Quantitation Report (Qedit)

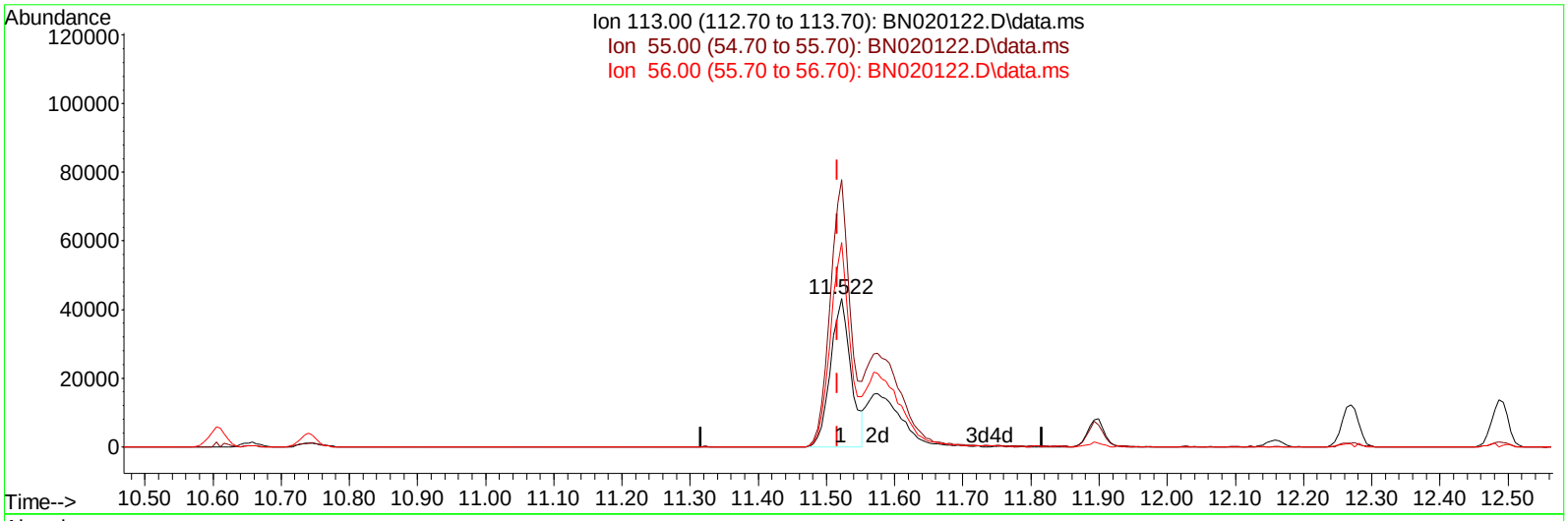
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020122.D
Acq On : 11 Jun 2022 04:46
Operator : CG/JU
Sample : PB145433BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

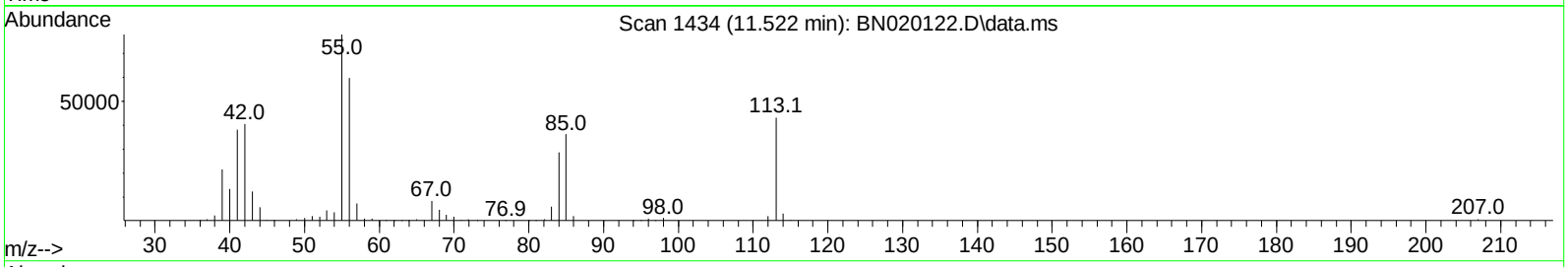
Quant Time: Jun 11 05:47:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

