Quantitation Report (Qedit)

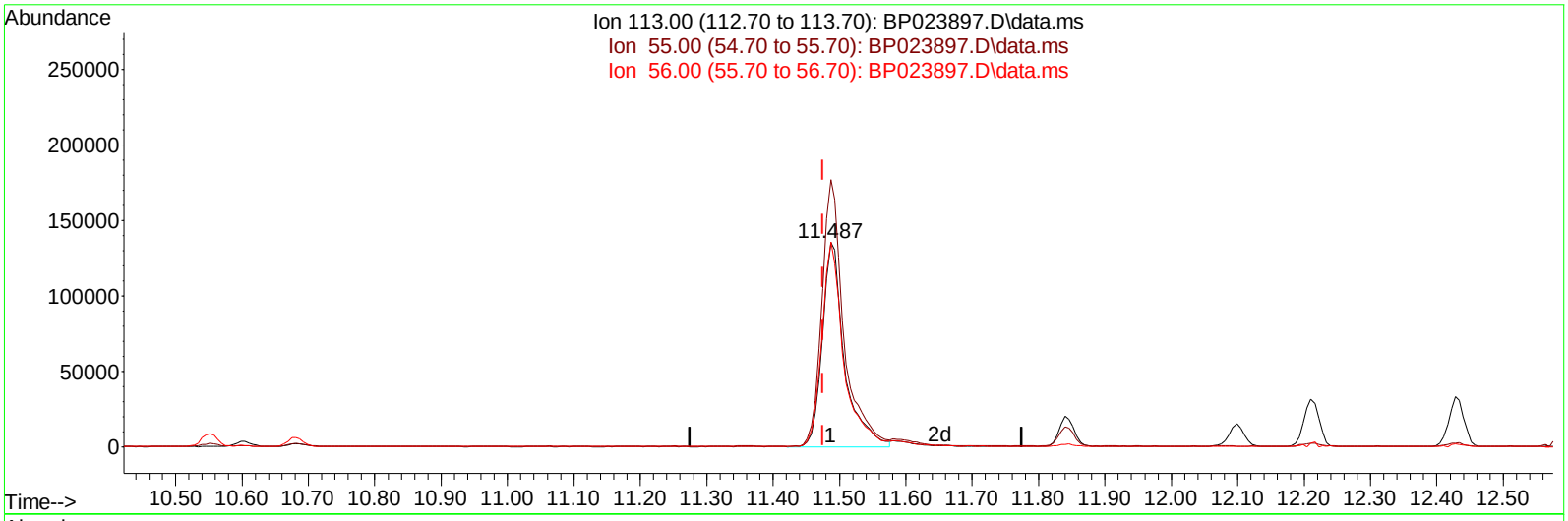
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023897.D
Acq On : 04 Feb 2025 02:43
Operator : RC/JU
Sample : PB166466BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

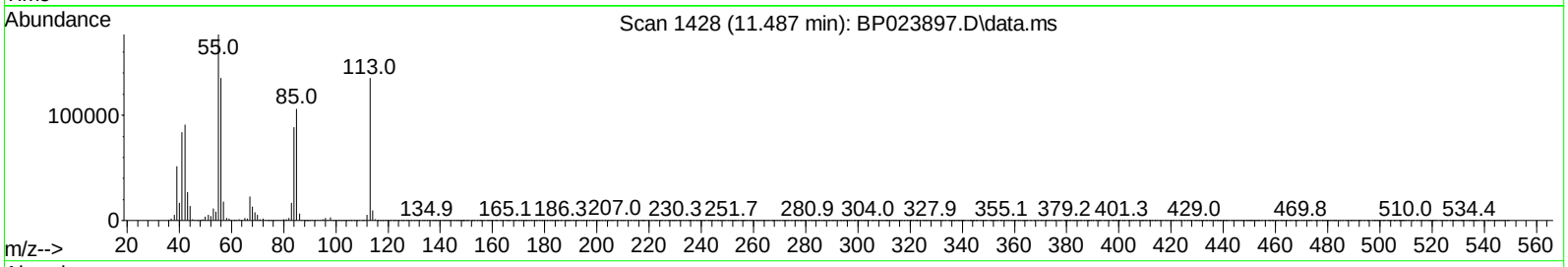
Quant Time: Feb 04 08:03:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

