Quantitation Report (Qedit)

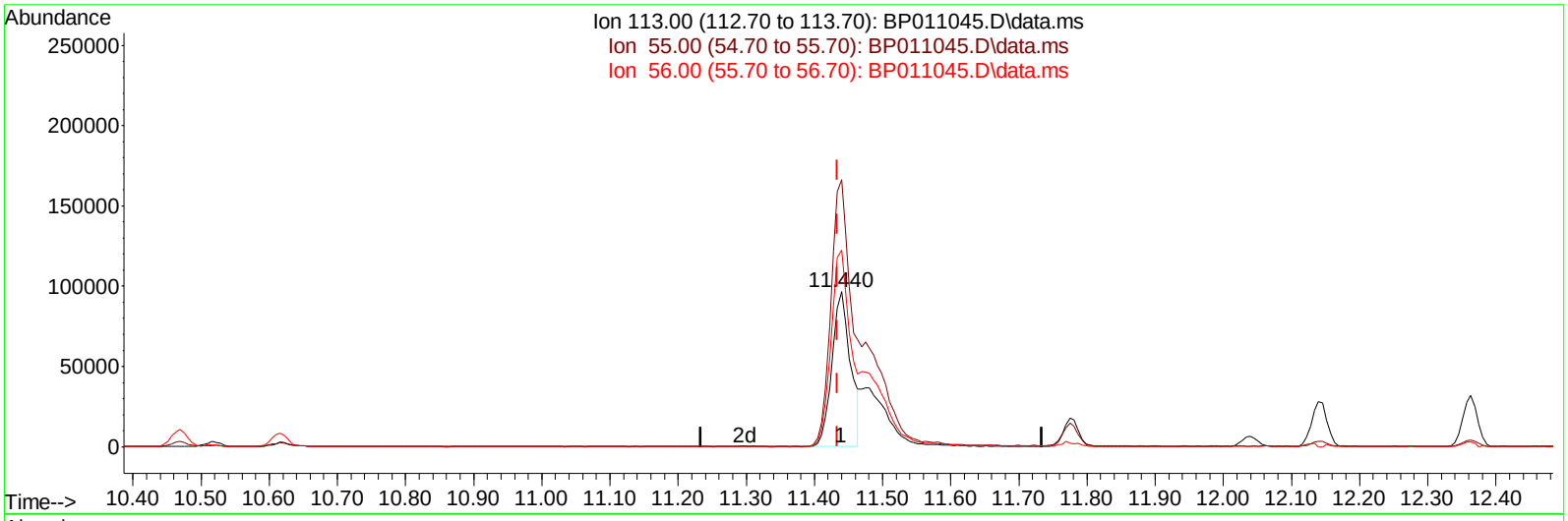
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071922\
Data File : BP011045.D
Acq On : 19 Jul 2022 22:27
Operator : CG/JU
Sample : PB146296BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

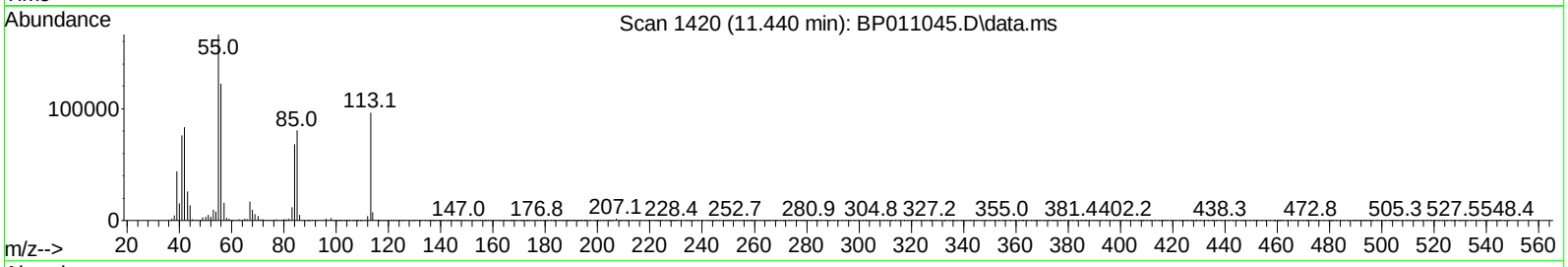
Quant Time: Jul 19 23:42:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 03:25:54 2022
Response via : Initial Calibration

