Quantitation Report (Qedit)

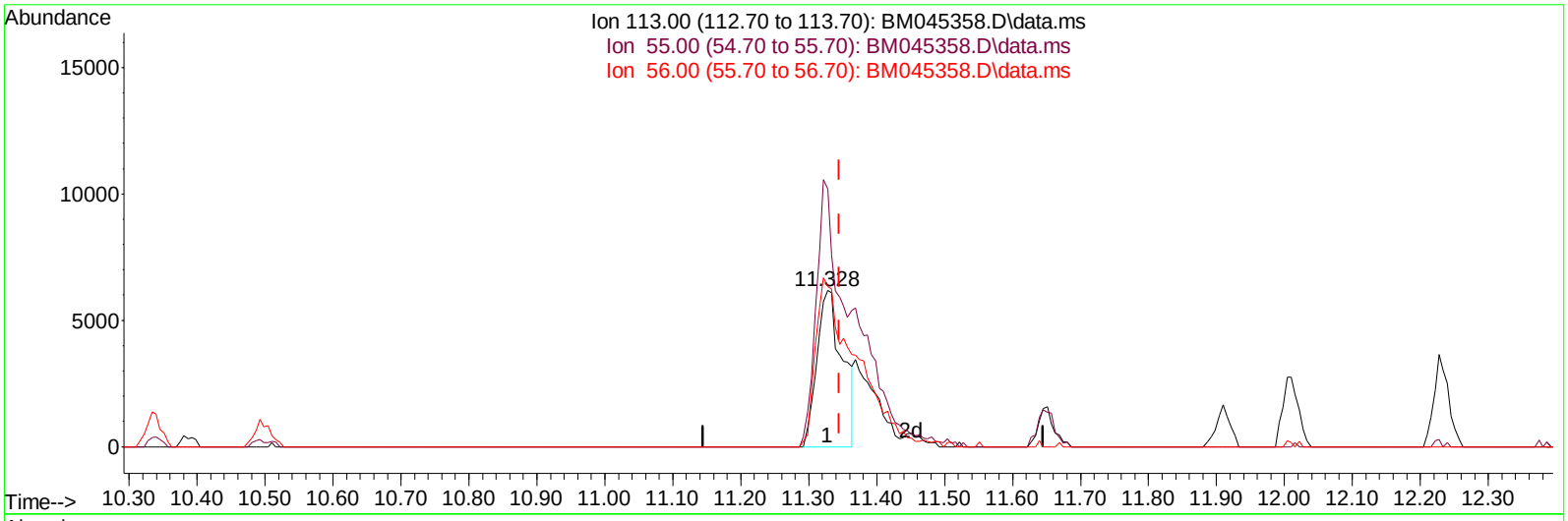
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045358.D
Acq On : 18 Apr 2024 16:42
Operator : MA/JU
Sample : PB160316BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

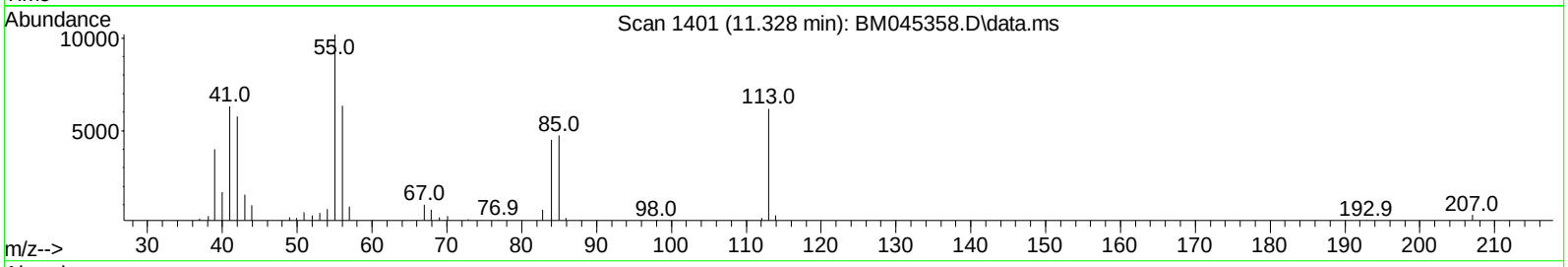
Quant Time: Apr 18 17:18:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

