Quantitation Report (Qedit)

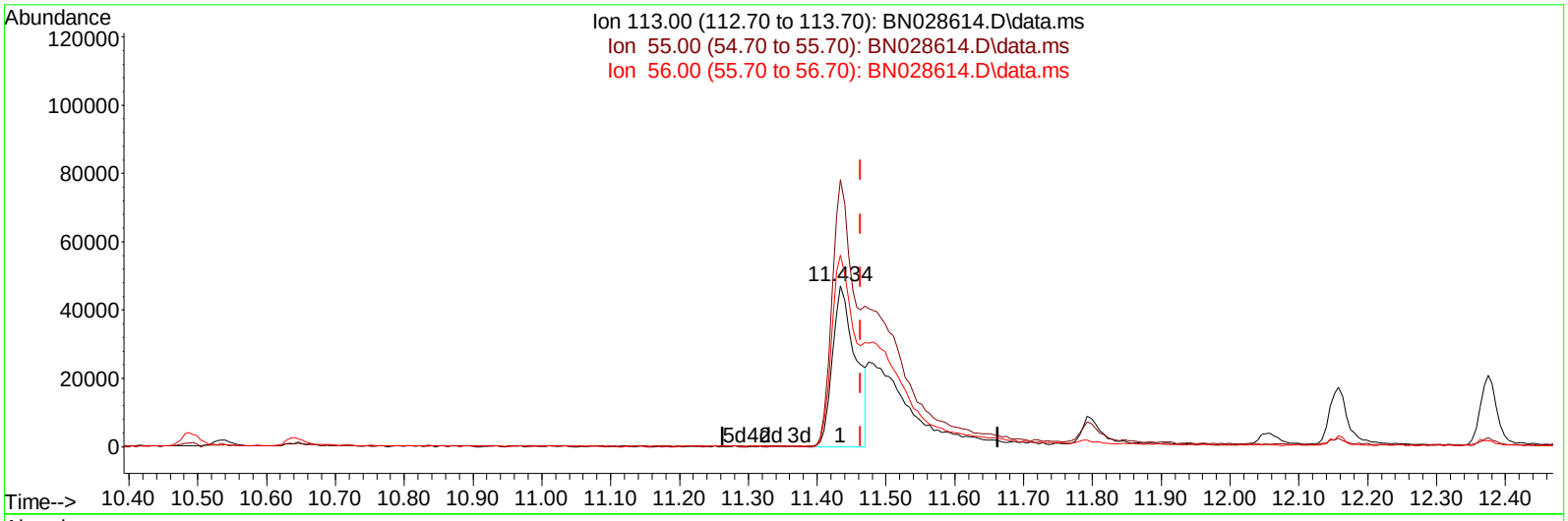
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028614.D
Acq On : 14 Nov 2023 22:34
Operator : MA/JU
Sample : PB157091BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

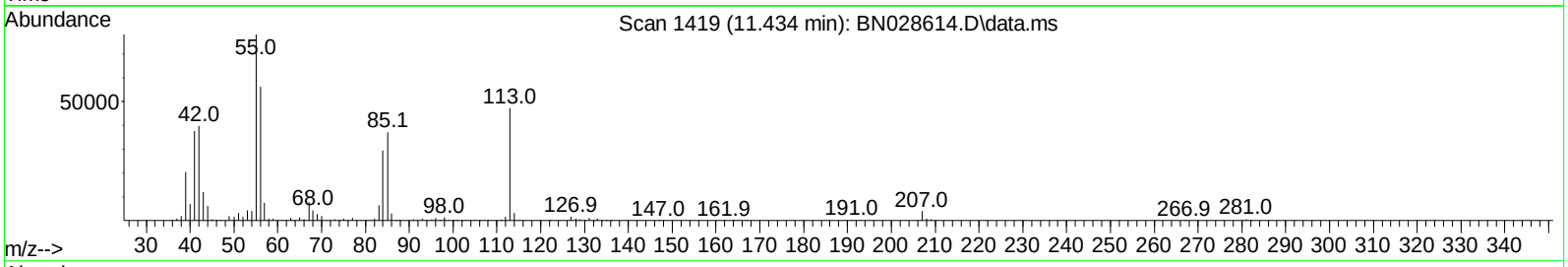
Quant Time: Nov 14 23:40:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 04:50:19 2023
Response via : Initial Calibration

