Quantitation Report (Qedit)

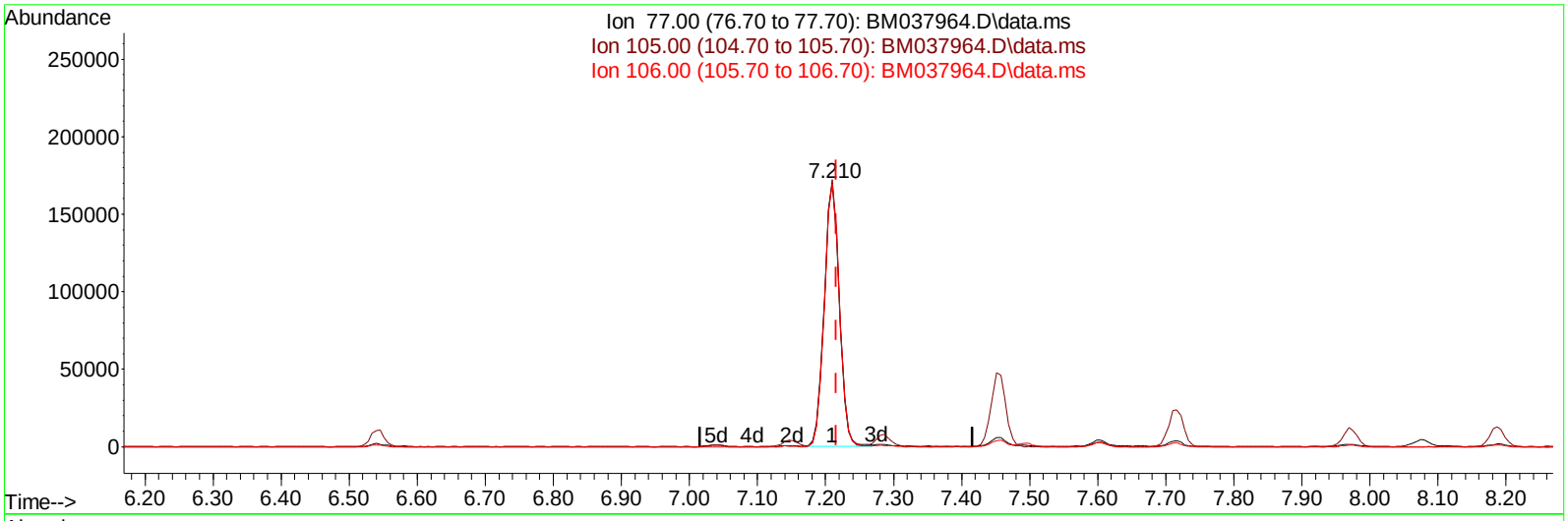
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
Data File : BM037964.D
Acq On : 12 Dec 2022 13:56
Operator : CG/JU
Sample : N5948-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

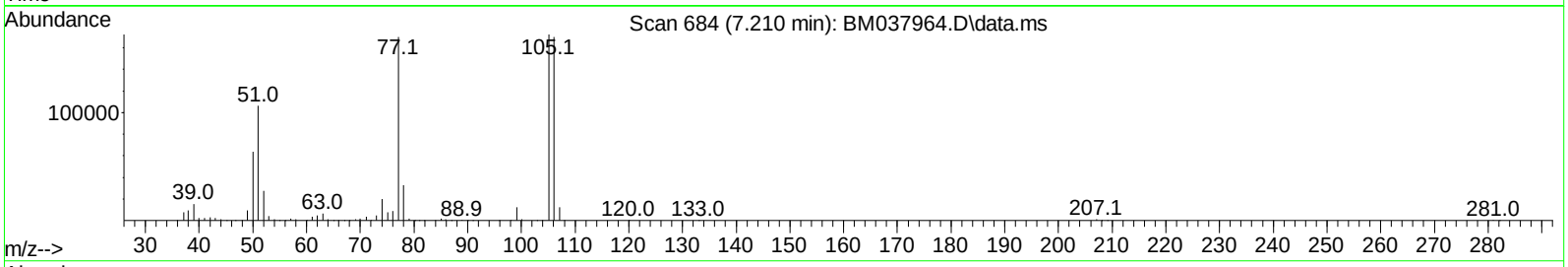
Quant Time: Dec 13 00:55:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