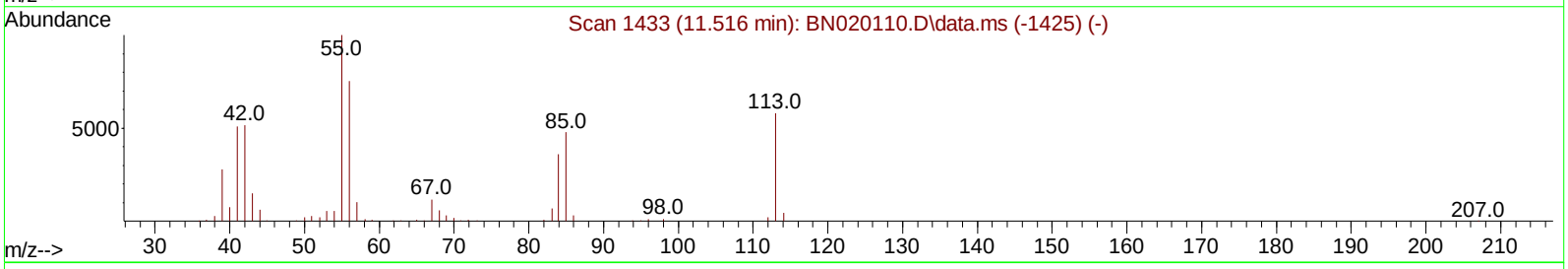
Instrument :
BNA_N
ClientSampleId :
SLCS433

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2022
Supervised By :mohammad ahmed 06/14/2022







TIC: BN020122.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 20.95 ng/ul

response 89508

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.18
56.00	133.10	137.85
0.00	0.00	0.00

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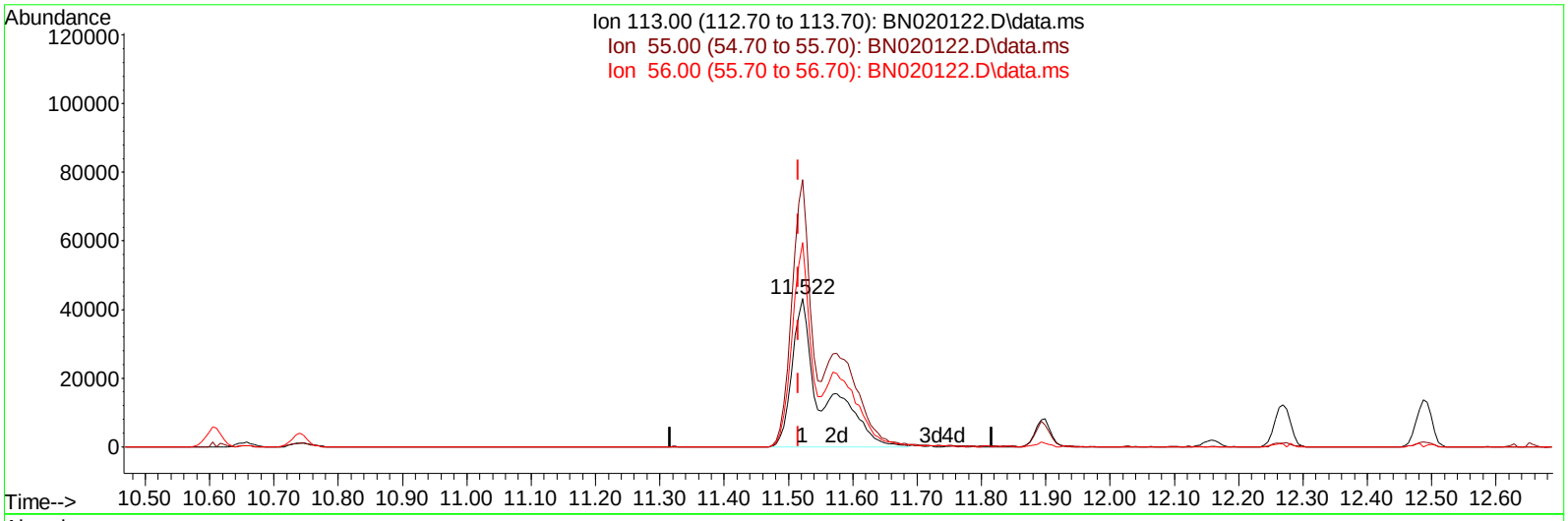