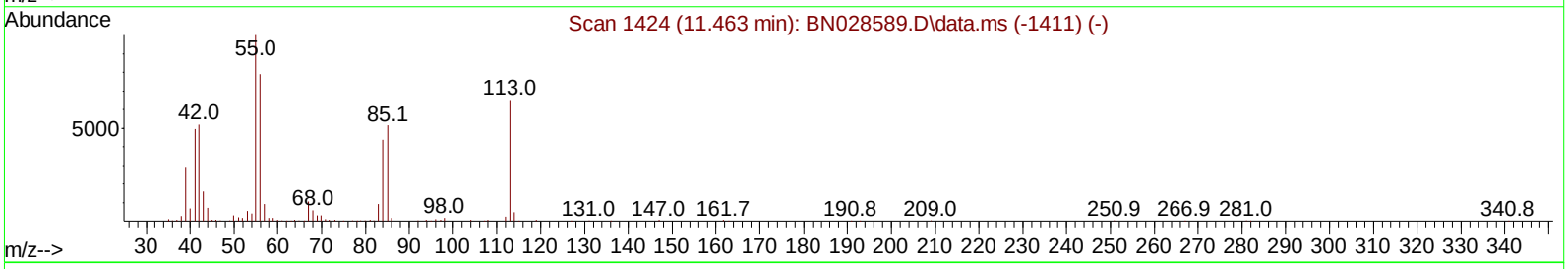
Instrument :
BNA_N
ClientSampleId :
SLCS091

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/16/2023







TIC: BN028614.D\data.ms

(34) Caprolactam

11.434min (-0.029) 28.31 ng/ul

response 109597

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.65
56.00	122.60	118.95
0.00	0.00	0.00

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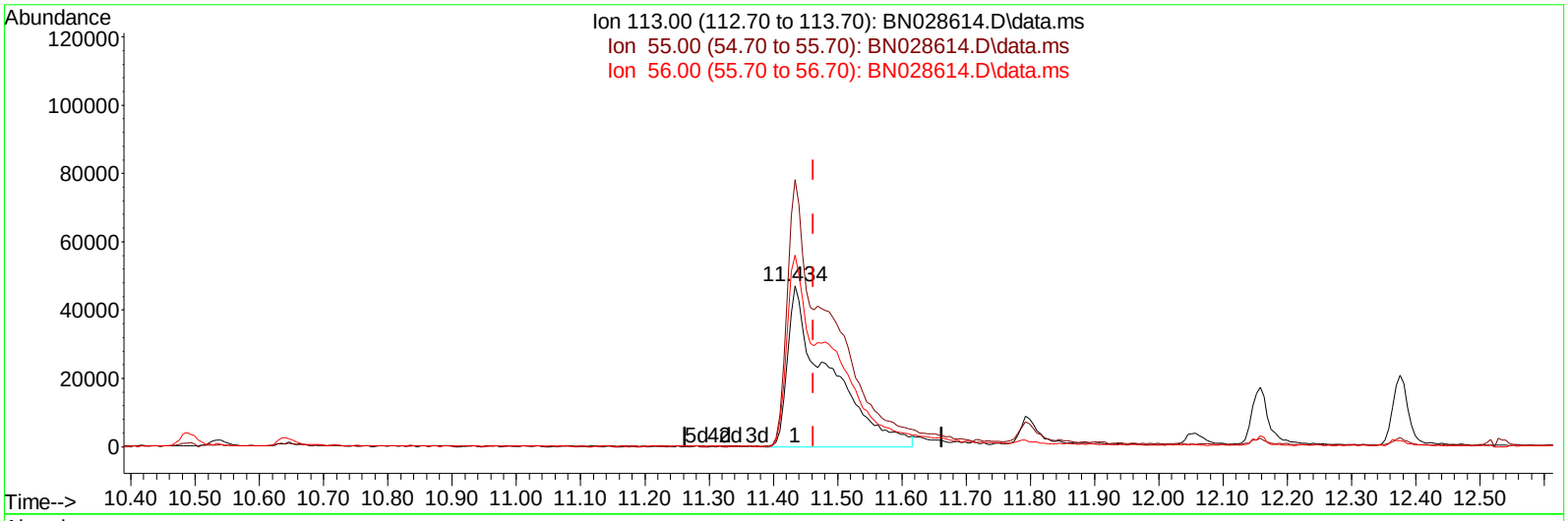

