Quantitation Report (Qedit)

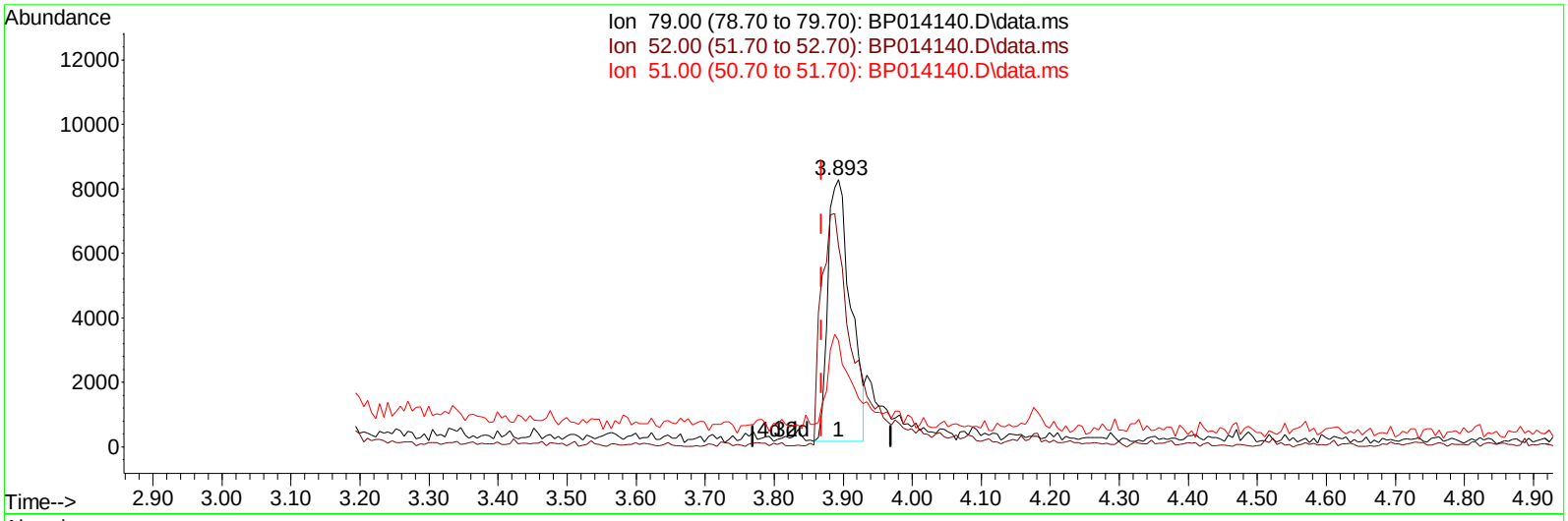
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014140.D
Acq On : 20 Mar 2023 15:01
Operator : CG/JU
Sample : 01927-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

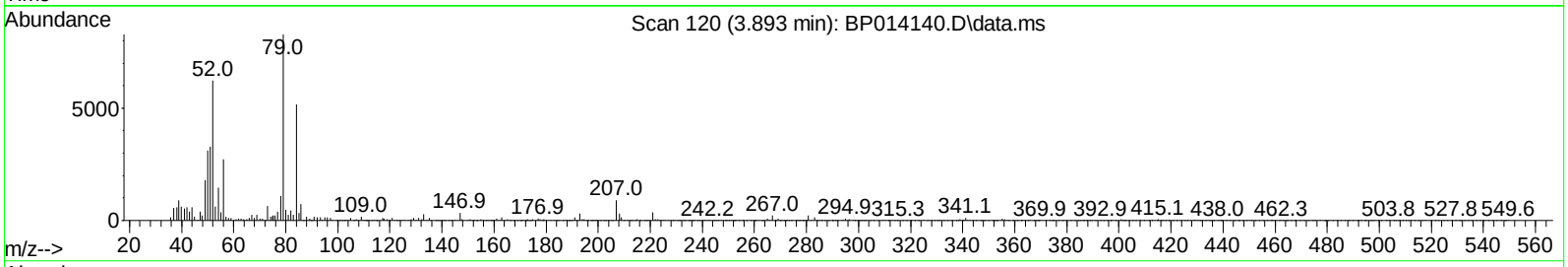
Quant Time: Mar 21 00:45:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 13:12:59 2023
Response via : Initial Calibration

