ul	98
53) 2,4-Dinitrophenol	14.627	184	196012	30.573	ng/ul	98
55) 4-Nitrophenol	14.727	109	60526	6.816	ng/ul	84
56) Dibenzofuran	14.910	168	2445505	34.137	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	607896	38.191	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.133	232	467272	36.860	ng/ul#	95
59) Diethylphthalate	15.333	149	2150353	37.378	ng/ul	100
61) Fluorene	15.557	166	2032781	34.737	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	963016	34.346	ng/ul	98
63) 4-Nitroaniline	15.580	138	472068	41.089	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.639	198	299937	34.180	ng/ul#	99
67) N-Nitrosodiphenylamine	15.768	169	1666860	34.753	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	595405	37.226	ng/ul	99
69) Hexachlorobenzene	16.551	284	728013	37.357	ng/ul	98
70) Atrazine	16.721	200	595341	35.786	ng/ul	100
71) Pentachlorophenol	16.898	266	425920	35.775	ng/ul	98
72) Phenanthrene	17.292	178	3274090	37.443	ng/ul	98
74) Anthracene	17.386	178	3312169	37.749	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	754023	29.720	ng/uL	98
76) Pentachlorobenzene	14.827	250	797151	34.662	ng/uL	99
77) Carbazole	17.657	167	3122956	38.536	ng/ul	99
78) Di-n-butylphthalate	18.221	149	3836145	41.955	ng/ul	99
80) Fluoranthene	19.304	202	3897886	36.723	ng/ul	99
82) Pyrene	19.668	202	4006937	36.625	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1675695	42.113	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	1102166	37.261	ng/ul	99
85) Benzo(a)anthracene	21.415	228	3956455	39.215	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.350	149	2514999	43.743	ng/ul	99
87) Chrysene	21.468	228	3860544	39.217	ng/ul	98
89) Di-n-octyl phthalate	22.262	149	4193432	39.172	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	4186134	37.838	ng/ul	97
91) Benzo(k)fluoranthene	23.127	252	3996745m	38.070	ng/ul	
93) Benzo(a)pyrene	23.697	252	4034594	38.288	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.262	276	4758270	42.363	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.280	278	4094829	42.493	ng/ul	95
96) Benzo(g,h,i)perylene	27.021	276	4045853	43.467	ng/ul	96

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

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