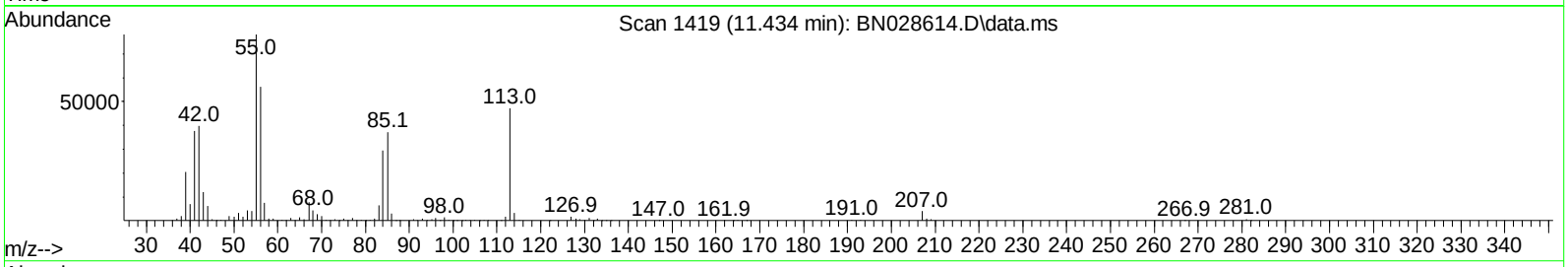

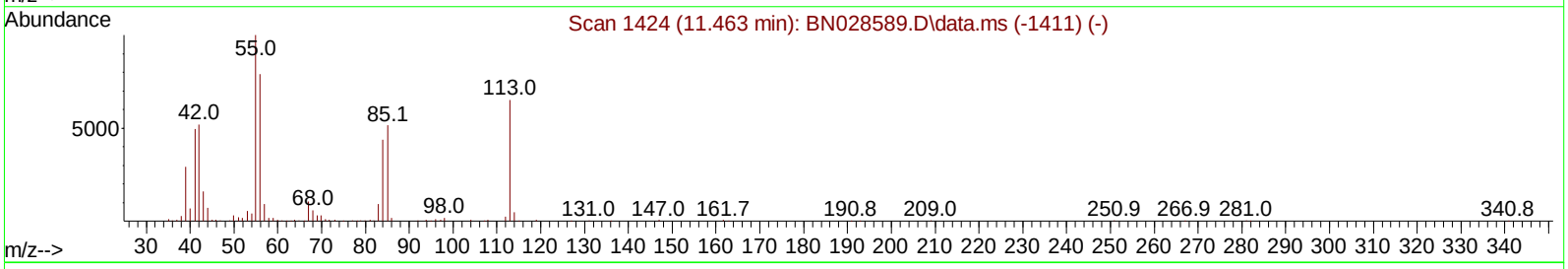

TIC: BN028614.D\data.ms

(34) Caprolactam

11.434min (-0.029) 54.26 ng/ul m

response 210056

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.65
56.00	122.60	118.95
0.00	0.00	0.00