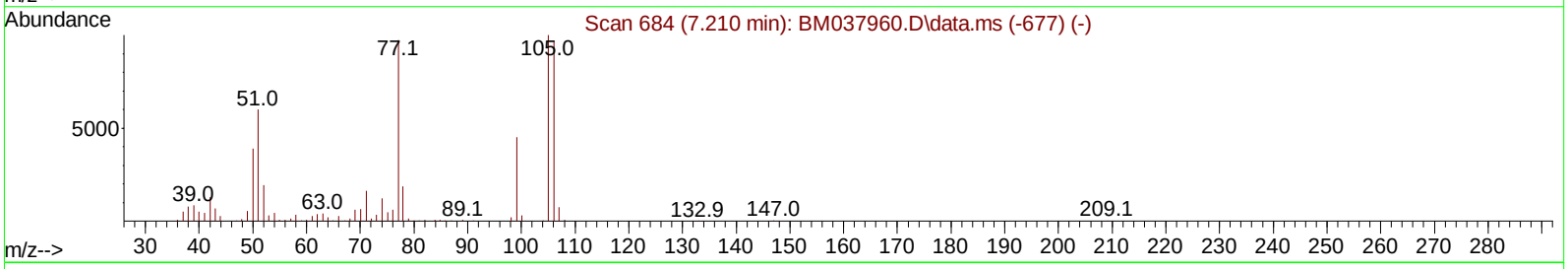
Instrument :
BNA_M
ClientSampleId :
EXZ94MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2022
Supervised By :mohammad ahmed 12/14/2022







TIC: BM037964.D\data.ms

(6) Benzaldehyde

7.210min (-0.006) 42.48 ng/ul

response 262242

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.10	101.20
106.00	102.20	99.74
0.00	0.00	0.00

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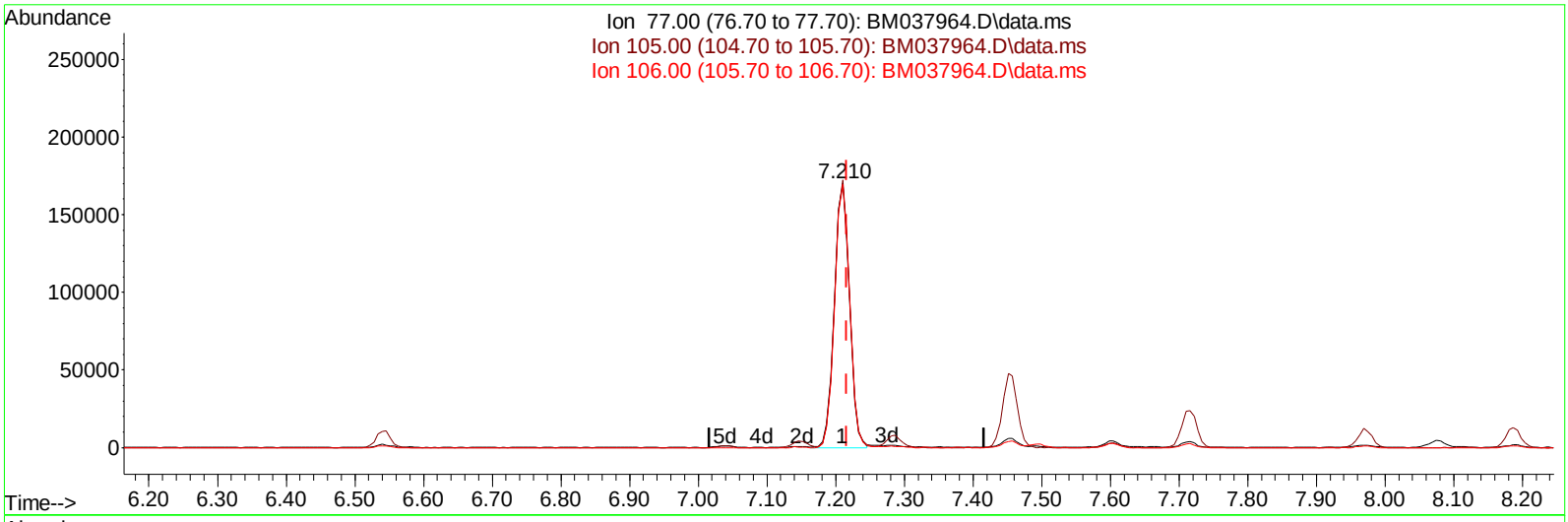