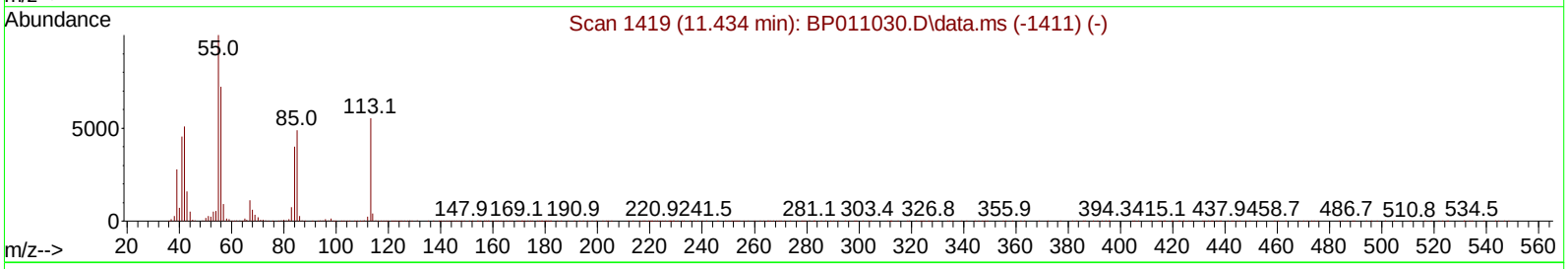
Instrument :
BNA_P
ClientSampleId :
SLCS296

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/20/2022
Supervised By :mohammad ahmed 07/21/2022







TIC: BP011045.D\data.ms

(34) Caprolactam

11.440min (+ 0.006) 26.88 ng/ul

response 184074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	172.08
56.00	137.80	126.65
0.00	0.00	0.00

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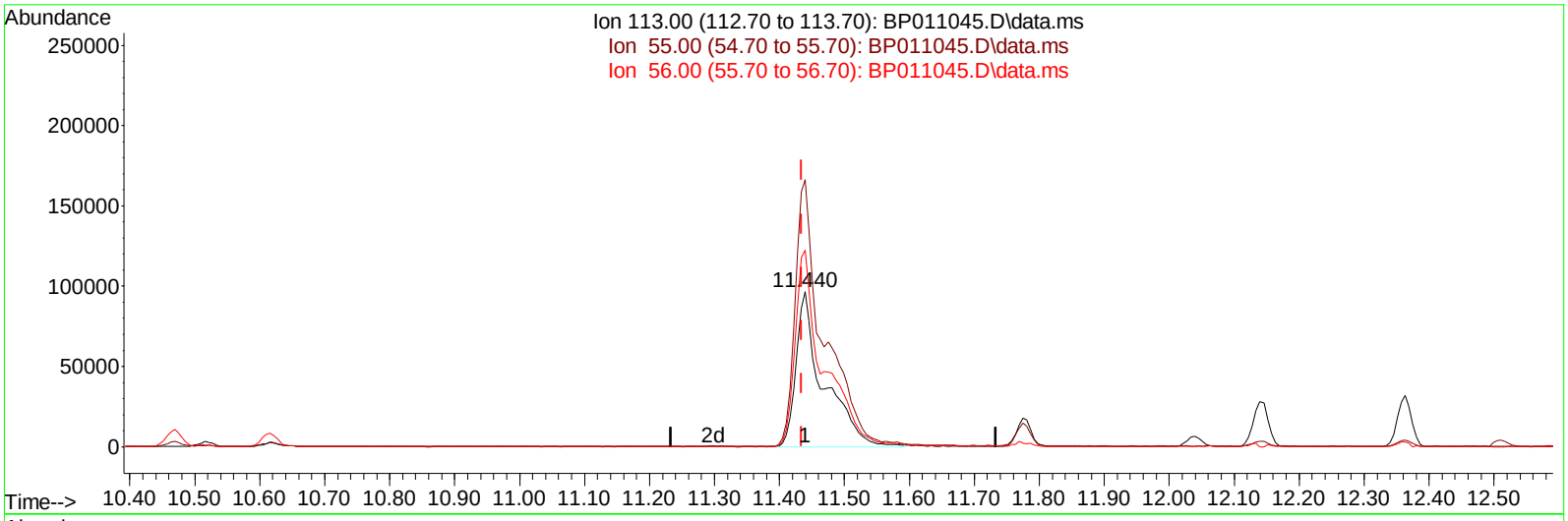

