Quantitation Report (Qedit)

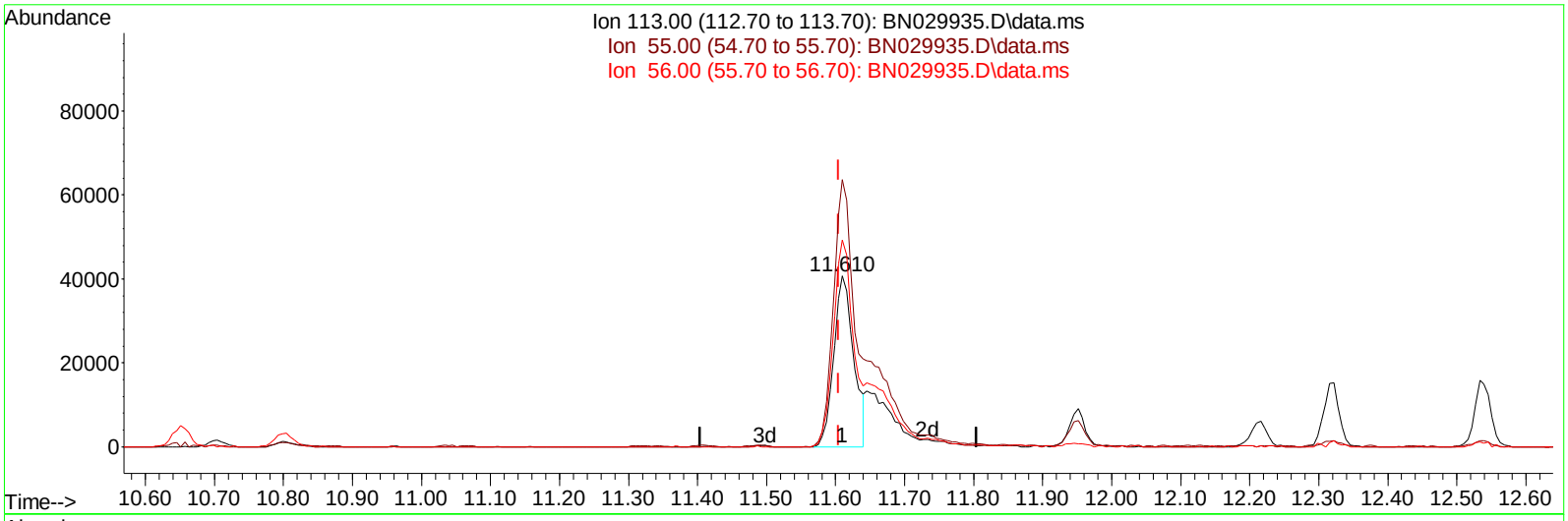
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
Data File : BN029935.D
Acq On : 22 Feb 2024 19:51
Operator : MA/JU
Sample : PB159102BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

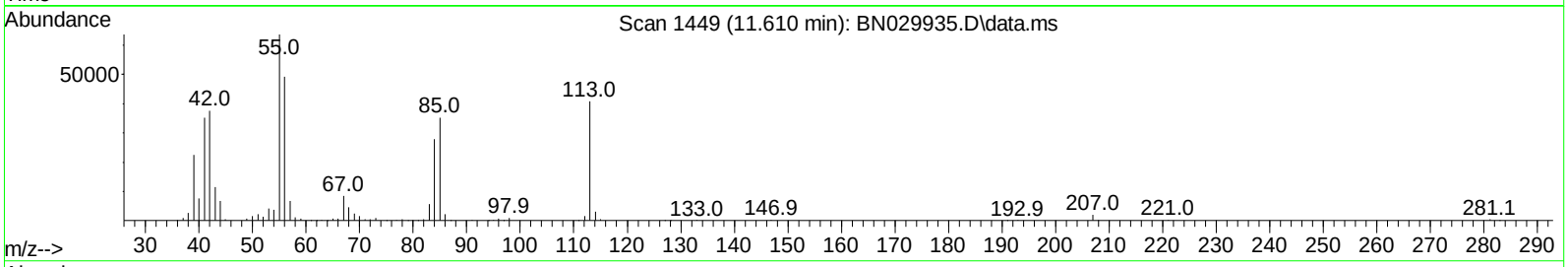
Quant Time: Feb 22 22:42:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 21 22:34:54 2024
Response via : Initial Calibration

