Quantitation Report (Qedit)

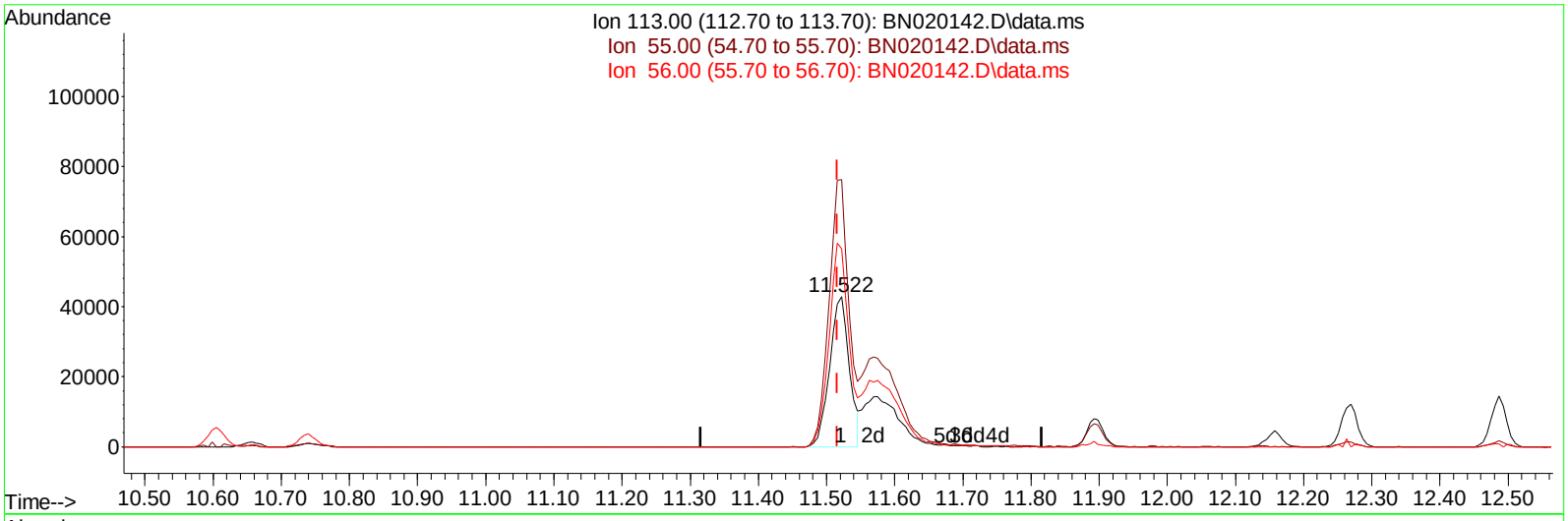
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020142.D
Acq On : 11 Jun 2022 17:16
Operator : CG/JU
Sample : PB145457BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

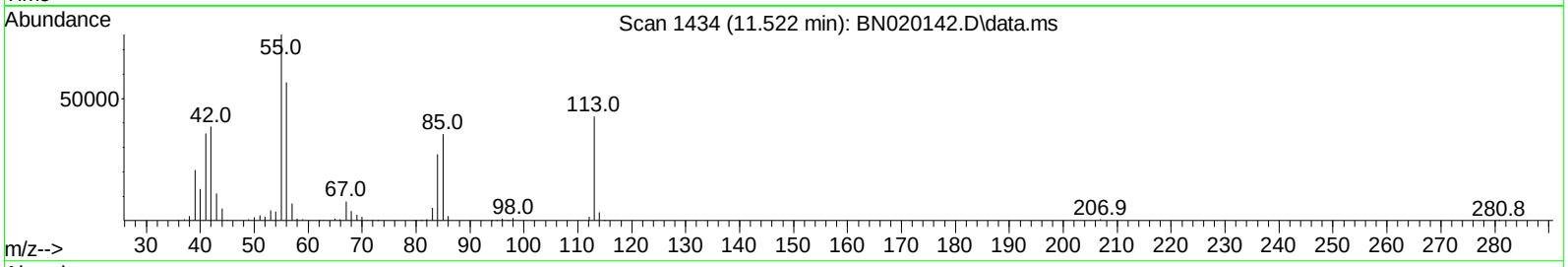
Quant Time: Jun 13 00:45:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

