Quantitation Report (Qedit)

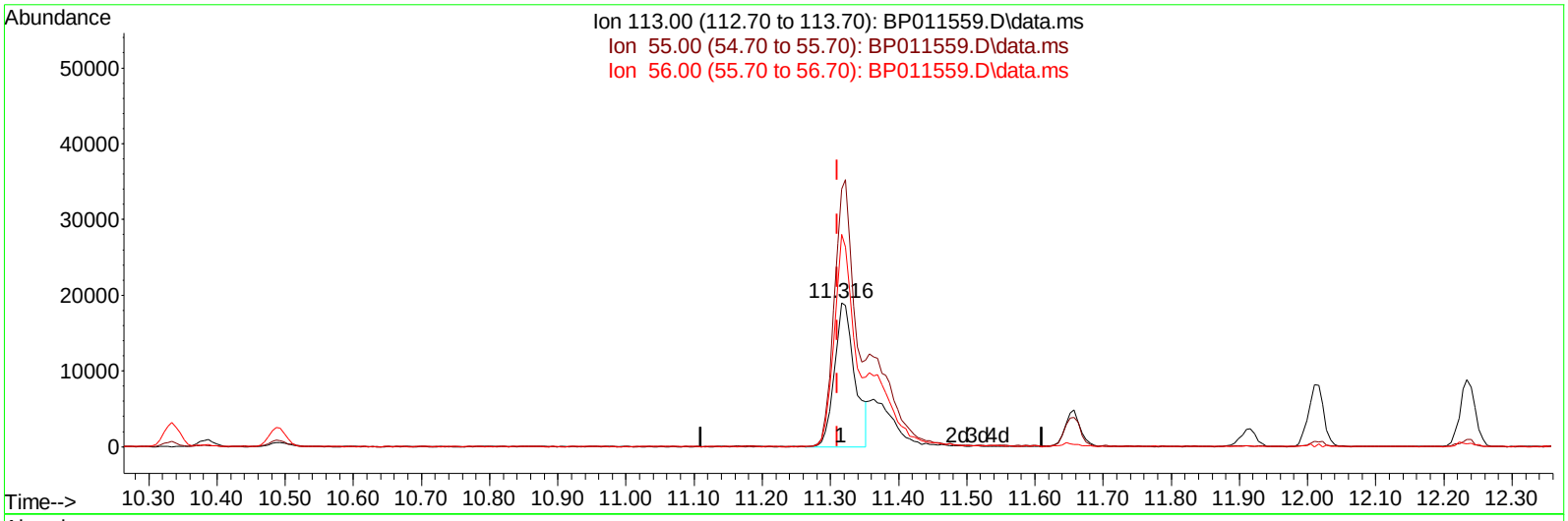
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
Data File : BP011559.D
Acq On : 25 Aug 2022 11:18
Operator : CG/JU
Sample : PB147280BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

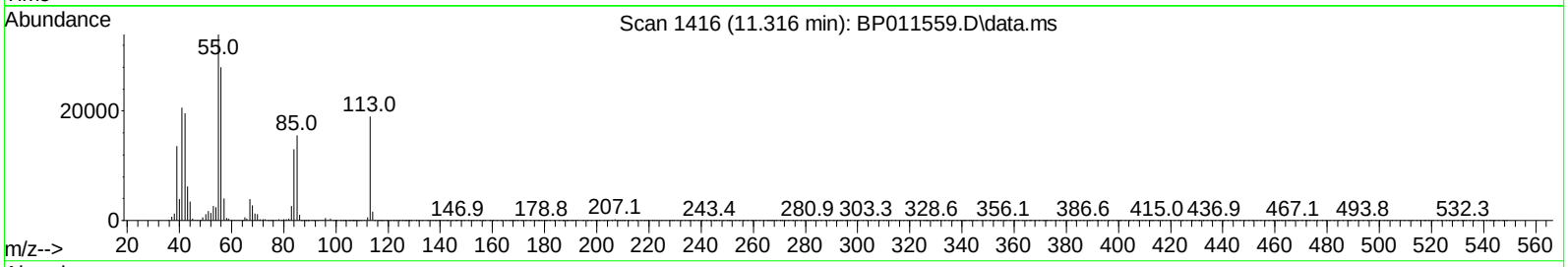
Quant Time: Aug 26 01:02:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 02:14:54 2022
Response via : Initial Calibration

