Quantitation Report (Qedit)

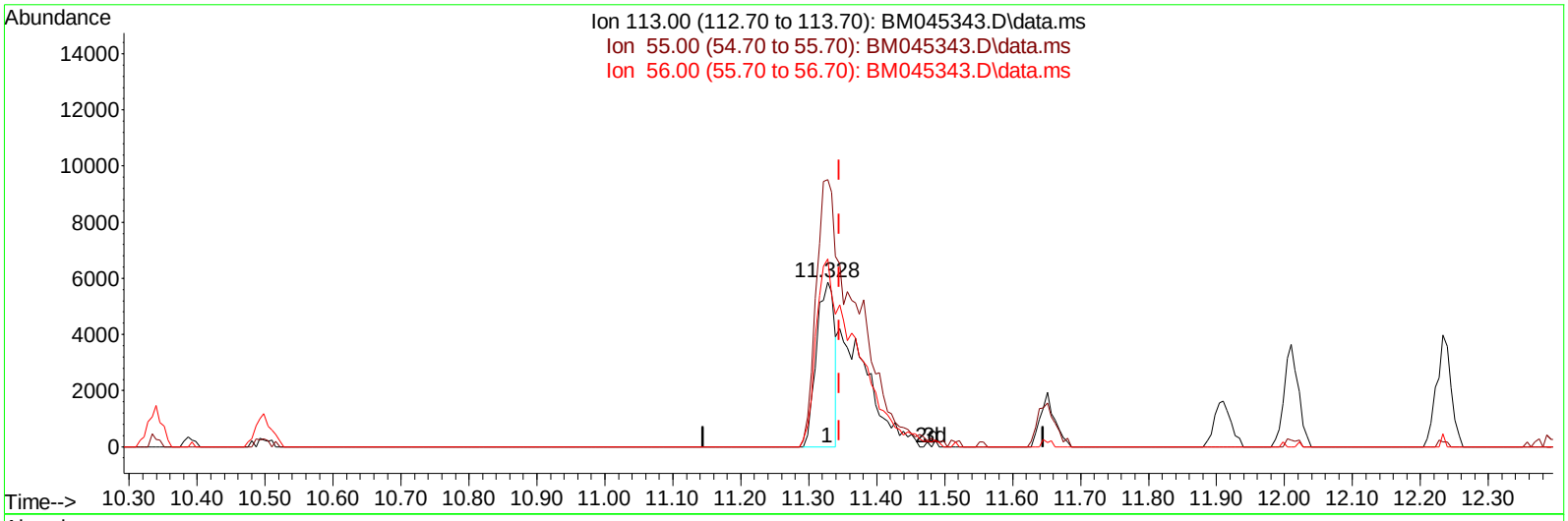
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045343.D
Acq On : 18 Apr 2024 07:37
Operator : MA/JU
Sample : PB160307BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

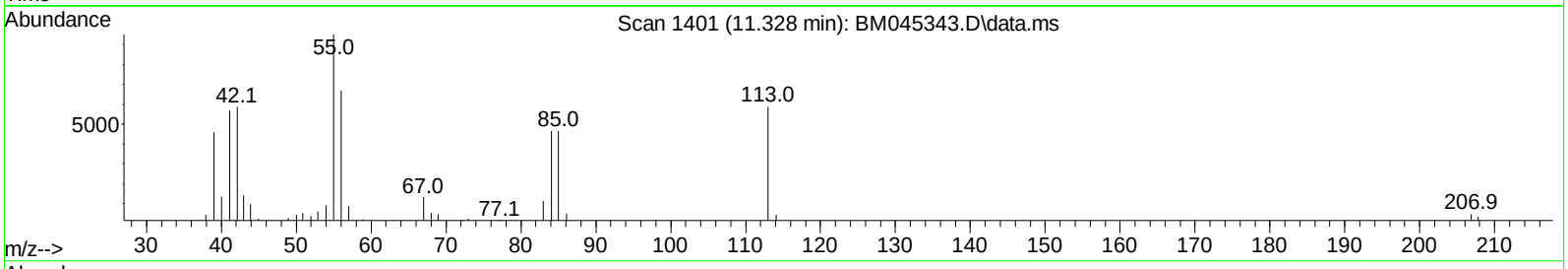
Quant Time: Apr 18 08:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