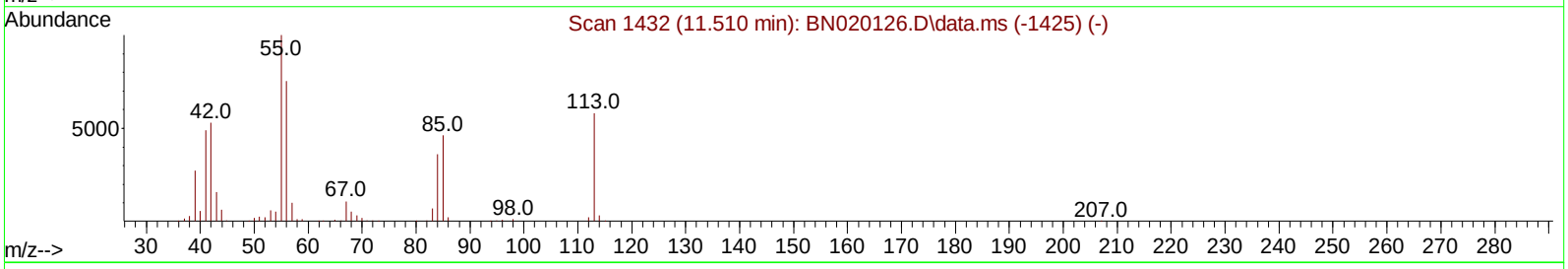
Instrument :
BNA_N
ClientSampleId :
SLCS457

Manual IntegrationsAPPROVED

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







TIC: BN020142.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 21.05 ng/ul

response 85742

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	178.09
56.00	133.10	132.21
0.00	0.00	0.00

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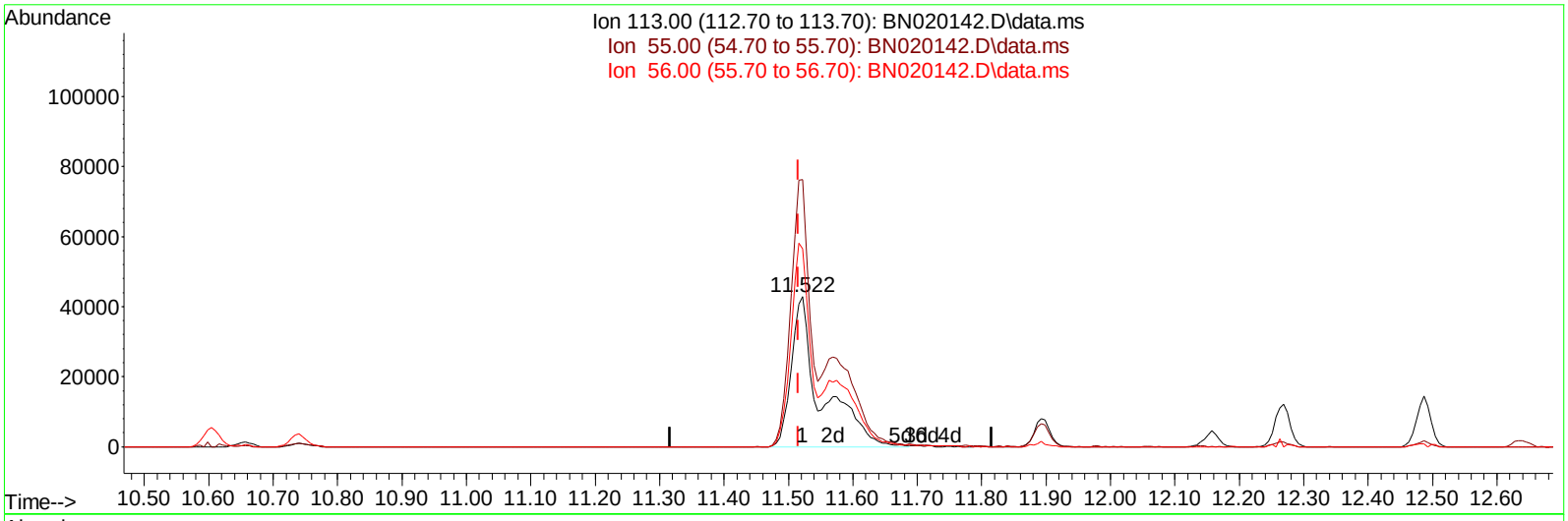

