Quantitation Report (Qedit)

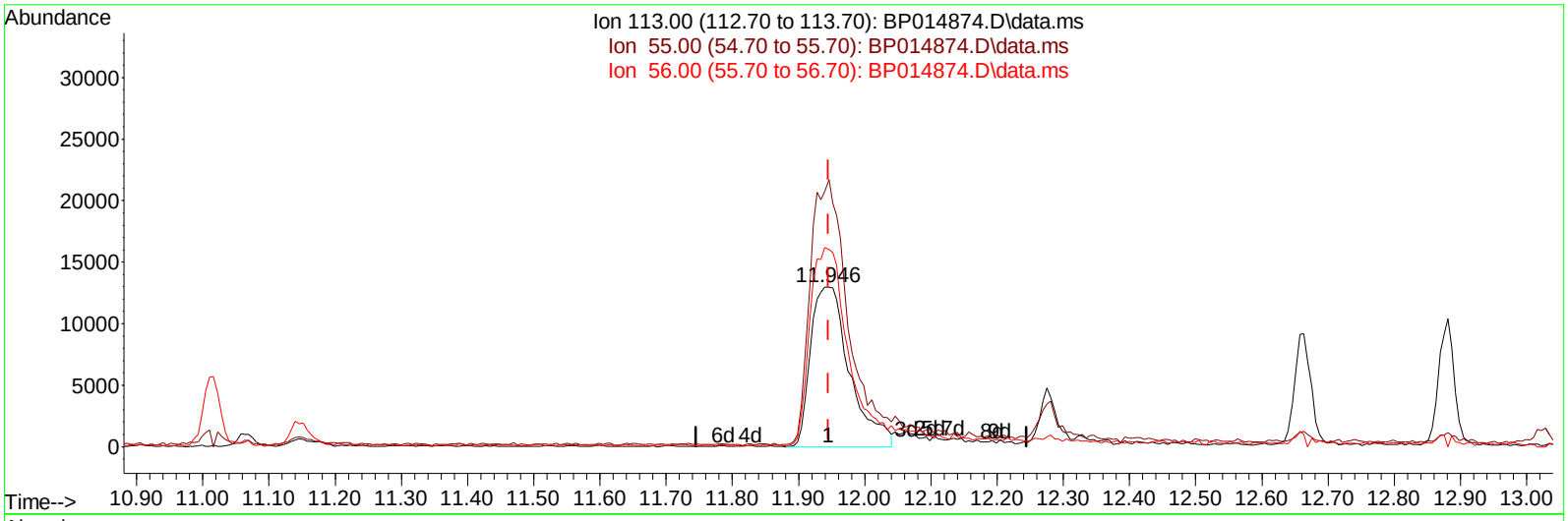
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014874.D
Acq On : 28 Apr 2023 13:55
Operator : CG/JU
Sample : SSTD02061
Misc :
ALS Vial : 4 Sample Multiplier: 1

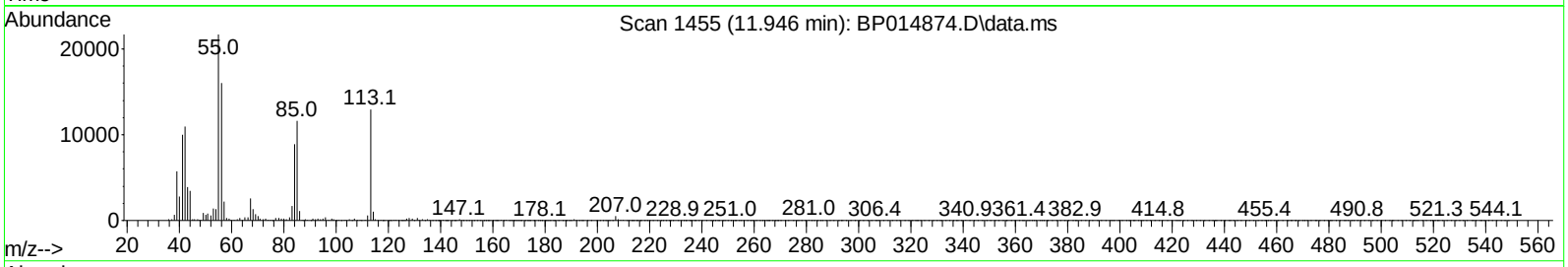
Quant Time: Apr 28 23:57:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 17:04:54 2023
Response via : Initial Calibration

