Quantitation Report (Qedit)

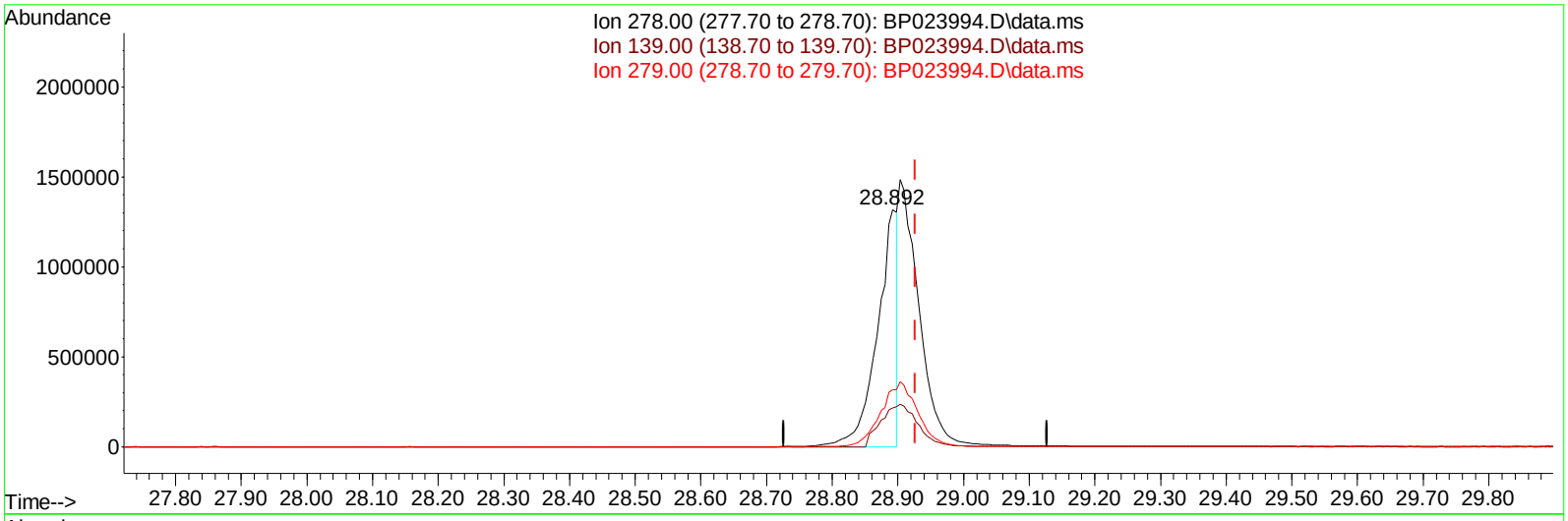
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
Data File : BP023994.D
Acq On : 07 Feb 2025 07:33
Operator : RC/JU
Sample : PB166547BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

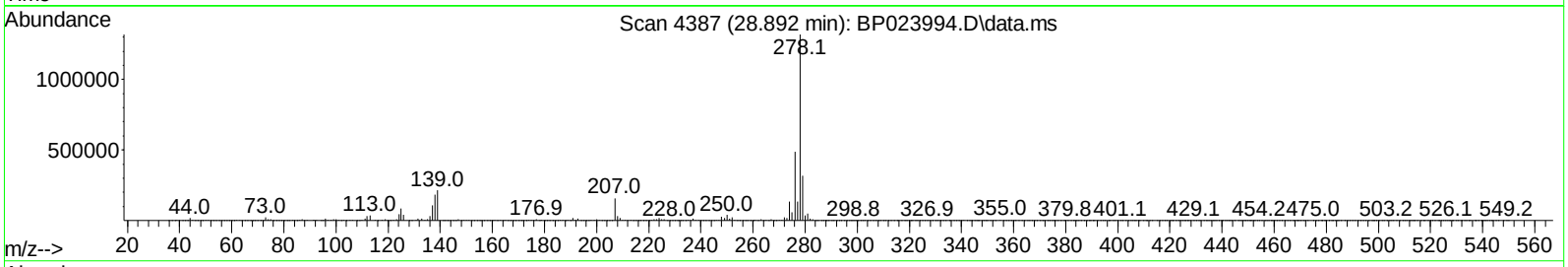
Quant Time: Feb 07 08:15:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