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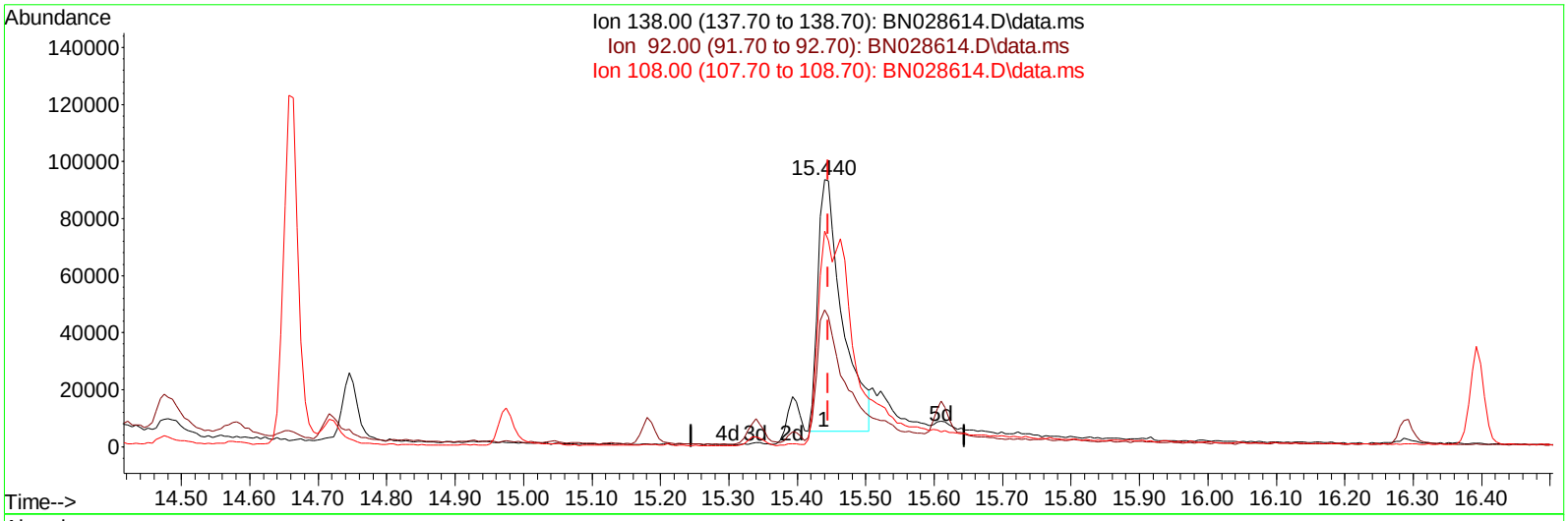