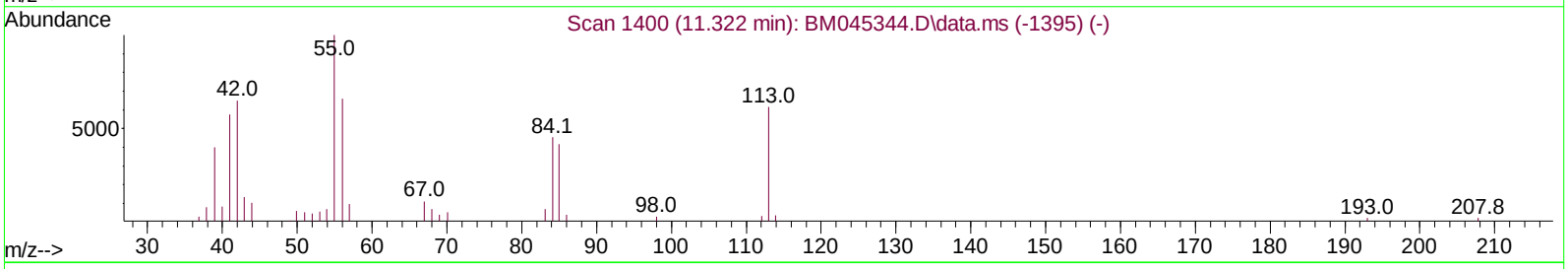
Instrument :
BNA_M
ClientSampleId :
SLCS316

Manual IntegrationsAPPROVED

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







TIC: BM045358.D\data.ms

(34) Caprolactam

11.328min (-0.018) 20.49 ng/ul

response 15948

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	164.97
56.00	114.80	102.66
0.00	0.00	0.00

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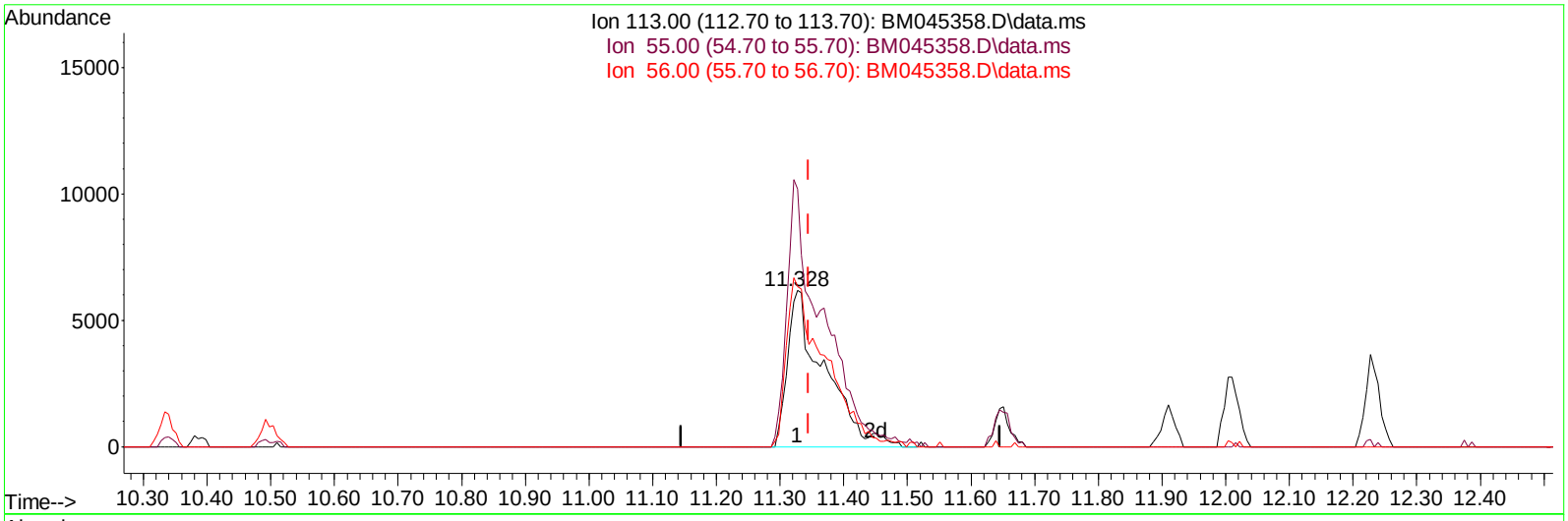