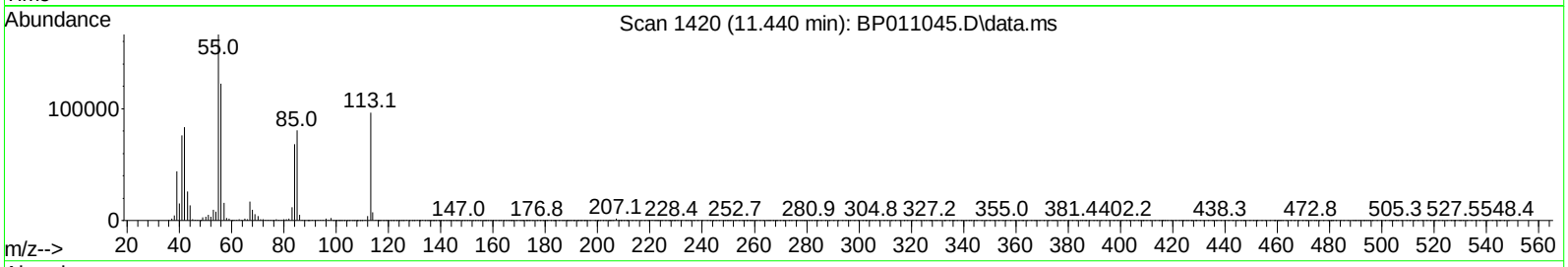

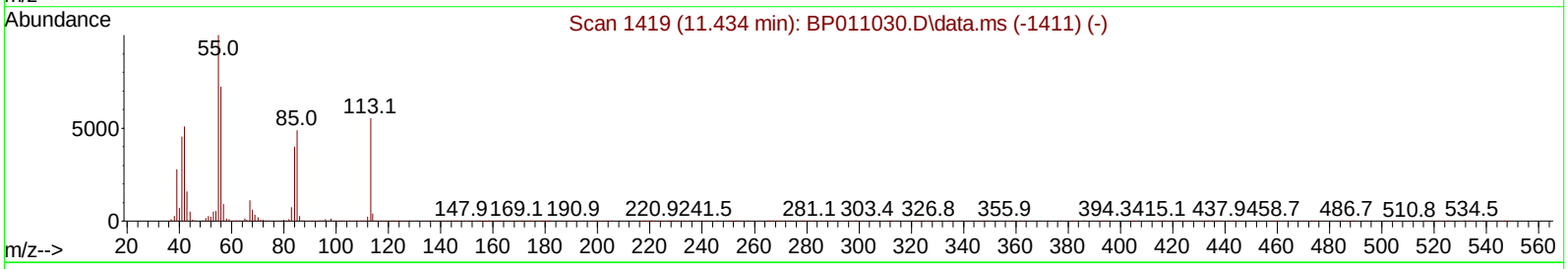

TIC: BP011045.D\data.ms

(34) Caprolactam

11.440min (+ 0.006) 41.65 ng/ul m

response 285164

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	172.08
56.00	137.80	126.65
0.00	0.00	0.00

