Quantitation Report (Qedit)

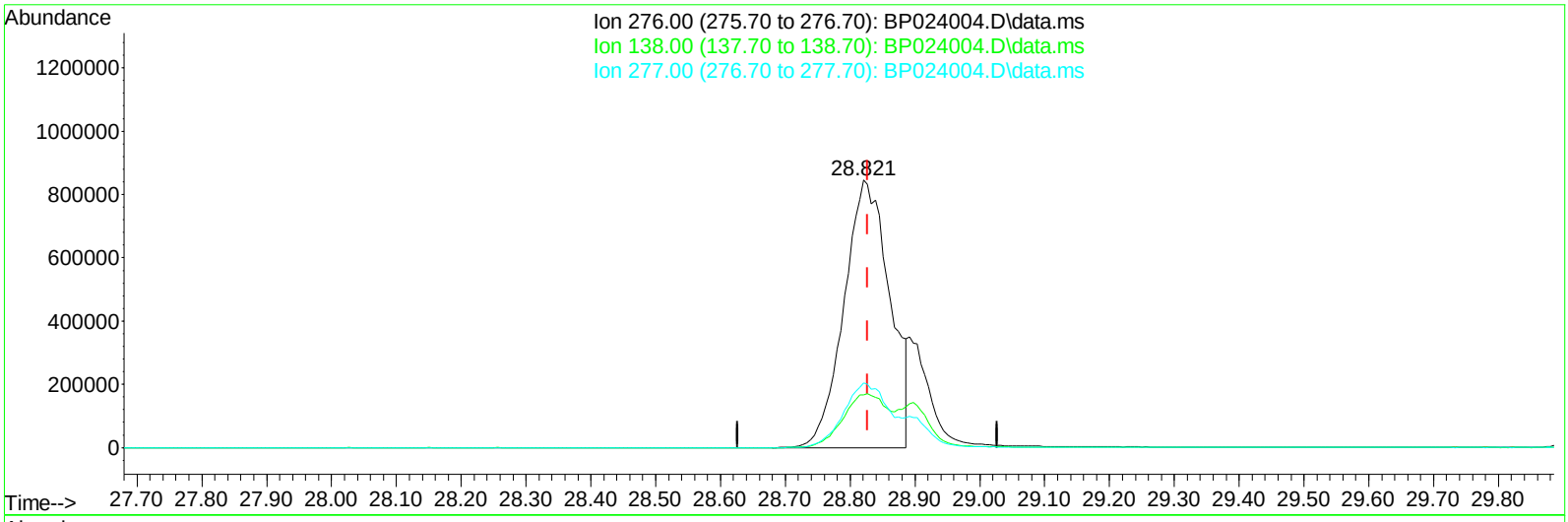
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020725\
Data File : BP024004.D
Acq On : 07 Feb 2025 15:50
Operator : RC/JU
Sample : PB166554BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

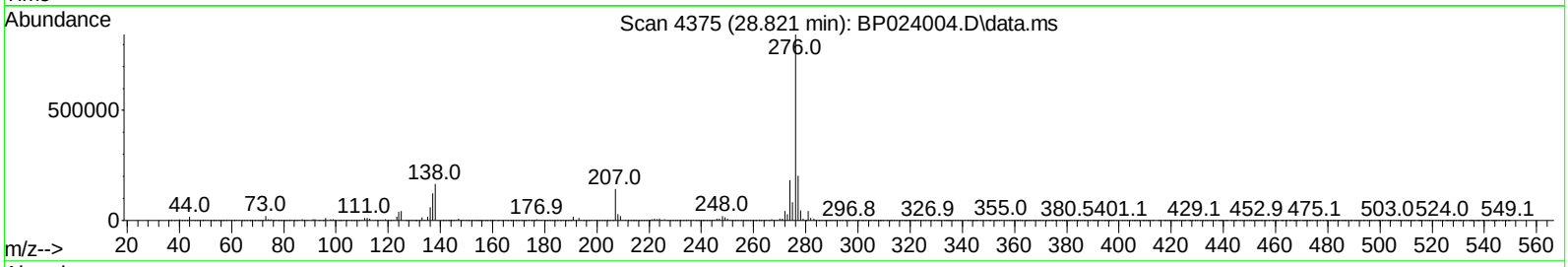
Quant Time: Feb 12 13:16:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

