Quantitation Report (Qedit)

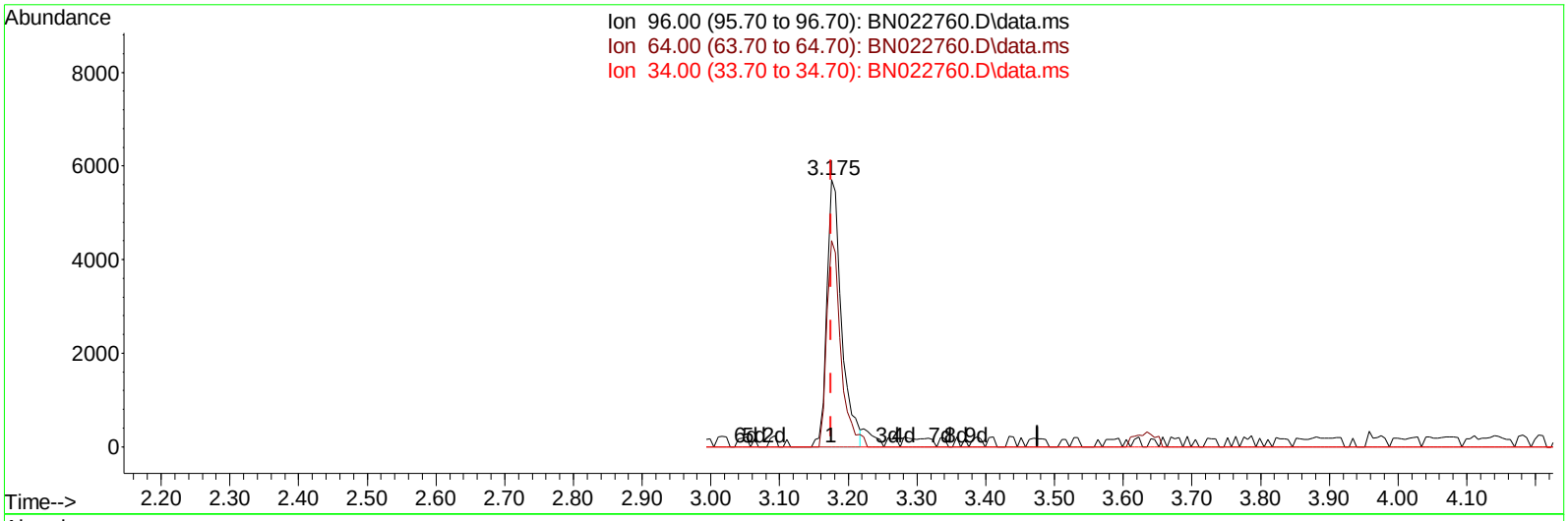
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022760.D
Acq On : 18 Nov 2022 17:04
Operator : CG/JU
Sample : PB149074BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

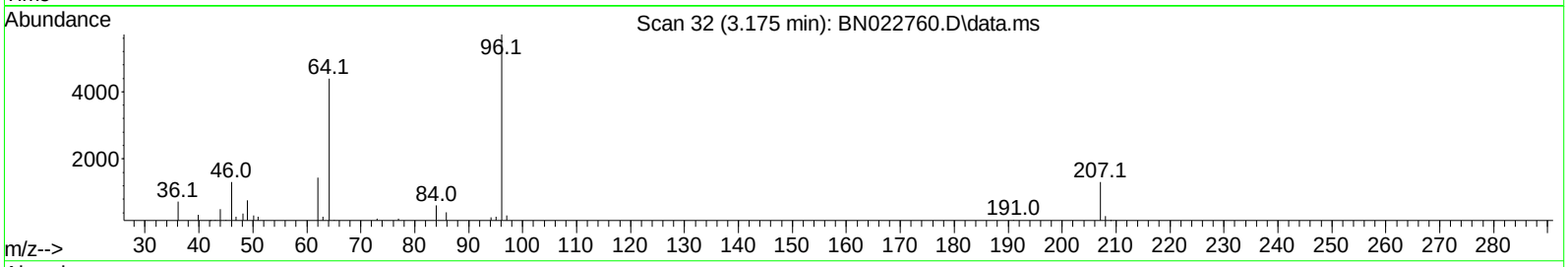
Quant Time: Nov 18 21:48:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 05:17:17 2022
Response via : Initial Calibration