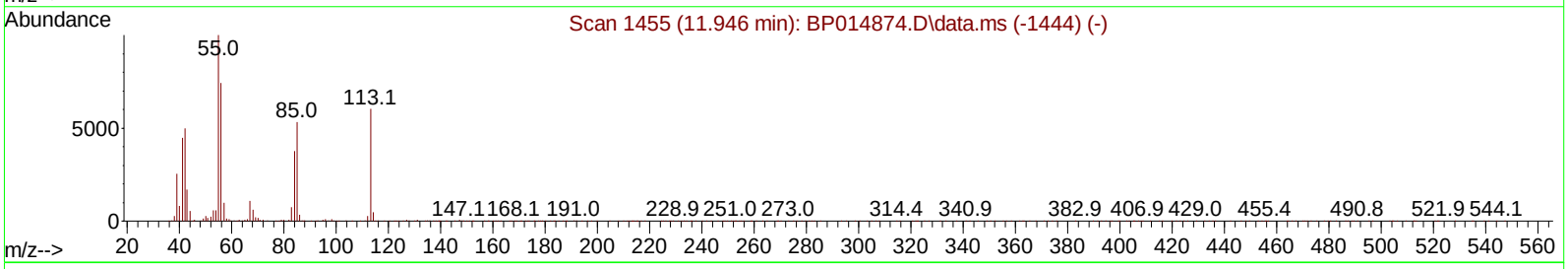
Instrument :
BNA_P
ClientSampleId :
SSTD020648

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023







TIC: BP014874.D\data.ms

(34) Caprolactam

11.946min (0.000) 16.46 ng/ul

response 53197

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	167.14
56.00	123.40	123.44
0.00	0.00	0.00

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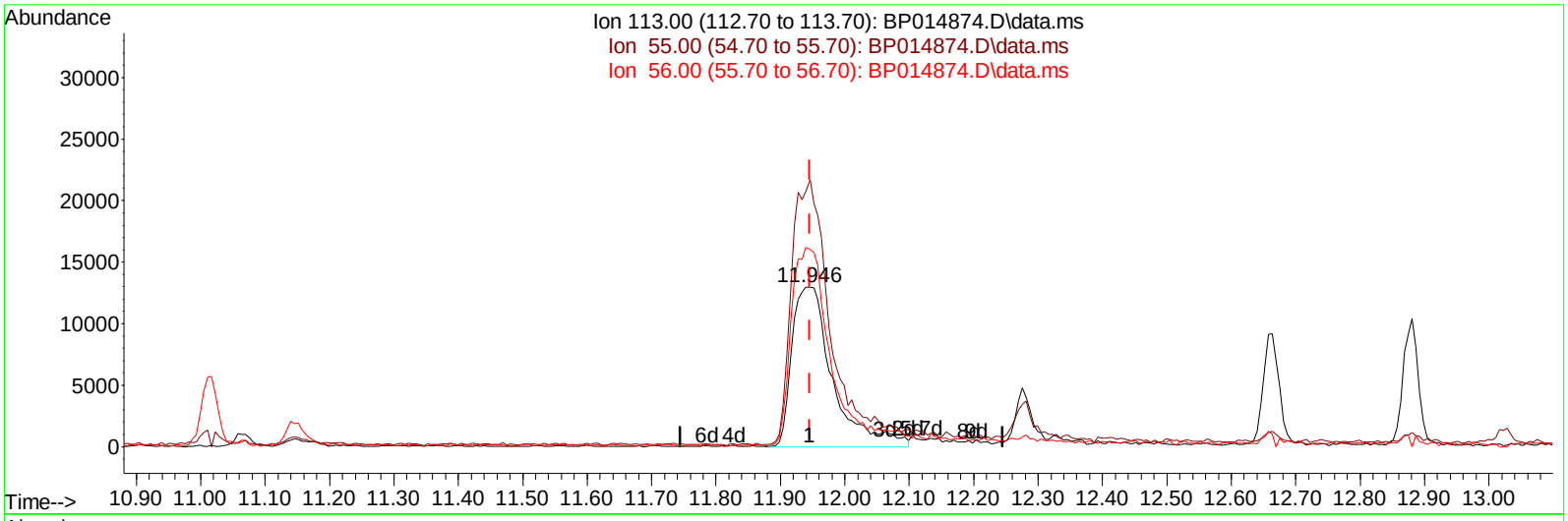