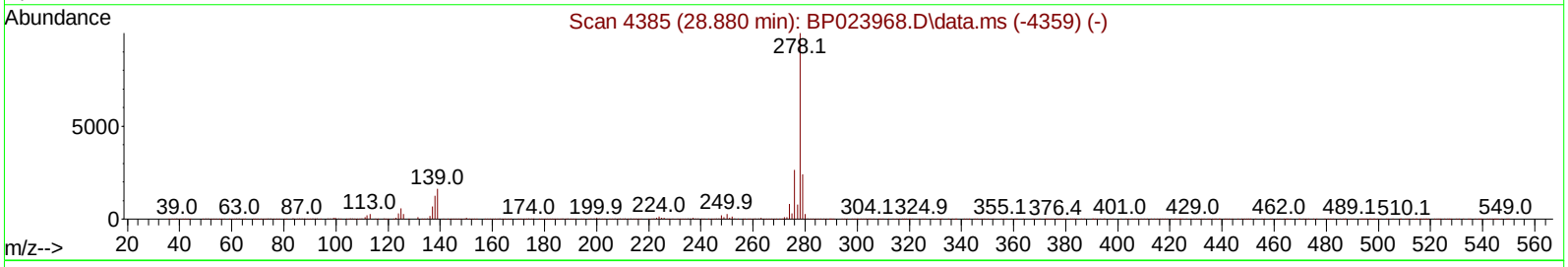
Instrument :
BNA_P
ClientSampleId :
SLCS547

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :Sohil Jodhani 02/10/2025







TIC: BP023994.D\data.ms

(95) Dibenzo(a,h)anthracene

28.892min (-0.035) 19.96 ng/ul

response 2809012

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.21
279.00	23.80	24.05
0.00	0.00	0.00

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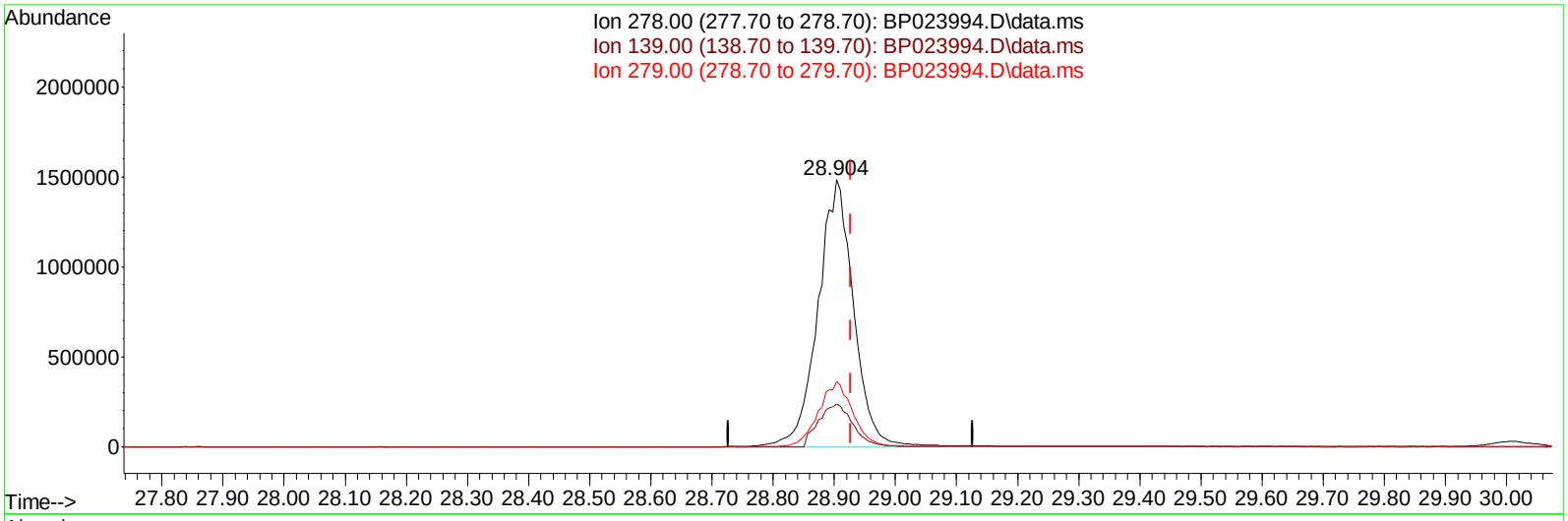