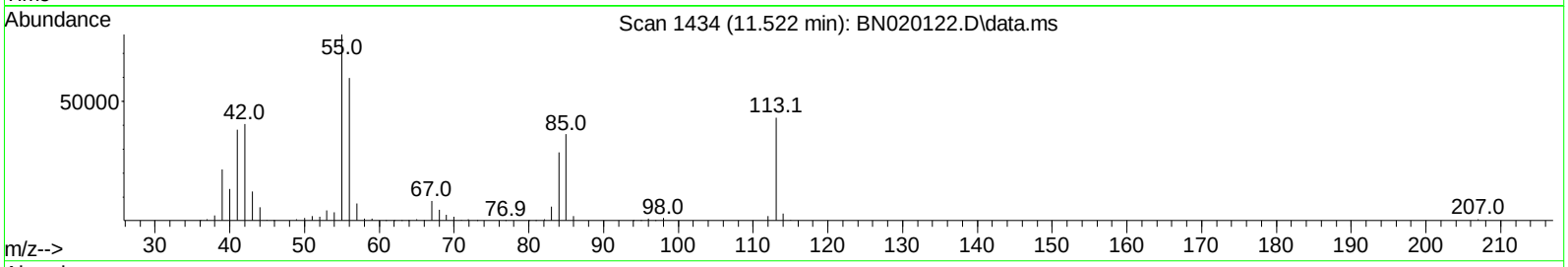

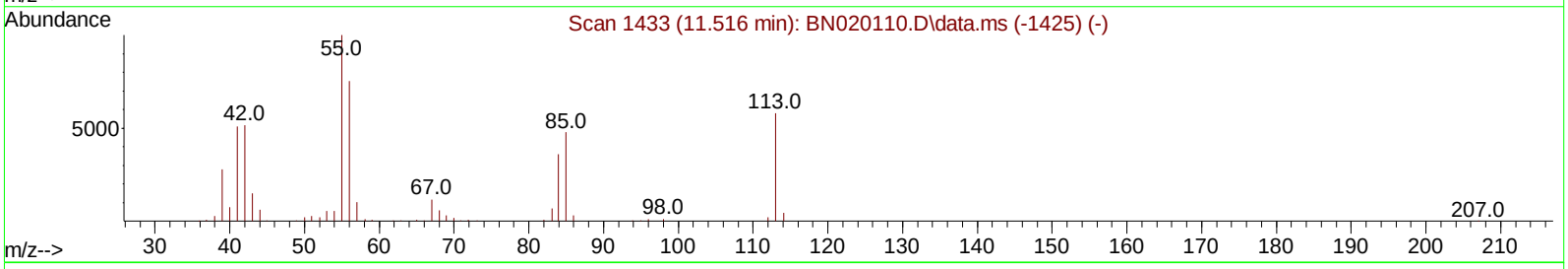

TIC: BN020122.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 33.55 ng/ul m

response 143314

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.18
56.00	133.10	137.85
0.00	0.00	0.00