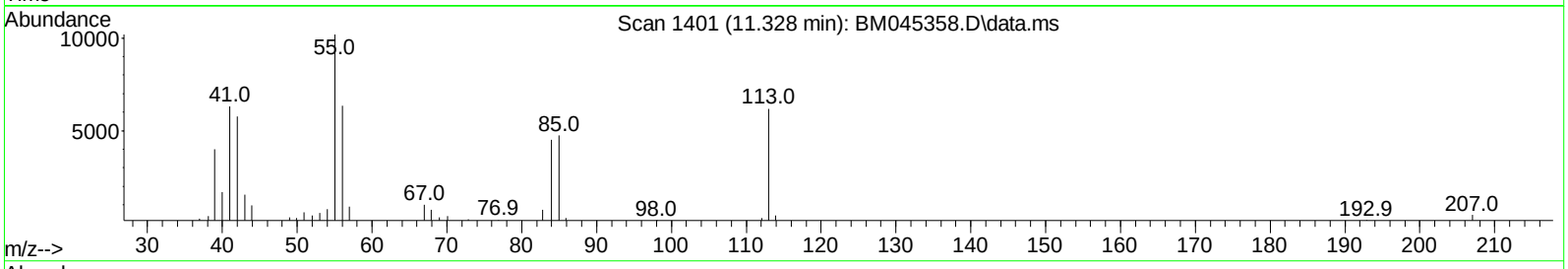

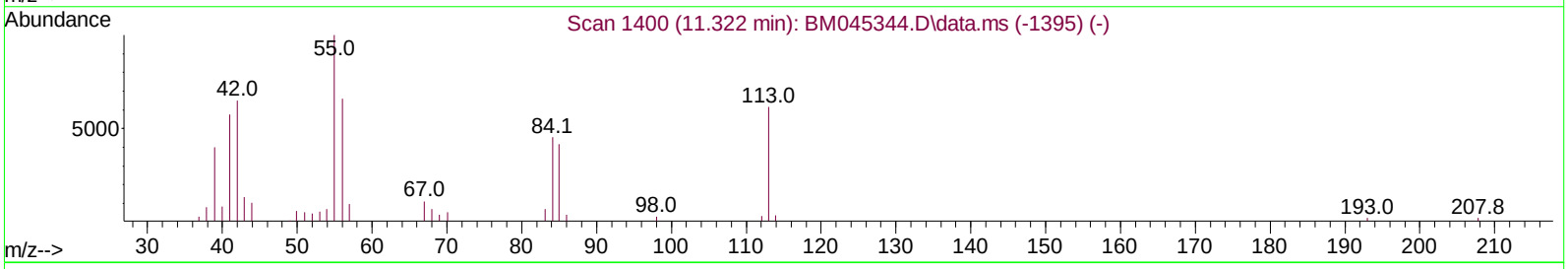

TIC: BM045358.D\data.ms

(34) Caprolactam

11.328min (-0.018) 31.70 ng/ul m

response 24681

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	164.97
56.00	114.80	102.66
0.00	0.00	0.00