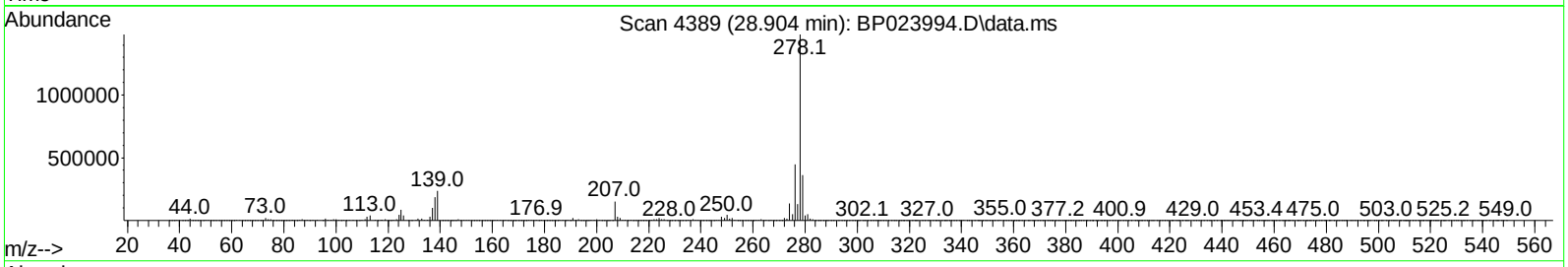

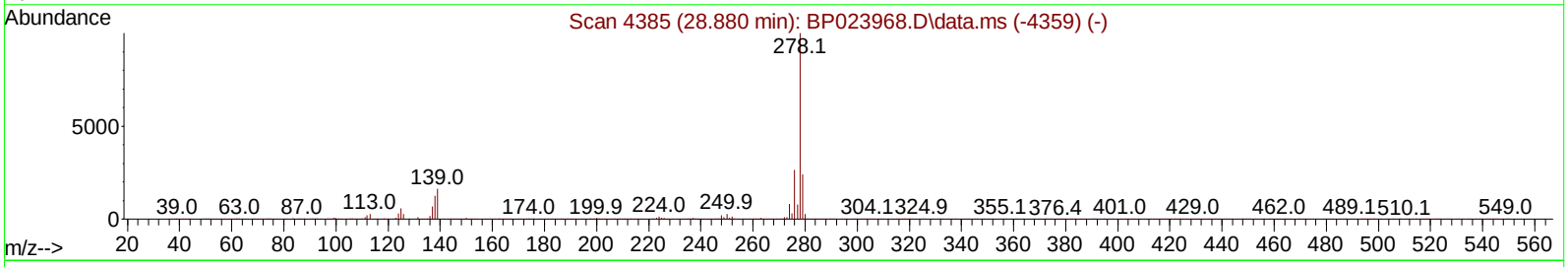

TIC: BP023994.D\data.ms

(95) Dibenzo(a,h)anthracene

28.904min (-0.023) 42.51 ng/ul m

response 5982363

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.98
279.00	23.80	24.38
0.00	0.00	0.00