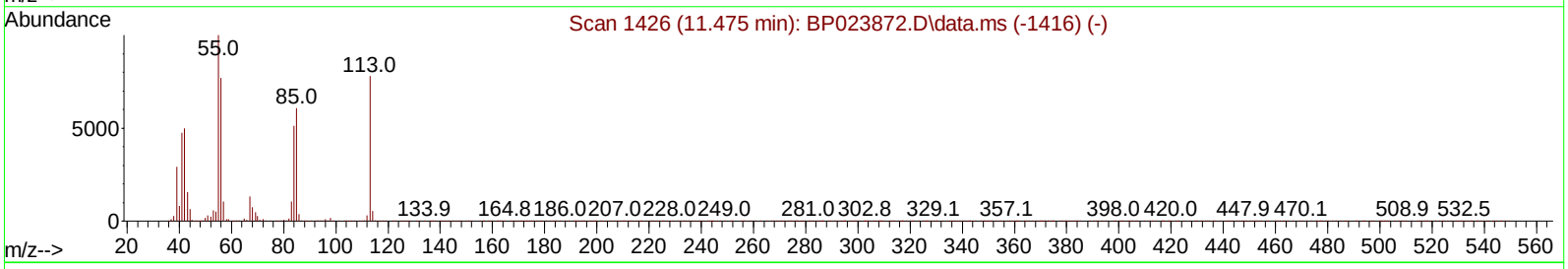
Instrument :
BNA_P
ClientSampleId :
SLCS466

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025







TIC: BP023897.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 32.73 ng/ul

response 313640

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	130.58
56.00	96.30	100.09
0.00	0.00	0.00

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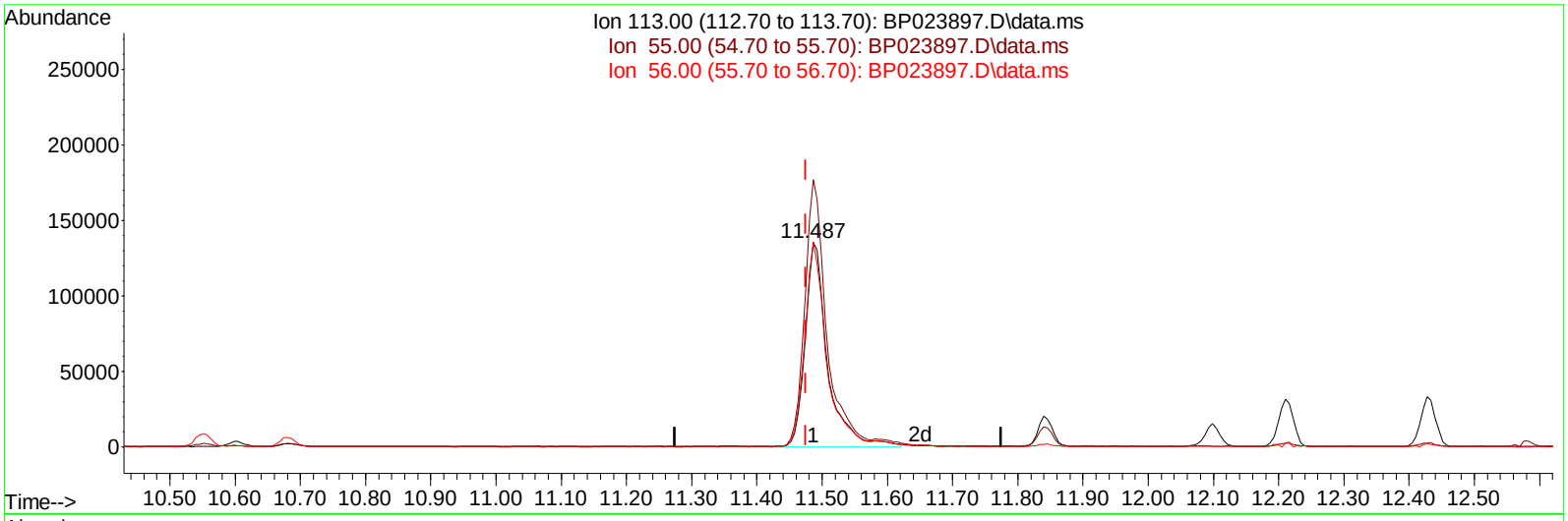