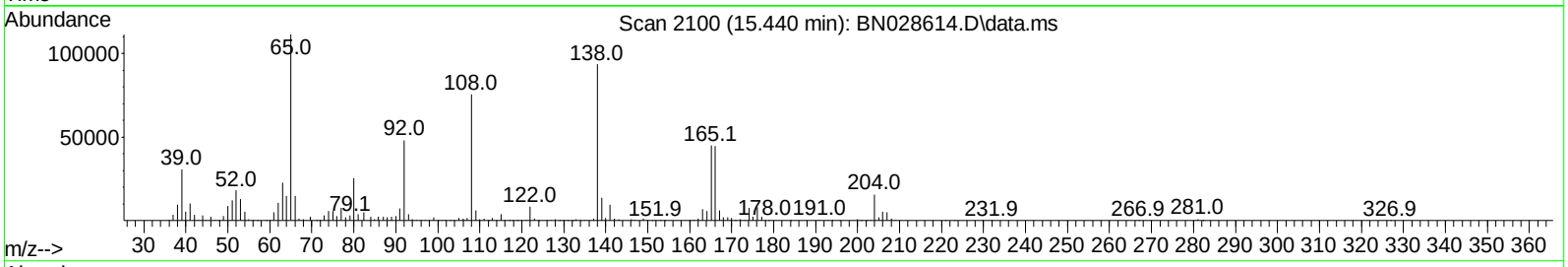

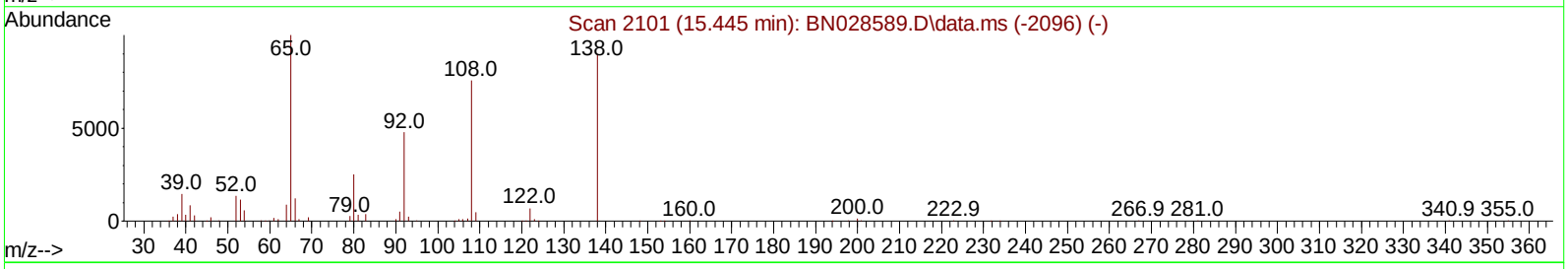

TIC: BN028614.D\data.ms

(63) 4-Nitroaniline

15.440min (-0.005) 27.06 ng/ul

response 218309

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	51.39
108.00	81.50	80.83
0.00	0.00	0.00

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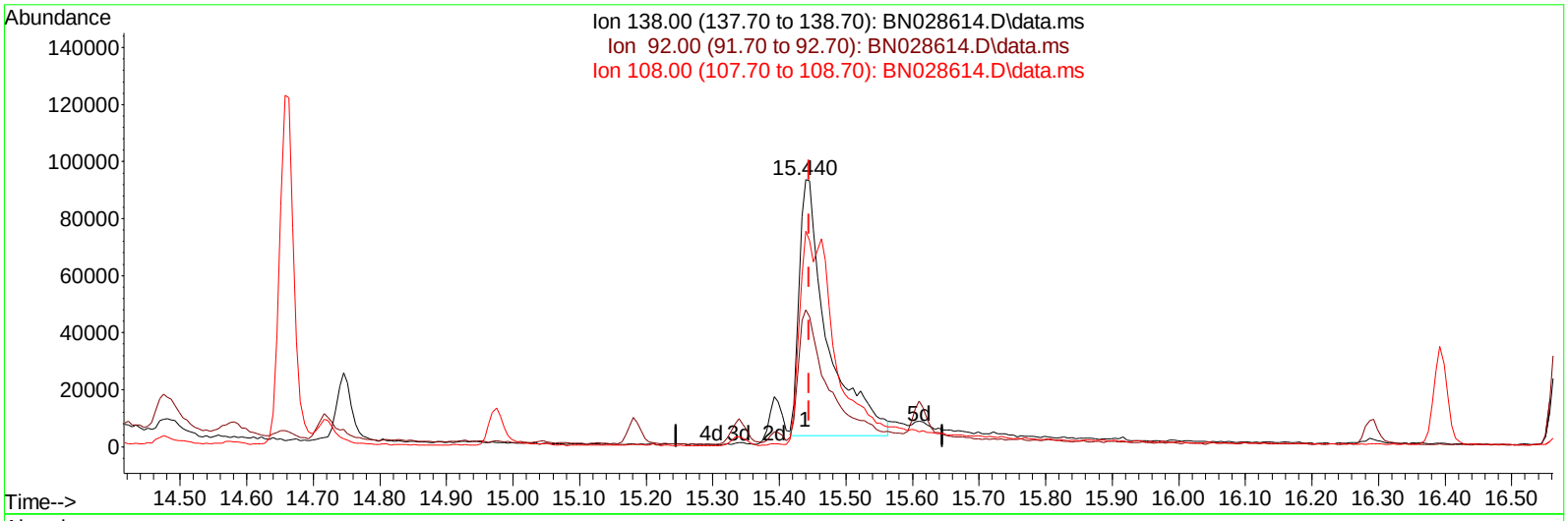