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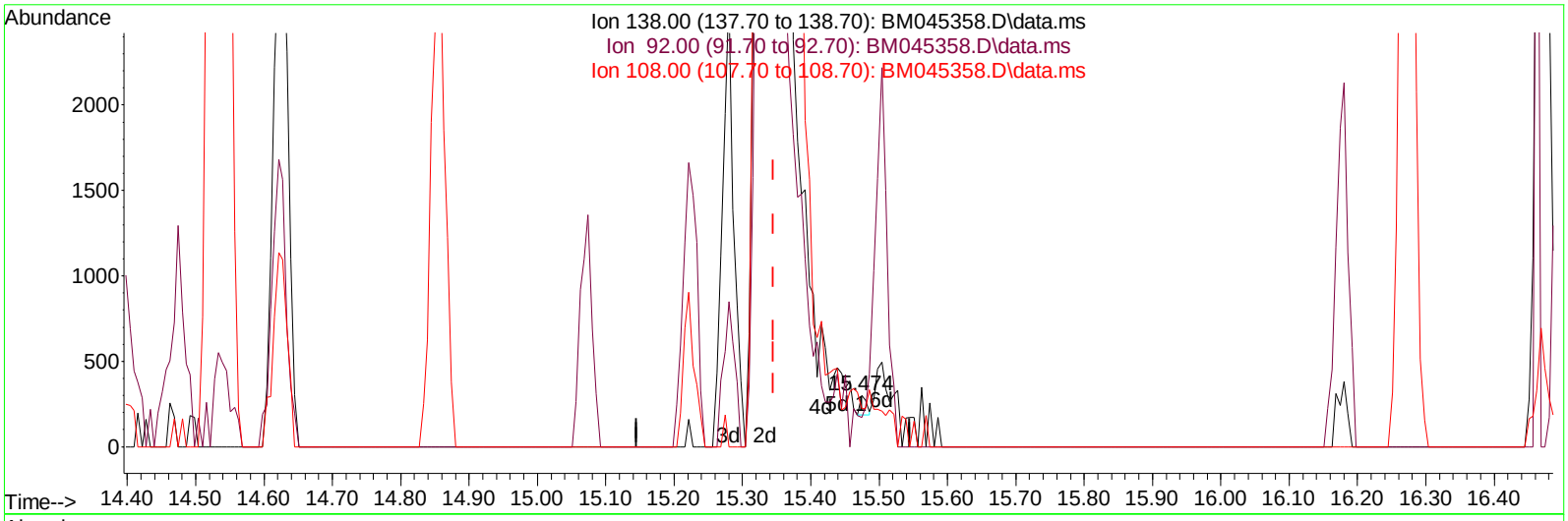