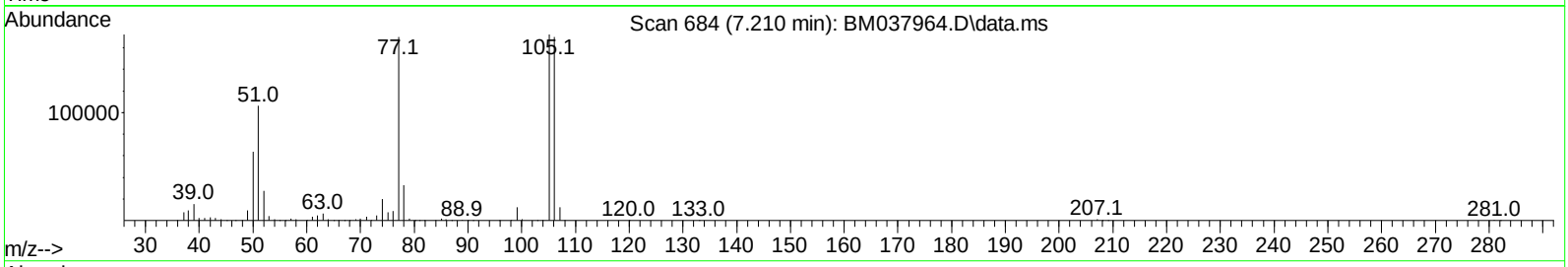

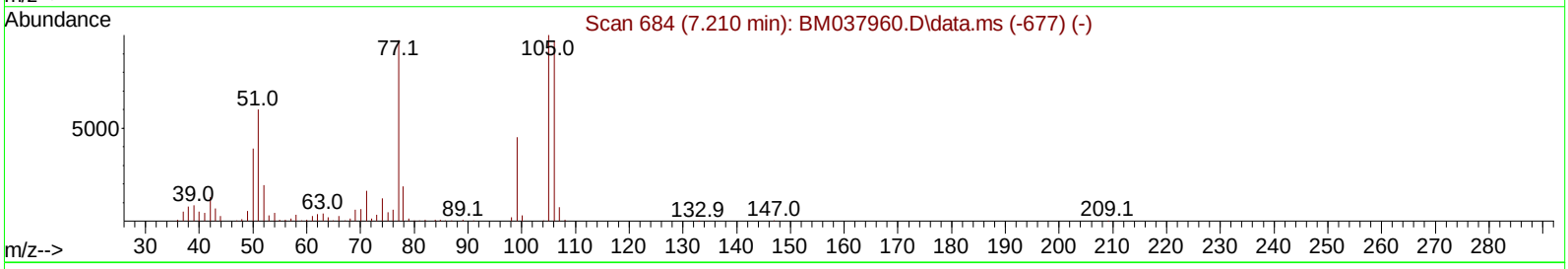

TIC: BM037964.D\data.ms

(6) Benzaldehyde

7.210min (-0.006) 42.39 ng/ul m

response 261649

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.10	101.20
106.00	102.20	99.74
0.00	0.00	0.00