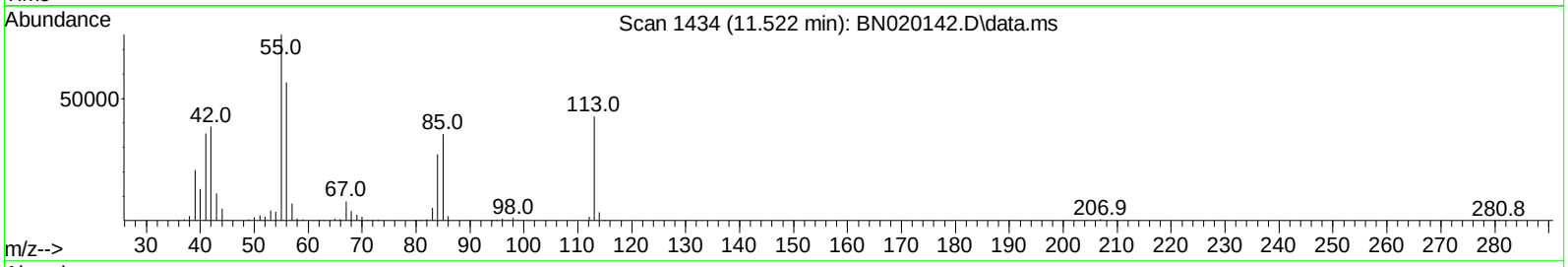

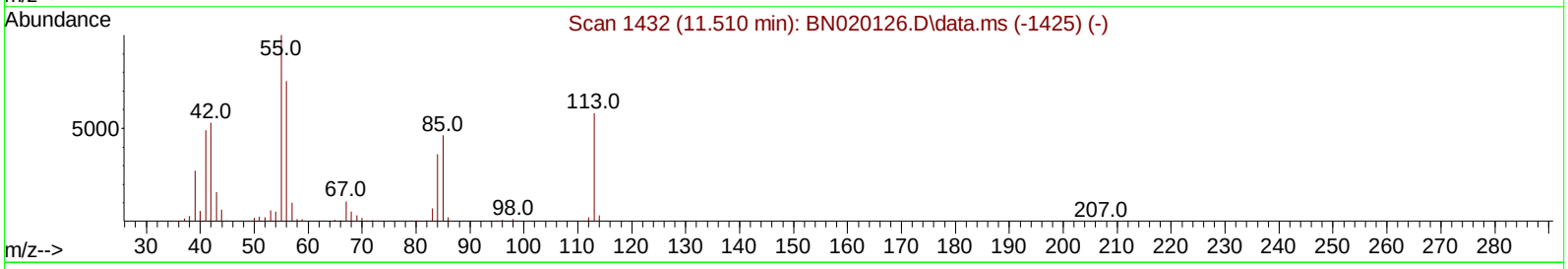

TIC: BN020142.D\data.ms

(34) Caprolactam

11.522min (+ 0.006) 33.88 ng/ul m

response 138006

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	178.09
56.00	133.10	132.21
0.00	0.00	0.00