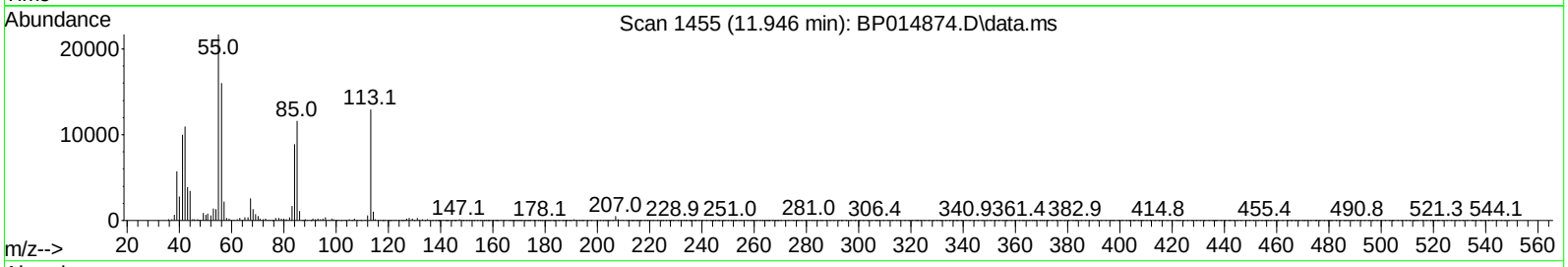

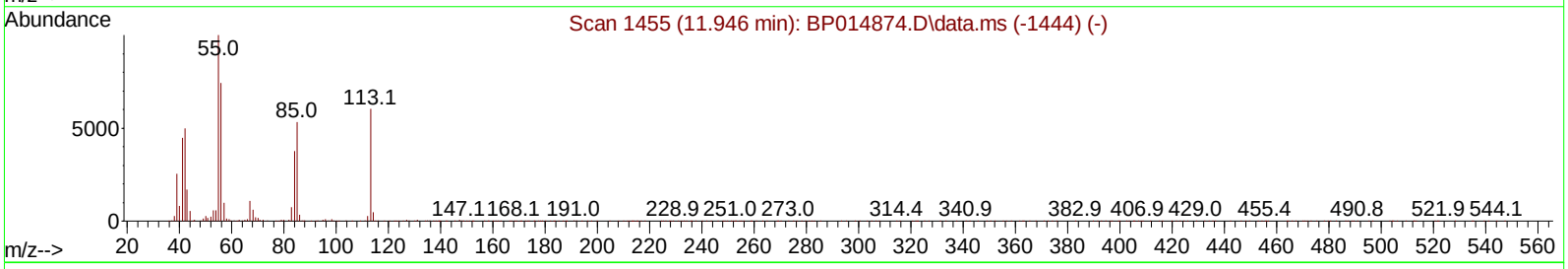

TIC: BP014874.D\data.ms

(34) Caprolactam

11.946min (0.000) 17.48 ng/ul m

response 56496

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	167.14
56.00	123.40	123.44
0.00	0.00	0.00