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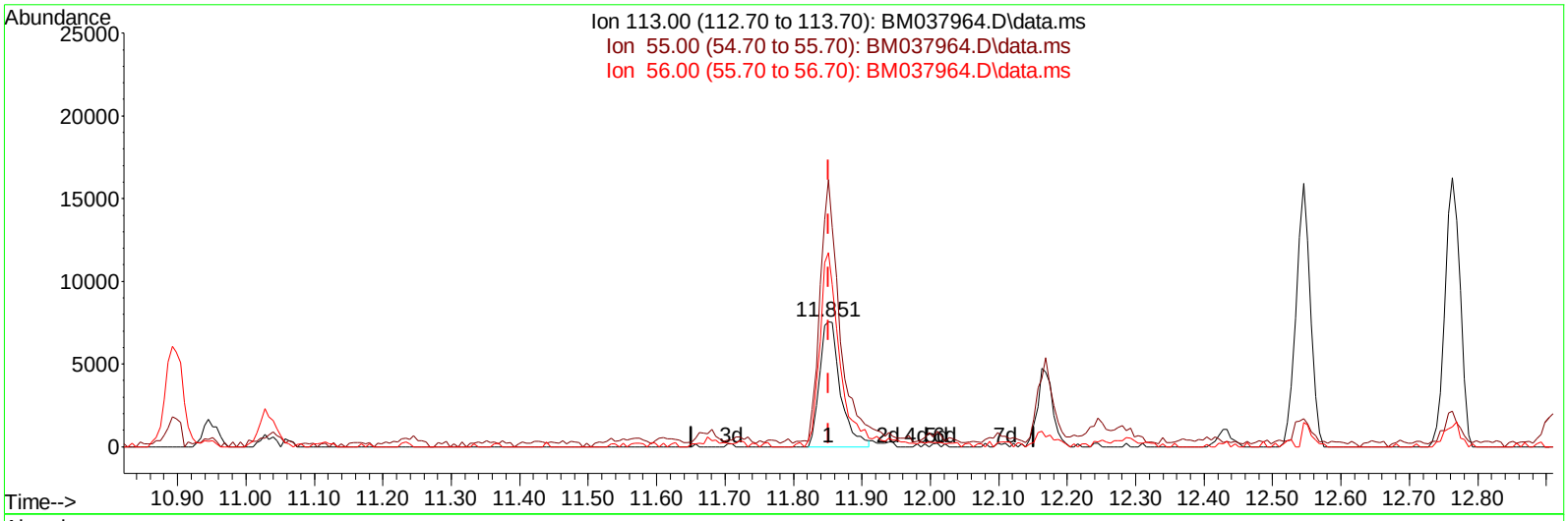