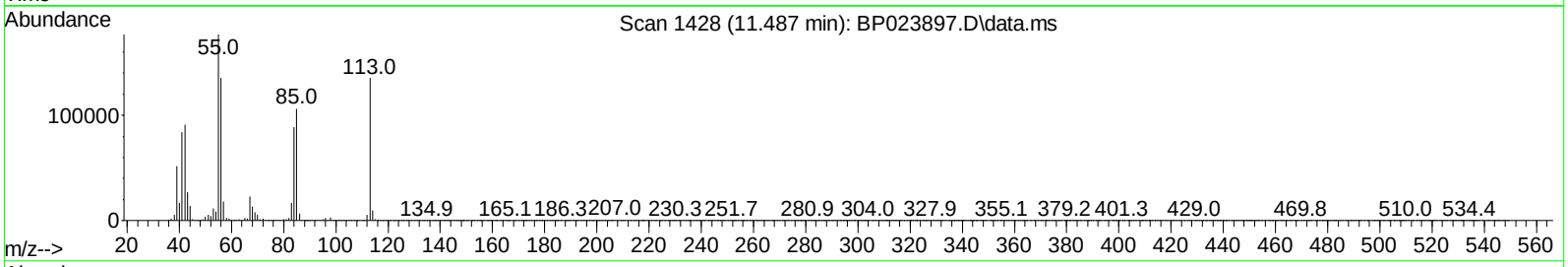

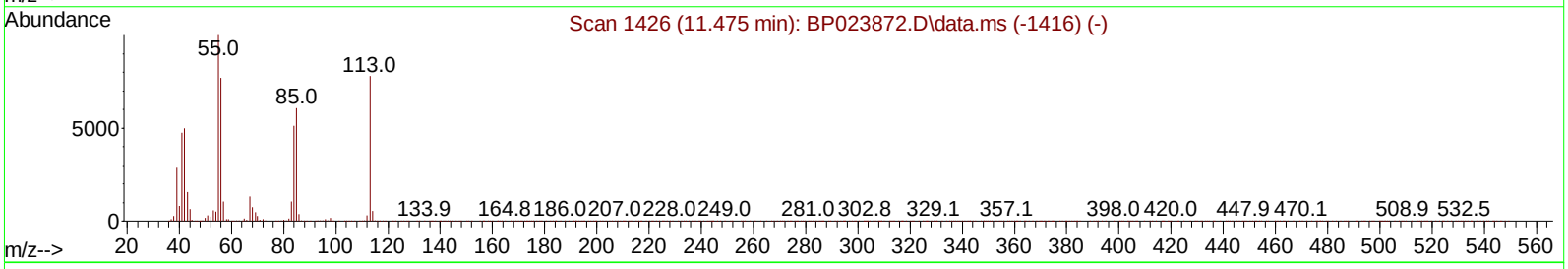

TIC: BP023897.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 33.58 ng/ul m

response 321856

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	130.58
56.00	96.30	100.09
0.00	0.00	0.00