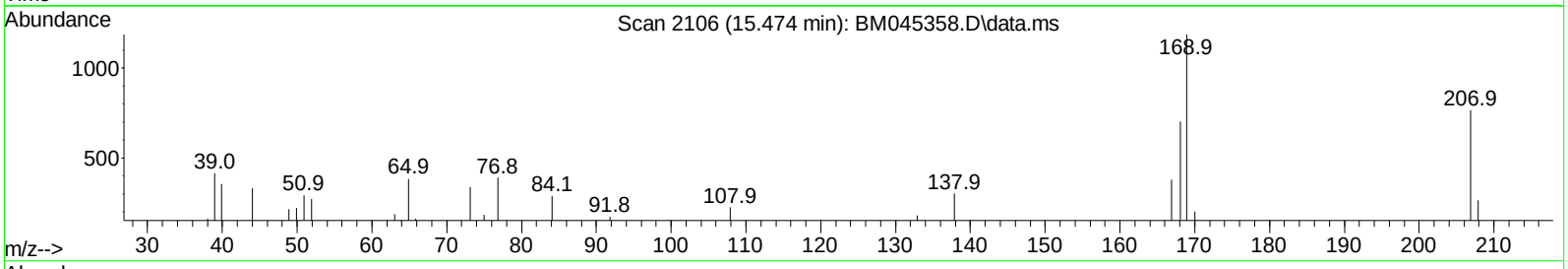

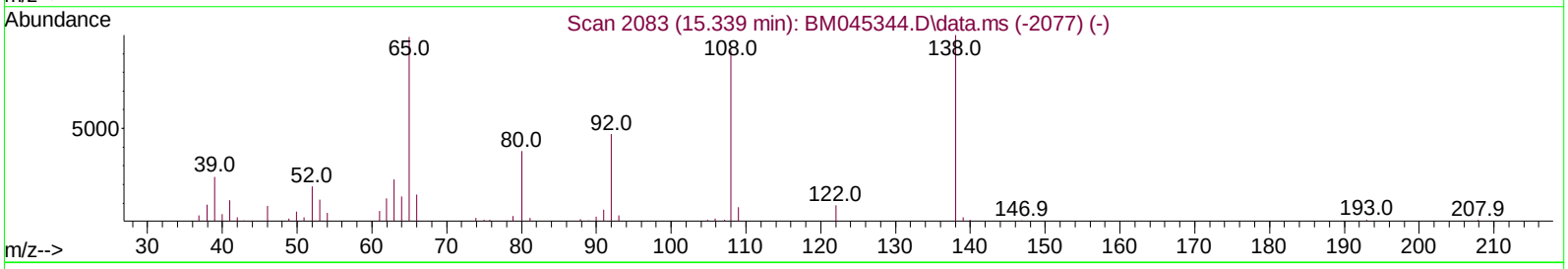

TIC: BM045358.D\data.ms

(63) 4-Nitroaniline

15.474min (+ 0.129) 0.06 ng/ul

response 78

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	57.48
108.00	83.00	74.42
0.00	0.00	0.00

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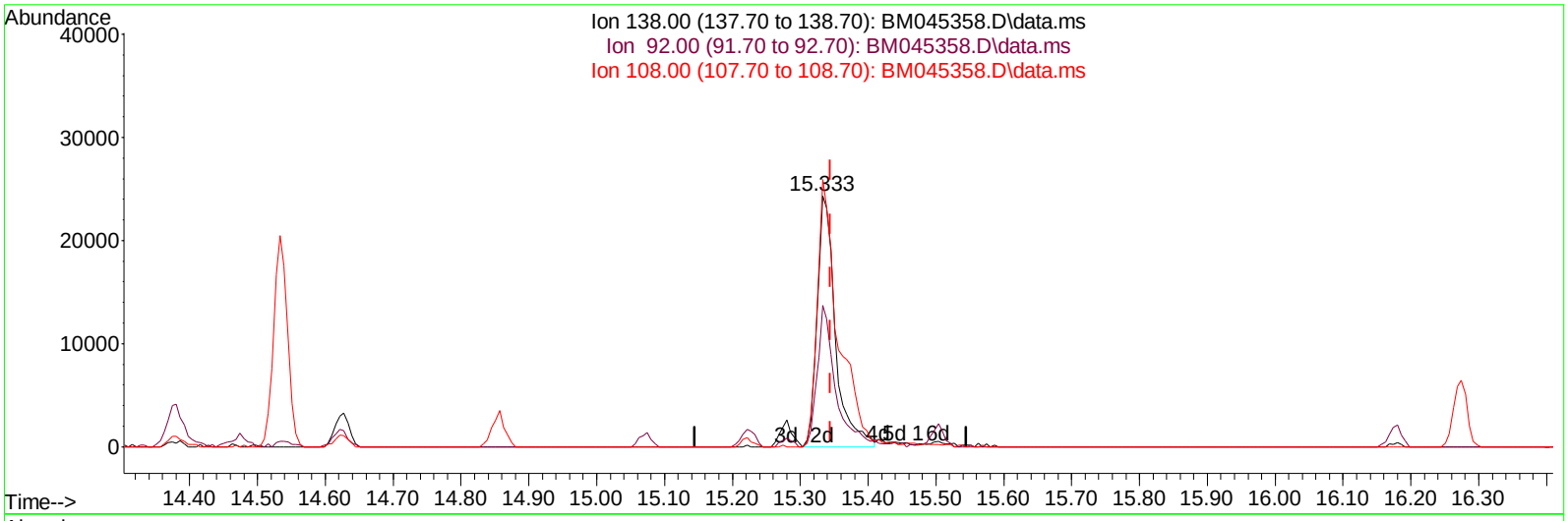