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 29 00:25:06 2023
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Quant Title : SVOA CALIBRATION
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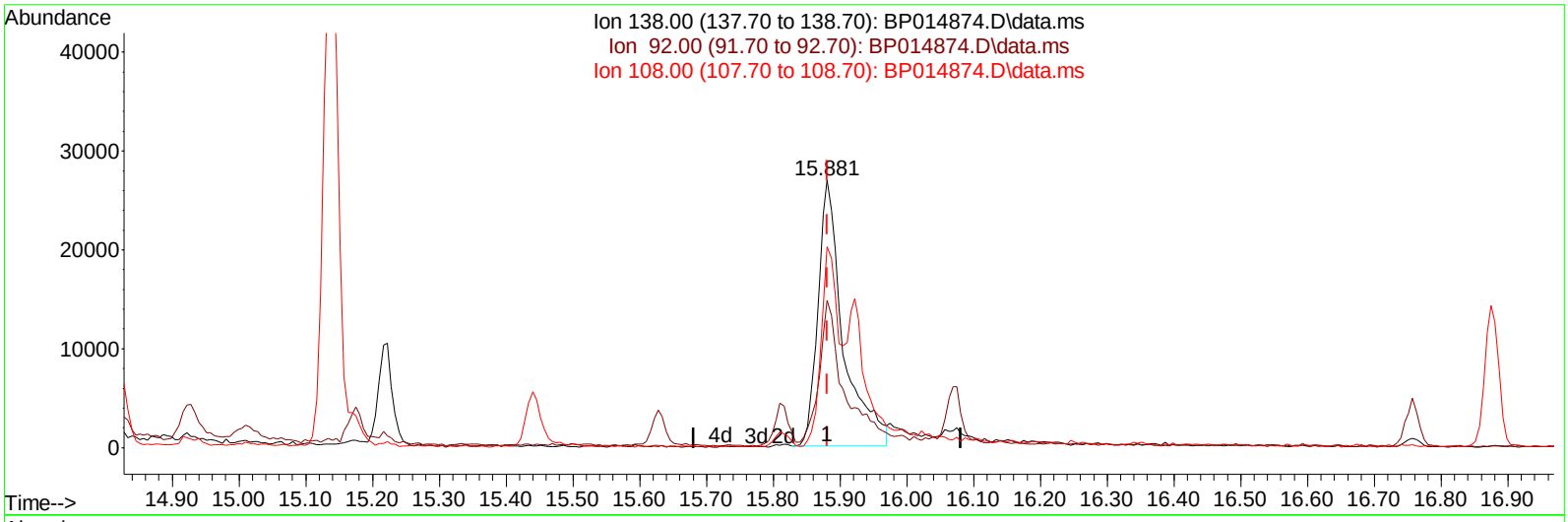

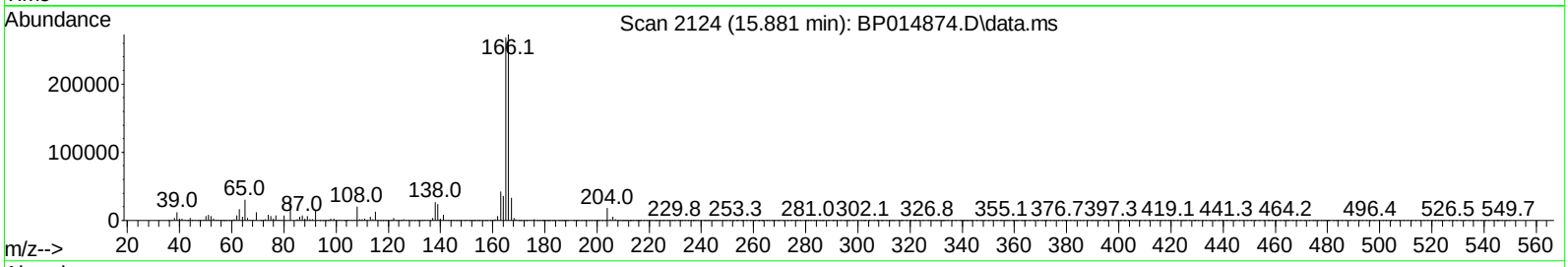

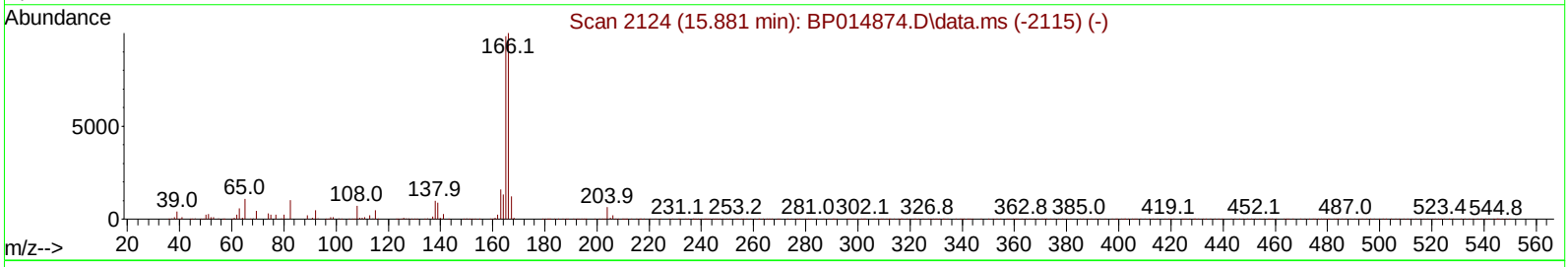

TIC: BP014874.D\data.ms

(63) 4-Nitroaniline

15.881min (0.000) 16.37 ng/ul

response 70254

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.20	55.16
108.00	75.10	75.13
0.00	0.00	0.00