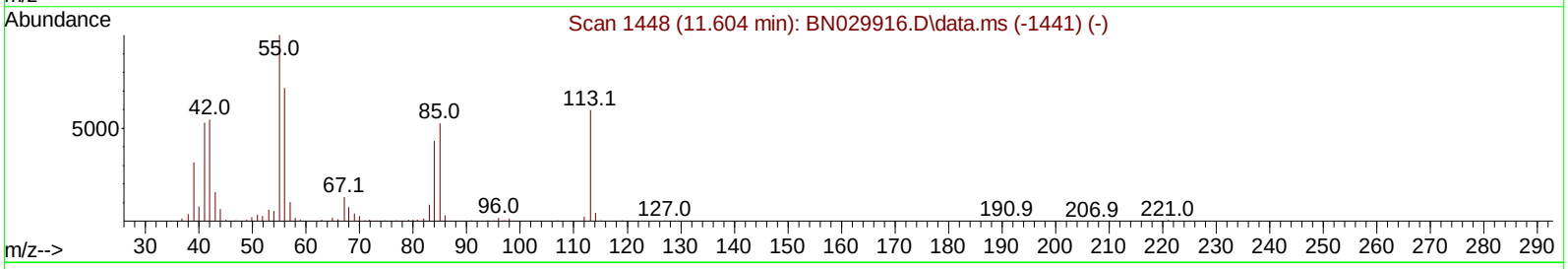
Instrument :
BNA_N
ClientSampleId :
SLCS102

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/24/2024







TIC: BN029935.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 26.07 ng/ul

response 82056

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	156.04
56.00	129.20	120.88
0.00	0.00	0.00

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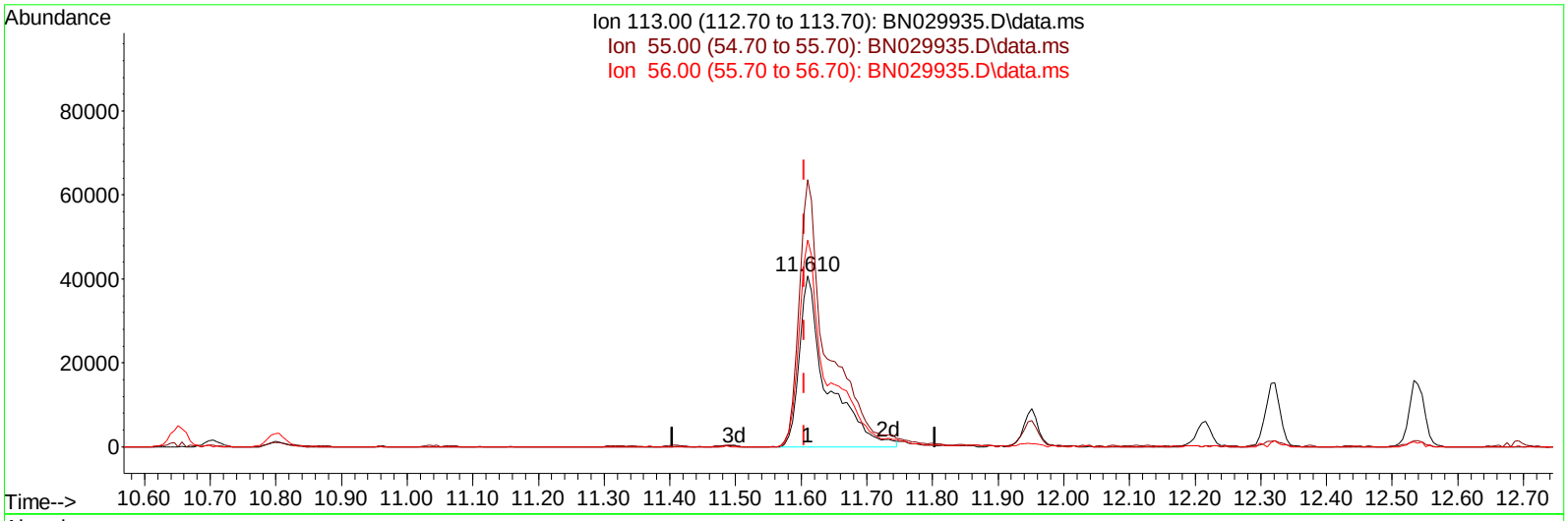