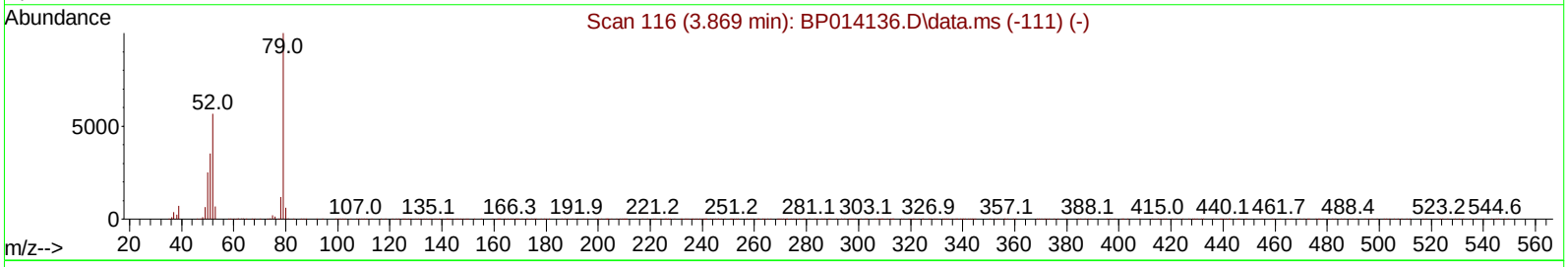
Instrument :
BNA_P
ClientSampleId :
DCAQ8MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023







TIC: BP014140.D\data.ms

(5) Pyridine

3.893min (+ 0.024) 1.58 ng/ul

response 18576

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	68.90	75.34
51.00	36.10	39.74
0.00	0.00	0.00

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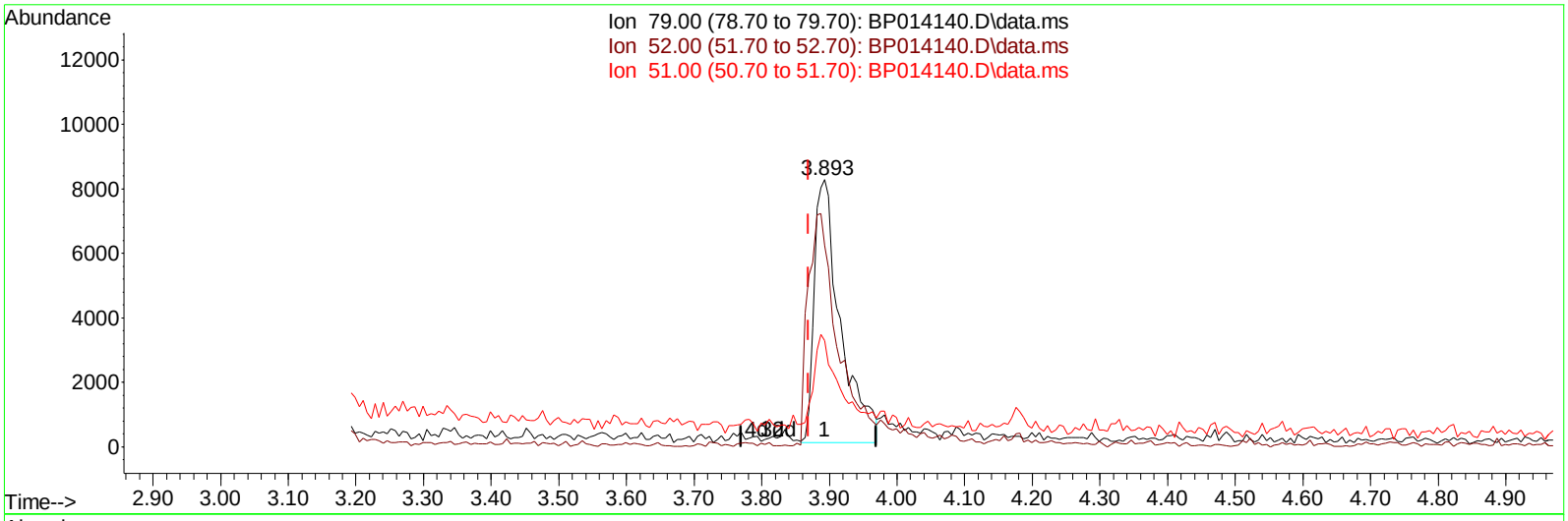