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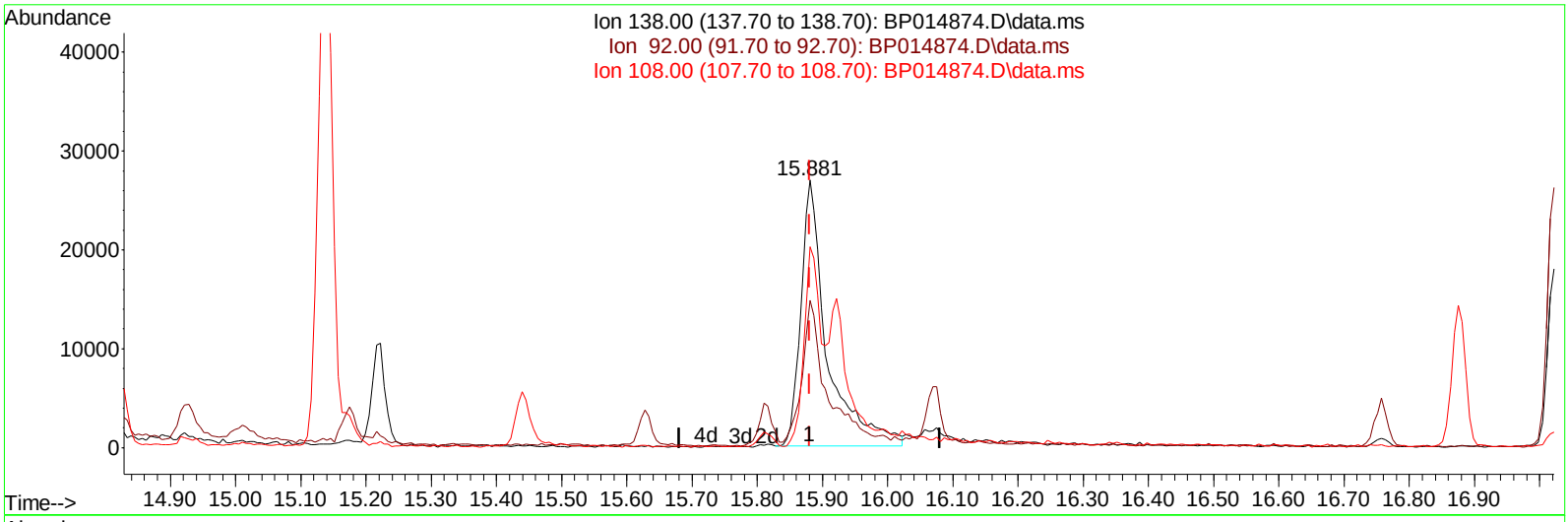