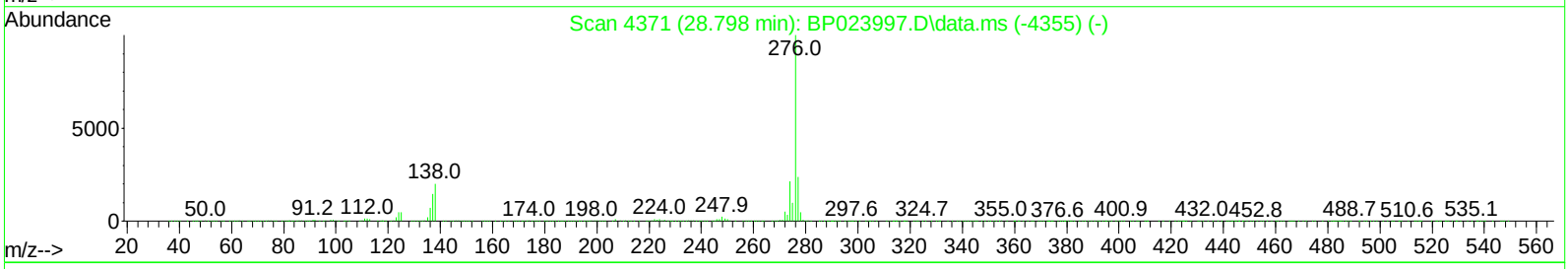
Instrument :
BNA_P
ClientSampleId :
SLCS554

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025







TIC: BP024004.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.821min (-0.006) 25.87 ng/ul

response 4125590

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.78
277.00	23.70	24.16
0.00	0.00	0.00

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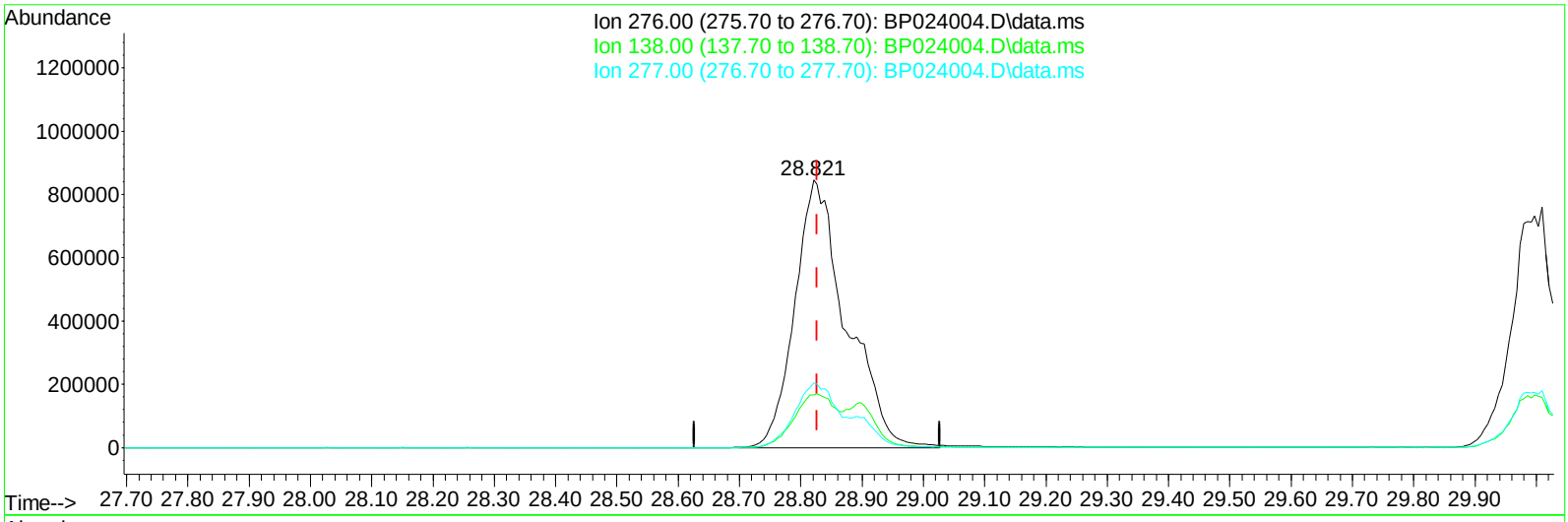