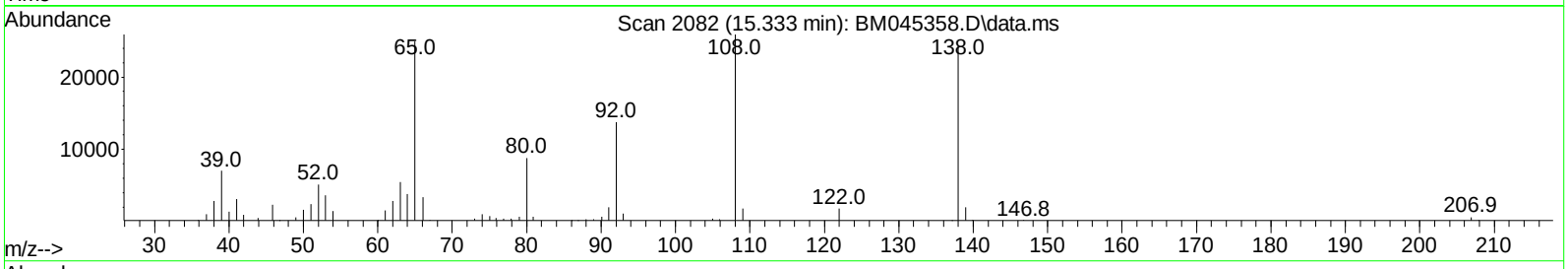

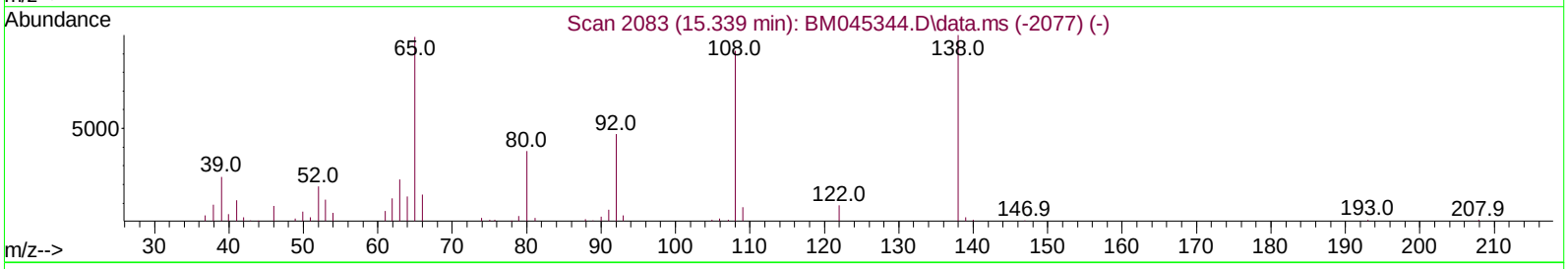

TIC: BM045358.D\data.ms

(63) 4-Nitroaniline

15.333min (-0.012) 34.76 ng/ul m

response 45325

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	56.40
108.00	83.00	106.41#
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	36795	20.000	ng/ul	0.00
20) Naphthalene-d8	10.333	136	153545	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.221	164	92185	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	180502	20.000	ng/ul	0.00
79) Chrysene-d12	21.197	240	173803	20.000	ng/ul	0.00
88) Perylene-d12	23.391	264	238239	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	7602	7.715	ng/uL	0.00
4) Pyridine-d5	3.563	84	82956	30.959	ng/ul	0.00
7) Phenol-d5	6.751	99	109341	35.053	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	68386	36.798	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	92971	38.044	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	84654	34.671	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	42943	36.410	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.439	143	47507	38.162	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	84253	36.914	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	108925	29.975	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	232303	36.192	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	274602	36.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	40984	30.595	ng/ul	0.00
60) Fluorene-d10	15.221	176	195956	34.244	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.368	200	34780	32.497	ng/ul	-0.01
73) Anthracene-d10	17.080	188	294515	36.271	ng/ul	0.00
81) Pyrene-d10	19.386	212	333204	38.935	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.250	264	439180	37.789	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	11586	11.259	ng/uL#	88
5) Pyridine	3.581	79	89647	31.575	ng/ul	96
6) Benzaldehyde	6.740	77	60576	41.892	ng/ul	97
8) Phenol	6.781	94	111424	34.495	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.022	93	85353	33.857	ng/ul	95
12) 2-Chlorophenol	7.134	128	92356	36.016	ng/ul	97
13) 2-Methylphenol	8.016	108	80134	33.609	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.092	45	100015	33.263	ng/ul	99
16) Acetophenone	8.398	105	131959	33.243	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.381	70	65441	34.915	ng/ul#	88
18) 4-Methylphenol	8.345	108	89199	34.710	ng/ul	100
19) Hexachloroethane	8.610	117	42885	38.024	ng/ul	90
22) Nitrobenzene	8.775	77	107987	37.319	ng/ul	93
23) Isophorone	9.292	82	186713	35.120	ng/ul	98
25) 2-Nitrophenol	9.469	139	50261	36.376	ng/ul#	86
26) 2,4-Dimethylphenol	9.534	107	78558	29.491	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.775	93	107664	34.160	ng/ul	97
29) 2,4-Dichlorophenol	9.992	162	84654	36.711	ng/ul	96
30) Naphthalene	10.386	128	277561	34.148	ng/ul	99
32) 4-Chloroaniline	10.522	127	97820	27.665	ng/ul	99
33) Hexachlorobutadiene	10.651	225	47922	33.424	ng/ul	91