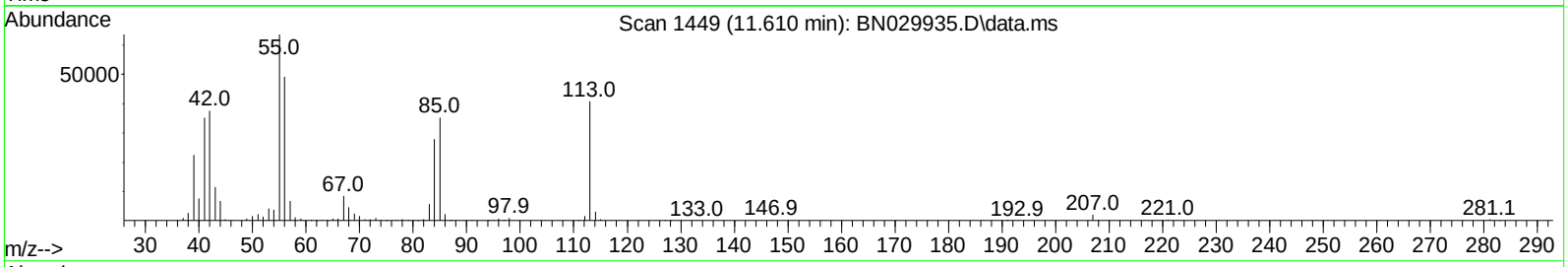

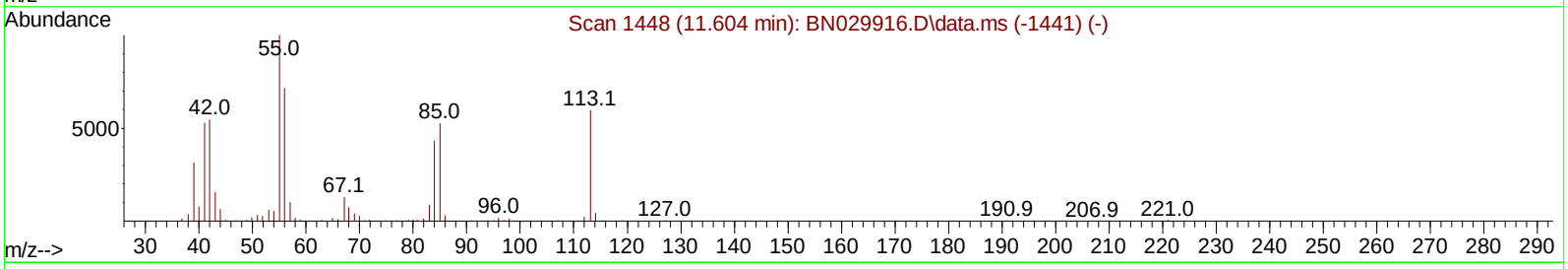

TIC: BN029935.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 38.11 ng/ul m

response 119942

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	156.04
56.00	129.20	120.88
0.00	0.00	0.00