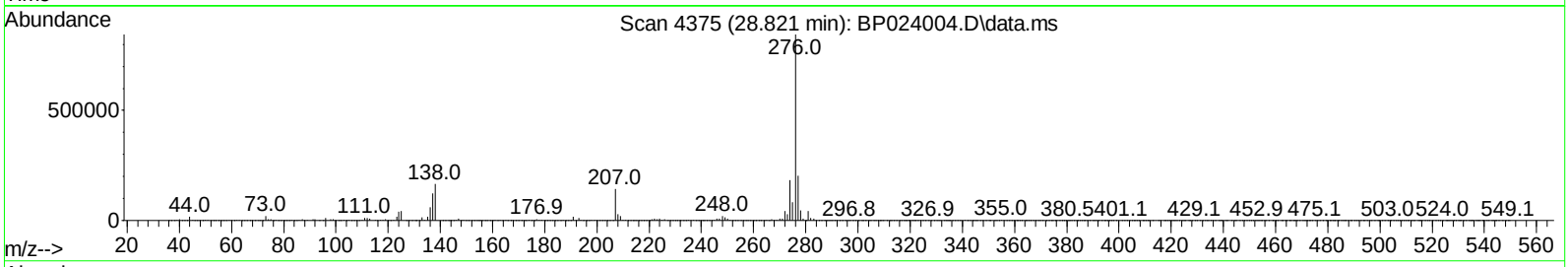

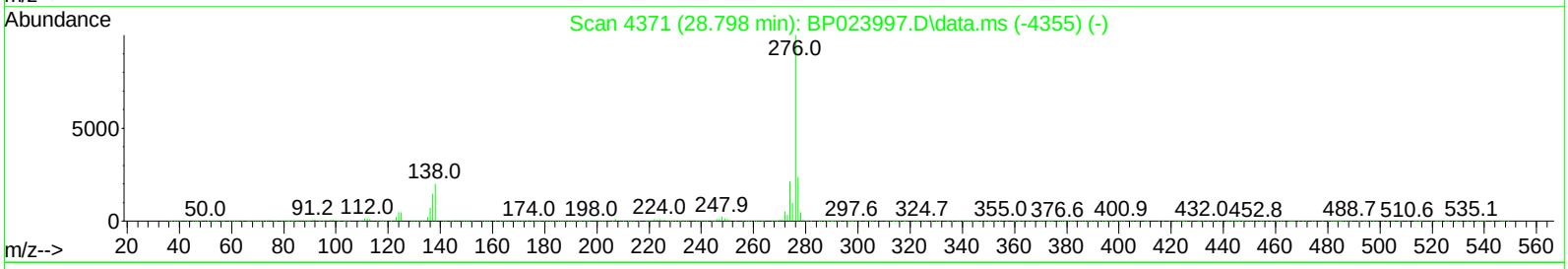

TIC: BP024004.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.821min (-0.006) 30.96 ng/ul m

response 4936584

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.78
277.00	23.70	24.16
0.00	0.00	0.00