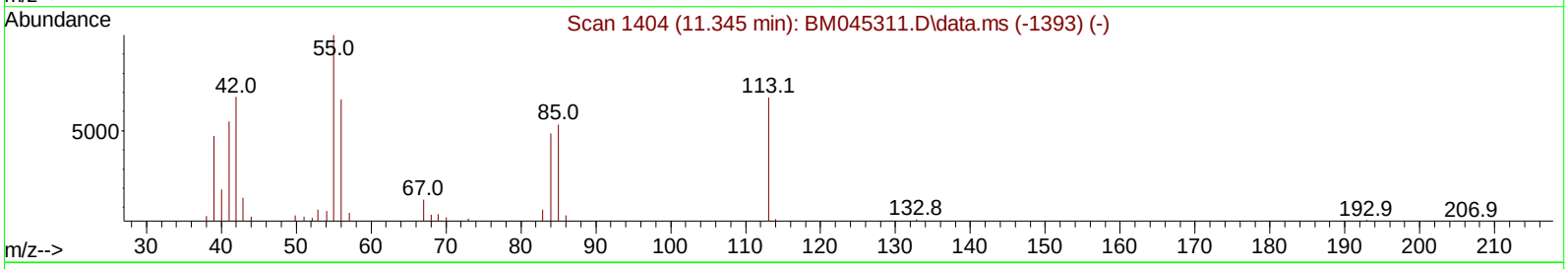
Instrument :
BNA_M
ClientSampleId :
SLCS307

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024







TIC: BM045343.D\data.ms

(34) Caprolactam

11.328min (-0.018) 13.07 ng/ul

response 10803

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	162.13
56.00	114.80	114.03
0.00	0.00	0.00

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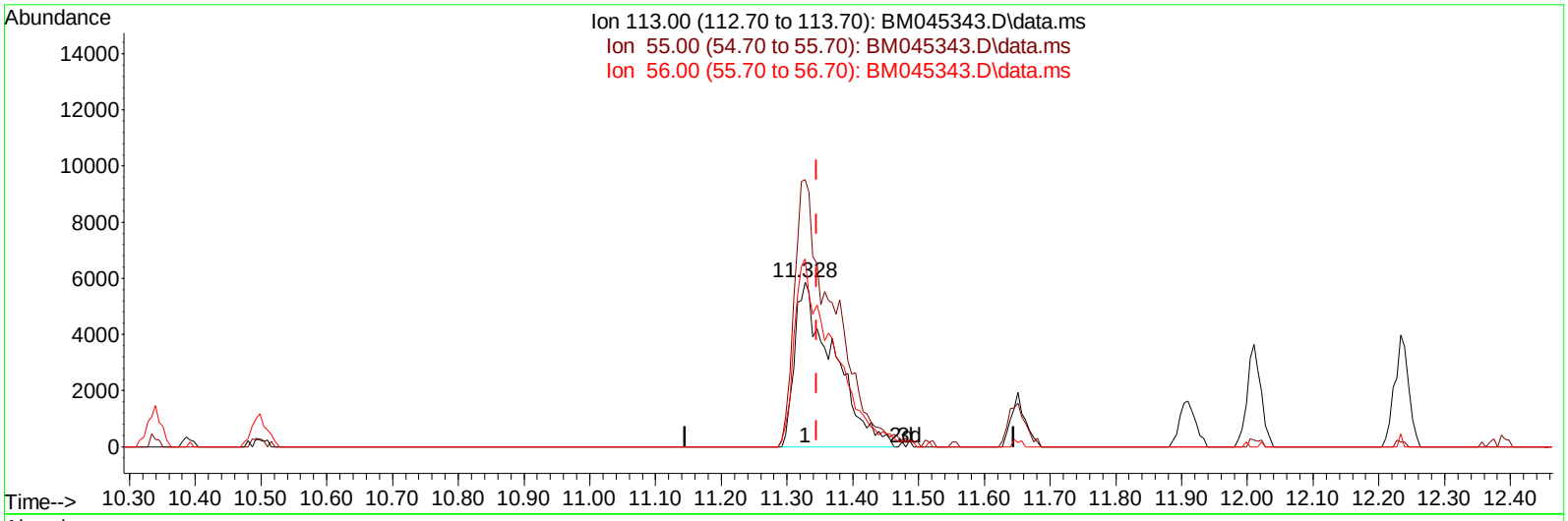