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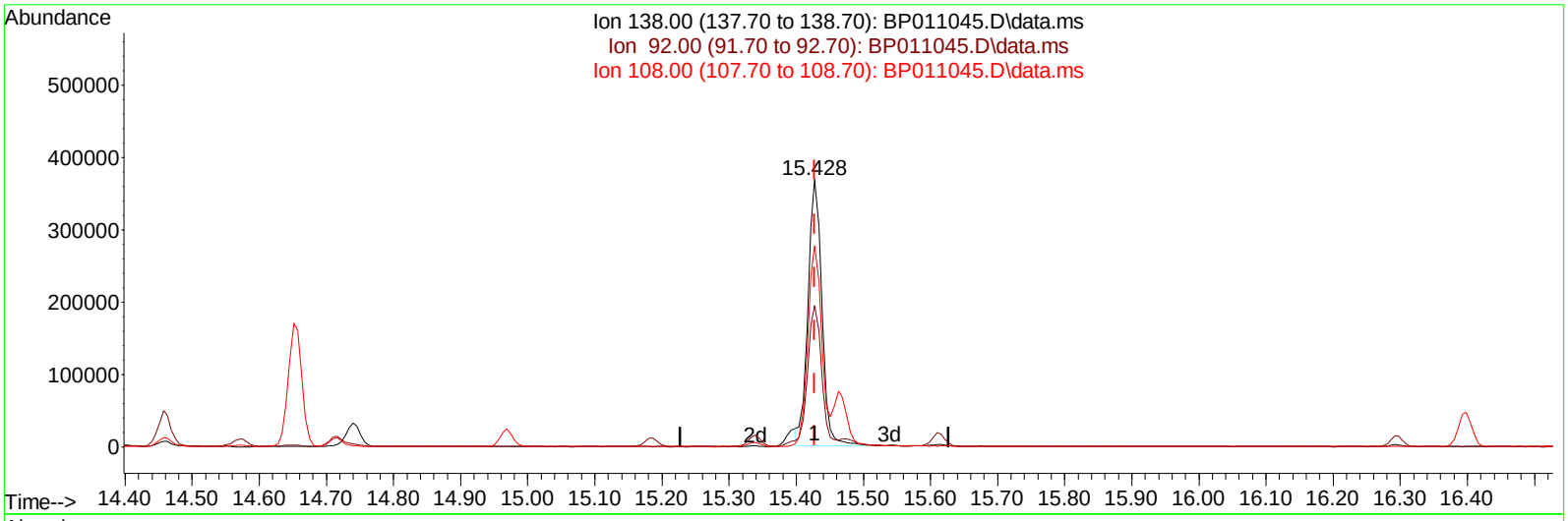