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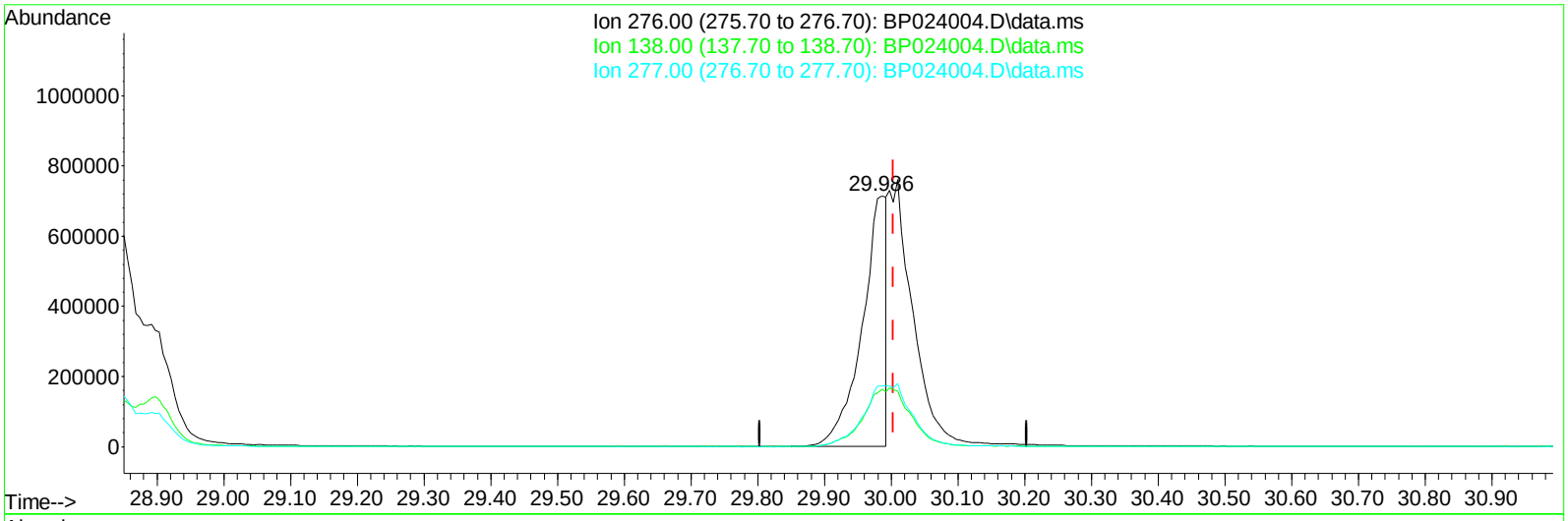