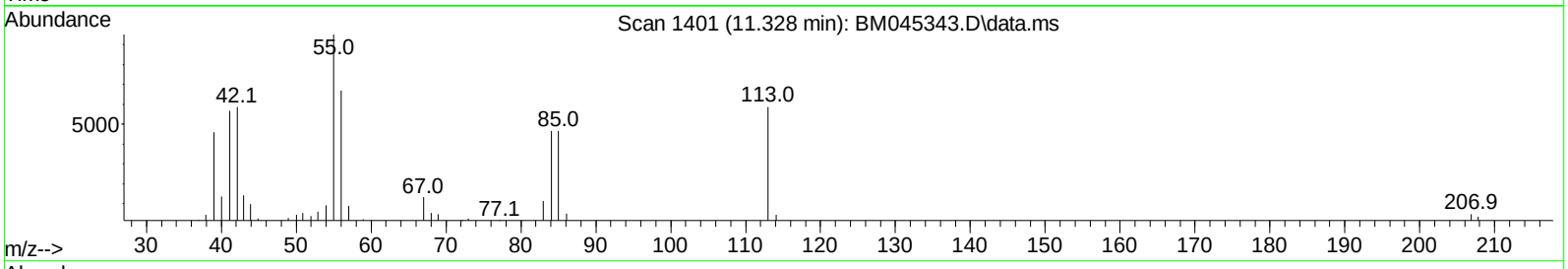

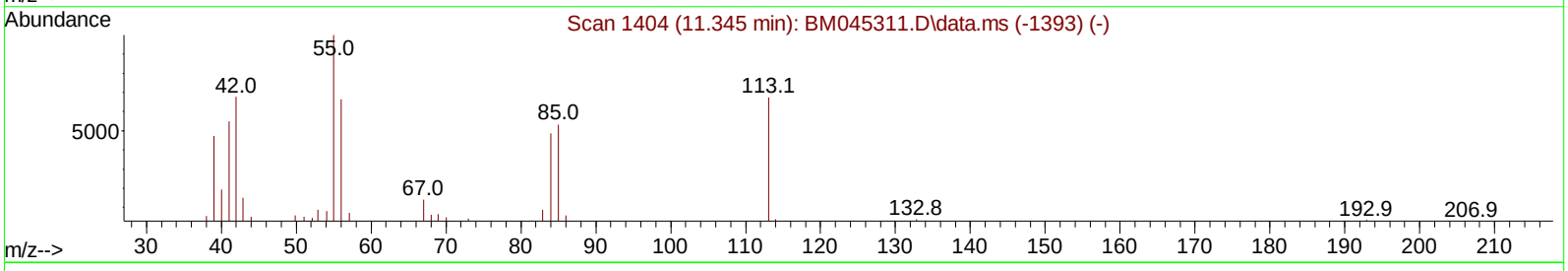

TIC: BM045343.D\data.ms

(34) Caprolactam

11.328min (-0.018) 29.26 ng/ul m

response 24176

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	162.13
56.00	114.80	114.03
0.00	0.00	0.00