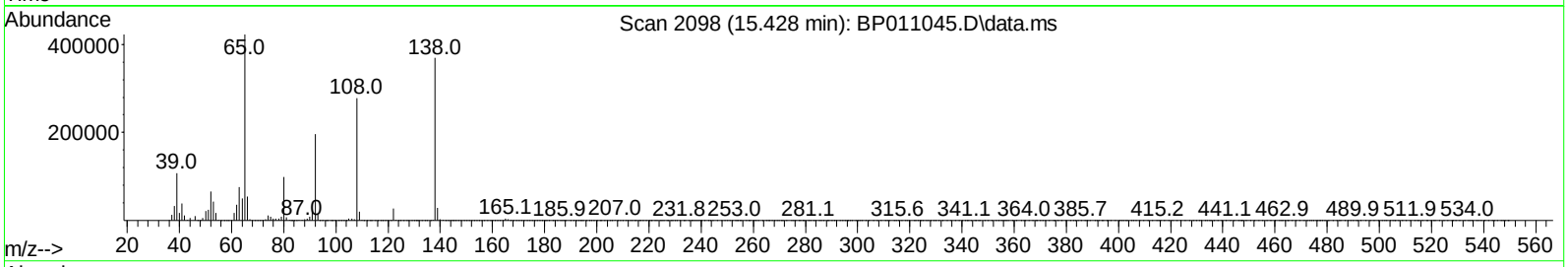

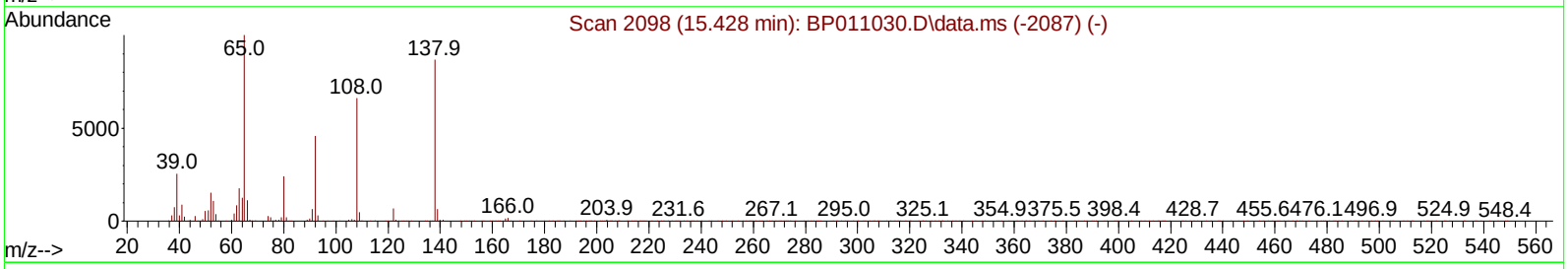

TIC: BP011045.D\data.ms

(63) 4-Nitroaniline

15.428min (-0.000) 47.89 ng/ul

response 531958

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	52.95
108.00	107.30	75.33#
0.00	0.00	0.00

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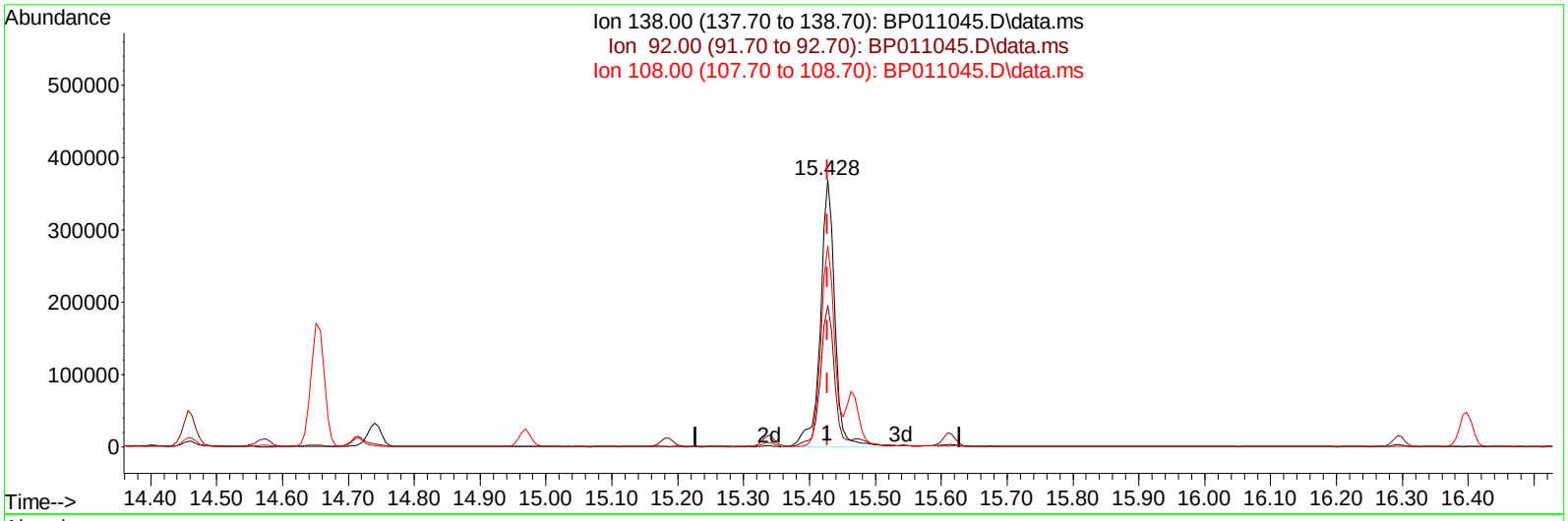