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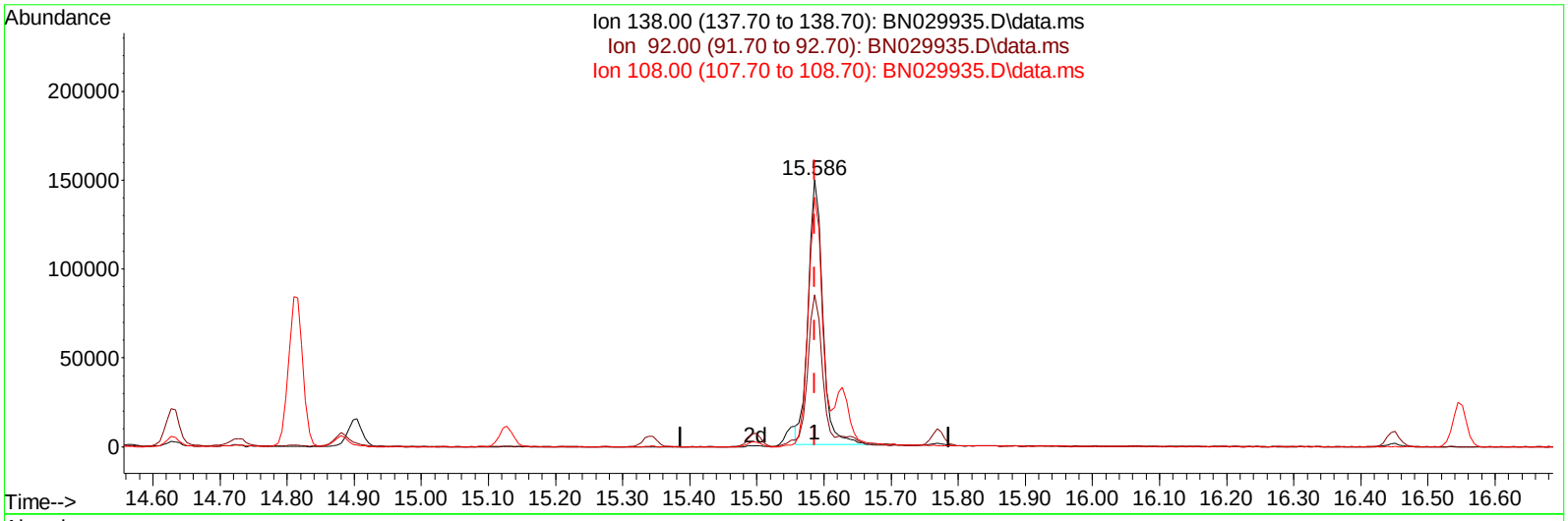