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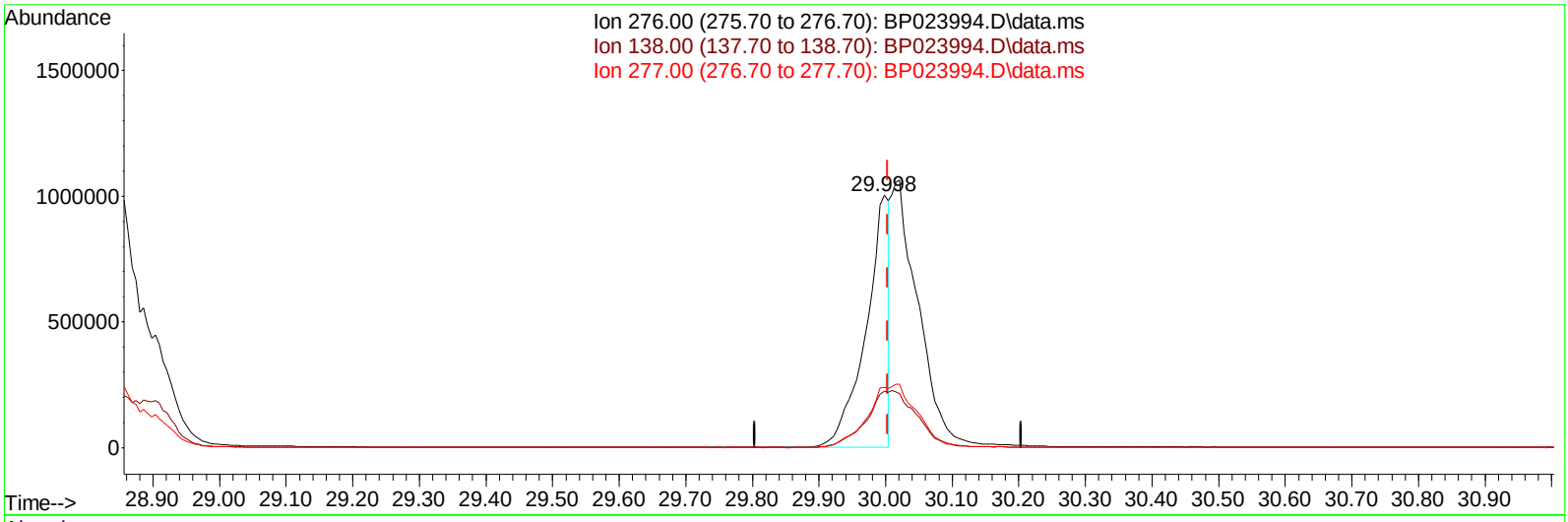

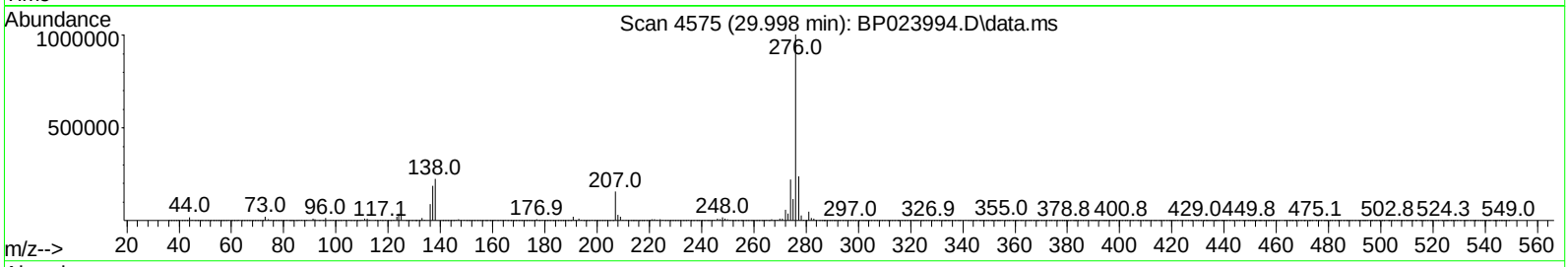

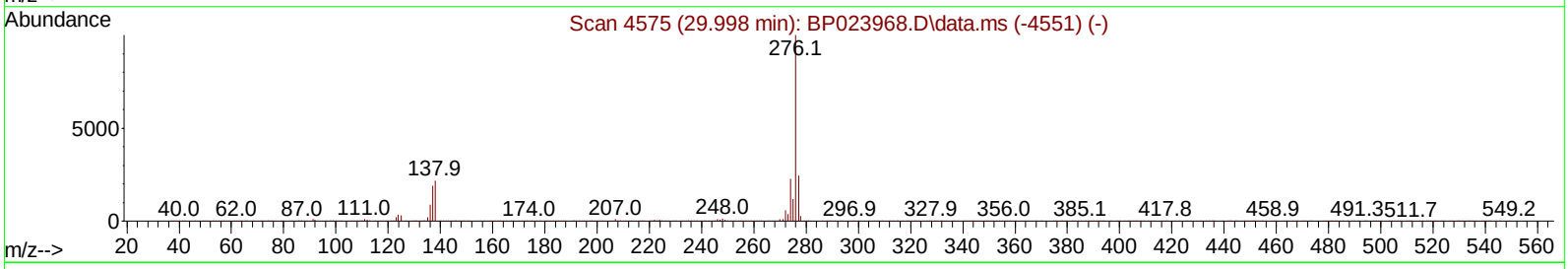

TIC: BP023994.D\data.ms

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

29.998min (-0.006) 17.98 ng/ul

response 2388478

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	22.33
277.00	23.80	23.86
0.00	0.00	0.00