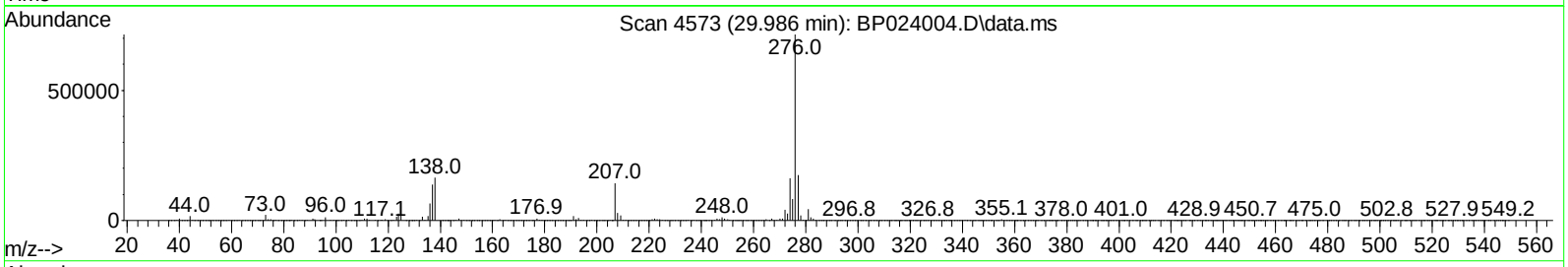

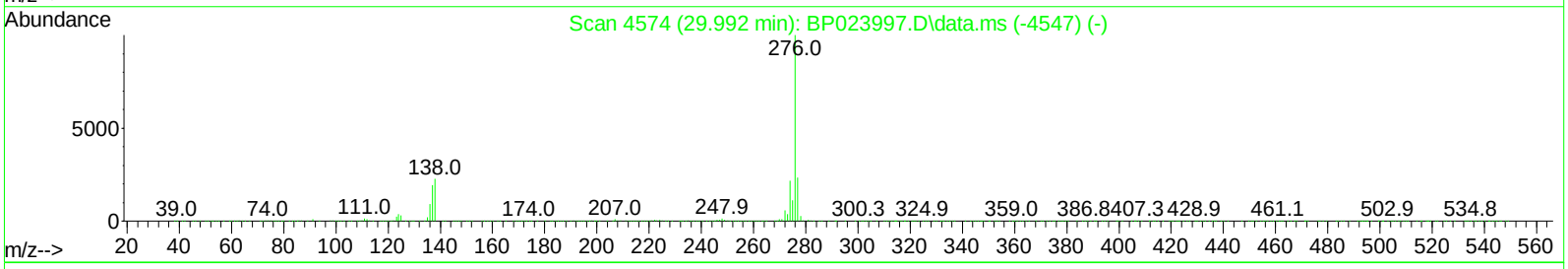

TIC: BP024004.D\data.ms

(96) Benzo(g,h,i)perylene

29.986min (-0.018) 14.75 ng/ul

response 1801774

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	22.95
277.00	23.80	24.32
0.00	0.00	0.00