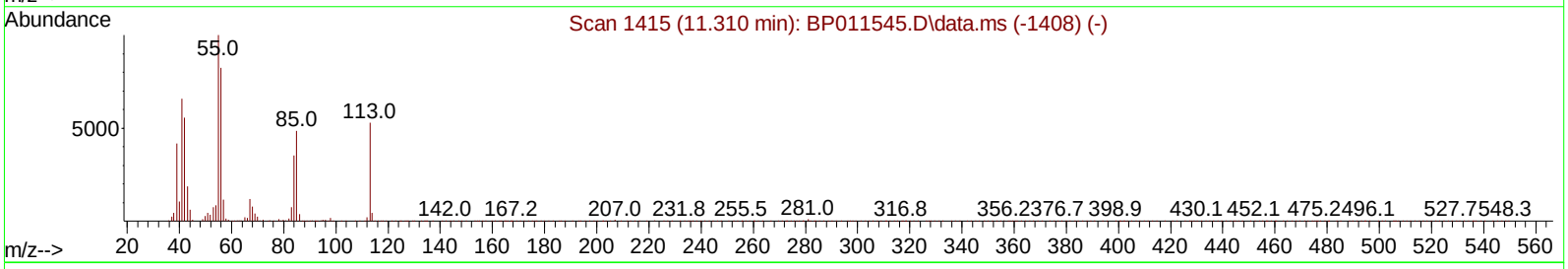
Instrument :
BNA_P
ClientSampleId :
SLCS280

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/26/2022
Supervised By :mohammad ahmed 08/27/2022







TIC: BP011559.D\data.ms

(34) Caprolactam

11.316min (+ 0.006) 25.69 ng/ul

response 39447

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	191.80	178.71
56.00	149.50	147.29
0.00	0.00	0.00

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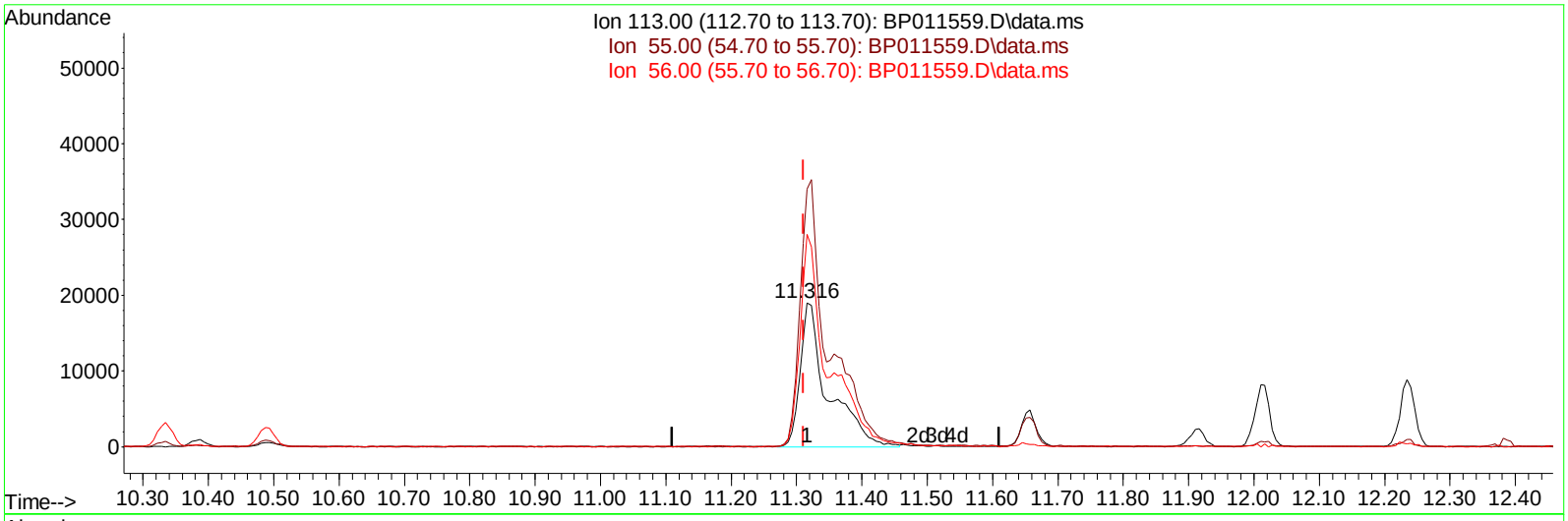