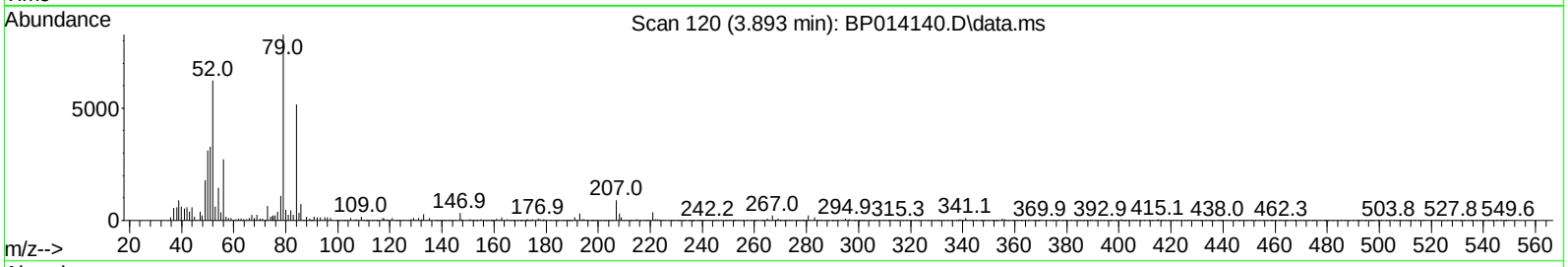

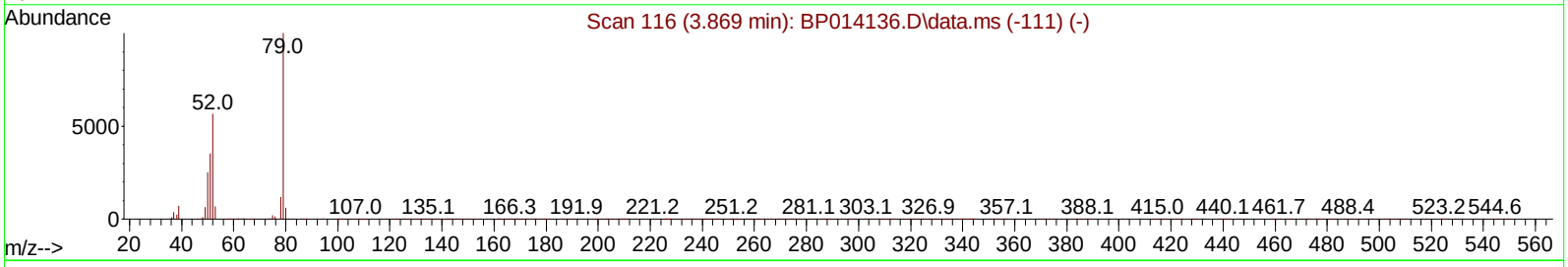

TIC: BP014140.D\data.ms

(5) Pyridine

3.893min (+ 0.024) 1.88 ng/ul m

response 22026

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	68.90	75.34
51.00	36.10	39.74
0.00	0.00	0.00