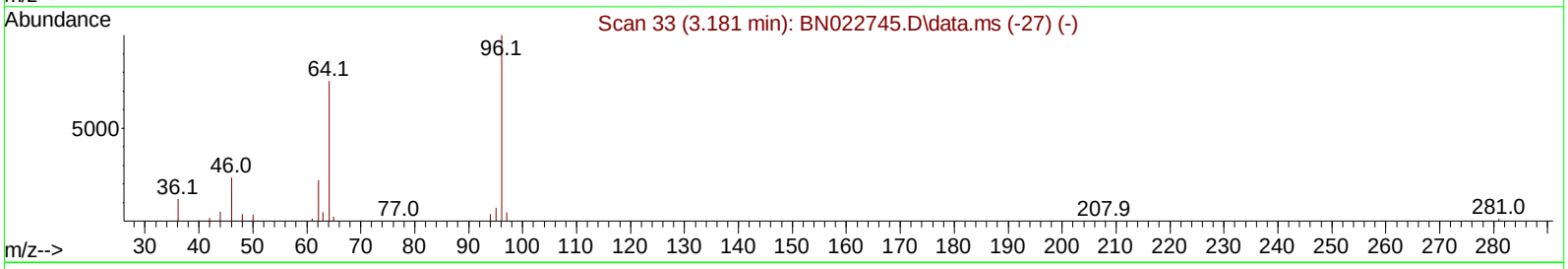
Instrument :
BNA_N
ClientSampleId :
SLCS074

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/21/2022
Supervised By :mohammad ahmed 11/21/2022







TIC: BN022760.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.000) 5.32 ng/uL

response 8438

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	77.13
34.00	0.00	0.00
0.00	0.00	0.00

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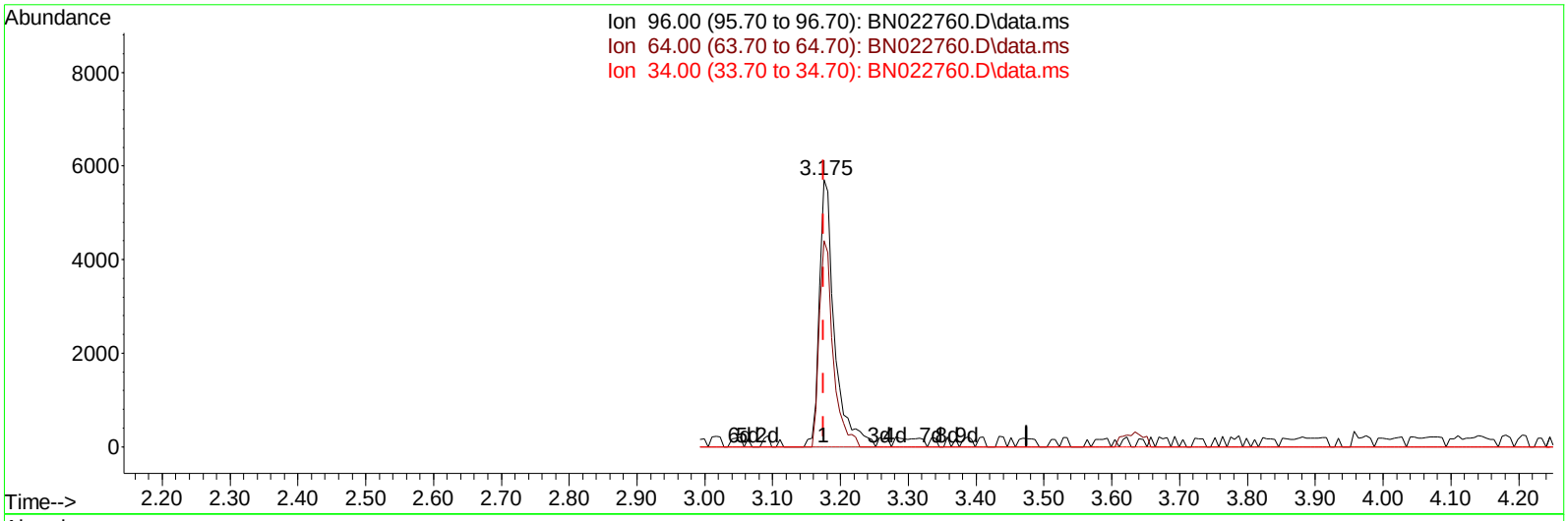