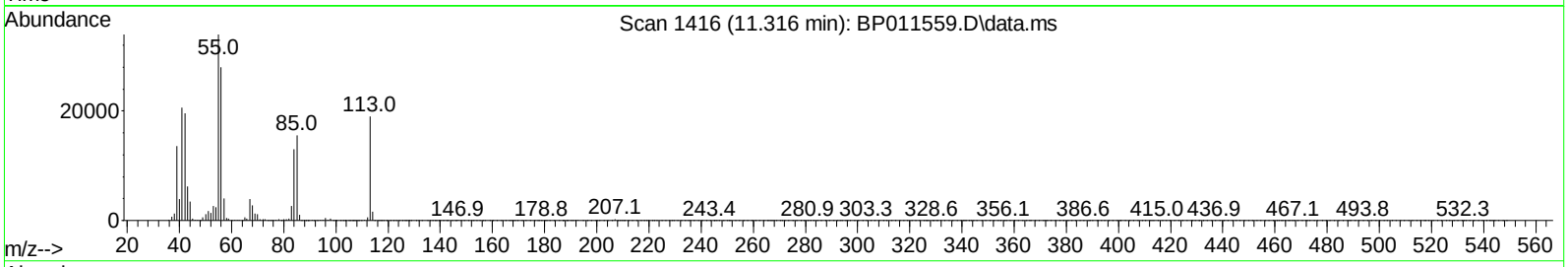

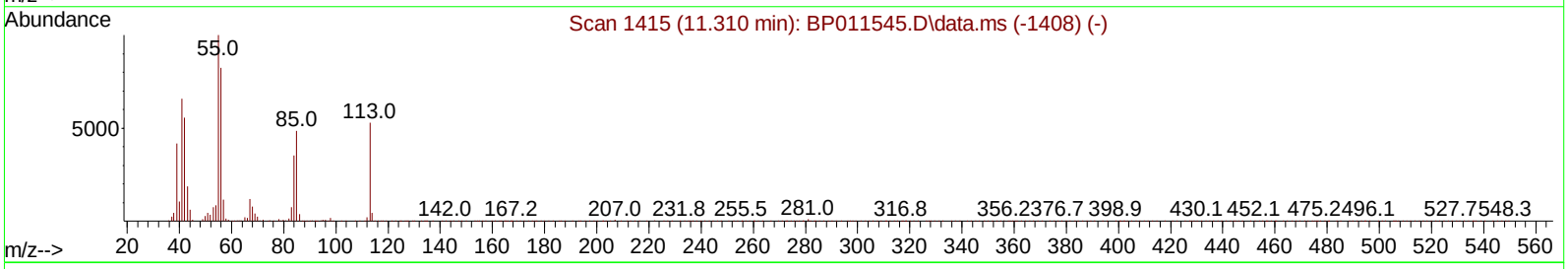

TIC: BP011559.D\data.ms

(34) Caprolactam

11.316min (+ 0.006) 36.20 ng/ul m

response 55571

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	191.80	178.71
56.00	149.50	147.29
0.00	0.00	0.00