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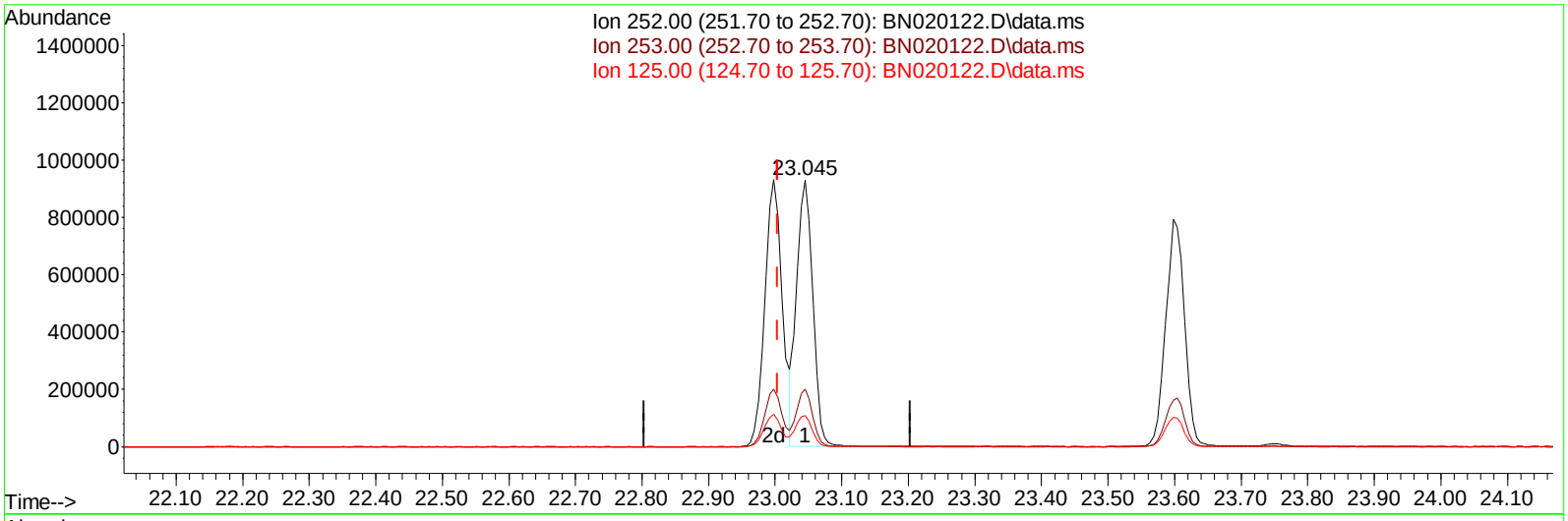