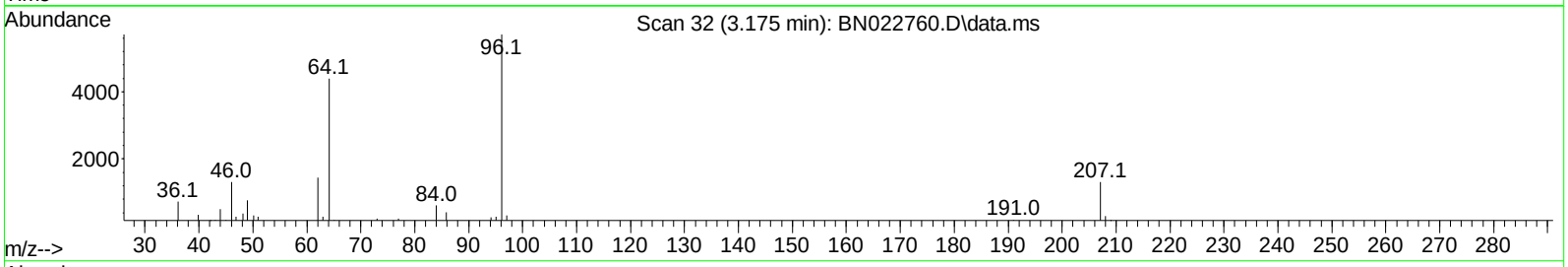

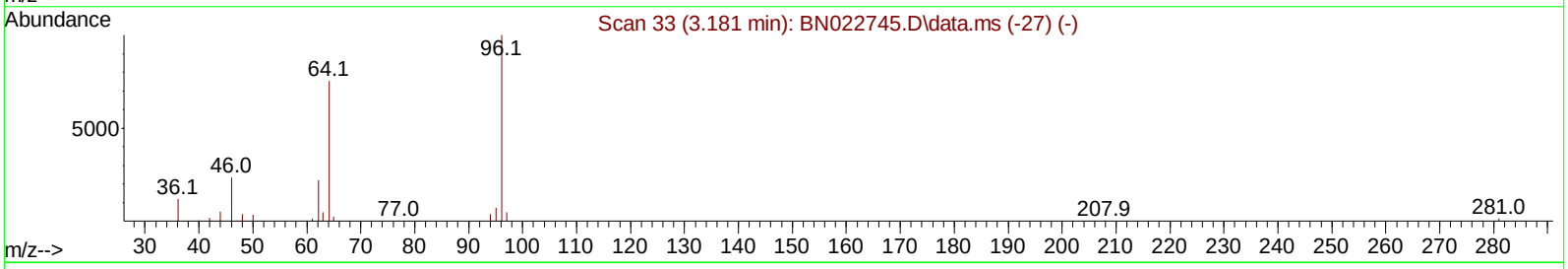

TIC: BN022760.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.000) 5.61 ng/uL m

response 8899

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	77.13
34.00	0.00	0.00
0.00	0.00	0.00