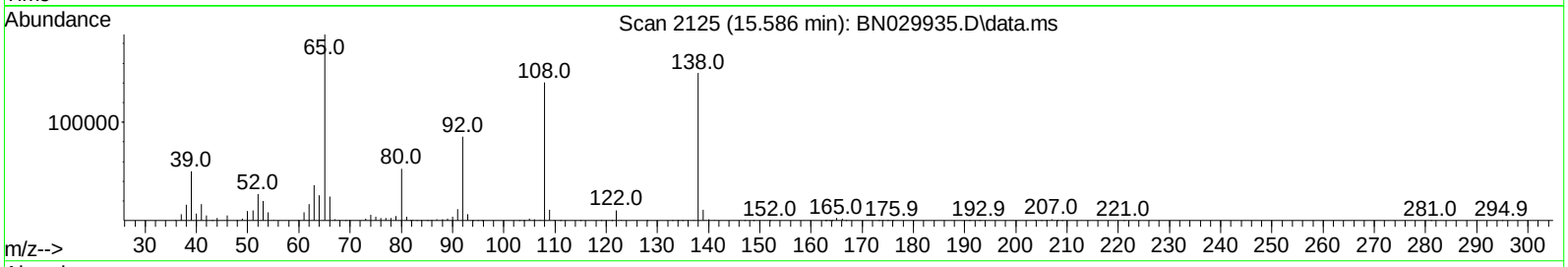

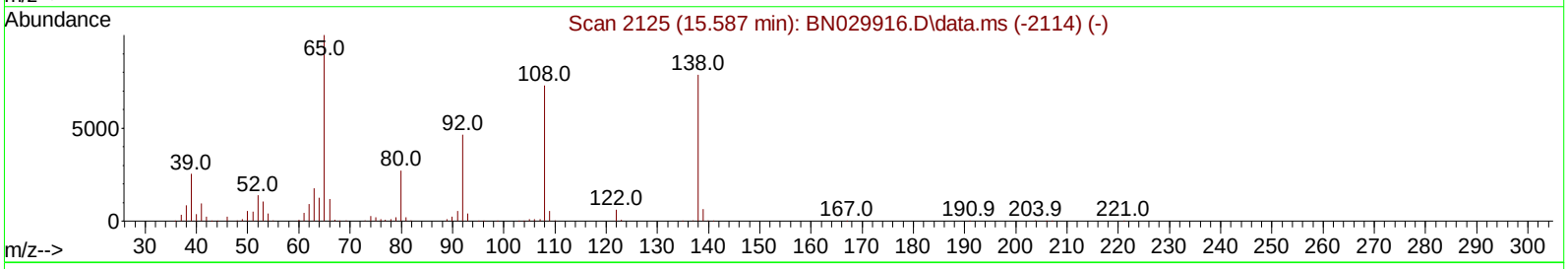

TIC: BN029935.D\data.ms

(63) 4-Nitroaniline

15.586min (-0.000) 41.80 ng/ul

response 223484

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.30	56.99
108.00	88.60	93.48
0.00	0.00	0.00

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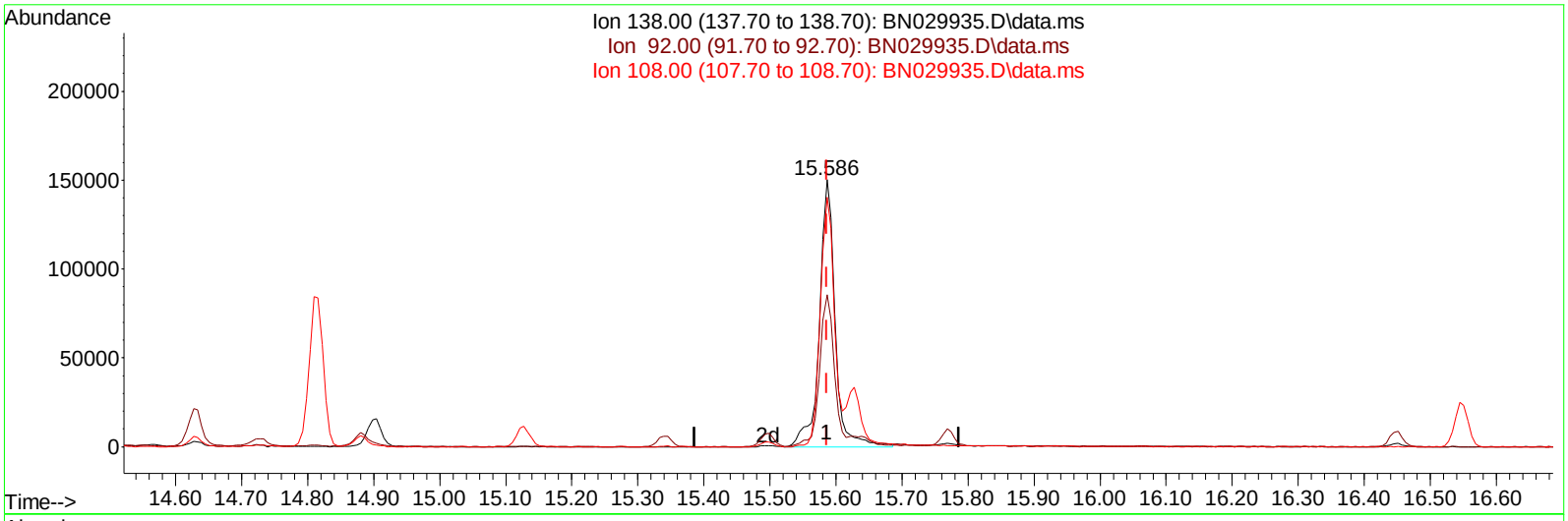