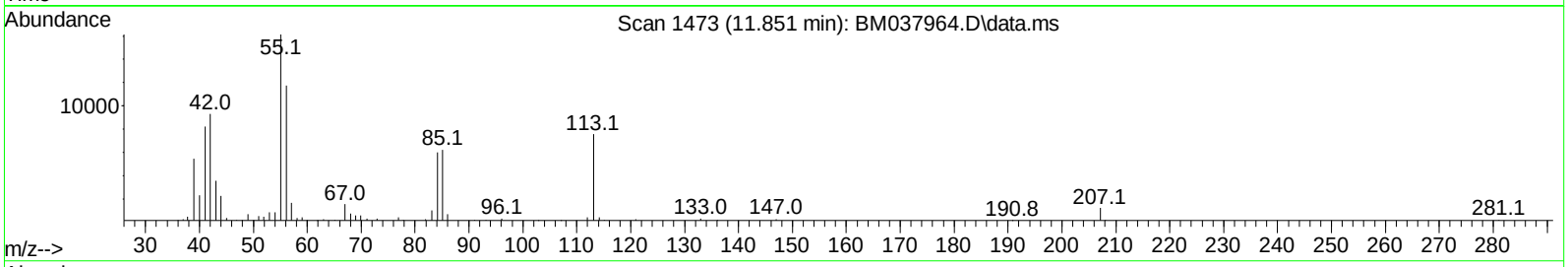

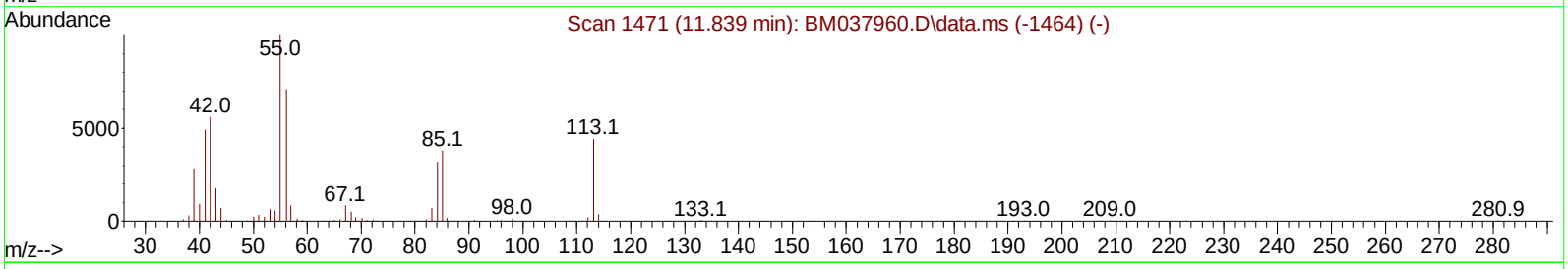

TIC: BM037964.D\data.ms

(34) Caprolactam

11.851min (-0.000) 4.66 ng/ul

response 15948

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	213.16
56.00	150.90	155.17
0.00	0.00	0.00

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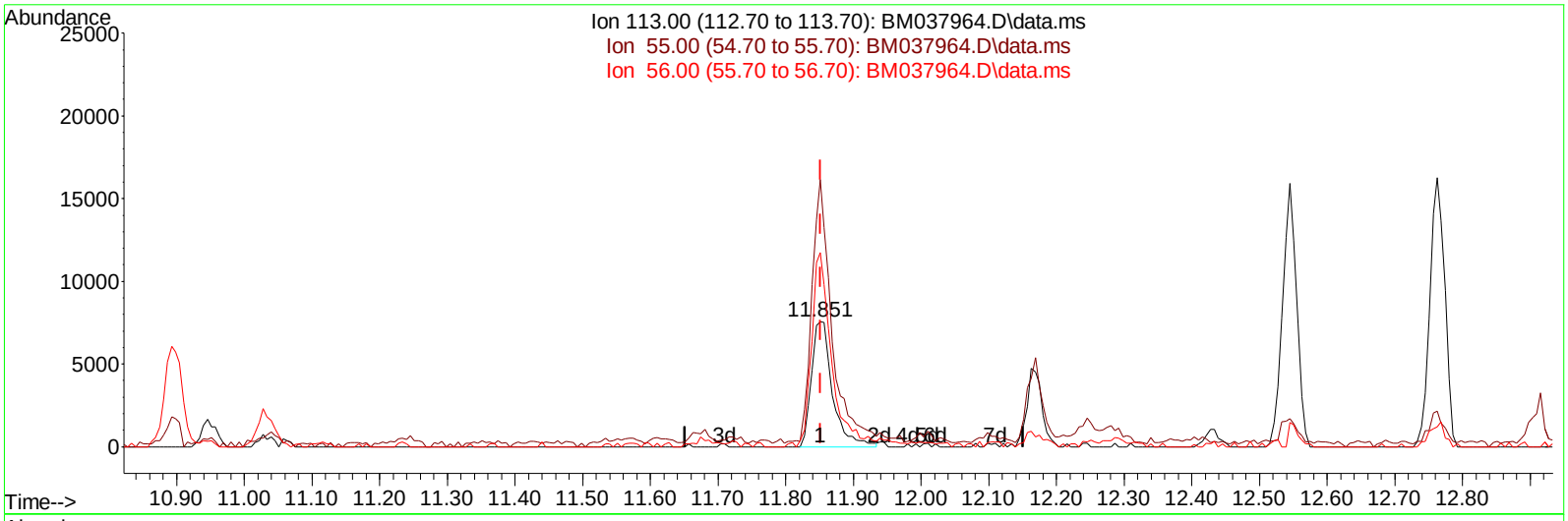