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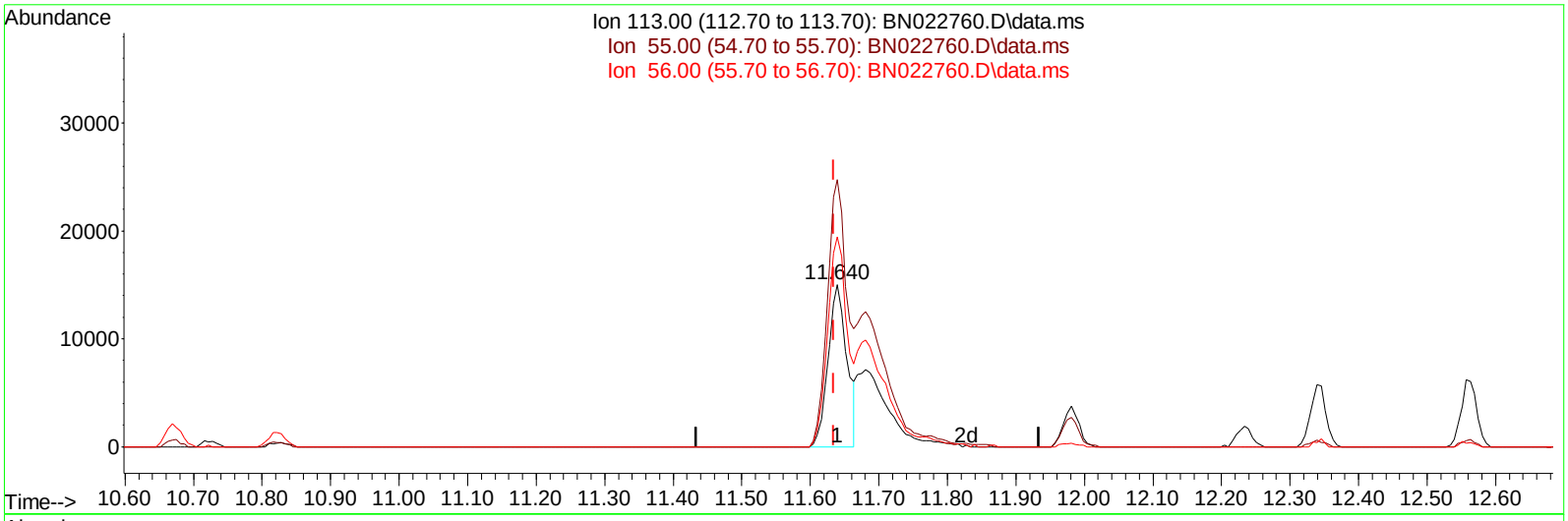