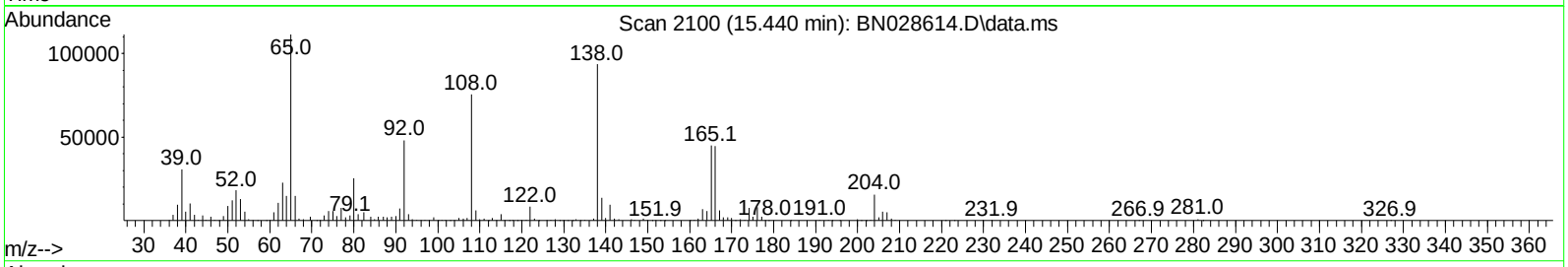

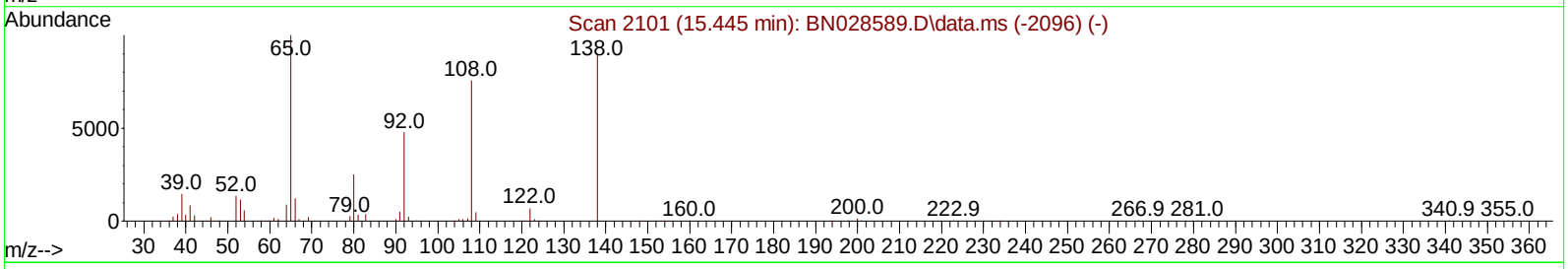

TIC: BN028614.D\data.ms

(63) 4-Nitroaniline

15.440min (-0.005) 32.53 ng/ul m

response 262434

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	51.39
108.00	81.50	80.83
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	7.705	152	119557	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	723476	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	486955	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1037978	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	867351	20.000	ng/ul	0.00
88) Perylene-d12	23.604	264	780360	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	38439	11.512	ng/uL	0.00
4) Pyridine-d5	3.558	84	338144	46.194	ng/ul	0.00
7) Phenol-d5	6.881	99	634271	55.533	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	374822	53.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	556289	55.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	507820	53.994	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	261800	40.303	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	282868	41.600	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	527109	45.592	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.640	131	637556	36.387	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1914900	43.613	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	2161327	42.709	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	221066	47.511	ng/ul	-0.02
60) Fluorene-d10	15.340	176	1539239	42.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	276631	47.978	ng/ul	0.00
73) Anthracene-d10	17.192	188	2313842	39.935	ng/ul	0.00
81) Pyrene-d10	19.498	212	2739536	41.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	2193857	44.907	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	80034	22.443	ng/uL	93
5) Pyridine	3.575	79	412028	54.439	ng/ul	95
6) Benzaldehyde	6.852	77	129015	23.956	ng/ul	96
8) Phenol	6.905	94	704192	61.974	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.134	93	524022	54.336	ng/ul	97
12) 2-Chlorophenol	7.263	128	580332	58.434	ng/ul	98
13) 2-Methylphenol	8.152	108	495004	54.366	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.228	45	946243	63.554	ng/ul	100
16) Acetophenone	8.528	105	872361	56.413	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.511	70	478849	59.373	ng/ul	99
18) 4-Methylphenol	8.481	108	545400	55.783	ng/ul	95
19) Hexachloroethane	8.763	117	264894	58.070	ng/ul	97
22) Nitrobenzene	8.899	77	591957	42.580	ng/ul	99
23) Isophorone	9.422	82	1466829	47.317	ng/ul	99
25) 2-Nitrophenol	9.610	139	288252	40.305	ng/ul	98
26) 2,4-Dimethylphenol	9.681	107	531847	37.951	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	772077	43.126	ng/ul	97
29) 2,4-Dichlorophenol	10.146	162	534652	46.737	ng/ul	96
30) Naphthalene	10.534	128	2043704	44.116	ng/ul	99
32) 4-Chloroaniline	10.663	127	568335	34.598	ng/ul	99
33) Hexachlorobutadiene	10.822	225	377642	44.053	ng/ul	94
34) Caprolactam	11.434	113	210056m	54.258	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	611126	48.979	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	1429058	46.591	ng/ul	96