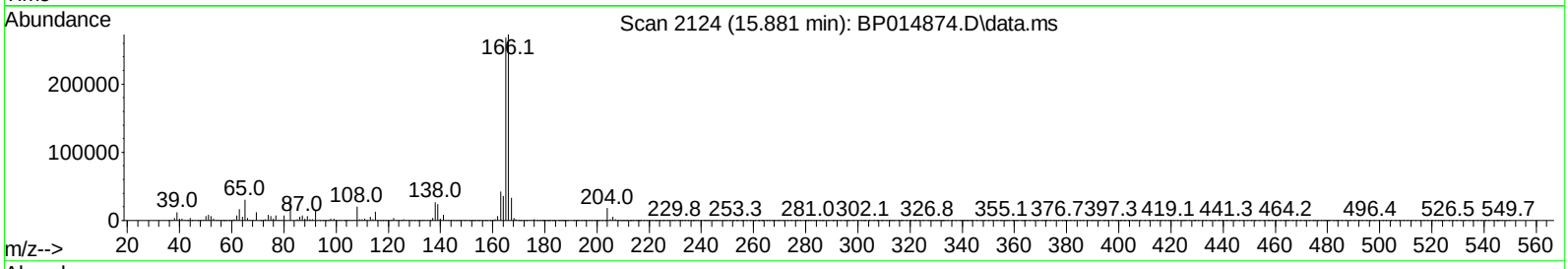

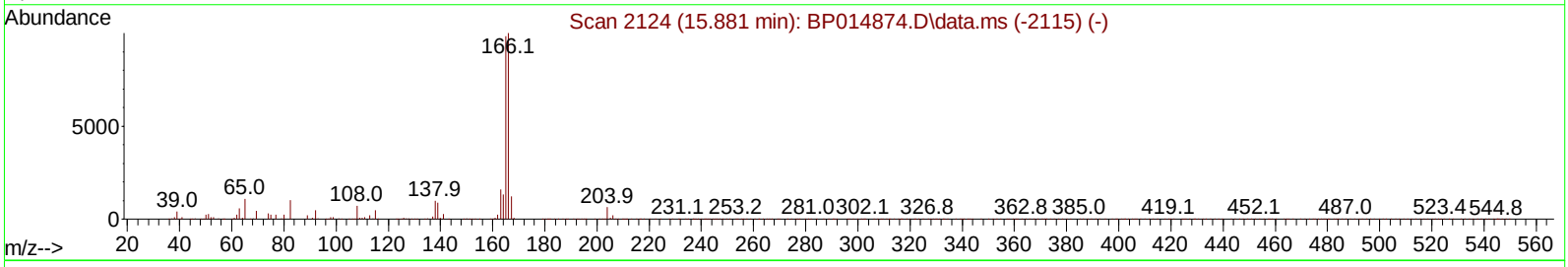

TIC: BP014874.D\data.ms

(63) 4-Nitroaniline

15.881min (0.000) 17.59 ng/ul m

response 75484

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.20	55.16
108.00	75.10	75.13
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.175	152	234206	20.000	ng/ul	0.00
20) Naphthalene-d8	11.016	136	902509	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	504571	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	989538	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	907789	20.000	ng/ul	0.00
88) Perylene-d12	24.269	264	1008504	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	55837	8.592	ng/uL	0.00
4) Pyridine-d5	3.905	84	325138	20.814	ng/ul	0.00
7) Phenol-d5	7.316	99	376266	20.527	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.493	67	246169	21.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.699	132	310259	22.354	ng/ul	0.00
15) 4-Methylphenol-d8	8.881	113	285789	20.461	ng/ul	0.00
21) Nitrobenzene-d5	9.352	128	146831	22.659	ng/ul	0.00
24) 2-Nitrophenol-d4	10.081	143	131708	22.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	289321	22.492	ng/ul	0.00
31) 4-Chloroaniline-d4	11.146	131	377360	20.430	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	777825	21.510	ng/ul	0.00
49) Acenaphthylene-d8	14.516	160	945700	21.894	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	92514	17.130	ng/ul	0.00
60) Fluorene-d10	15.810	176	681747	21.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	72117	17.294	ng/ul	0.00
73) Anthracene-d10	17.675	188	1002026	22.173	ng/ul	0.00
81) Pyrene-d10	19.898	212	1105400	21.924	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.098	264	1076583	21.613	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	58120	8.399	ng/uL	100
5) Pyridine	3.928	79	345937	21.116	ng/ul	100
6) Benzaldehyde	7.305	77	99792	19.410	ng/ul	100
8) Phenol	7.346	94	397238	20.895	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.587	93	345419	21.204	ng/ul	100
12) 2-Chlorophenol	7.734	128	327314	21.978	ng/ul	100
13) 2-Methylphenol	8.616	108	308987	20.980	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.716	45	443080	21.619	ng/ul	100
16) Acetophenone	9.010	105	489724	21.585	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.993	70	239326	22.220	ng/ul	100
18) 4-Methylphenol	8.946	108	325441	20.939	ng/ul	100
19) Hexachloroethane	9.275	117	152721	21.767	ng/ul	100
22) Nitrobenzene	9.393	77	361120	21.968	ng/ul	100
23) Isophorone	9.922	82	638512	21.562	ng/ul	100
25) 2-Nitrophenol	10.116	139	153219	23.239	ng/ul	100
26) 2,4-Dimethylphenol	10.169	107	354476	22.233	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.410	93	453364	22.200	ng/ul	100
29) 2,4-Dichlorophenol	10.652	162	285273	22.183	ng/ul	100
30) Naphthalene	11.063	128	1077551	21.713	ng/ul	100
32) 4-Chloroaniline	11.169	127	397330	20.616	ng/ul	100
33) Hexachlorobutadiene	11.352	225	210688	21.496	ng/ul	100
34) Caprolactam	11.946	113	56496m	17.481	ng/ul	
35) 4-Chloro-3-methylphenol	12.275	107	280840	21.454	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.663	142	672384	21.472	ng/ul	100