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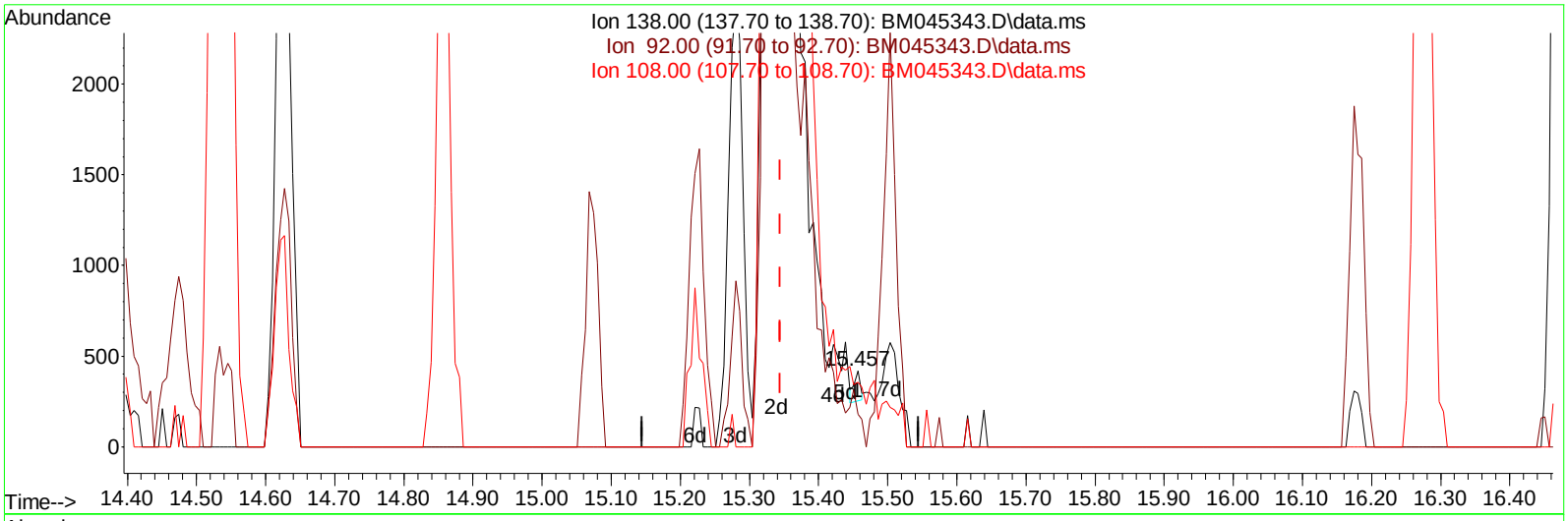

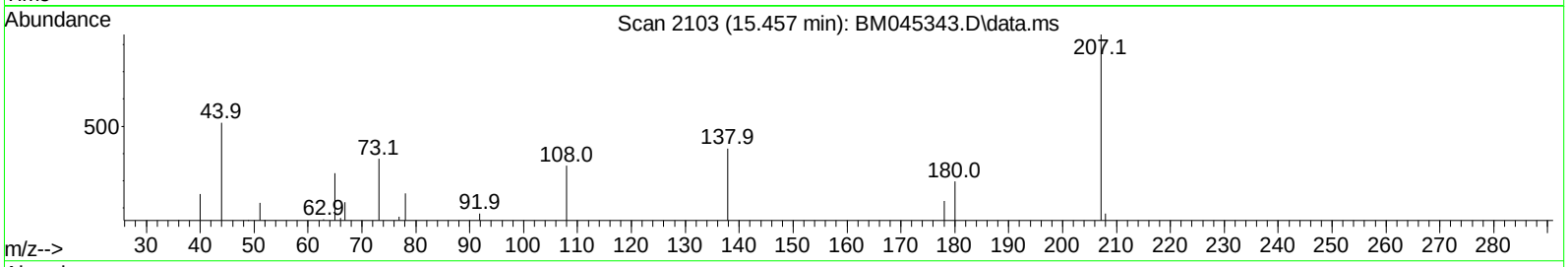

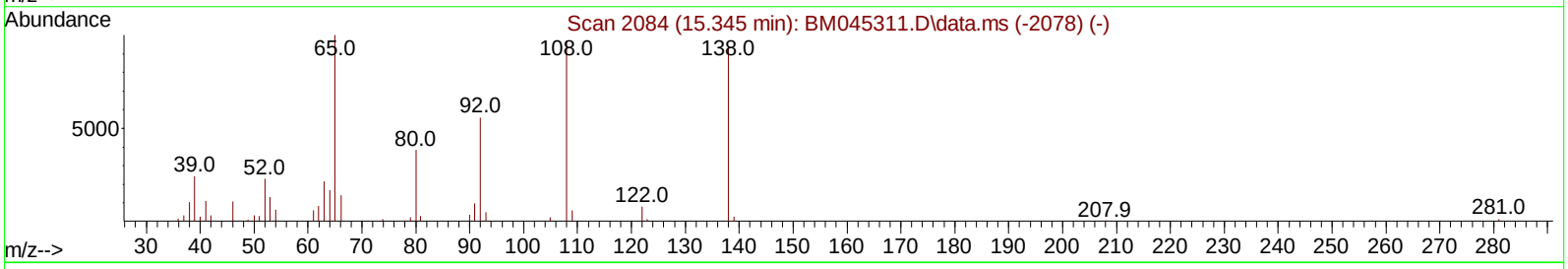

TIC: BM045343.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.112) 0.08 ng/ul

response 104

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	42.96
108.00	83.00	84.73
0.00	0.00	0.00