34) Caprolactam	11.328	113	24681m	31.703	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	81793	35.681	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	181912	34.277	ng/ul	100
37) 1-Methylnaphthalene	12.233	142	183864	34.235	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.380	216	88952	35.283	ng/ul	97
40) Hexachlorocyclopentadiene	12.339	237	45052	29.520	ng/ul	100
41) 2,4,6-Trichlorophenol	12.639	196	61007	37.096	ng/ul	95
42) 2,4,5-Trichlorophenol	12.716	196	67634	37.325	ng/ul	94
43) 1,1'-Biphenyl	13.045	154	229868	35.312	ng/ul	96
44) 2-Chloronaphthalene	13.086	162	184692	34.922	ng/ul	98
45) 2-Nitroaniline	13.316	65	58599	40.139	ng/ul	88
47) Dimethylphthalate	13.698	163	228131	34.004	ng/ul	99
48) 2,6-Dinitrotoluene	13.827	165	46698	35.513	ng/ul#	82
50) Acenaphthylene	13.939	152	298501	33.705	ng/ul	99
51) 3-Nitroaniline	14.163	138	44287	30.876	ng/ul	92
52) Acenaphthene	14.286	153	199330	33.730	ng/ul	98
53) 2,4-Dinitrophenol	14.380	184	24444	31.267	ng/ul	88
55) 4-Nitrophenol	14.474	109	37785	32.073	ng/ul#	81
56) Dibenzofuran	14.627	168	267320	33.057	ng/ul	97
57) 2,4-Dinitrotoluene	14.621	165	64766	32.904	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.857	232	53334	34.390	ng/ul	98
59) Diethylphthalate	15.068	149	232546	33.976	ng/ul	99
61) Fluorene	15.280	166	217021	31.841	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.280	204	99247	31.067	ng/ul	92
63) 4-Nitroaniline	15.333	138	45325m	34.757	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.386	198	37691	32.885	ng/ul	96
67) N-Nitrosodiphenylamine	15.504	169	180351	37.039	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	63567	36.159	ng/ul	96
69) Hexachlorobenzene	16.274	284	77864	34.050	ng/ul#	89
70) Atrazine	16.474	200	62656	34.982	ng/ul	97
71) Pentachlorophenol	16.633	266	44937	32.350	ng/ul#	89
72) Phenanthrene	17.021	178	340754	35.080	ng/ul	99
74) Anthracene	17.115	178	338880	34.106	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	88756	39.013	ng/uL	99
76) Pentachlorobenzene	14.533	250	88714	36.650	ng/uL	98
77) Carbazole	17.404	167	323907	33.808	ng/ul	99
78) Di-n-butylphthalate	17.968	149	401163	37.128	ng/ul	99
80) Fluoranthene	19.051	202	384597	38.102	ng/ul	99
82) Pyrene	19.421	202	412725	37.891	ng/ul	97
83) Butylbenzylphthalate	20.345	149	178584	39.132	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.127	252	130027	33.646	ng/ul	96
85) Benzo(a)anthracene	21.180	228	411076	34.858	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.127	149	252639	35.415	ng/ul	95
87) Chrysene	21.233	228	390915	35.559	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	457819	30.543	ng/ul	100
90) Benzo(b)fluoranthene	22.739	252	481898	34.705	ng/ul	99
91) Benzo(k)fluoranthene	22.780	252	484588	34.673	ng/ul	99
93) Benzo(a)pyrene	23.297	252	431681	31.944	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.585	276	689051	39.363	ng/ul	99
95) Dibenzo(a,h)anthracene	25.597	278	560233	38.279	ng/ul	97
96) Benzo(g,h,i)perylene	26.256	276	541471	39.209	ng/ul	99

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

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