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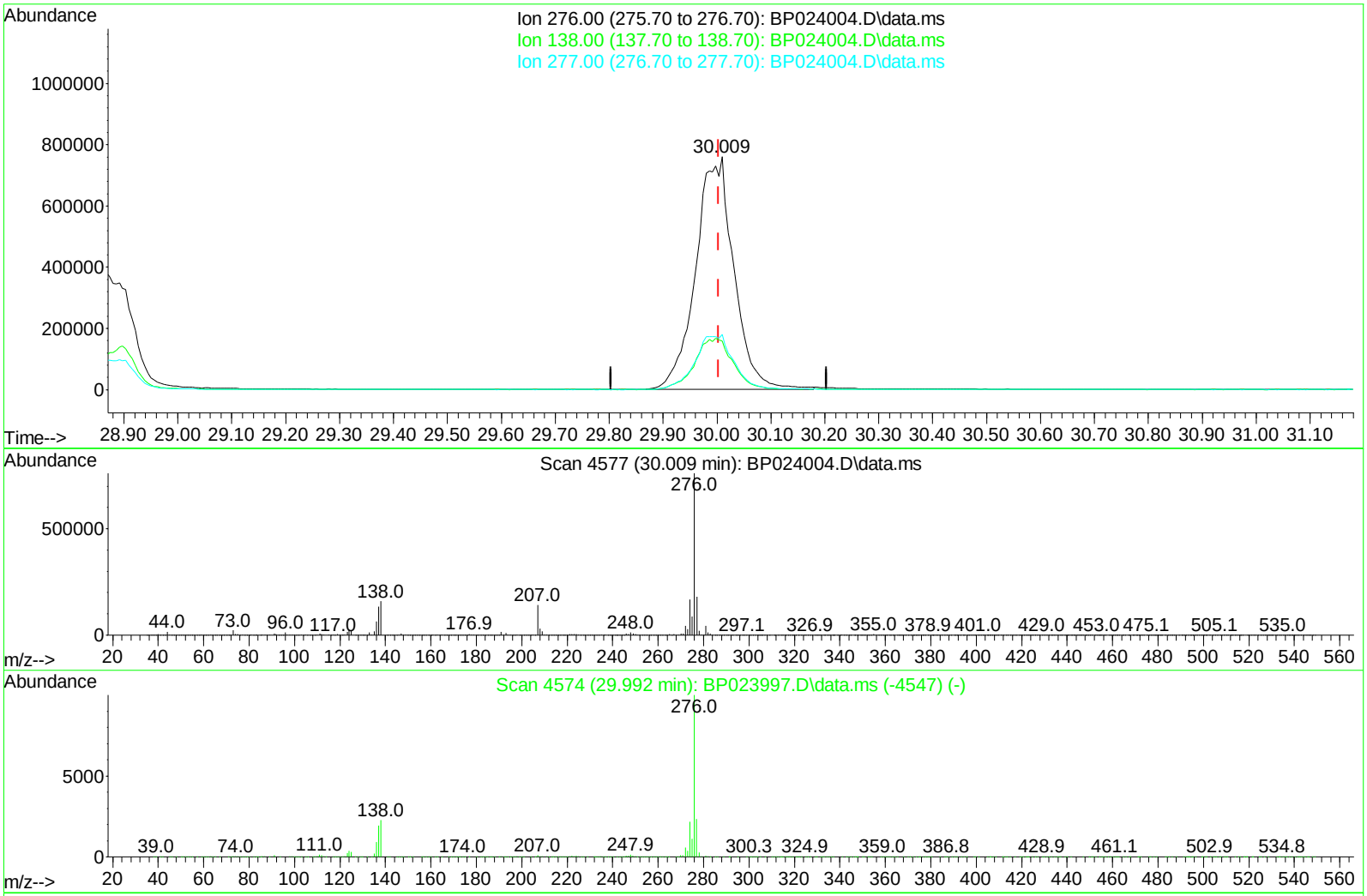