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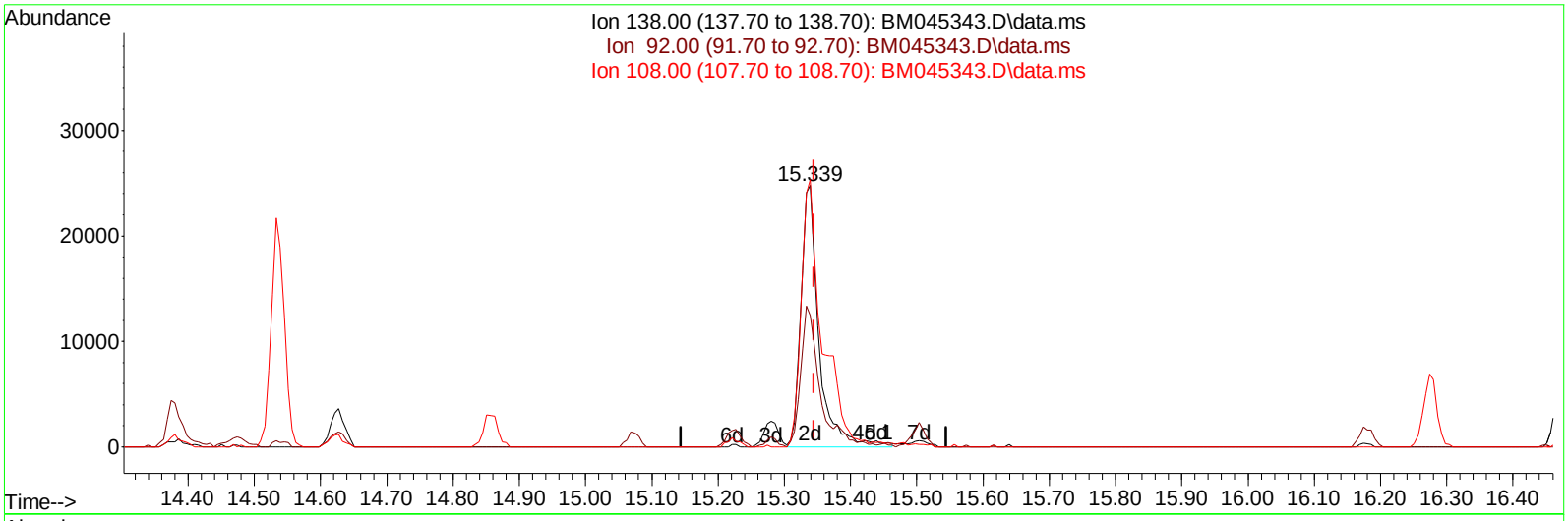