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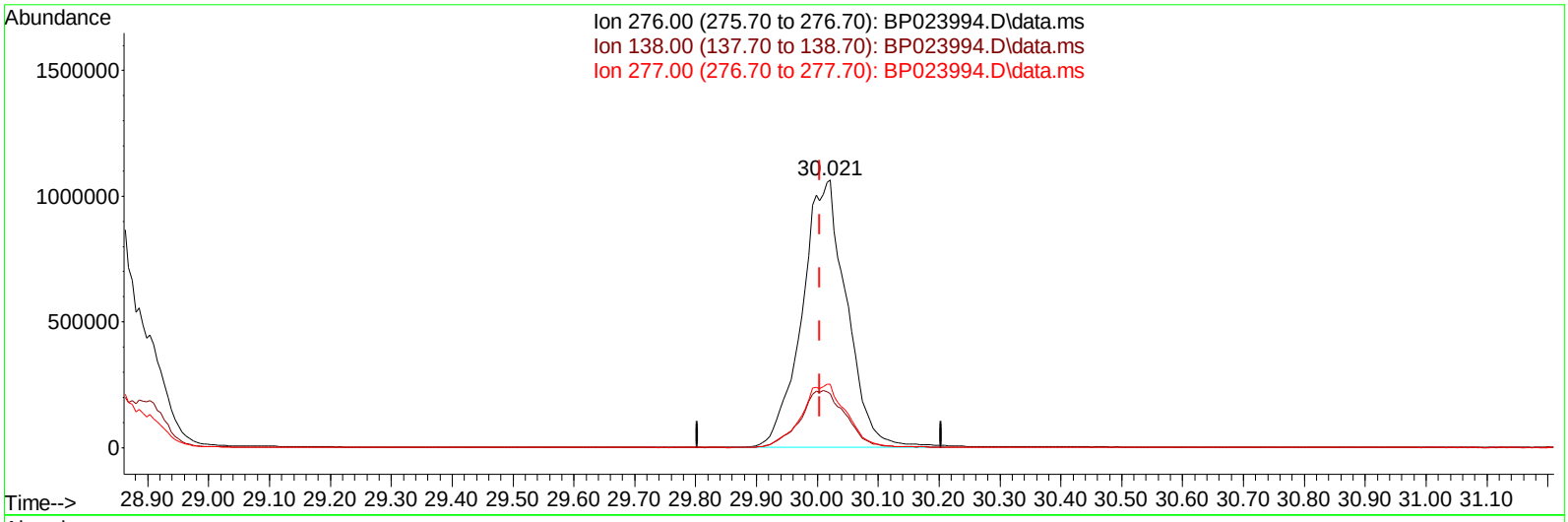