TIC: BP024004.D\data.ms

(96) Benzo(g,h,i)perylene

30.009min (+ 0.006) 30.55 ng/ul m

response 3731436

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	20.95
277.00	23.80	23.82
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	7.763	152	413394	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.540	136	1785392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	1116493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	2231483	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2287181	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	2171170	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	61994	6.231	ng/uL	0.00
4) Pyridine-d5	3.699	84	922230	32.122	ng/ul	0.00
7) Phenol-d5	6.952	99	1230334	33.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	624426	32.246	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	963673	33.544	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	945988	31.654	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	451595	31.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	474903	30.812	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	917078	32.434	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1075620	25.437	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2516270	30.215	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	2995901	31.896	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	493868	29.861	ng/ul	0.00
60) Fluorene-d10	15.398	176	2244344	32.002	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	380161	27.615	ng/ul	0.00
73) Anthracene-d10	17.286	188	3479350	31.756	ng/ul	0.00
81) Pyrene-d10	19.663	212	3961348	32.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	3803609	33.577	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	126774	12.116	ng/uL	99
5) Pyridine	3.716	79	927631	32.273	ng/ul	99
6) Benzaldehyde	6.916	77	161892	9.016	ng/ul	97
8) Phenol	6.975	94	1269637	33.798	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	896868	31.364	ng/ul	99
12) 2-Chlorophenol	7.340	128	991418	33.497	ng/ul	98
13) 2-Methylphenol	8.210	108	900943	31.875	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	926793	31.414	ng/ul	99
16) Acetophenone	8.575	105	1448044	31.696	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.563	70	675629	31.405	ng/ul	99
18) 4-Methylphenol	8.534	108	1016794	32.423	ng/ul	96
19) Hexachloroethane	8.834	117	365469	31.228	ng/ul	95
22) Nitrobenzene	8.951	77	1022459	32.983	ng/ul	97
23) Isophorone	9.475	82	1869419	29.867	ng/ul	98
25) 2-Nitrophenol	9.657	139	522682	31.090	ng/ul	96
26) 2,4-Dimethylphenol	9.722	107	858901	27.603	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.951	93	1185853	30.416	ng/ul	100
29) 2,4-Dichlorophenol	10.193	162	920551	32.104	ng/ul	100
30) Naphthalene	10.587	128	3012290	31.520	ng/ul	100
32) 4-Chloroaniline	10.693	127	757856	18.991	ng/ul	99
33) Hexachlorobutadiene	10.875	225	519250	29.913	ng/ul	99
34) Caprolactam	11.475	113	284530	25.614	ng/ul	96
35) 4-Chloro-3-methylphenol	11.828	107	959226	31.120	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.198	142	2034661	30.280	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	2036153	30.545	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.569	216	1053931	31.931	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	344748	18.536	ng/ul	100
41) 2,4,6-Trichlorophenol	12.810	196	655497	29.731	ng/ul	99
42) 2,4,5-Trichlorophenol	12.892	196	742652	31.251	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	2684232	32.388	ng/ul	100
44) 2-Chloronaphthalene	13.251	162	2117884	32.797	ng/ul	99
45) 2-Nitroaniline	13.463	65	579416	34.475	ng/ul	94
47) Dimethylphthalate	13.845	163	2510965	30.303	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	515237	31.818	ng/ul	98
50) Acenaphthylene	14.110	152	3266320	32.654	ng/ul	99
51) 3-Nitroaniline	14.292	138	569568	32.005	ng/ul	96
52) Acenaphthene	14.457	153	2268477	31.987	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	209921	21.745	ng/ul	95
55) 4-Nitrophenol	14.628	109	371364	31.738	ng/ul	95
56) Dibenzofuran	14.798	168	3131478	31.866	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	762810	31.670	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.028	232	570750	28.224	ng/ul	92
59) Diethylphthalate	15.228	149	2514558	30.289	ng/ul	99
61) Fluorene	15.457	166	2683514	32.917	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	1296178	32.119	ng/ul	97
63) 4-Nitroaniline	15.475	138	666658	38.503	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.534	198	412837	27.277	ng/ul	99
67) N-Nitrosodiphenylamine	15.669	169	2143503	31.474	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	759834	30.181	ng/ul	99
69) Hexachlorobenzene	16.475	284	920569	30.178	ng/ul	96
70) Atrazine	16.639	200	278963	10.578	ng/ul	100
71) Pentachlorophenol	16.833	266	483898	25.790	ng/ul	100
72) Phenanthrene	17.228	178	4070655	32.302	ng/ul	99
74) Anthracene	17.322	178	4068471	32.014	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1010555	30.926	ng/uL	99
76) Pentachlorobenzene	14.716	250	1027745	29.186	ng/uL	99
77) Carbazole	17.604	167	3785552	34.001	ng/ul	100
78) Di-n-butylphthalate	18.192	149	4334807	31.457	ng/ul	100
80) Fluoranthene	19.322	202	4530636	32.095	ng/ul	100
82) Pyrene	19.692	202	4934137	33.425	ng/ul	96
83) Butylbenzylphthalate	20.645	149	1897468	29.848	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	1222238	24.699	ng/ul	99
85) Benzo(a)anthracene	21.616	228	4679921	31.117	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	2707280	29.188	ng/ul	99
87) Chrysene	21.686	228	4457560	32.165	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	4237342	32.557	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	4465330	33.895	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	4455574	33.736	ng/ul	99
93) Benzo(a)pyrene	24.839	252	4099925	33.325	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.821	276	4936584m	30.956	ng/ul	
95) Dibenzo(a,h)anthracene	28.903	278	4100788	31.700	ng/ul	99
96) Benzo(g,h,i)perylene	30.009	276	3731436m	30.548	ng/ul	

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

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