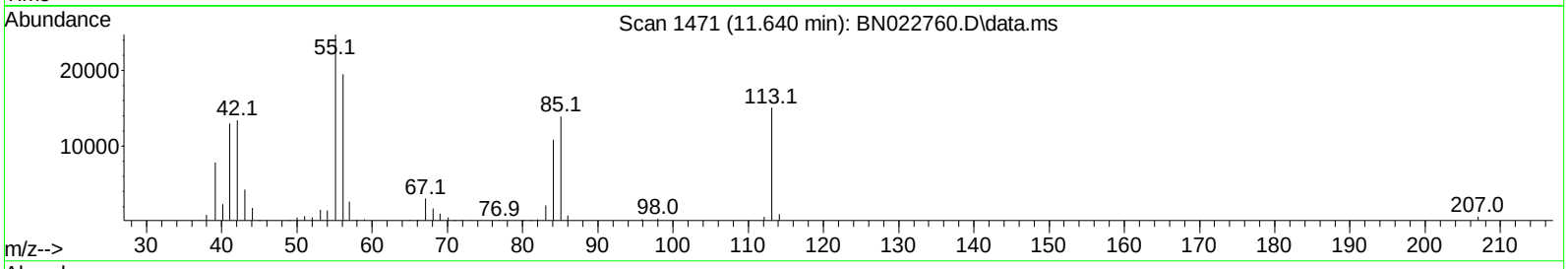

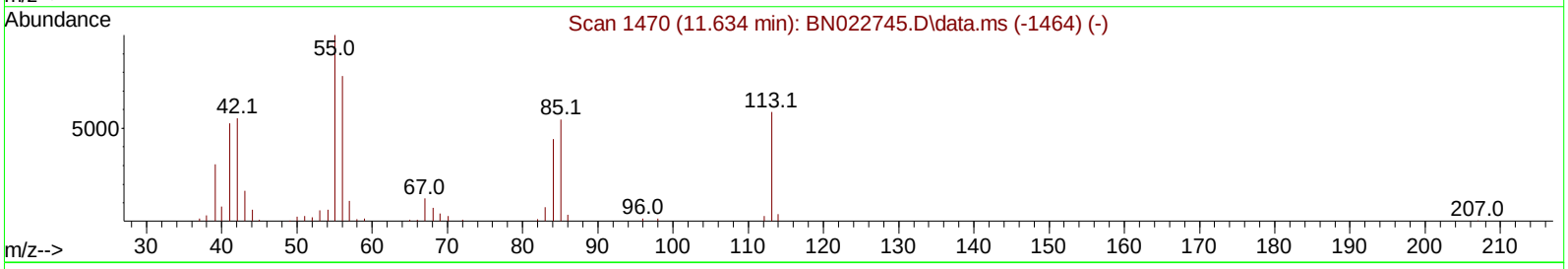

TIC: BN022760.D\data.ms

(34) Caprolactam

11.640min (+ 0.006) 19.01 ng/ul

response 28684

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	164.51
56.00	129.70	129.50
0.00	0.00	0.00

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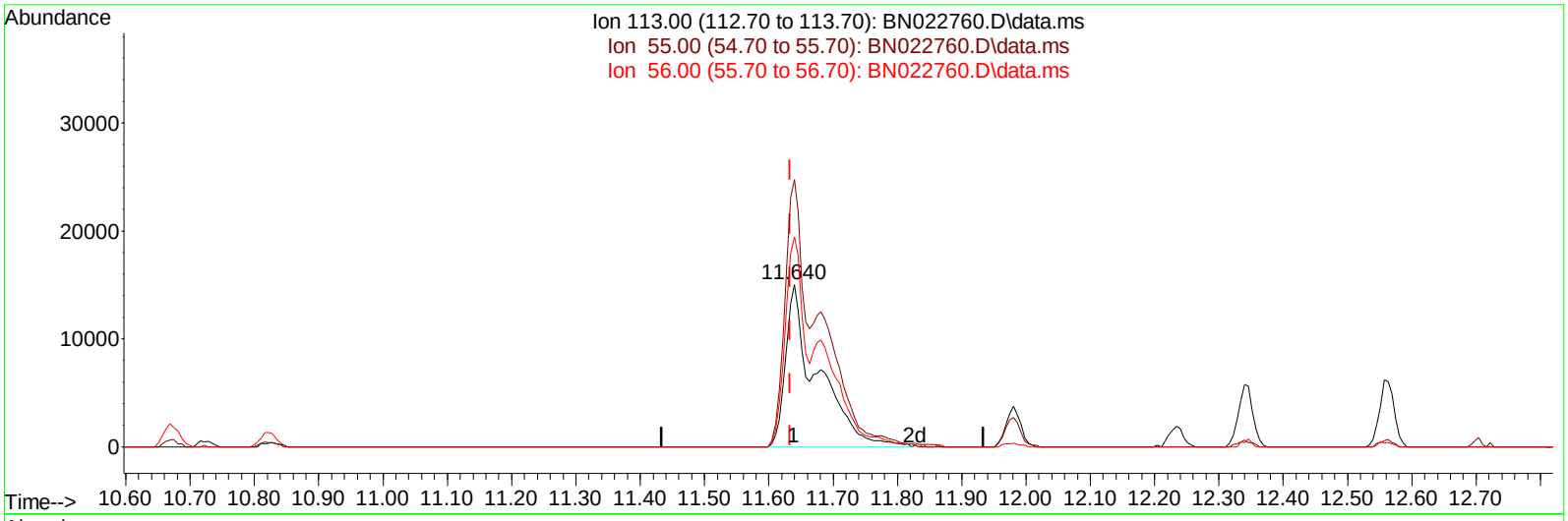