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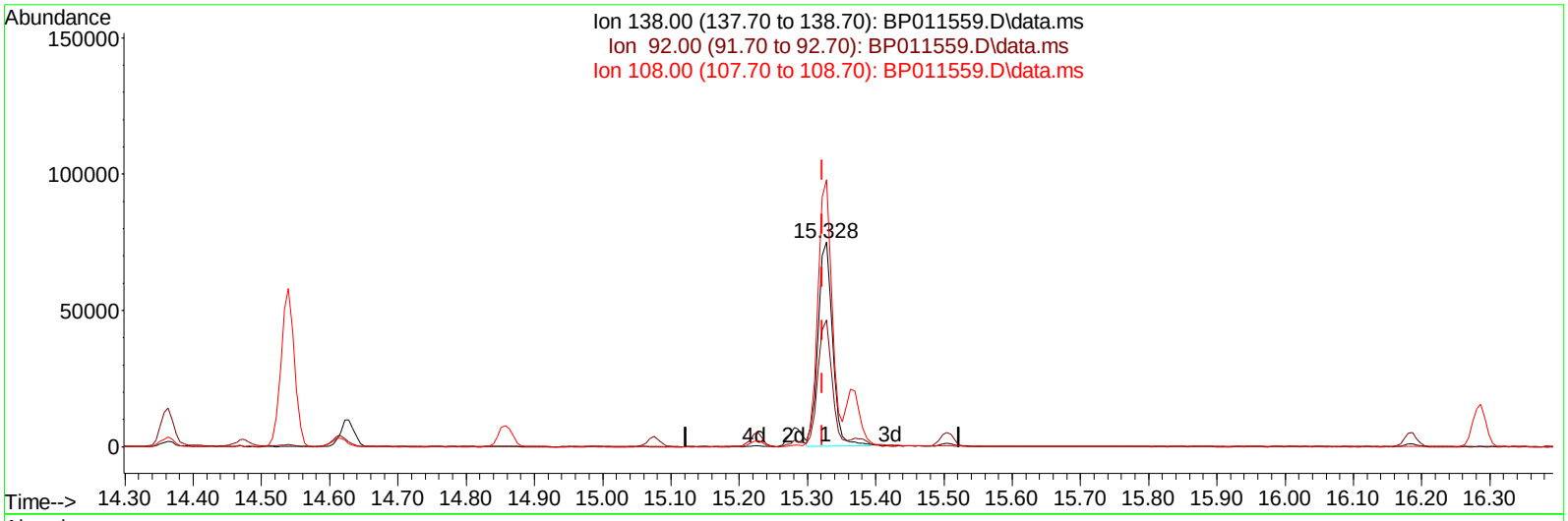