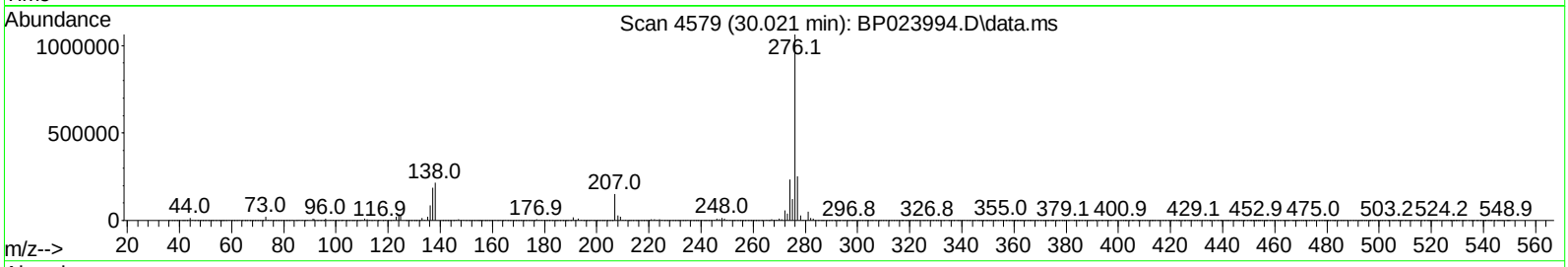

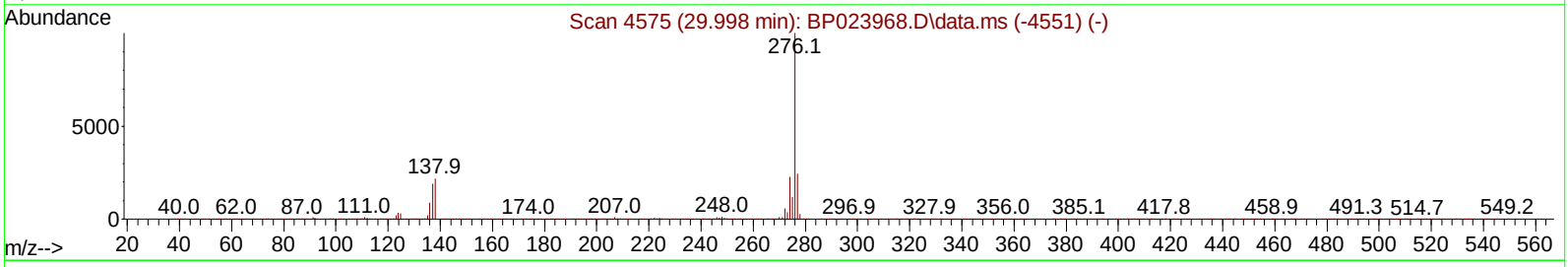

TIC: BP023994.D\data.ms

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

30.021min (+ 0.018) 40.89 ng/ul m

response 5432581

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	20.28
277.00	23.80	23.68
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	7.769	152	434843	20.000	ng/ul	0.00
20) Naphthalene-d8	10.540	136	1872533	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1177773	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2325415	20.000	ng/ul	0.00
79) Chrysene-d12	21.628	240	2336825	20.000	ng/ul	-0.01
88) Perylene-d12	24.992	264	2361681	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	79820	7.627	ng/uL	0.00
4) Pyridine-d5	3.699	84	1220192	40.404	ng/ul	0.00
7) Phenol-d5	6.952	99	1678853	43.627	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	832155	40.854	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	1338500	44.293	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1308243	41.616	ng/ul	0.00
21) Nitrobenzene-d5	8.911	128	625195	41.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	687920	42.555	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	1286846	43.393	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1482566	33.429	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	3485916	39.680	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	4147915	41.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	694991	39.835	ng/ul	0.00
60) Fluorene-d10	15.393	176	3064107	41.418	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	497634	34.688	ng/ul	0.00
73) Anthracene-d10	17.287	188	4726789	41.398	ng/ul	0.00
81) Pyrene-d10	19.663	212	5396318	43.098	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	5388364	43.729	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	164567	14.952	ng/uL	99
5) Pyridine	3.717	79	1214353	40.164	ng/ul	99
6) Benzaldehyde	6.917	77	218151	11.550	ng/ul	98
8) Phenol	6.981	94	1732070	43.834	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	1219634	40.547	ng/ul	99
12) 2-Chlorophenol	7.346	128	1365787	43.870	ng/ul	99
13) 2-Methylphenol	8.211	108	1252713	42.134	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1245621	40.139	ng/ul	99
16) Acetophenone	8.581	105	1966368	40.918	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	909185	40.177	ng/ul	99
18) 4-Methylphenol	8.534	108	1395018	42.289	ng/ul	98
19) Hexachloroethane	8.840	117	496230	40.310	ng/ul	100
22) Nitrobenzene	8.952	77	1366642	42.035	ng/ul	98
23) Isophorone	9.481	82	2570730	39.161	ng/ul	100
25) 2-Nitrophenol	9.658	139	745636	42.288	ng/ul	99
26) 2,4-Dimethylphenol	9.722	107	1181023	36.189	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.952	93	1618767	39.588	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	1287677	42.818	ng/ul	99
30) Naphthalene	10.587	128	4070818	40.614	ng/ul	100
32) 4-Chloroaniline	10.693	127	1042155	24.900	ng/ul	100
33) Hexachlorobutadiene	10.875	225	723480	39.738	ng/ul	100
34) Caprolactam	11.487	113	420678	36.107	ng/ul	100