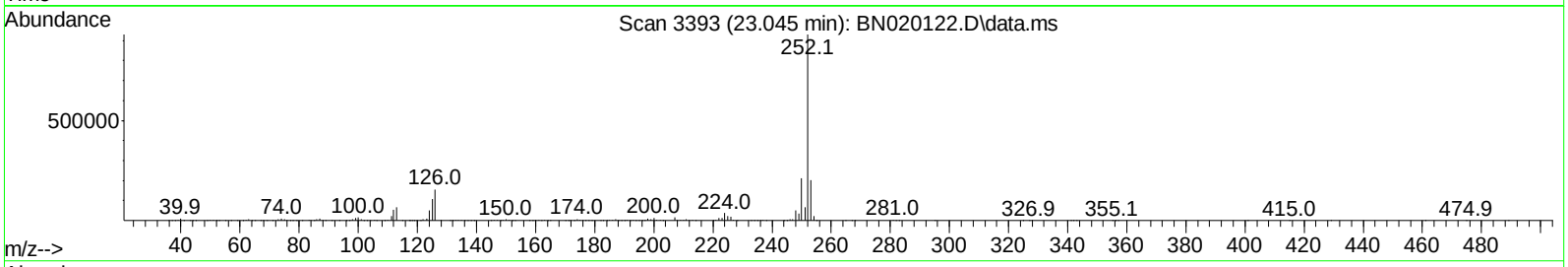

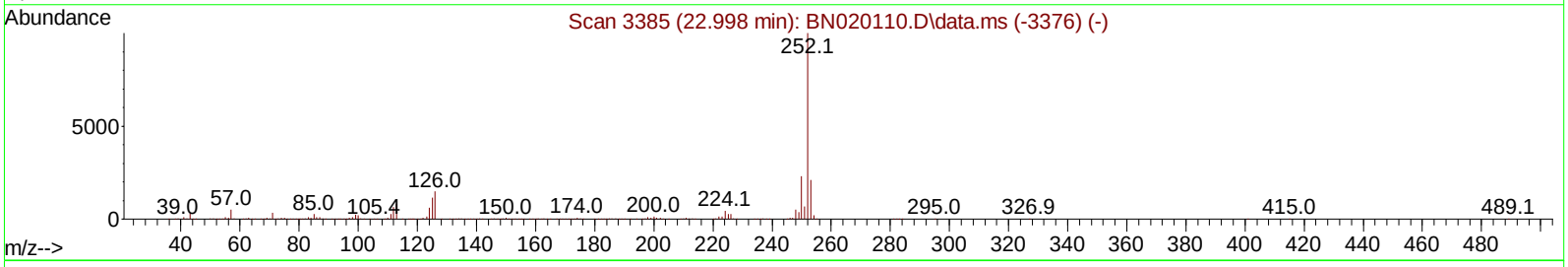

TIC: BN020122.D\data.ms

(90) Benzo(b)fluoranthene

23.045min (+ 0.041) 34.17 ng/ul

response 1578479

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.56
125.00	9.80	11.66
0.00	0.00	0.00

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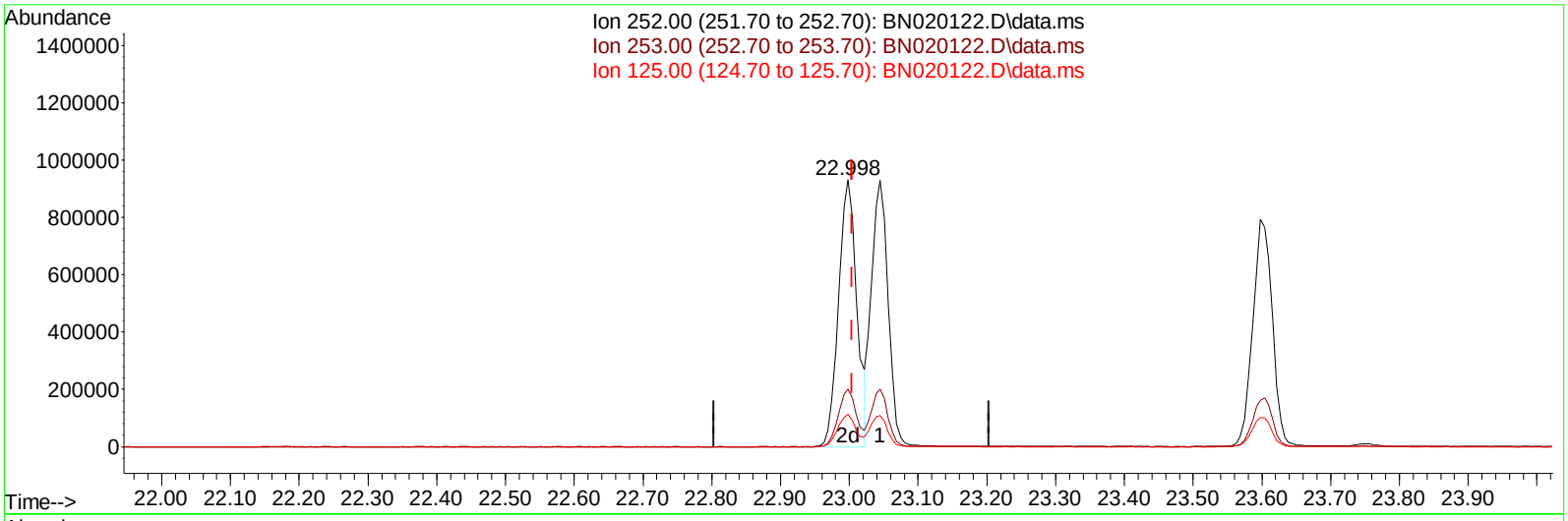