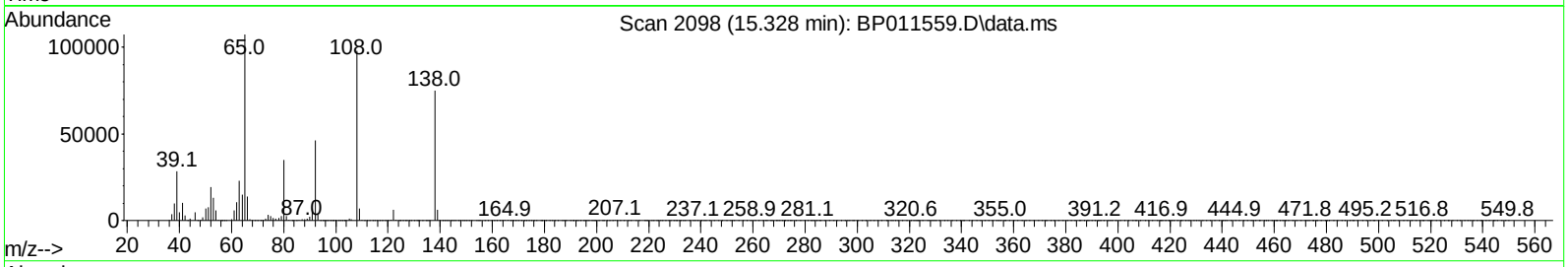

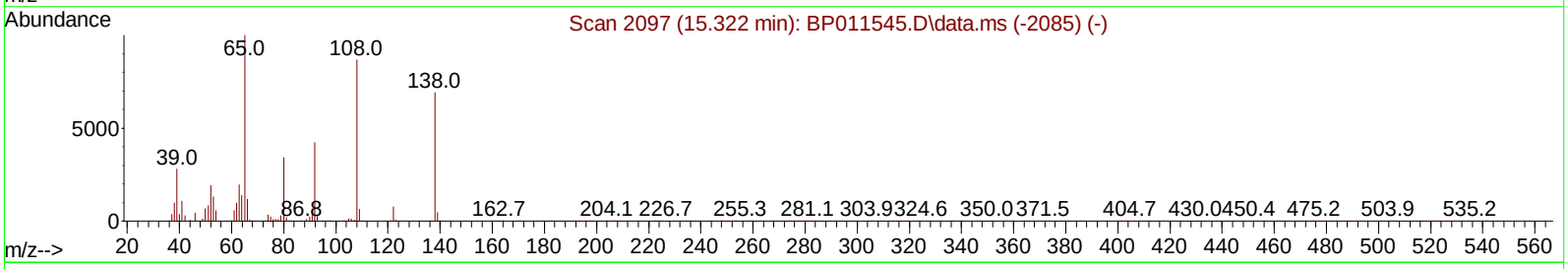

TIC: BP011559.D\data.ms

(63) 4-Nitroaniline

15.328min (+ 0.006) 41.72 ng/ul

response 110759

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.90	61.83
108.00	117.10	130.40
0.00	0.00	0.00

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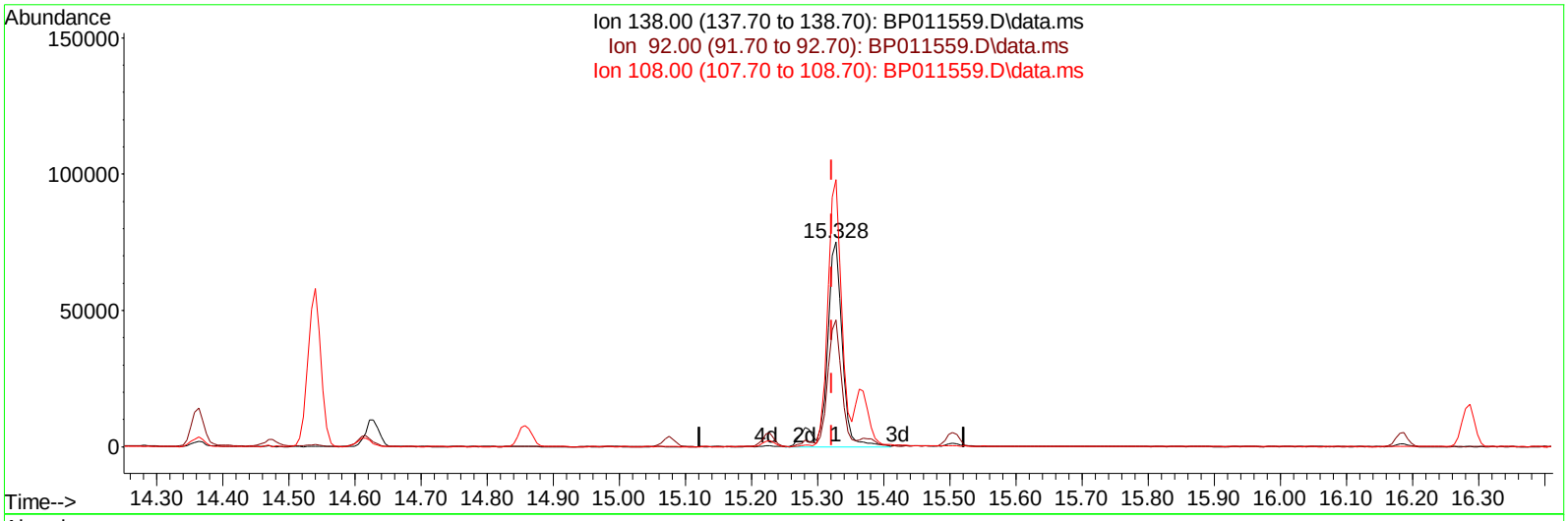