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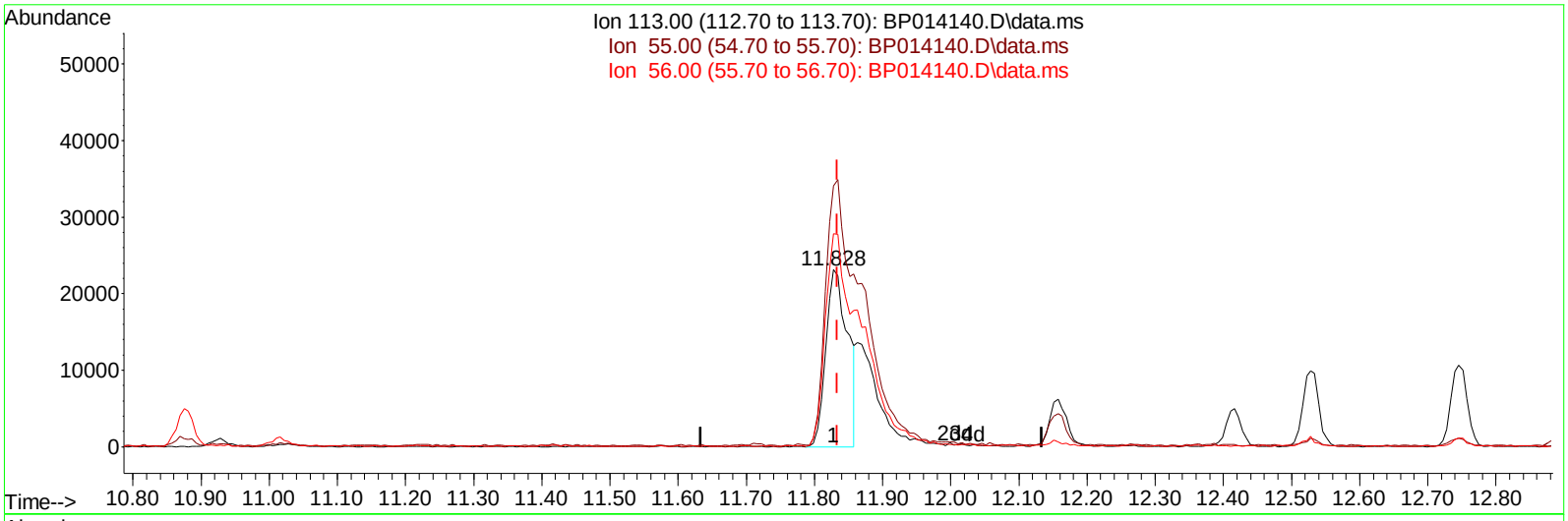