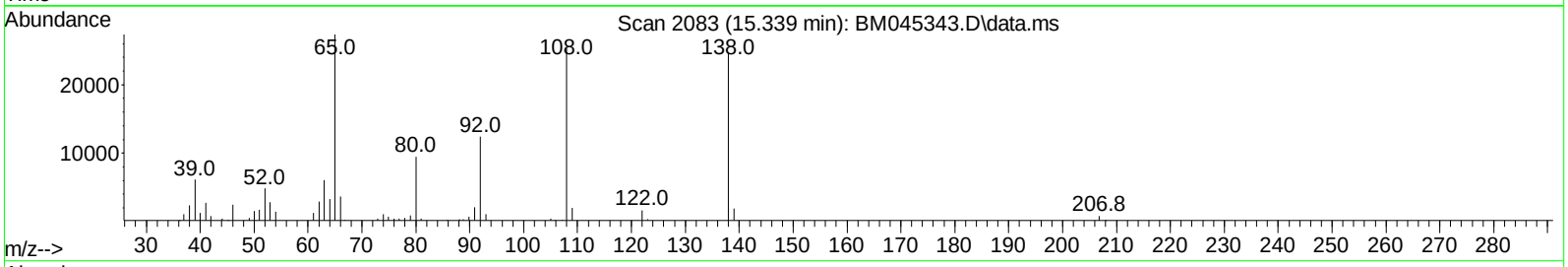

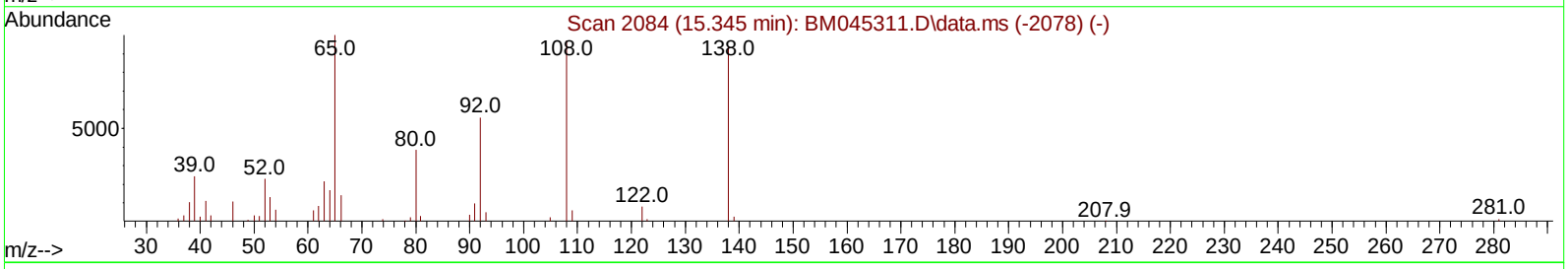

TIC: BM045343.D\data.ms

(63) 4-Nitroaniline

15.339min (-0.006) 33.86 ng/ul m

response 46660

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	50.16
108.00	83.00	102.16#
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	7.569	152	41552	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	162977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.221	164	97405	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	190239	20.000	ng/ul	0.00
79) Chrysene-d12	21.198	240	185565	20.000	ng/ul	0.00
88) Perylene-d12	23.391	264	245884	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8226	7.393	ng/uL	0.00
4) Pyridine-d5	3.569	84	89099	29.445	ng/ul	0.00
7) Phenol-d5	6.757	99	106519	30.239	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	68054	32.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	95512	34.609	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	84971	30.817	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	44013	35.158	ng/ul	0.00
24) 2-Nitrophenol-d4	9.439	143	47460	35.918	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	84745	34.981	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	107983	27.996	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	236064	34.807	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	278372	34.744	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	40612	28.693	ng/ul	-0.01
60) Fluorene-d10	15.227	176	197718	32.700	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.368	200	35551	31.518	ng/ul	-0.01
73) Anthracene-d10	17.080	188	303243	35.434	ng/ul	0.00
81) Pyrene-d10	19.392	212	342584	37.493	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	431355	35.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	12266	10.555	ng/uL#	87
5) Pyridine	3.587	79	93129	29.046	ng/ul	96
6) Benzaldehyde	6.740	77	62586	38.327	ng/ul	96
8) Phenol	6.781	94	110815	30.379	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.022	93	88935	31.239	ng/ul	97
12) 2-Chlorophenol	7.140	128	94410	32.602	ng/ul	97
13) 2-Methylphenol	8.016	108	79348	29.470	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.092	45	105767	31.149	ng/ul	98
16) Acetophenone	8.398	105	134358	29.972	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	66538	31.437	ng/ul#	90
18) 4-Methylphenol	8.345	108	89270	30.760	ng/ul	95
19) Hexachloroethane	8.616	117	44226	34.723	ng/ul	96
22) Nitrobenzene	8.775	77	108585	35.354	ng/ul	95
23) Isophorone	9.292	82	184911	32.768	ng/ul	99
25) 2-Nitrophenol	9.469	139	51806	35.324	ng/ul#	85
26) 2,4-Dimethylphenol	9.534	107	90123	31.874	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.781	93	111797	33.418	ng/ul	98
29) 2,4-Dichlorophenol	9.998	162	83298	34.032	ng/ul	95
30) Naphthalene	10.386	128	284414	32.966	ng/ul	98
32) 4-Chloroaniline	10.522	127	98960	26.367	ng/ul	100
33) Hexachlorobutadiene	10.651	225	50562	33.224	ng/ul	89