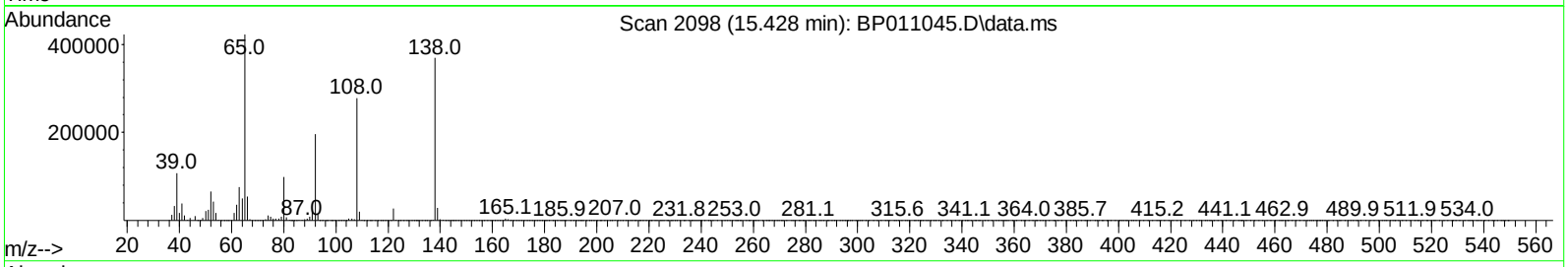

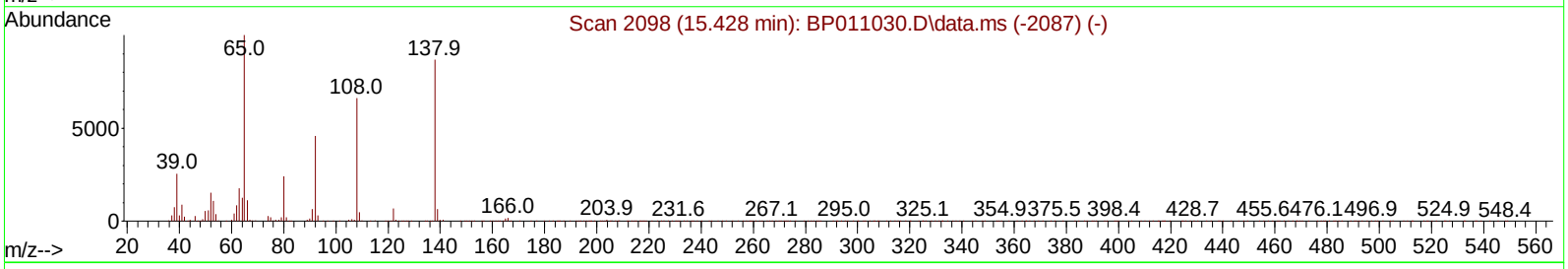

TIC: BP011045.D\data.ms

(63) 4-Nitroaniline

15.428min (-0.000) 51.37 ng/ul m

response 570600

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	52.95
108.00	107.30	75.33#
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	7.675	152	344355	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1431318	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	805716	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1633896	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.227	240	1511573	20.000	ng/ul	# 0.00
88) Perylene-d12	23.574	264	1529352	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	76680	8.028	ng/uL	0.00
4) Pyridine-d5	3.587	84	938265	38.003	ng/ul	0.00
7) Phenol-d5	6.858	99	1207376	42.713	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	781519	42.996	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	1000276	43.794	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	982671	43.425	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	476410	45.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	474600	45.983	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	841345	44.574	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	1263969	40.619	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	2517651	45.719	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	3061477	47.119	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	500874	44.942	ng/ul	0.00
60) Fluorene-d10	15.339	176	2090045	44.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	357323	44.196	ng/ul	0.00
73) Anthracene-d10	17.204	188	3162089	45.523	ng/ul	0.00
81) Pyrene-d10	19.463	212	3641332	45.868	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	3483326	47.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	149664	14.933	ng/uL#	88
5) Pyridine	3.605	79	900874	35.407	ng/ul#	79
6) Benzaldehyde	6.828	77	735854	53.594	ng/ul	97
8) Phenol	6.881	94	1182796	39.366	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.110	93	953257	39.975	ng/ul	92
12) 2-Chlorophenol	7.240	128	946463	40.088	ng/ul	94
13) 2-Methylphenol	8.128	108	879126	39.565	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1343177	41.182	ng/ul#	97
16) Acetophenone	8.504	105	1383408	40.384	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.499	70	704680	40.997	ng/ul	91
18) 4-Methylphenol	8.457	108	946881	39.912	ng/ul	97
19) Hexachloroethane	8.746	117	389864	41.727	ng/ul#	79
22) Nitrobenzene	8.881	77	1049596	42.789	ng/ul	92
23) Isophorone	9.410	82	1968009	42.867	ng/ul	99
25) 2-Nitrophenol	9.587	139	488092	42.130	ng/ul#	82
26) 2,4-Dimethylphenol	9.657	107	987408	40.303	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.899	93	1245181	40.985	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	795694	40.728	ng/ul	99
30) Naphthalene	10.522	128	2965080	40.652	ng/ul	100
32) 4-Chloroaniline	10.640	127	1109801	36.057	ng/ul	100
33) Hexachlorobutadiene	10.804	225	454145	39.934	ng/ul	96