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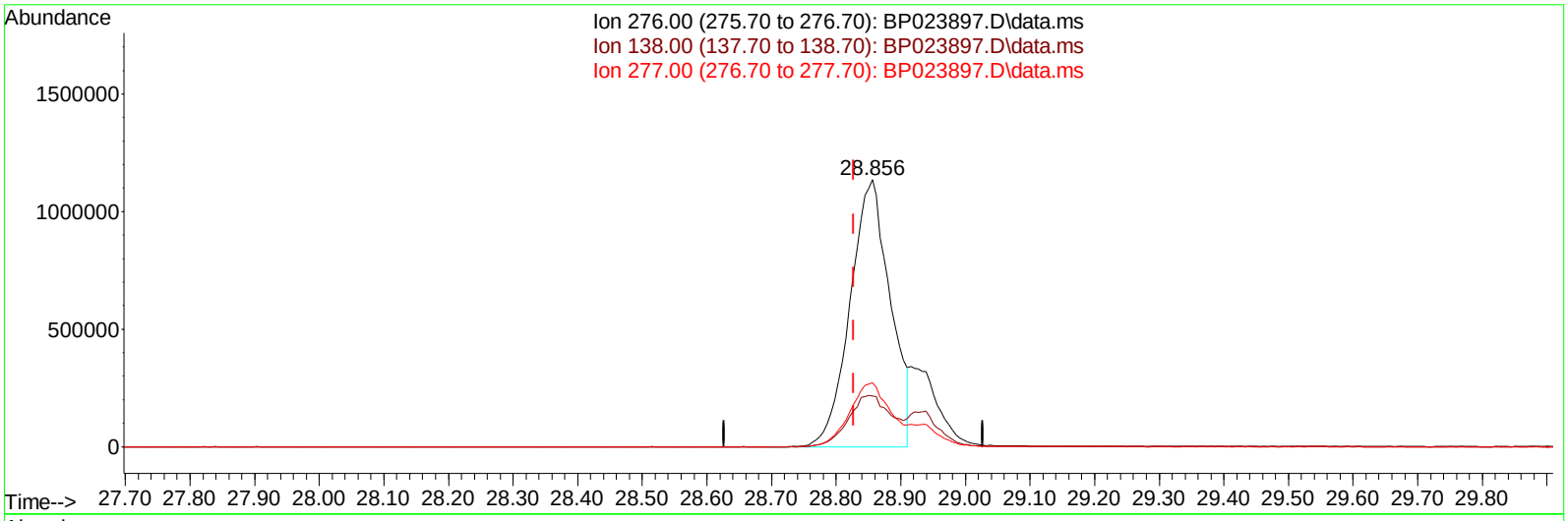