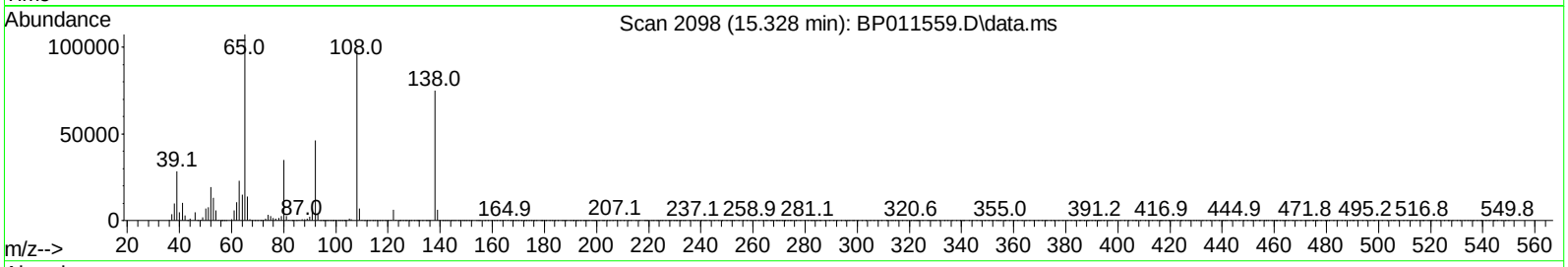

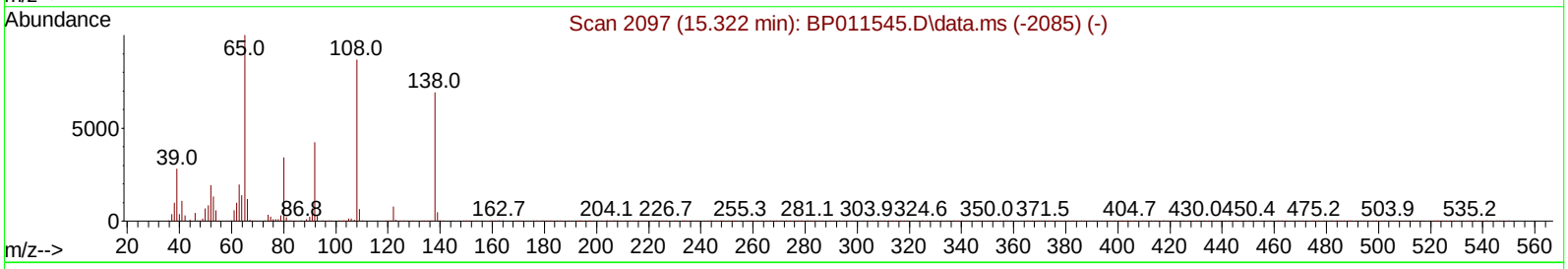

TIC: BP011559.D\data.ms

(63) 4-Nitroaniline

15.328min (+ 0.006) 46.11 ng/ul m

response 122392

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.90	61.83
108.00	117.10	130.40
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	7.546	152	68032	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	305905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.222	164	191978	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	389498	20.000	ng/ul	0.00
79) Chrysene-d12	21.128	240	367829	20.000	ng/ul	0.00
88) Perylene-d12	23.416	264	369694	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	14111	6.437	ng/uL	0.00
4) Pyridine-d5	3.470	84	178184	31.745	ng/ul	0.00
7) Phenol-d5	6.734	99	217936	34.859	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	140773	34.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	180244	39.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	182827	36.536	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	88824	40.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	94595	42.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	165780	40.070	ng/ul	0.00
31) 4-Chloroaniline-d4	10.487	131	237623	34.503	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	524642	38.638	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	628723	41.661	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	95402	36.467	ng/ul	0.00
60) Fluorene-d10	15.228	176	436853	38.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	84917	40.347	ng/ul	0.00
73) Anthracene-d10	17.092	188	656939	38.083	ng/ul	0.00
81) Pyrene-d10	19.357	212	737658	39.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.269	264	704012	39.148	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	28210	12.341	ng/uL	98
5) Pyridine	3.487	79	185473	33.104	ng/ul	95
6) Benzaldehyde	6.705	77	150414	52.426	ng/ul	99
8) Phenol	6.764	94	223106	34.727	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.993	93	170619	34.045	ng/ul	97
12) 2-Chlorophenol	7.111	128	182464	36.877	ng/ul	98
13) 2-Methylphenol	8.005	108	165727	35.015	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	258969	34.881	ng/ul	99
16) Acetophenone	8.381	105	289399	34.766	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.375	70	151695	36.636	ng/ul	97
18) 4-Methylphenol	8.334	108	184162	35.146	ng/ul	94
19) Hexachloroethane	8.611	117	85900	38.273	ng/ul	97
22) Nitrobenzene	8.758	77	235280	37.902	ng/ul	97
23) Isophorone	9.287	82	408899	37.525	ng/ul	99
25) 2-Nitrophenol	9.463	139	102613	40.126	ng/ul	97
26) 2,4-Dimethylphenol	9.528	107	224028	36.896	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.769	93	240022	36.441	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	164708	38.900	ng/ul	97
30) Naphthalene	10.387	128	582791	36.082	ng/ul	99
32) 4-Chloroaniline	10.510	127	236451	33.138	ng/ul	100
33) Hexachlorobutadiene	10.663	225	105641	39.192	ng/ul	98
34) Caprolactam	11.316	113	55571m	36.197	ng/ul	