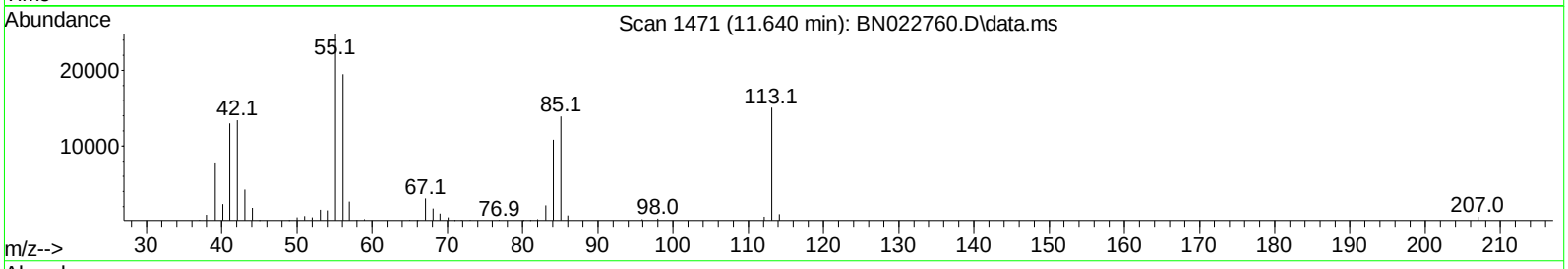

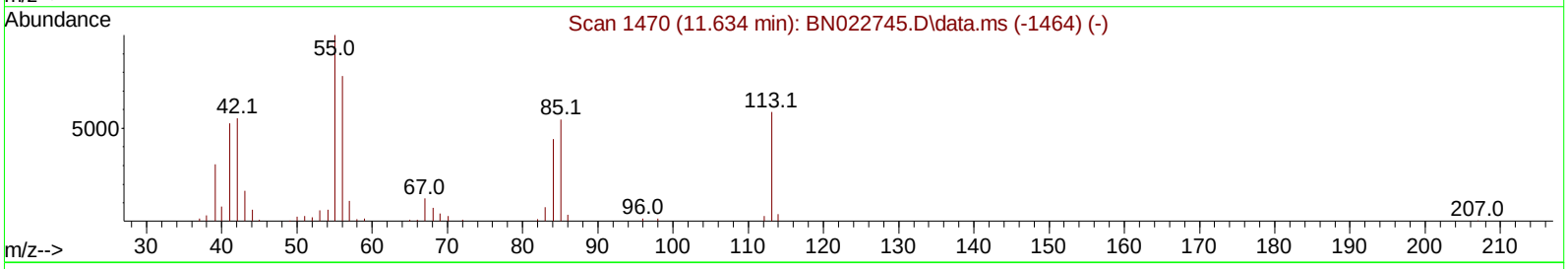

TIC: BN022760.D\data.ms

(34) Caprolactam

11.640min (+ 0.006) 34.20 ng/ul m

response 51612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	164.51
56.00	129.70	129.50
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	54164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	265841	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	181417	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	388108	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	395182	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	421366	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8899m	5.609	ng/uL	0.00
4) Pyridine-d5	3.611	84	119351	26.602	ng/ul	0.00
7) Phenol-d5	7.022	99	169628	33.159	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	105482	34.390	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	121102	32.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	138128	34.202	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	66176	32.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	71864	31.299	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	127322	32.528	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	185021	31.032	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	442483	33.533	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	481148	33.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	90427	34.376	ng/ul	0.00
60) Fluorene-d10	15.522	176	366325	33.849	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	77230	31.307	ng/ul	0.00
73) Anthracene-d10	17.380	188	568587	33.457	ng/ul	0.00
81) Pyrene-d10	19.686	212	645368	31.513	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	709085	33.476	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	16937	10.032	ng/uL	96
5) Pyridine	3.634	79	120106	26.999	ng/ul	97
6) Benzaldehyde	6.993	77	101458	39.200	ng/ul	98
8) Phenol	7.052	94	172616	32.398	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	132238	31.851	ng/ul	97
12) 2-Chlorophenol	7.410	128	128454	32.111	ng/ul	97
13) 2-Methylphenol	8.310	108	130669	32.949	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	188468	34.390	ng/ul	99
16) Acetophenone	8.693	105	223952	34.743	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	124372	36.203	ng/ul	99
18) 4-Methylphenol	8.646	108	147654	34.288	ng/ul	99
19) Hexachloroethane	8.934	117	52623	31.070	ng/ul	99
22) Nitrobenzene	9.075	77	176118	31.591	ng/ul	100
23) Isophorone	9.604	82	348625	32.692	ng/ul	100
25) 2-Nitrophenol	9.787	139	78795	31.215	ng/ul	96
26) 2,4-Dimethylphenol	9.851	107	166319	30.716	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.093	93	199570	32.453	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	127475	32.042	ng/ul	93
30) Naphthalene	10.722	128	440427	31.214	ng/ul	100
32) 4-Chloroaniline	10.845	127	190942	30.666	ng/ul	100
33) Hexachlorobutadiene	10.998	225	76648	31.301	ng/ul	98
34) Caprolactam	11.640	113	51612m	34.196	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	179494	34.594	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	314371	32.705	ng/ul	98