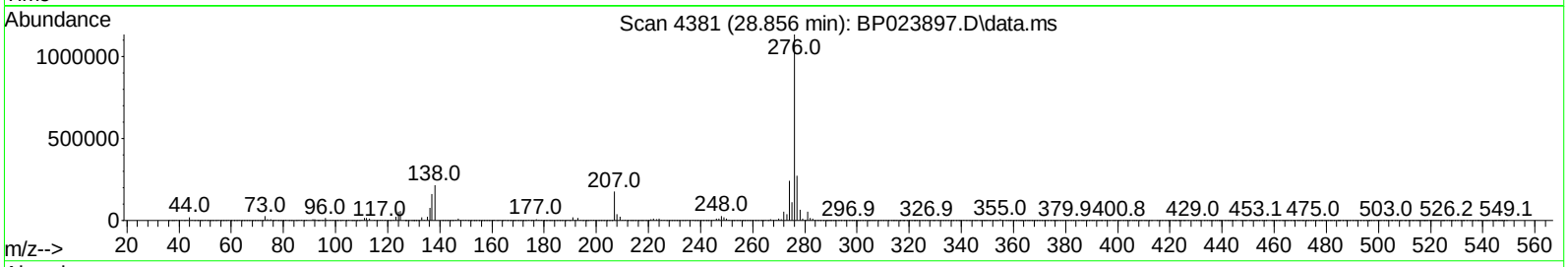

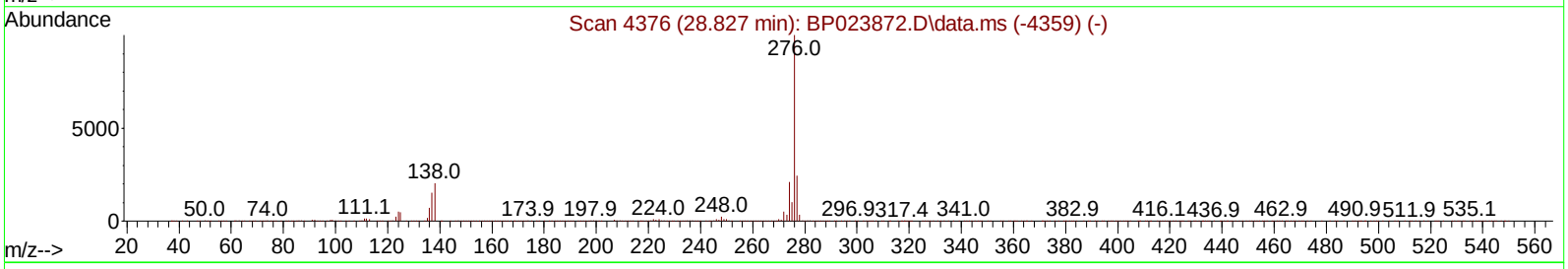

TIC: BP023897.D\data.ms

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

28.856min (+ 0.029) 33.37 ng/ul

response 4907889

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.00
277.00	23.70	23.96
0.00	0.00	0.00

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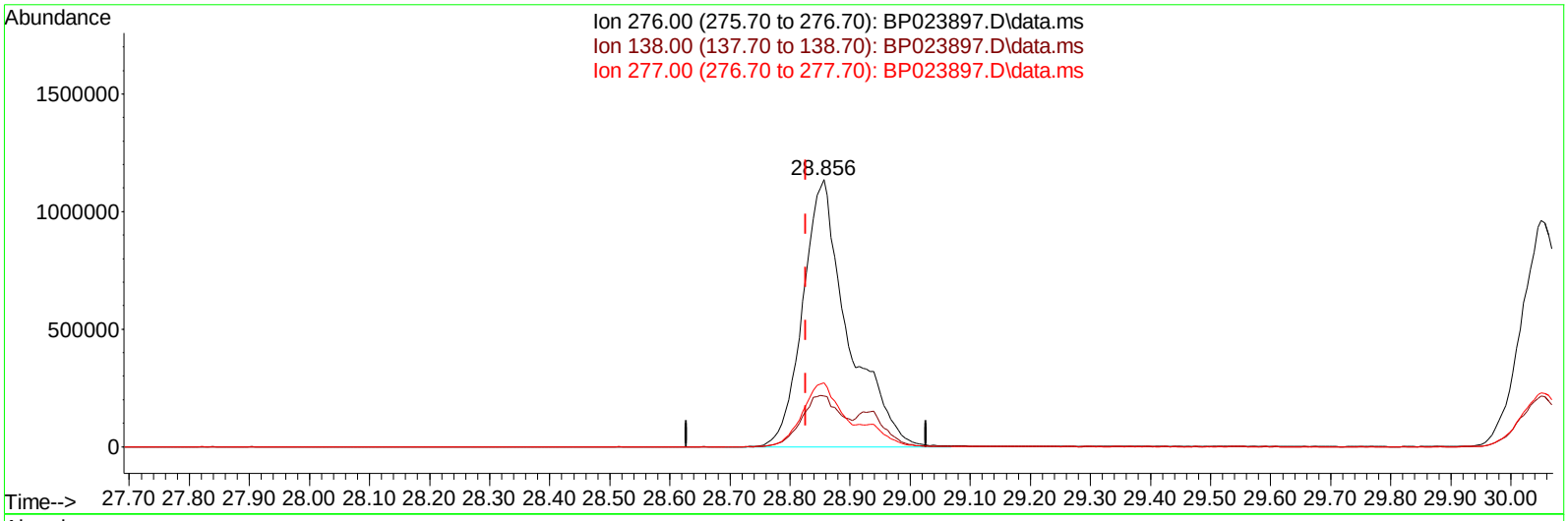