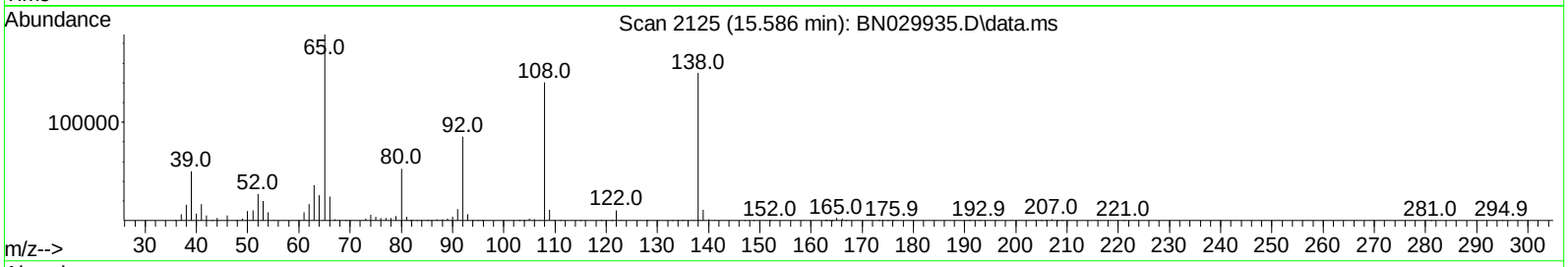

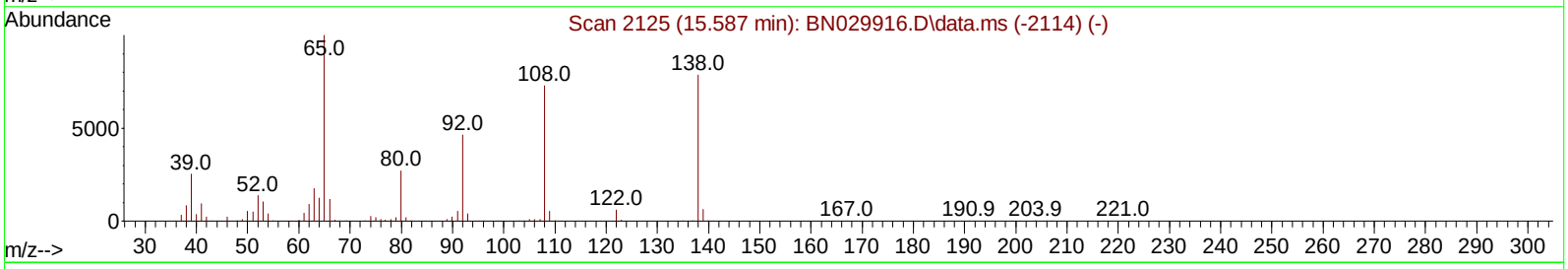

TIC: BN029935.D\data.ms

(63) 4-Nitroaniline

15.586min (-0.000) 46.15 ng/ul m

response 246706

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.30	56.99
108.00	88.60	93.48
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	161547	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	686112	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	373203	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	773064	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	694488	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	745630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	32659	6.649	ng/uL	0.00
4) Pyridine-d5	3.722	84	461253	35.215	ng/ul	0.00
7) Phenol-d5	7.028	99	541321	35.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	348952	34.603	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	417141	38.096	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	403317	35.790	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	200105	37.578	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	199481	43.012	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	365636	39.942	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	504157	32.282	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1025477	36.907	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1235517	37.443	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	194736	36.926	ng/ul	0.00
60) Fluorene-d10	15.498	176	870697	36.836	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	148464	39.414	ng/ul	0.00
73) Anthracene-d10	17.357	188	1332517	36.779	ng/ul	0.00
81) Pyrene-d10	19.651	212	1554213	37.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1491484	39.975	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	69626	13.687	ng/uL	95
5) Pyridine	3.740	79	469690	34.662	ng/ul	99
6) Benzaldehyde	7.004	77	287268	42.412	ng/ul	97
8) Phenol	7.051	94	562307	36.310	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	459540	35.289	ng/ul	98
12) 2-Chlorophenol	7.416	128	448536	39.043	ng/ul	99
13) 2-Methylphenol	8.304	108	403981	36.150	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	610275	35.883	ng/ul	98
16) Acetophenone	8.687	105	677752	37.789	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.681	70	356119	38.459	ng/ul	95
18) 4-Methylphenol	8.634	108	429334	36.357	ng/ul	98
19) Hexachloroethane	8.922	117	196758	36.907	ng/ul	99
22) Nitrobenzene	9.069	77	556761	36.900	ng/ul	99
23) Isophorone	9.592	82	967142	36.800	ng/ul	100
25) 2-Nitrophenol	9.775	139	226263	42.723	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	348966	27.494	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	589840	35.315	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	369323	39.044	ng/ul	97
30) Naphthalene	10.704	128	1404319	35.809	ng/ul	99
32) 4-Chloroaniline	10.828	127	422137	27.382	ng/ul	98
33) Hexachlorobutadiene	10.975	225	225063	38.553	ng/ul	97
34) Caprolactam	11.610	113	119942m	38.106	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	435240	39.836	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	905667	37.673	ng/ul	99