37) 1-Methylnaphthalene	12.563	142	316262	32.822	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.710	216	150693	30.947	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	71017	24.979	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	108314	31.329	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	116282	31.761	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	415091	31.172	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	326284	31.445	ng/ul	94
45) 2-Nitroaniline	13.616	65	128660	34.143	ng/ul	95
47) Dimethylphthalate	13.987	163	455725	32.859	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	94040	33.496	ng/ul	97
50) Acenaphthylene	14.245	152	521193	32.089	ng/ul	99
51) 3-Nitroaniline	14.445	138	98533	32.595	ng/ul	100
52) Acenaphthene	14.592	153	371863	32.269	ng/ul	96
53) 2,4-Dinitrophenol	14.663	184	55700	28.389	ng/ul	97
55) 4-Nitrophenol	14.763	109	88802	34.056	ng/ul	99
56) Dibenzofuran	14.928	168	501739	32.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	141273	34.555	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	103208	32.914	ng/ul	96
59) Diethylphthalate	15.351	149	491748	33.452	ng/ul	99
61) Fluorene	15.575	166	424883	33.414	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.569	204	194193	32.399	ng/ul	93
63) 4-Nitroaniline	15.616	138	102230	37.921	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	79139	31.037	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	372939	32.094	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	120944	31.645	ng/ul	93
69) Hexachlorobenzene	16.581	284	146109	32.704	ng/ul#	88
70) Atrazine	16.751	200	134782	32.540	ng/ul	90
71) Pentachlorophenol	16.933	266	84580	29.797	ng/ul	92
72) Phenanthrene	17.322	178	679686	32.492	ng/ul	98
74) Anthracene	17.416	178	686791	32.413	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	149959	29.300	ng/uL	97
76) Pentachlorobenzene	14.839	250	156129	28.265	ng/uL	97
77) Carbazole	17.692	167	660192	33.533	ng/ul	98
78) Di-n-butylphthalate	18.251	149	894581	31.928	ng/ul	99
80) Fluoranthene	19.345	202	800497	31.318	ng/ul	96
82) Pyrene	19.716	202	832036	31.778	ng/ul	98
83) Butylbenzylphthalate	20.616	149	426144	31.974	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	295398	33.878	ng/ul	96
85) Benzo(a)anthracene	21.468	228	833736	31.948	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	644584	32.767	ng/ul	96
87) Chrysene	21.521	228	793501	32.109	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	1141310	30.798	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	904895	31.689	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	841633	31.050	ng/ul	97
93) Benzo(a)pyrene	23.780	252	769900	31.808	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.398	276	933854	33.925	ng/ul	96
95) Dibenzo(a,h)anthracene	26.415	278	862616	34.963	ng/ul	98
96) Benzo(g,h,i)perylene	27.168	276	819410	34.140	ng/ul	100

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

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