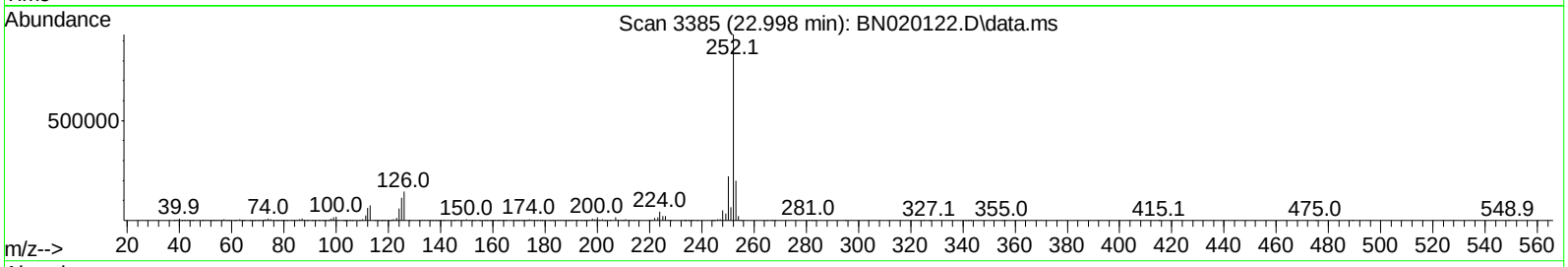

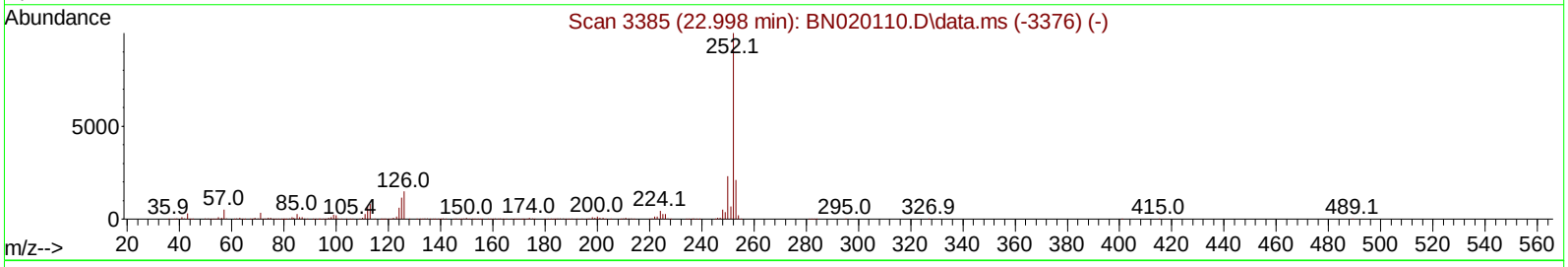

TIC: BN020122.D\data.ms

(90) Benzo(b)fluoranthene

22.998min (-0.006) 37.03 ng/ul m

response 1710521

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.51
125.00	9.80	12.20#
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	7.816	152	159198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	750251	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.446	164	481290	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.187	188	985513	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	830336	20.000	ng/ul	0.00
88) Perylene-d12	23.698	264	736046	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	22195	6.038	ng/uL	0.00
4) Pyridine-d5	3.681	84	319406	31.794	ng/ul	0.00
7) Phenol-d5	6.987	99	454125	34.473	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	277683	33.739	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	371552	34.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	390815	34.291	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	193132	33.837	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	213568	35.257	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	363985	34.420	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	539219	31.488	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1152207	32.902	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	1328075	32.702	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.646	143	233575	33.285	ng/ul	0.00
60) Fluorene-d10	15.440	176	949656	32.771	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	199786	34.997	ng/ul	0.00
73) Anthracene-d10	17.287	188	1432386	33.303	ng/ul	0.00
81) Pyrene-d10	19.581	212	1623073	36.057	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1302226	36.160	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	45763	11.794	ng/uL#	95
5) Pyridine	3.705	79	333506	31.666	ng/ul	93
6) Benzaldehyde	6.958	77	264377	42.593	ng/ul	90
8) Phenol	7.017	94	473852	33.781	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	365713	33.310	ng/ul	100
12) 2-Chlorophenol	7.381	128	378299	33.813	ng/ul	99
13) 2-Methylphenol	8.258	108	365218	33.867	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	563229	32.715	ng/ul	97
16) Acetophenone	8.634	105	575430	33.200	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	292690	33.057	ng/ul	92
18) 4-Methylphenol	8.593	108	403104	33.868	ng/ul	99
19) Hexachloroethane	8.899	117	146822	32.614	ng/ul	89
22) Nitrobenzene	9.011	77	432863	32.708	ng/ul	96
23) Isophorone	9.540	82	831982	31.840	ng/ul	98
25) 2-Nitrophenol	9.722	139	227535	33.993	ng/ul	99
26) 2,4-Dimethylphenol	9.787	107	426601	30.763	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	511850	32.010	ng/ul	98
29) 2,4-Dichlorophenol	10.258	162	364889	33.358	ng/ul	98
30) Naphthalene	10.658	128	1233270	31.718	ng/ul	99
32) 4-Chloroaniline	10.763	127	527284	30.784	ng/ul	100
33) Hexachlorobutadiene	10.952	225	201600	32.101	ng/ul	98
34) Caprolactam	11.522	113	143314m	33.550	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	443520	34.338	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	847710	32.248	ng/ul	98