34) Caprolactam	11.328	113	24176m	29.257	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	82976	34.103	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	186019	33.022	ng/ul	98
37) 1-Methylnaphthalene	12.233	142	188304	33.033	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.386	216	91346	34.291	ng/ul	97
40) Hexachlorocyclopentadiene	12.345	237	50873	31.548	ng/ul	96
41) 2,4,6-Trichlorophenol	12.639	196	62492	35.962	ng/ul	93
42) 2,4,5-Trichlorophenol	12.716	196	66667	34.819	ng/ul	98
43) 1,1'-Biphenyl	13.045	154	240460	34.960	ng/ul	96
44) 2-Chloronaphthalene	13.086	162	189710	33.949	ng/ul	97
45) 2-Nitroaniline	13.316	65	56165	36.410	ng/ul	93
47) Dimethylphthalate	13.698	163	237080	33.444	ng/ul#	99
48) 2,6-Dinitrotoluene	13.827	165	47423	34.131	ng/ul#	77
50) Acenaphthylene	13.939	152	304872	32.580	ng/ul	99
51) 3-Nitroaniline	14.163	138	44489	29.355	ng/ul	89
52) Acenaphthene	14.286	153	203229	32.547	ng/ul	98
53) 2,4-Dinitrophenol	14.380	184	22626	27.390	ng/ul	84
55) 4-Nitrophenol	14.474	109	39569	31.787	ng/ul	84
56) Dibenzofuran	14.627	168	273304	31.986	ng/ul	97
57) 2,4-Dinitrotoluene	14.621	165	65752	31.615	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	14.857	232	55341	33.772	ng/ul	94
59) Diethylphthalate	15.074	149	245254	33.913	ng/ul	97
61) Fluorene	15.280	166	224931	31.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.280	204	99818	29.571	ng/ul	91
63) 4-Nitroaniline	15.339	138	46660m	33.863	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.386	198	38581	31.939	ng/ul	97
67) N-Nitrosodiphenylamine	15.504	169	187176	36.473	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	65761	35.493	ng/ul	96
69) Hexachlorobenzene	16.274	284	81230	33.703	ng/ul	92
70) Atrazine	16.474	200	65801	34.857	ng/ul	99
71) Pentachlorophenol	16.633	266	48256	32.961	ng/ul	97
72) Phenanthrene	17.027	178	345808	33.779	ng/ul	99
74) Anthracene	17.115	178	351360	33.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.998	216	91015	37.959	ng/uL	97
76) Pentachlorobenzene	14.539	250	91004	35.672	ng/uL	99
77) Carbazole	17.404	167	333751	33.052	ng/ul	97
78) Di-n-butylphthalate	17.968	149	426089	37.417	ng/ul	99
80) Fluoranthene	19.056	202	400335	37.147	ng/ul	99
82) Pyrene	19.421	202	436286	37.515	ng/ul	98
83) Butylbenzylphthalate	20.345	149	201765	41.409	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.127	252	138652	33.604	ng/ul	97
85) Benzo(a)anthracene	21.180	228	431812	34.295	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	296102	38.877	ng/ul	97
87) Chrysene	21.233	228	411686	35.074	ng/ul	97
89) Di-n-octyl phthalate	22.003	149	537342	34.733	ng/ul	100
90) Benzo(b)fluoranthene	22.739	252	500180	34.902	ng/ul	100
91) Benzo(k)fluoranthene	22.786	252	471676	32.700	ng/ul	100
93) Benzo(a)pyrene	23.297	252	428013	30.687	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.591	276	665716	36.847	ng/ul	99
95) Dibenzo(a,h)anthracene	25.603	278	543255	35.965	ng/ul	98
96) Benzo(g,h,i)perylene	26.256	276	534541	37.504	ng/ul	98

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

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