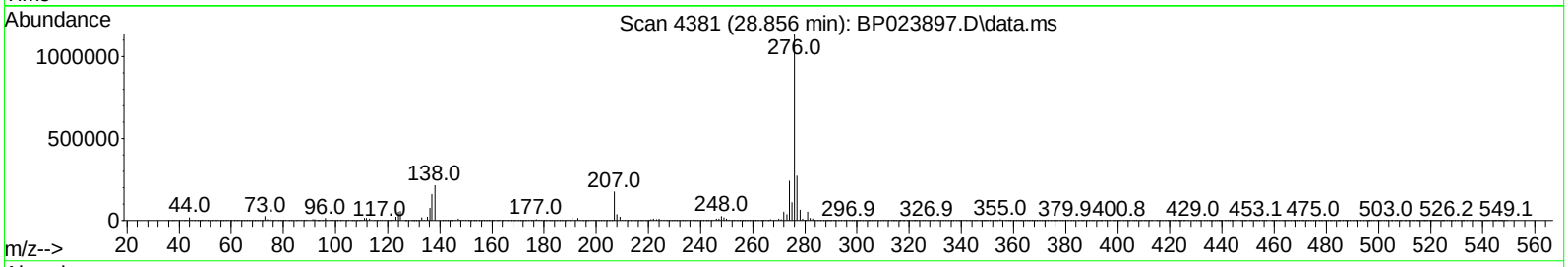

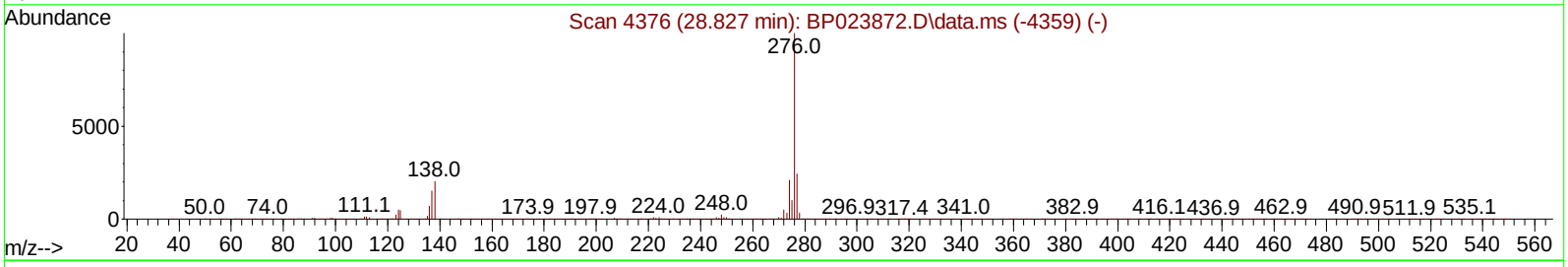

TIC: BP023897.D\data.ms

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

28.856min (+ 0.029) 40.48 ng/ul m

response 5953325

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	19.00
277.00	23.70	23.96
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	7.775	152	356454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.552	136	1540352	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	974428	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.204	188	1922707	20.000	ng/ul	0.02
79) Chrysene-d12	21.645	240	2022135	20.000	ng/ul	0.00
88) Perylene-d12	25.015	264	2002384	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	63906	7.449	ng/uL	0.00
4) Pyridine-d5	3.699	84	962298	38.872	ng/ul	0.00
7) Phenol-d5	6.958	99	1289998	40.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	652498	39.078	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1023550	41.319	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1011688	39.260	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	476819	38.691	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	504585	37.945	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	975731	39.998	ng/ul	0.01
31) 4-Chloroaniline-d4	10.681	131	1071945	29.383	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	2738008	37.671	ng/ul	0.01
49) Acenaphthylene-d8	14.093	160	3227025	39.366	ng/ul	0.01
54) 4-Nitrophenol-d4	14.622	143	559086	38.733	ng/ul	0.01
60) Fluorene-d10	15.416	176	2361593	38.583	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.528	200	430928	36.330	ng/ul	0.02
73) Anthracene-d10	17.304	188	3674970	38.928	ng/ul	0.02
81) Pyrene-d10	19.669	212	4291070	39.604	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.786	264	4253015	40.708	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	132157	14.648	ng/uL	97
5) Pyridine	3.722	79	953862	38.486	ng/ul	98
6) Benzaldehyde	6.922	77	176870	11.424	ng/ul	99
8) Phenol	6.987	94	1328710	41.021	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.199	93	937421	38.018	ng/ul	99
12) 2-Chlorophenol	7.346	128	1044602	40.932	ng/ul	99
13) 2-Methylphenol	8.216	108	955999	39.225	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	974851	38.322	ng/ul	99
16) Acetophenone	8.587	105	1511131	38.360	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.569	70	711538	38.358	ng/ul	98
18) 4-Methylphenol	8.540	108	1071156	39.613	ng/ul	99
19) Hexachloroethane	8.846	117	381578	37.813	ng/ul	97
22) Nitrobenzene	8.963	77	1058779	39.588	ng/ul	99
23) Isophorone	9.487	82	2014984	37.314	ng/ul	99
25) 2-Nitrophenol	9.669	139	557391	38.429	ng/ul	99
26) 2,4-Dimethylphenol	9.734	107	931497	34.698	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	1247332	37.082	ng/ul	100
29) 2,4-Dichlorophenol	10.204	162	975936	39.450	ng/ul	99
30) Naphthalene	10.604	128	3123250	37.880	ng/ul	100
32) 4-Chloroaniline	10.704	127	720932	20.939	ng/ul	100
33) Hexachlorobutadiene	10.887	225	546621	36.499	ng/ul	98
34) Caprolactam	11.487	113	321856m	33.583	ng/ul	