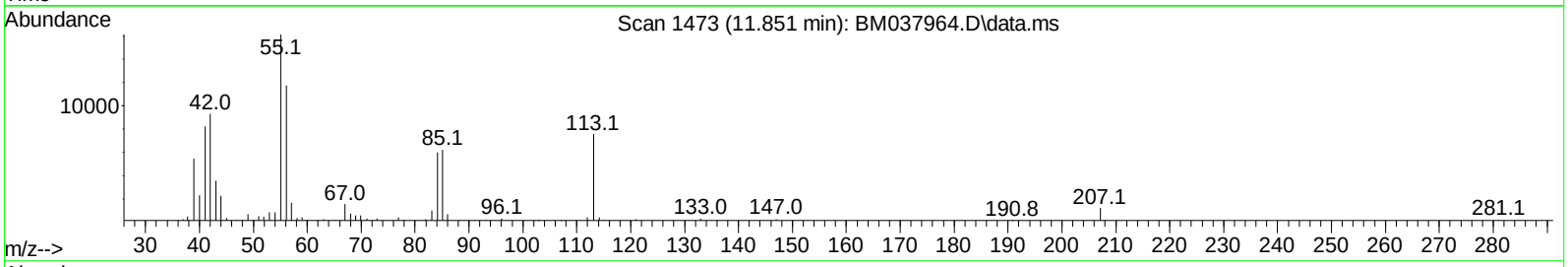

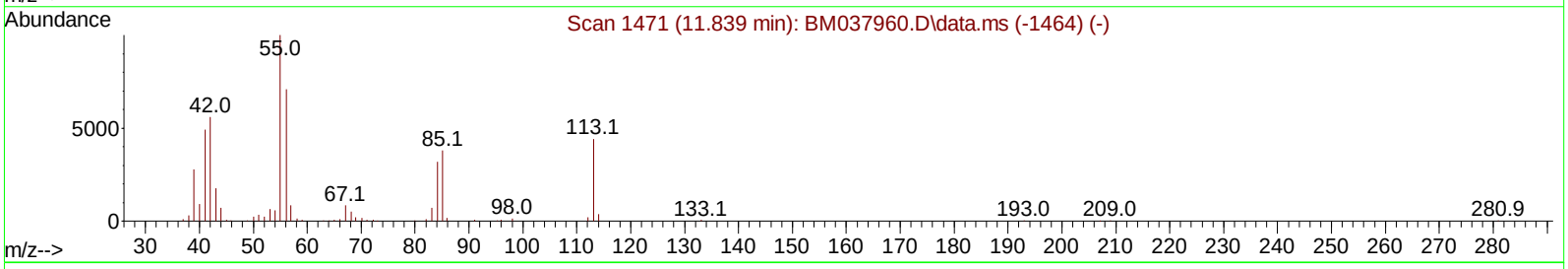

TIC: BM037964.D\data.ms

(34) Caprolactam

11.851min (-0.000) 4.77 ng/ul m

response 16310

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	213.16
56.00	150.90	155.17
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	203092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	862861	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	541063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1032293	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	740140	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	777456	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	15190	3.396	ng/uL	0.00
4) Pyridine-d5	3.857	84	63620	4.795	ng/ul	0.00
7) Phenol-d5	7.228	99	100649	6.099	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	293486	29.205	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	250273	18.486	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	157966	12.262	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	230709	33.770	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	189970	26.534	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	318367	23.412	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.033	131	292684	15.592	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1265496	32.807	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1611671	34.186	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	35654	5.423	ng/ul	0.00
60) Fluorene-d10	15.692	176	1216154	35.387	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	143972	26.086	ng/ul	0.00
73) Anthracene-d10	17.545	188	1739116	36.098	ng/ul	0.00
81) Pyrene-d10	19.827	212	1697126	38.172	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.938	264	1451413	37.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	20187	4.302	ng/uL	97
5) Pyridine	3.881	79	85918	6.443	ng/ul	97
6) Benzaldehyde	7.210	77	261649m	42.389	ng/ul	
8) Phenol	7.257	94	96778	5.847	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.492	93	387352	28.499	ng/ul	98
12) 2-Chlorophenol	7.634	128	232186	16.769	ng/ul	98
13) 2-Methylphenol	8.522	108	162636	12.840	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	714046	29.095	ng/ul	99
16) Acetophenone	8.910	105	637076	31.444	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.892	70	309368	32.414	ng/ul	99
18) 4-Methylphenol	8.851	108	153980	11.238	ng/ul	95
19) Hexachloroethane	9.163	117	163528	29.543	ng/ul	99
22) Nitrobenzene	9.292	77	473140	32.187	ng/ul	96
23) Isophorone	9.822	82	890667	33.065	ng/ul	99
25) 2-Nitrophenol	10.004	139	183506	24.448	ng/ul	94
26) 2,4-Dimethylphenol	10.063	107	217491	14.984	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.298	93	537008	29.990	ng/ul	98
29) 2,4-Dichlorophenol	10.539	162	287332	21.536	ng/ul	97
30) Naphthalene	10.945	128	1529099	32.838	ng/ul	100
32) 4-Chloroaniline	11.057	127	347133	18.545	ng/ul	99
33) Hexachlorobutadiene	11.228	225	285320	32.508	ng/ul	98
34) Caprolactam	11.851	113	16310m	4.766	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	232643	19.156	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.545	142	1029470	34.087	ng/ul	98