35) 4-Chloro-3-methylphenol	11.834	107	1336689	41.348	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.199	142	2791259	39.606	ng/ul	99
37)	1-Methylnaphthalene	12.416	142	2804067	40.107	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.569	216	1462449	42.002	ng/ul	99
40)	Hexachlorocyclopentadiene	12.552	237	527721	26.897	ng/ul	99
41)	2,4,6-Trichlorophenol	12.816	196	943590	40.571	ng/ul	98
42)	2,4,5-Trichlorophenol	12.899	196	1044527	41.667	ng/ul	99
43)	1,1'-Biphenyl	13.216	154	3602636	41.208	ng/ul	100
44)	2-Chloronaphthalene	13.257	162	2846358	41.784	ng/ul	100
45)	2-Nitroaniline	13.457	65	763107	43.042	ng/ul	94
47)	Dimethylphthalate	13.846	163	3495497	39.990	ng/ul	100
48)	2,6-Dinitrotoluene	13.957	165	720383	42.172	ng/ul	99
50)	Acenaphthylene	14.110	152	4415874	41.850	ng/ul	99
51)	3-Nitroaniline	14.287	138	800868	42.660	ng/ul	99
52)	Acenaphthene	14.451	153	3082449	41.203	ng/ul	99
53)	2,4-Dinitrophenol	14.499	184	275480	27.051	ng/ul	99
55)	4-Nitrophenol	14.622	109	511198	41.416	ng/ul	97
56)	Dibenzofuran	14.793	168	4281848	41.305	ng/ul	99
57)	2,4-Dinitrotoluene	14.757	165	1063668	41.863	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.028	232	825634	38.704	ng/ul	94
59)	Diethylphthalate	15.222	149	3461513	39.527	ng/ul	99
61)	Fluorene	15.451	166	3587900	41.721	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.446	204	1753575	41.192	ng/ul	98
63)	4-Nitroaniline	15.475	138	897193	49.121	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.528	198	545063	34.558	ng/ul	100
67)	N-Nitrosodiphenylamine	15.663	169	2947278	41.528	ng/ul	100
68)	4-Bromophenyl-phenylether	16.363	248	1063152	40.523	ng/ul	97
69)	Hexachlorobenzene	16.475	284	1287613	40.506	ng/ul	99
70)	Atrazine	16.640	200	400808	14.584	ng/ul	99
71)	Pentachlorophenol	16.828	266	691382	35.360	ng/ul	100
72)	Phenanthrene	17.228	178	5472779	41.674	ng/ul	99
74)	Anthracene	17.328	178	5476919	41.356	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.175	216	1409510	41.393	ng/uL	99
76)	Pentachlorobenzene	14.710	250	1437787	39.181	ng/uL	100
77)	Carbazole	17.598	167	5097986	43.940	ng/ul	99
78)	Di-n-butylphthalate	18.187	149	5872676	40.896	ng/ul	99
80)	Fluoranthene	19.316	202	6199323	42.983	ng/ul	99
82)	Pyrene	19.686	202	6676313	44.266	ng/ul	98
83)	Butylbenzylphthalate	20.639	149	2662312	40.990	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.528	252	1888551	37.354	ng/ul	99
85)	Benzo(a)anthracene	21.610	228	6388096	41.572	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.551	149	3695243	38.993	ng/ul	99
87)	Chrysene	21.675	228	6007251	42.427	ng/ul	98
89)	Di-n-octyl phthalate	22.851	149	6034555	42.626	ng/ul	100
90)	Benzo(b)fluoranthene	23.945	252	6177787	43.110	ng/ul	99
91)	Benzo(k)fluoranthene	24.004	252	6354973	44.236	ng/ul	100
93)	Benzo(a)pyrene	24.845	252	5803052	43.363	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.845	276	7216935	41.605	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.904	278	5982363m	42.515	ng/ul	
96)	Benzo(g,h,i)perylene	30.021	276	5432581m	40.887	ng/ul	

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

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