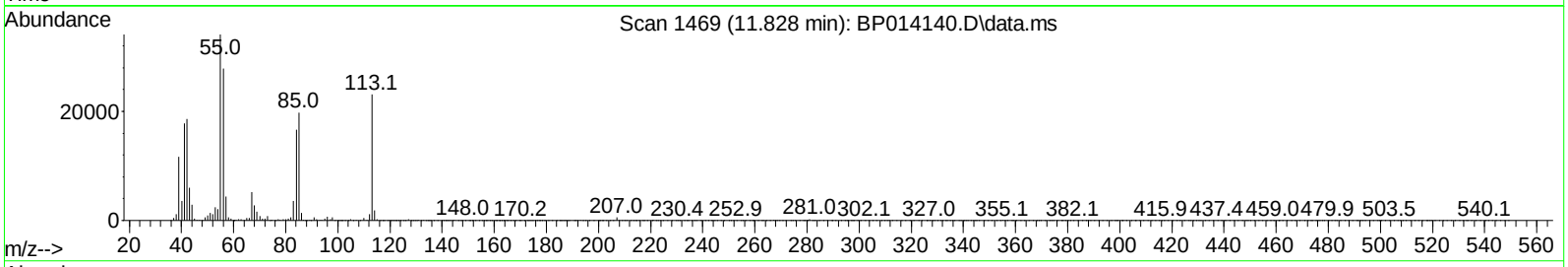

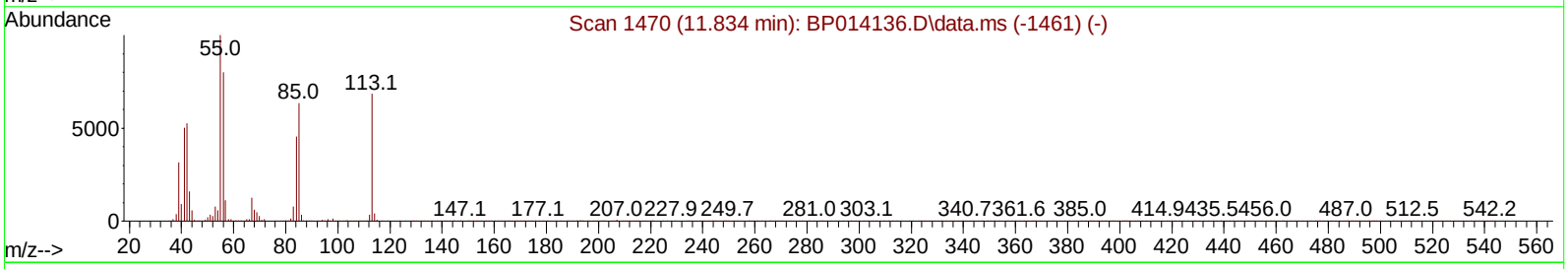

TIC: BP014140.D\data.ms

(34) Caprolactam

11.828min (-0.006) 13.61 ng/ul

response 51630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	147.53
56.00	127.50	120.49
0.00	0.00	0.00

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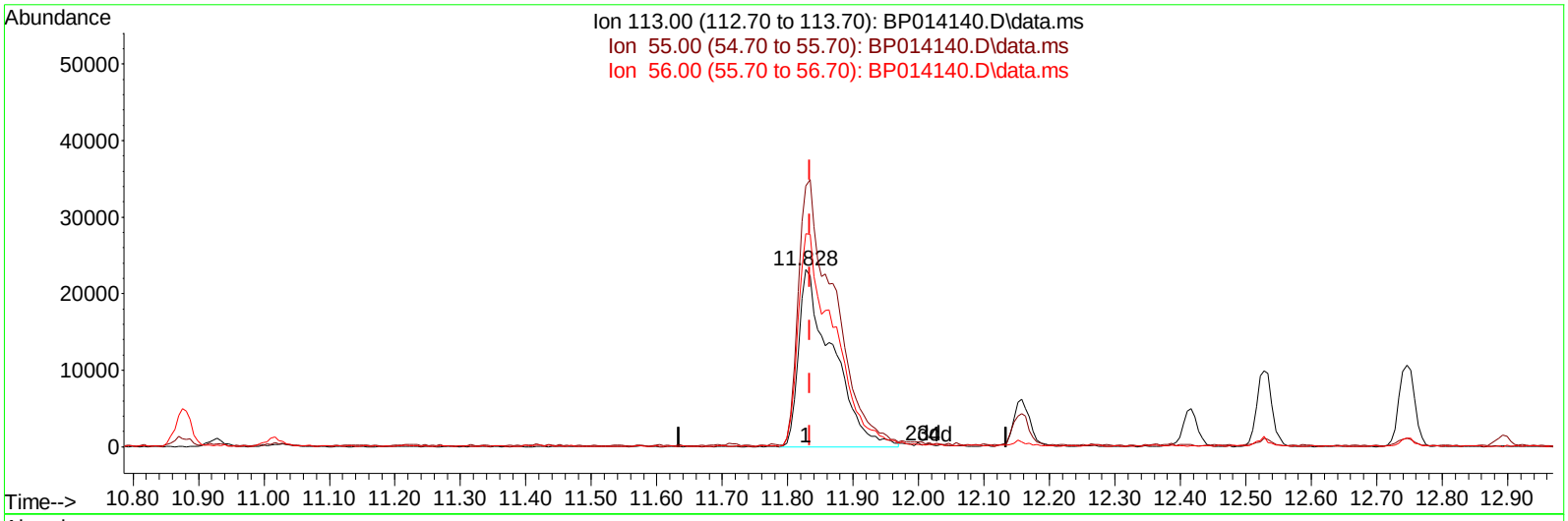