37) 1-Methylnaphthalene	12.763	142	1051526	34.050	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	563261	31.861	ng/ul	99
40) Hexachlorocyclopentadiene	12.886	237	128134	12.670	ng/ul	97
41) 2,4,6-Trichlorophenol	13.145	196	264973	24.606	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	281879	25.099	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	1391323	31.991	ng/ul	100
44) 2-Chloronaphthalene	13.592	162	1086988	32.398	ng/ul	98
45) 2-Nitroaniline	13.792	65	271478	33.582	ng/ul	98
47) Dimethylphthalate	14.163	163	1209141	31.771	ng/ul	98
48) 2,6-Dinitrotoluene	14.286	165	268432	36.312	ng/ul	97
50) Acenaphthylene	14.433	152	1731692	33.405	ng/ul	98
51) 3-Nitroaniline	14.616	138	208927	28.327	ng/ul	99
52) Acenaphthene	14.768	153	1211827	33.797	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	70578	19.456	ng/ul	94
55) 4-Nitrophenol	14.916	109	24556	5.664	ng/ul	94
56) Dibenzofuran	15.104	168	1641783	33.538	ng/ul	99
57) 2,4-Dinitrotoluene	15.068	165	370703	37.029	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	275199	29.131	ng/ul	99
59) Diethylphthalate	15.515	149	1347593	35.544	ng/ul	100
61) Fluorene	15.751	166	1395698	34.960	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	688160	35.272	ng/ul	96
63) 4-Nitroaniline	15.774	138	207651	31.050	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.827	198	148446	27.783	ng/ul#	96
67) N-Nitrosodiphenylamine	15.957	169	1091064	35.039	ng/ul	98
68) 4-Bromophenyl-phenylether	16.633	248	415435	36.713	ng/ul	99
69) Hexachlorobenzene	16.751	284	492694	36.475	ng/ul	95
70) Atrazine	16.898	200	229465	21.564	ng/ul	99
71) Pentachlorophenol	17.092	266	202794	27.003	ng/ul	98
72) Phenanthrene	17.492	178	2003358	35.537	ng/ul	100
74) Anthracene	17.580	178	2012849	35.135	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	564872	33.848	ng/uL	99
76) Pentachlorobenzene	15.021	250	575433	34.808	ng/uL	100
77) Carbazole	17.851	167	1663498	33.515	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2303524	39.044	ng/ul	100
80) Fluoranthene	19.498	202	1976236	37.663	ng/ul	98
82) Pyrene	19.856	202	2034992	37.265	ng/ul	99
83) Butylbenzylphthalate	20.739	149	778354	38.331	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	478760	32.689	ng/ul	97
85) Benzo(a)anthracene	21.603	228	1754238	35.205	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.509	149	1104116	37.376	ng/ul	99
87) Chrysene	21.656	228	1629848	34.862	ng/ul	100
89) Di-n-octyl phthalate	22.456	149	1728836	34.704	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1718003	35.644	ng/ul	100
91) Benzo(k)fluoranthene	23.386	252	1701076	36.416	ng/ul	99
93) Benzo(a)pyrene	23.986	252	1500092	35.392	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.691	276	1749660	32.052	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	1602531	34.823	ng/ul	98
96) Benzo(g,h,i)perylene	27.491	276	1452741	33.333	ng/ul	96

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

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