37) 1-Methylnaphthalene	12.487	142	860664	32.084	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.640	216	394959	32.176	ng/ul	96
40) Hexachlorocyclopentadiene	12.628	237	209571	28.066	ng/ul	94
41) 2,4,6-Trichlorophenol	12.881	196	286982	33.906	ng/ul	94
42) 2,4,5-Trichlorophenol	12.951	196	318020	33.926	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	1144447	32.113	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	857123	31.703	ng/ul	96
45) 2-Nitroaniline	13.522	65	293323	34.873	ng/ul	93
47) Dimethylphthalate	13.904	163	1150718	32.641	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	248865	36.105	ng/ul	94
50) Acenaphthylene	14.169	152	1423664	31.662	ng/ul	99
51) 3-Nitroaniline	14.346	138	260997	35.817	ng/ul	99
52) Acenaphthene	14.510	153	921610	31.379	ng/ul	100
53) 2,4-Dinitrophenol	14.557	184	125495	28.437	ng/ul	97
55) 4-Nitrophenol	14.657	109	195002	32.555	ng/ul	98
56) Dibenzofuran	14.846	168	1324162	32.002	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	363692	35.636	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	246385	33.483	ng/ul	96
59) Diethylphthalate	15.269	149	1204188	33.177	ng/ul	97
61) Fluorene	15.493	166	1014431	31.506	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.487	204	469041	31.633	ng/ul	90
63) 4-Nitroaniline	15.510	138	257907	37.877	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	194105	33.537	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	936717	33.155	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	294079	34.266	ng/ul	92
69) Hexachlorobenzene	16.504	284	321158	32.554	ng/ul#	92
70) Atrazine	16.651	200	340886	34.580	ng/ul	96
71) Pentachlorophenol	16.845	266	199044	32.394	ng/ul	96
72) Phenanthrene	17.228	178	1711951	32.916	ng/ul	99
74) Anthracene	17.322	178	1717388	32.839	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.246	216	420631	31.873	ng/uL	98
76) Pentachlorobenzene	14.769	250	390485	33.479	ng/uL	95
77) Carbazole	17.587	167	1642058	34.514	ng/ul	97
78) Di-n-butylphthalate	18.157	149	2100666	35.608	ng/ul	100
80) Fluoranthene	19.245	202	1989584	36.596	ng/ul	97
82) Pyrene	19.610	202	1981031	35.518	ng/ul	96
83) Butylbenzylphthalate	20.510	149	962672	38.351	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.292	252	550061	34.684	ng/ul#	97
85) Benzo(a)anthracene	21.357	228	1793477	34.205	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	1333852	37.661	ng/ul	99
87) Chrysene	21.410	228	1745386	34.025	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2389504	39.887	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1710521m	37.028	ng/ul	
91) Benzo(k)fluoranthene	23.045	252	1579462	35.917	ng/ul	97
93) Benzo(a)pyrene	23.598	252	1570011	35.111	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.098	276	1530320	33.263	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.104	278	1291284	32.860	ng/ul	96
96) Benzo(g,h,i)perylene	26.821	276	1290007	33.204	ng/ul#	93

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

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