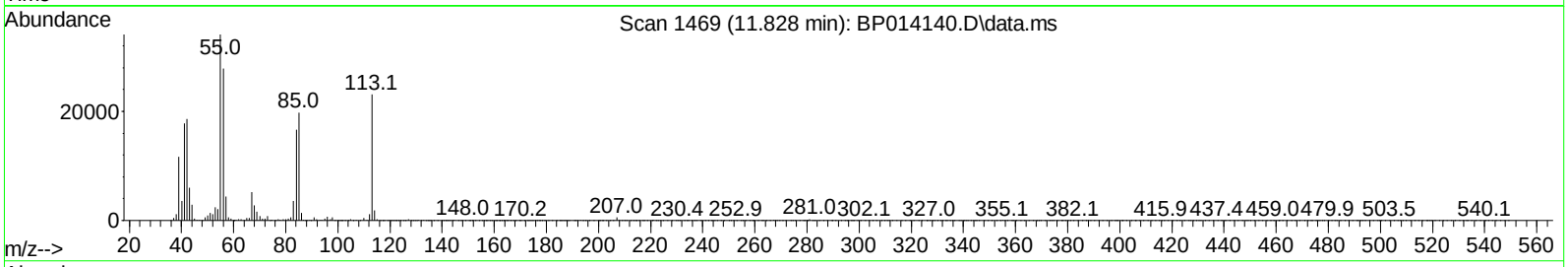

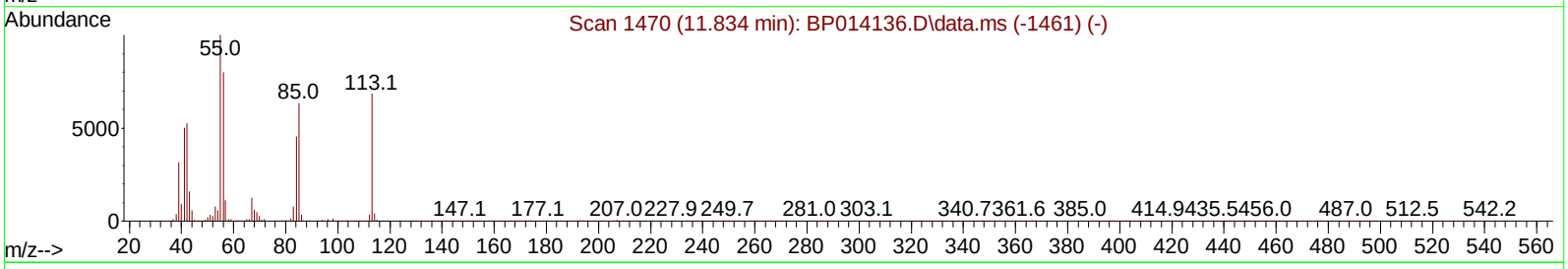

TIC: BP014140.D\data.ms

(34) Caprolactam

11.828min (-0.006) 21.84 ng/ul m

response 82858

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	147.53
56.00	127.50	120.49
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	8.058	152	157904	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	659140	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	462167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1106839	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1074103	20.000	ng/ul	0.00
88) Perylene-d12	24.063	264	1013468	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	13820	3.307	ng/uL	0.00
4) Pyridine-d5	3.870	84	25474	2.201	ng/ul	0.02
7) Phenol-d5	7.211	99	286008	20.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	175701	21.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	221690	20.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	229207	20.137	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	116363	22.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	137221	21.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	253118	21.368	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	166005	10.590	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	859722	21.919	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	943834	22.715	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	141253	20.436	ng/ul	0.00
60) Fluorene-d10	15.687	176	739817	22.256	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	170846	20.423	ng/ul	0.00
73) Anthracene-d10	17.551	188	1212777	22.571	ng/ul	0.00
81) Pyrene-d10	19.775	212	1512216	25.527	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1259693	23.367	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	32667	7.241	ng/uL	96
5) Pyridine	3.893	79	22026m	1.877	ng/ul	
6) Benzaldehyde	7.187	77	184857	26.661	ng/ul	98
8) Phenol	7.240	94	337076	23.457	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.469	93	252910	22.972	ng/ul	98
12) 2-Chlorophenol	7.616	128	241766	22.603	ng/ul	95
13) 2-Methylphenol	8.499	108	230167	21.540	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.587	45	309308	26.016	ng/ul	99
16) Acetophenone	8.887	105	494158	26.874	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	227270	24.160	ng/ul	97
18) 4-Methylphenol	8.828	108	262541	22.338	ng/ul	98
19) Hexachloroethane	9.140	117	109899	23.459	ng/ul	99
22) Nitrobenzene	9.269	77	329099	23.392	ng/ul	98
23) Isophorone	9.799	82	648834	23.949	ng/ul	98
25) 2-Nitrophenol	9.987	139	151347	23.326	ng/ul	97
26) 2,4-Dimethylphenol	10.040	107	204975	14.433	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.275	93	368352	23.505	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	267275	22.873	ng/ul	97
30) Naphthalene	10.928	128	830353	22.941	ng/ul	100
32) 4-Chloroaniline	11.040	127	223575	14.173	ng/ul	99
33) Hexachlorobutadiene	11.205	225	206483	22.206	ng/ul	95
34) Caprolactam	11.828	113	82858m	21.839	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	321455	23.790	ng/ul	96