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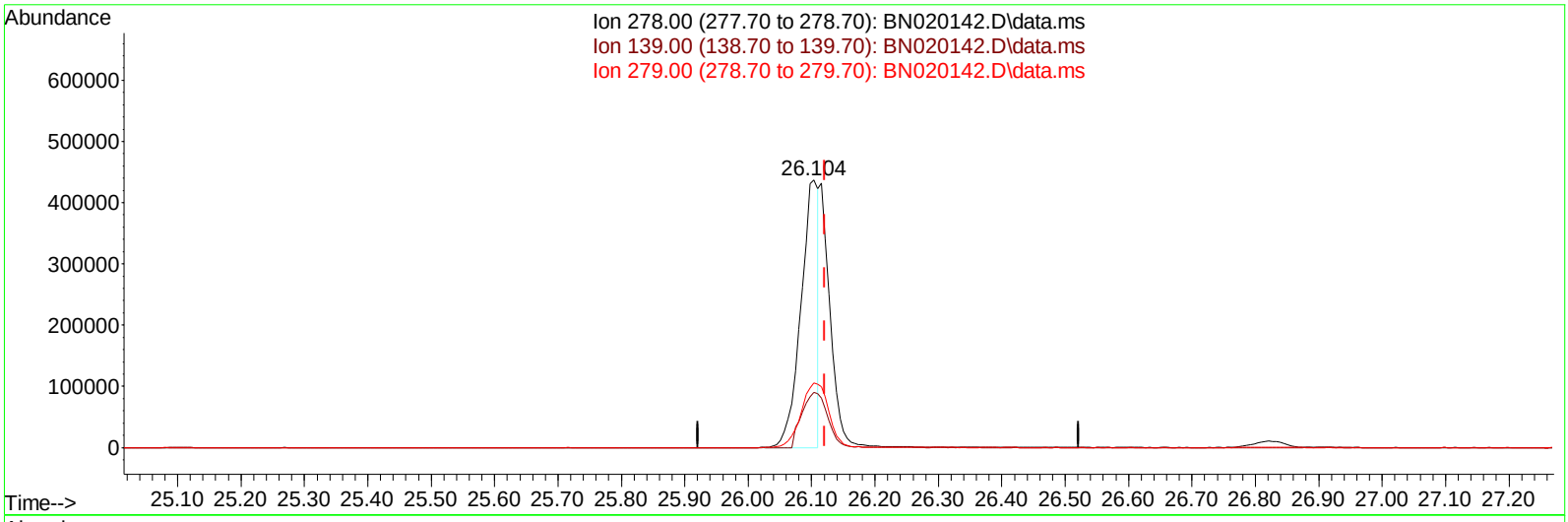