34) Caprolactam	11.440	113	285164m	41.649	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	928185	42.039	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1895931	40.096	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	1917344	40.453	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	858029	40.377	ng/ul#	99
40) Hexachlorocyclopentadiene	12.487	237	539852	41.017	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	578590	41.344	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	639489	42.758	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	2447269	40.708	ng/ul#	97
44) 2-Chloronaphthalene	13.204	162	1866452	41.334	ng/ul	97
45) 2-Nitroaniline	13.422	65	598029	45.457	ng/ul#	84
47) Dimethylphthalate	13.804	163	2363817	42.541	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	473254	47.044	ng/ul	94
50) Acenaphthylene	14.057	152	2978603	40.856	ng/ul	98
51) 3-Nitroaniline	14.257	138	530967	43.931	ng/ul	90
52) Acenaphthene	14.404	153	2052488	42.497	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	223889	38.041	ng/ul	90
55) 4-Nitrophenol	14.575	109	354757	41.575	ng/ul#	77
56) Dibenzofuran	14.739	168	2735030	41.040	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	678619	47.292	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.969	232	502613	42.913	ng/ul#	84
59) Diethylphthalate	15.186	149	2460559	43.119	ng/ul	98
61) Fluorene	15.398	166	2249892	42.068	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	1014585	41.207	ng/ul	94
63) 4-Nitroaniline	15.428	138	570600m	51.369	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	339319	40.910	ng/ul#	99
67) N-Nitrosodiphenylamine	15.610	169	1926726	41.281	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	626810	42.536	ng/ul	97
69) Hexachlorobenzene	16.398	284	705586	41.256	ng/ul#	92
70) Atrazine	16.581	200	432440	26.783	ng/ul	96
71) Pentachlorophenol	16.751	266	407860	38.722	ng/ul	96
72) Phenanthrene	17.145	178	3551380	41.720	ng/ul	99
74) Anthracene	17.239	178	3576887	42.242	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	897518	38.371	ng/uL	98
76) Pentachlorobenzene	14.657	250	834894	40.719	ng/uL	99
77) Carbazole	17.522	167	3356448	42.352	ng/ul	98
78) Di-n-butylphthalate	18.086	149	4419502	44.612	ng/ul	99
80) Fluoranthene	19.133	202	4094290	44.096	ng/ul#	86
82) Pyrene	19.486	202	4156878	43.393	ng/ul#	80
83) Butylbenzylphthalate	20.386	149	2040883	47.756	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	1274766	47.628	ng/ul#	98
85) Benzo(a)anthracene	21.210	228	3982606	43.263	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.151	149	3028152	47.490	ng/ul#	96
87) Chrysene	21.263	228	3731072	41.277	ng/ul	99
89) Di-n-octyl phthalate	22.063	149	5133807	50.053	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	4144929	43.894	ng/ul#	96
91) Benzo(k)fluoranthene	22.910	252	3904961	44.024	ng/ul#	94
93) Benzo(a)pyrene	23.474	252	3587855	39.563	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.015	276	4653777	44.157	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.033	278	3858582	42.311	ng/ul#	92
96) Benzo(g,h,i)perylene	26.756	276	3792511	42.251	ng/ul#	87

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

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