35) 4-Chloro-3-methylphenol	11.840	107	1033119	38.850	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.210	142	2173498	37.492	ng/ul	99
37) 1-Methylnaphthalene	12.428	142	2139081	37.194	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.581	216	1111055	38.569	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	403525	24.859	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	715453	37.182	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	814555	39.274	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	2813241	38.894	ng/ul	99
44) 2-Chloronaphthalene	13.263	162	2215400	39.308	ng/ul	99
45) 2-Nitroaniline	13.469	65	595508	40.598	ng/ul	93
47) Dimethylphthalate	13.857	163	2720498	37.619	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	544167	38.504	ng/ul	93
50) Acenaphthylene	14.122	152	3485914	39.931	ng/ul	100
51) 3-Nitroaniline	14.304	138	569604	36.673	ng/ul	98
52) Acenaphthene	14.469	153	2441296	39.442	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	276172	32.778	ng/ul	99
55) 4-Nitrophenol	14.640	109	418646	40.996	ng/ul	96
56) Dibenzofuran	14.810	168	3328140	38.805	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	824130	39.204	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.040	232	625972	35.468	ng/ul#	92
59) Diethylphthalate	15.240	149	2707386	37.367	ng/ul	99
61) Fluorene	15.475	166	2820713	39.645	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	1348906	38.299	ng/ul	96
63) 4-Nitroaniline	15.487	138	695174	46.003	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	471685	36.170	ng/ul#	97
67) N-Nitrosodiphenylamine	15.687	169	2284699	38.935	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	809713	37.327	ng/ul	97
69) Hexachlorobenzene	16.487	284	989173	37.635	ng/ul	97
70) Atrazine	16.657	200	324735	14.291	ng/ul	99
71) Pentachlorophenol	16.851	266	545535	33.744	ng/ul	99
72) Phenanthrene	17.251	178	4295983	39.565	ng/ul	99
74) Anthracene	17.339	178	4301607	39.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.187	216	1084945	38.535	ng/uL	99
76) Pentachlorobenzene	14.734	250	1099753	36.246	ng/uL	99
77) Carbazole	17.622	167	4052413	42.243	ng/ul	99
78) Di-n-butylphthalate	18.216	149	4590174	38.660	ng/ul	100
80) Fluoranthene	19.328	202	4937227	39.560	ng/ul	99
82) Pyrene	19.698	202	5333603	40.867	ng/ul	97
83) Butylbenzylphthalate	20.645	149	2083959	37.079	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	1461130	33.397	ng/ul	99
85) Benzo(a)anthracene	21.627	228	5126556	38.554	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	2992699	36.495	ng/ul	99
87) Chrysene	21.692	228	4859189	39.659	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	4813890	40.105	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	4972098	40.923	ng/ul	100
91) Benzo(k)fluoranthene	24.021	252	5068064	41.608	ng/ul	99
93) Benzo(a)pyrene	24.851	252	4634392	40.844	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.856	276	5953325m	40.478	ng/ul	
95) Dibenzo(a,h)anthracene	28.939	278	4856673	40.708	ng/ul	99
96) Benzo(g,h,i)perylene	30.051	276	4565653	40.529	ng/ul	100

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

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