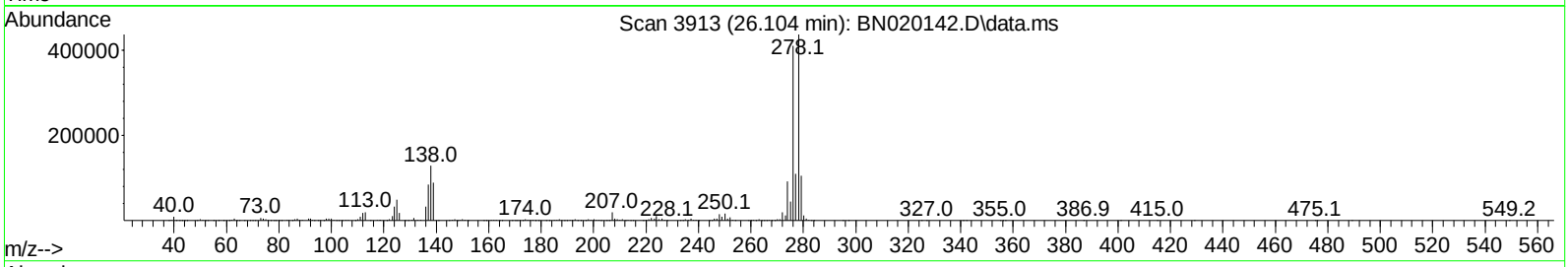

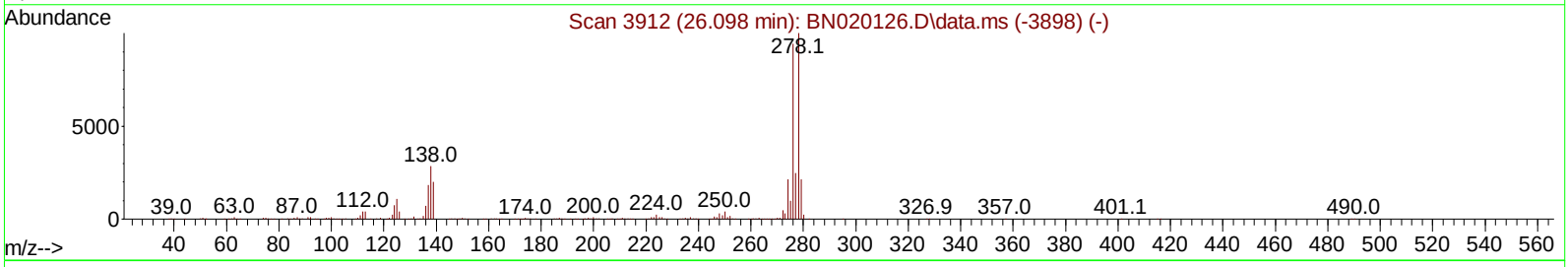

TIC: BN020142.D\data.ms

(95) Dibenzo(a,h)anthracene

26.104min (-0.017) 20.07 ng/ul

response 836970

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.30	20.54
279.00	22.90	24.08
0.00	0.00	0.00

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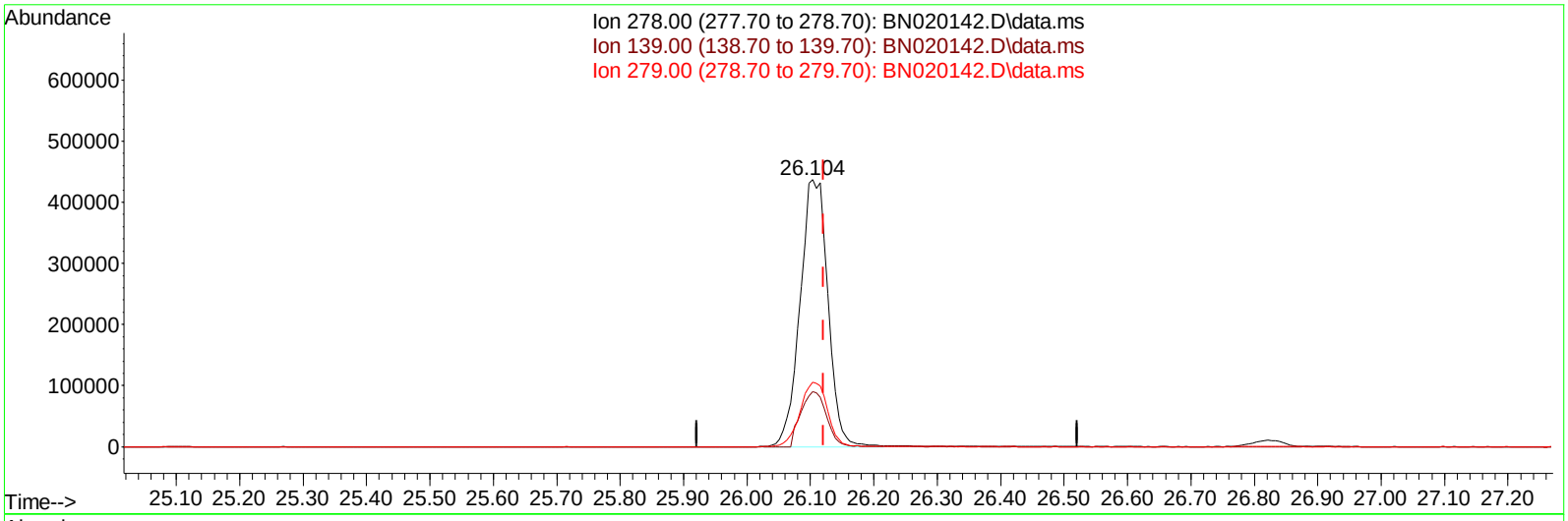