35) 4-Chloro-3-methylphenol	11.652	107	207651	38.790	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.016	142	391148	37.222	ng/ul	96
37) 1-Methylnaphthalene	12.234	142	397157	37.263	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.387	216	180211	36.984	ng/ul	99
40) Hexachlorocyclopentadiene	12.357	237	96325	31.864	ng/ul	99
41) 2,4,6-Trichlorophenol	12.640	196	121036	38.594	ng/ul	97
42) 2,4,5-Trichlorophenol	12.710	196	133964	38.374	ng/ul	100
43) 1,1'-Biphenyl	13.046	154	517033	36.144	ng/ul	99
44) 2-Chloronaphthalene	13.087	162	392725	36.433	ng/ul	99
45) 2-Nitroaniline	13.310	65	149898	40.744	ng/ul	97
47) Dimethylphthalate	13.699	163	511214	36.427	ng/ul	98
48) 2,6-Dinitrotoluene	13.822	165	100358	39.776	ng/ul	100
50) Acenaphthylene	13.940	152	659537	36.787	ng/ul	99
51) 3-Nitroaniline	14.151	138	108866	39.613	ng/ul	98
52) Acenaphthene	14.287	153	436886	36.382	ng/ul	99
53) 2,4-Dinitrophenol	14.363	184	57459	37.207	ng/ul	99
55) 4-Nitrophenol	14.475	109	119163	38.229	ng/ul	88
56) Dibenzofuran	14.628	168	602853	36.405	ng/ul	99
57) 2,4-Dinitrotoluene	14.616	165	151579	40.131	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.857	232	107884	39.361	ng/ul	97
59) Diethylphthalate	15.075	149	578729	37.651	ng/ul	99
61) Fluorene	15.281	166	506068	37.356	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.287	204	231675	37.855	ng/ul	98
63) 4-Nitroaniline	15.328	138	122392m	46.105	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.381	198	81472	37.422	ng/ul#	89
67) N-Nitrosodiphenylamine	15.504	169	426930	37.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.187	248	132012	37.968	ng/ul	95
69) Hexachlorobenzene	16.287	284	152807	38.134	ng/ul	99
70) Atrazine	16.481	200	153350	35.959	ng/ul	96
71) Pentachlorophenol	16.645	266	92977	37.421	ng/ul	99
72) Phenanthrene	17.040	178	776923	36.852	ng/ul	99
74) Anthracene	17.128	178	789440	37.116	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.004	216	180903	36.131	ng/uL	99
76) Pentachlorobenzene	14.540	250	179871	37.860	ng/uL	100
77) Carbazole	17.410	167	726248	36.302	ng/ul	99
78) Di-n-butylphthalate	17.987	149	990369	40.200	ng/ul	99
80) Fluoranthene	19.034	202	876472	38.297	ng/ul	96
82) Pyrene	19.386	202	912631	37.951	ng/ul	98
83) Butylbenzylphthalate	20.286	149	446560	41.396	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.051	252	284458	40.851	ng/ul	99
85) Benzo(a)anthracene	21.110	228	853458	38.084	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.051	149	672763	42.143	ng/ul	97
87) Chrysene	21.163	228	839009	38.112	ng/ul	99
89) Di-n-octyl phthalate	21.945	149	1138430	38.308	ng/ul	100
90) Benzo(b)fluoranthene	22.722	252	867582	37.727	ng/ul	99
91) Benzo(k)fluoranthene	22.763	252	838050	38.188	ng/ul	98
93) Benzo(a)pyrene	23.316	252	846614	37.708	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.774	276	928698	37.085	ng/ul	99
95) Dibenzo(a,h)anthracene	25.792	278	808471	37.494	ng/ul	97
96) Benzo(g,h,i)perylene	26.498	276	695320	32.641	ng/ul	99

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

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