37) 1-Methylnaphthalene	12.375	142	1432472	45.205	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.528	216	711620	43.014	ng/ul	88
40) Hexachlorocyclopentadiene	12.504	237	371315	44.570	ng/ul	94
41) 2,4,6-Trichlorophenol	12.775	196	447965	46.193	ng/ul	98
42) 2,4,5-Trichlorophenol	12.851	196	434883	37.537	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1877753	43.749	ng/ul	100
44) 2-Chloronaphthalene	13.216	162	1501396	43.845	ng/ul	98
45) 2-Nitroaniline	13.434	65	386179	44.152	ng/ul	97
47) Dimethylphthalate	13.810	163	2023321	46.482	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	405806	47.213	ng/ul	99
50) Acenaphthylene	14.063	152	2610489	45.792	ng/ul	98
51) 3-Nitroaniline	14.269	138	252485	29.966	ng/ul	97
52) Acenaphthene	14.404	153	1737061	46.303	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	96535	45.837	ng/ul#	75
55) 4-Nitrophenol	14.587	109	164269	53.977	ng/ul	95
56) Dibenzofuran	14.745	168	2286764	45.685	ng/ul	100
57) 2,4-Dinitrotoluene	14.716	165	591120	50.029	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	429772	46.083	ng/ul	99
59) Diethylphthalate	15.181	149	2115642	47.532	ng/ul	99
61) Fluorene	15.392	166	1929944	46.257	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	913576	45.247	ng/ul	99
63) 4-Nitroaniline	15.440	138	262434m	32.529	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	306401	50.860	ng/ul#	95
67) N-Nitrosodiphenylamine	15.610	169	1606972	44.905	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	541100	43.634	ng/ul	98
69) Hexachlorobenzene	16.392	284	660643	45.363	ng/ul	99
70) Atrazine	16.569	200	379676	34.641	ng/ul	96
71) Pentachlorophenol	16.745	266	359103	49.161	ng/ul	94
72) Phenanthrene	17.134	178	3008834	46.253	ng/ul	99
74) Anthracene	17.228	178	2897540	42.647	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.140	216	778364	43.823	ng/uL	99
76) Pentachlorobenzene	14.663	250	788423	45.298	ng/uL	94
77) Carbazole	17.504	167	2567747	46.135	ng/ul	100
78) Di-n-butylphthalate	18.081	149	3560050	47.879	ng/ul	100
80) Fluoranthene	19.163	202	3480304	45.220	ng/ul	97
82) Pyrene	19.528	202	3566943	44.934	ng/ul	98
83) Butylbenzylphthalate	20.445	149	1550593	46.778	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	762174	38.583	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3073169	44.947	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2176969	46.715	ng/ul	99
87) Chrysene	21.339	228	3131557	44.279	ng/ul	96
89) Di-n-octyl phthalate	22.133	149	3646919	54.158	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	2913730	51.630	ng/ul	99
91) Benzo(k)fluoranthene	22.957	252	2885212	45.573	ng/ul	97
93) Benzo(a)pyrene	23.504	252	2692618	47.948	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.963	276	2961235	45.121	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	2428378	44.883	ng/ul	98
96) Benzo(g,h,i)perylene	26.692	276	2432950	46.981	ng/ul	98

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

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