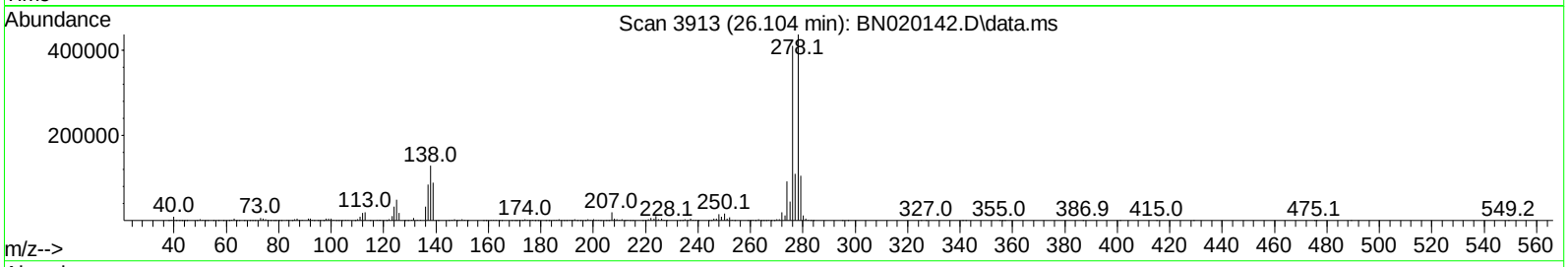

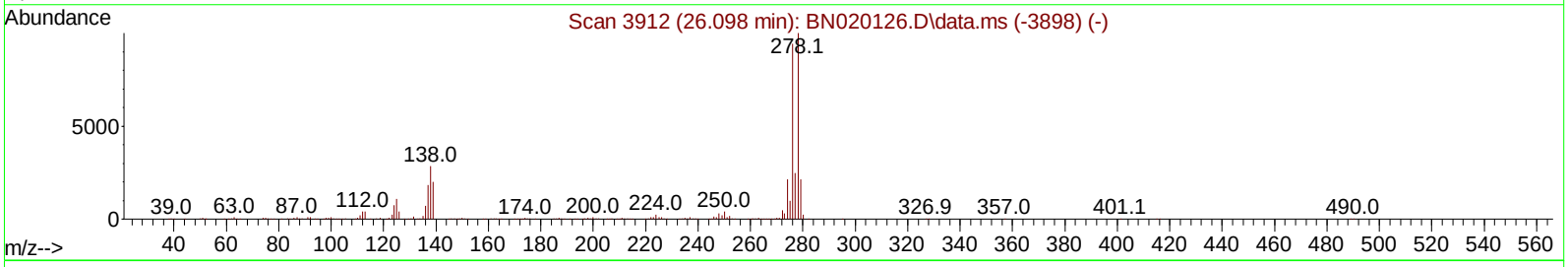

TIC: BN020142.D\data.ms

(95) Dibenzo(a,h)anthracene

26.104min (-0.017) 31.89 ng/ul m

response 1330020

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.30	20.54
279.00	22.90	24.08
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	7.816	152	153745	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	715400	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	462675	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	958837	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	834896	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	781218	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	21719	6.119	ng/uL	0.00
4) Pyridine-d5	3.681	84	303636	31.296	ng/ul	0.00
7) Phenol-d5	6.987	99	429016	33.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	257684	32.419	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	348596	33.724	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	371559	33.758	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	182989	33.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	201323	34.854	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.228	165	346117	34.325	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	507672	31.090	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1132366	33.636	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	1312997	33.631	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.645	143	222944	33.048	ng/ul	0.00
60) Fluorene-d10	15.434	176	916365	32.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	188289	33.901	ng/ul	0.00
73) Anthracene-d10	17.286	188	1386096	33.124	ng/ul	0.00
81) Pyrene-d10	19.580	212	1576901	34.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1323567	34.627	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	44102	11.769	ng/uL	95
5) Pyridine	3.705	79	316481	31.116	ng/ul	94
6) Benzaldehyde	6.952	77	250367	41.767	ng/ul	93
8) Phenol	7.011	94	447498	33.033	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.240	93	340315	32.097	ng/ul	100
12) 2-Chlorophenol	7.381	128	362729	33.571	ng/ul	99
13) 2-Methylphenol	8.258	108	348262	33.440	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	529058	31.820	ng/ul	97
16) Acetophenone	8.634	105	553105	33.044	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.628	70	277497	32.453	ng/ul	94
18) 4-Methylphenol	8.587	108	388249	33.777	ng/ul	98
19) Hexachloroethane	8.893	117	138667	31.895	ng/ul	90
22) Nitrobenzene	9.010	77	410276	32.512	ng/ul	95
23) Isophorone	9.534	82	804380	32.283	ng/ul	98
25) 2-Nitrophenol	9.722	139	217019	34.002	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	416029	31.463	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.022	93	486826	31.928	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	349090	33.468	ng/ul	97
30) Naphthalene	10.657	128	1175653	31.709	ng/ul	100
32) 4-Chloroaniline	10.763	127	495521	30.339	ng/ul	98
33) Hexachlorobutadiene	10.952	225	190638	31.834	ng/ul	99