37) 1-Methylnaphthalene	12.539	142	891872	37.421	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.686	216	417732	37.762	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	201056	27.805	ng/ul	97
41) 2,4,6-Trichlorophenol	12.933	196	260309	40.825	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	283016	39.503	ng/ul	96
43) 1,1'-Biphenyl	13.339	154	1127711	35.830	ng/ul	97
44) 2-Chloronaphthalene	13.375	162	869001	35.525	ng/ul	98
45) 2-Nitroaniline	13.592	65	297531	41.372	ng/ul	95
47) Dimethylphthalate	13.975	163	1077917	37.898	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	214005	42.049	ng/ul	99
50) Acenaphthylene	14.222	152	1462357	36.927	ng/ul	100
51) 3-Nitroaniline	14.422	138	229976	38.825	ng/ul	99
52) Acenaphthene	14.563	153	952844	36.424	ng/ul	95
53) 2,4-Dinitrophenol	14.627	184	96806	37.480	ng/ul	99
55) 4-Nitrophenol	14.727	109	185431	38.454	ng/ul	99
56) Dibenzofuran	14.904	168	1263249	36.569	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	316107	44.115	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.127	232	215231	42.329	ng/ul	98
59) Diethylphthalate	15.339	149	1139187	38.992	ng/ul	99
61) Fluorene	15.551	166	1059085	38.787	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.557	204	477440	39.094	ng/ul	96
63) 4-Nitroaniline	15.586	138	246706m	46.146	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	165954	39.962	ng/ul	99
67) N-Nitrosodiphenylamine	15.769	169	874960	36.320	ng/ul	97
68) 4-Bromophenyl-phenylether	16.451	248	291809	39.880	ng/ul	89
69) Hexachlorobenzene	16.551	284	331852	40.237	ng/ul	94
70) Atrazine	16.733	200	187372	24.895	ng/ul	97
71) Pentachlorophenol	16.898	266	186713	38.983	ng/ul	95
72) Phenanthrene	17.298	178	1642966	36.740	ng/ul	100
74) Anthracene	17.386	178	1660865	37.007	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.292	216	411250	36.252	ng/uL	99
76) Pentachlorobenzene	14.816	250	378398	37.252	ng/uL	98
77) Carbazole	17.669	167	1504740	36.709	ng/ul	97
78) Di-n-butylphthalate	18.239	149	2016666	40.912	ng/ul	99
80) Fluoranthene	19.321	202	1893637	37.404	ng/ul	97
82) Pyrene	19.686	202	1949109	36.392	ng/ul	95
83) Butylbenzylphthalate	20.604	149	917402	42.030	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.386	252	491891	36.567	ng/ul	97
85) Benzo(a)anthracene	21.445	228	1907438	37.388	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	1425356	42.216	ng/ul	99
87) Chrysene	21.498	228	1797839	37.603	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	2414385	41.773	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1822021	38.795	ng/ul	99
91) Benzo(k)fluoranthene	23.156	252	1864604	38.789	ng/ul	94
93) Benzo(a)pyrene	23.721	252	1757883	39.030	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.262	276	2007371	36.601	ng/ul	98
95) Dibenzo(a,h)anthracene	26.292	278	1658186	37.033	ng/ul	92
96) Benzo(g,h,i)perylene	27.015	276	1619814	35.312	ng/ul	95

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

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