37) 1-Methylnaphthalene	12.881	142	675408	21.483	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.022	216	370900	21.997	ng/ul	100
40) Hexachlorocyclopentadiene	13.004	237	220725	20.853	ng/ul	100
41) 2,4,6-Trichlorophenol	13.257	196	194175	22.665	ng/ul	100
42) 2,4,5-Trichlorophenol	13.328	196	237395	23.827	ng/ul	100
43) 1,1'-Biphenyl	13.657	154	891052	22.010	ng/ul	100
44) 2-Chloronaphthalene	13.704	162	701374	21.997	ng/ul	100
45) 2-Nitroaniline	13.904	65	154478	22.177	ng/ul	100
47) Dimethylphthalate	14.269	163	806544	21.576	ng/ul	100
48) 2,6-Dinitrotoluene	14.393	165	148018	21.981	ng/ul	100
50) Acenaphthylene	14.545	152	1056391	21.878	ng/ul	100
51) 3-Nitroaniline	14.722	138	94280	17.175	ng/ul	100
52) Acenaphthene	14.887	153	726806	21.838	ng/ul	100
53) 2,4-Dinitrophenol	14.928	184	29653	11.939	ng/ul	100
55) 4-Nitrophenol	15.010	109	74623	18.340	ng/ul	100
56) Dibenzofuran	15.222	168	999804	21.795	ng/ul	100
57) 2,4-Dinitrotoluene	15.175	165	207134	22.314	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.440	232	180818	22.936	ng/ul	100
59) Diethylphthalate	15.628	149	789057	21.645	ng/ul	100
61) Fluorene	15.869	166	798327	21.768	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.857	204	400107	21.587	ng/ul	100
63) 4-Nitroaniline	15.881	138	75484m	17.593	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.940	198	75209	17.346	ng/ul	100
67) N-Nitrosodiphenylamine	16.069	169	657764	22.530	ng/ul	100
68) 4-Bromophenyl-phenylether	16.757	248	241969	22.474	ng/ul	100
69) Hexachlorobenzene	16.875	284	279620	22.033	ng/ul	100
70) Atrazine	17.022	200	230525	21.811	ng/ul	100
71) Pentachlorophenol	17.222	266	98906	17.589	ng/ul	100
72) Phenanthrene	17.622	178	1194940	21.958	ng/ul	100
74) Anthracene	17.710	178	1208887	22.174	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.628	216	370132	22.709	ng/uL	100
76) Pentachlorobenzene	15.140	250	347141	22.188	ng/uL	100
77) Carbazole	17.975	167	1012813	21.780	ng/ul	100
78) Di-n-butylphthalate	18.510	149	1294520	22.440	ng/ul	100
80) Fluoranthene	19.569	202	1333562	21.860	ng/ul	100
82) Pyrene	19.922	202	1418755	21.882	ng/ul	100
83) Butylbenzylphthalate	20.780	149	531929	21.800	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.569	252	406660	20.640	ng/ul	100
85) Benzo(a)anthracene	21.645	228	1327290	21.798	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.545	149	810128	21.903	ng/ul	100
87) Chrysene	21.698	228	1314685	21.694	ng/ul	100
89) Di-n-octyl phthalate	22.539	149	1400205	21.408	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	1339771	21.349	ng/ul	100
91) Benzo(k)fluoranthene	23.516	252	1449724	22.267	ng/ul	100
93) Benzo(a)pyrene	24.151	252	1250103	21.903	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.033	276	1659755	21.899	ng/ul	100
95) Dibenzo(a,h)anthracene	27.057	278	1381957	22.047	ng/ul	100
96) Benzo(g,h,i)perylene	27.892	276	1364452	21.812	ng/ul	100

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

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