34) Caprolactam	11.522	113	138006m	33.882	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	427944	34.747	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	12.269	142	804497	32.095	ng/ul	93
37) 1-Methylnaphthalene	12.487	142	830304	32.460	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	376756	31.928	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	207173	28.861	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	278918	34.279	ng/ul	96
42) 2,4,5-Trichlorophenol	12.951	196	307006	34.068	ng/ul	94
43) 1,1'-Biphenyl	13.281	154	1102162	32.171	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	840570	32.341	ng/ul	97
45) 2-Nitroaniline	13.522	65	292554	36.181	ng/ul	96
47) Dimethylphthalate	13.904	163	1105185	32.611	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	238634	36.014	ng/ul	93
50) Acenaphthylene	14.163	152	1403248	32.464	ng/ul	100
51) 3-Nitroaniline	14.345	138	247685	35.358	ng/ul	99
52) Acenaphthene	14.510	153	897628	31.792	ng/ul	98
53) 2,4-Dinitrophenol	14.551	184	122650	28.911	ng/ul	95
55) 4-Nitrophenol	14.657	109	188394	32.717	ng/ul	97
56) Dibenzofuran	14.845	168	1278920	32.152	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	354510	36.134	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	245263	34.672	ng/ul	92
59) Diethylphthalate	15.269	149	1161969	33.302	ng/ul	98
61) Fluorene	15.492	166	994268	32.123	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.487	204	450949	31.636	ng/ul	90
63) 4-Nitroaniline	15.510	138	250874	38.326	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	185859	33.006	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	913091	33.217	ng/ul	98
68) 4-Bromophenyl-phenylether	16.375	248	278080	33.303	ng/ul#	86
69) Hexachlorobenzene	16.498	284	310583	32.358	ng/ul#	85
70) Atrazine	16.651	200	329891	34.396	ng/ul	96
71) Pentachlorophenol	16.839	266	191915	32.102	ng/ul	97
72) Phenanthrene	17.228	178	1666496	32.934	ng/ul	100
74) Anthracene	17.322	178	1655816	32.543	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.246	216	403837	31.452	ng/uL	99
76) Pentachlorobenzene	14.769	250	373029	32.872	ng/uL	97
77) Carbazole	17.586	167	1581850	34.174	ng/ul	95
78) Di-n-butylphthalate	18.157	149	1993095	34.724	ng/ul	99
80) Fluoranthene	19.245	202	1901472	34.784	ng/ul	98
82) Pyrene	19.610	202	1928585	34.388	ng/ul	96
83) Butylbenzylphthalate	20.510	149	936694	37.112	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.292	252	556730	34.913	ng/ul#	96
85) Benzo(a)anthracene	21.357	228	1785227	33.862	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.298	149	1309974	36.785	ng/ul	97
87) Chrysene	21.410	228	1705191	33.060	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2374084	37.338	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	1776554	36.234	ng/ul#	98
91) Benzo(k)fluoranthene	23.045	252	1583762	33.932	ng/ul	98
93) Benzo(a)pyrene	23.604	252	1611898	33.963	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.092	276	1582234	32.403	ng/ul	93
95) Dibenzo(a,h)anthracene	26.104	278	1330020m	31.889	ng/ul	
96) Benzo(g,h,i)perylene	26.821	276	1309329	31.752	ng/ul#	93

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

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