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DCAQ8MS

Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.528	142	587485	23.141	ng/ul	98
37)	1-Methylnaphthalene	12.746	142	610607	23.929	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.893	216	384237	22.991	ng/ul	99
40)	Hexachlorocyclopentadiene	12.869	237	147844	12.354	ng/ul	99
41)	2,4,6-Trichlorophenol	13.134	196	245477	23.382	ng/ul	99
42)	2,4,5-Trichlorophenol	13.210	196	269766	23.413	ng/ul	98
43)	1,1'-Biphenyl	13.528	154	831644	23.373	ng/ul	99
44)	2-Chloronaphthalene	13.575	162	668187	23.644	ng/ul	98
45)	2-Nitroaniline	13.781	65	217117	25.977	ng/ul	96
47)	Dimethylphthalate	14.146	163	911917	23.489	ng/ul	99
48)	2,6-Dinitrotoluene	14.275	165	195806	25.510	ng/ul	95
50)	Acenaphthylene	14.422	152	1054231	24.177	ng/ul	100
51)	3-Nitroaniline	14.604	138	157295	23.145	ng/ul	93
52)	Acenaphthene	14.763	153	728221	23.889	ng/ul	99
53)	2,4-Dinitrophenol	14.816	184	117709	20.535	ng/ul	96
55)	4-Nitrophenol	14.916	109	150709	20.185	ng/ul	88
56)	Dibenzofuran	15.093	168	1059363	23.888	ng/ul	100
57)	2,4-Dinitrotoluene	15.063	165	287850	25.100	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.322	232	258355	23.438	ng/ul	98
59)	Diethylphthalate	15.504	149	970525	24.647	ng/ul	100
61)	Fluorene	15.745	166	868352	23.622	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.734	204	471967	23.262	ng/ul	97
63)	4-Nitroaniline	15.775	138	180838	25.887	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.828	198	183657	23.012	ng/ul	99
67)	N-Nitrosodiphenylamine	15.951	169	762724	24.399	ng/ul	100
68)	4-Bromophenyl-phenylether	16.634	248	317298	23.713	ng/ul	97
69)	Hexachlorobenzene	16.751	284	372862	23.647	ng/ul	99
70)	Atrazine	16.904	200	271777	20.157	ng/ul	98
71)	Pentachlorophenol	17.098	266	213782	20.742	ng/ul	97
72)	Phenanthrene	17.492	178	1471896	24.381	ng/ul	100
74)	Anthracene	17.587	178	1455366	23.776	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.499	216	385205	22.677	ng/uL	99
76)	Pentachlorobenzene	15.010	250	405982	23.008	ng/uL	99
77)	Carbazole	17.857	167	1328269	24.601	ng/ul	99
78)	Di-n-butylphthalate	18.386	149	1761554	26.106	ng/ul	99
80)	Fluoranthene	19.451	202	1881167	27.860	ng/ul	97
82)	Pyrene	19.804	202	1936091	27.486	ng/ul	97
83)	Butylbenzylphthalate	20.657	149	844385	29.730	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.439	252	438778	15.958	ng/ul	99
85)	Benzo(a)anthracene	21.516	228	1902323	25.180	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.410	149	1248089	29.393	ng/ul	100
87)	Chrysene	21.575	228	1798568	24.980	ng/ul	99
89)	Di-n-octyl phthalate	22.375	149	2124861	33.227	ng/ul	100
90)	Benzo(b)fluoranthene	23.286	252	1783115	26.404	ng/ul	100
91)	Benzo(k)fluoranthene	23.333	252	1652066	25.655	ng/ul	99
93)	Benzo(a)pyrene	23.951	252	1420494	24.183	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.721	276	1648332	21.198	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.733	278	1374148	21.263	ng/ul	99
96)	Benzo(g,h,i)perylene	27.539	276	1285902	20.690	ng/ul	98

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

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