Quantitation Report (Qedit)

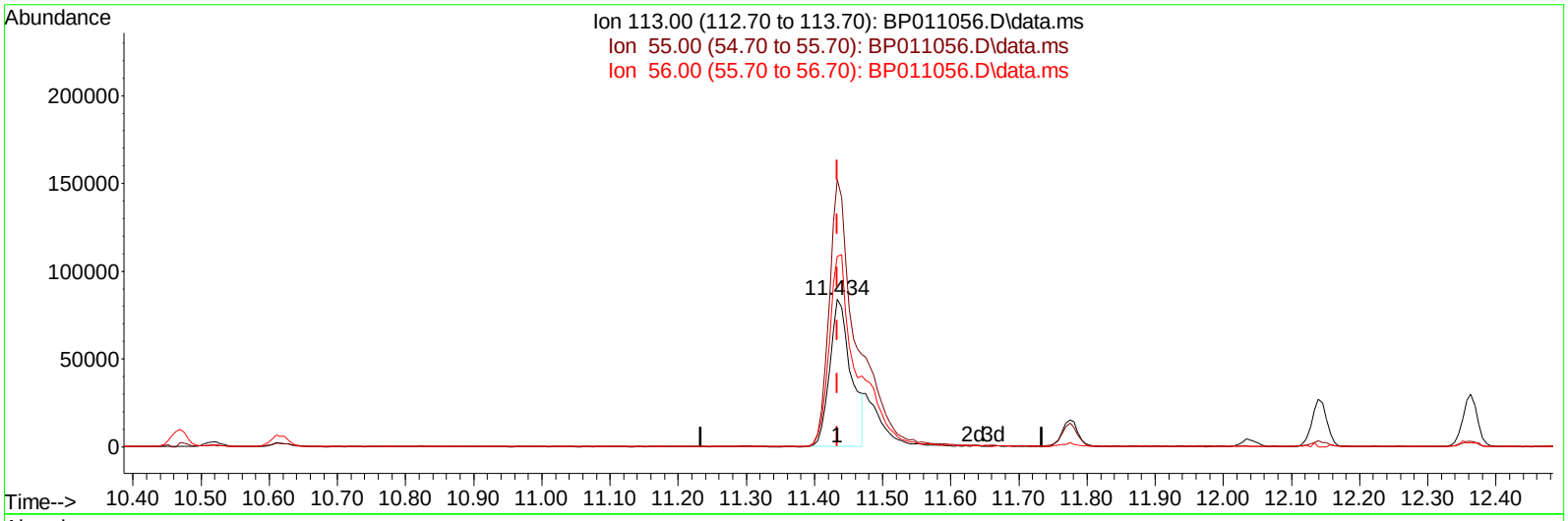
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072022\
Data File : BP011056.D
Acq On : 20 Jul 2022 15:04
Operator : CG/JU
Sample : PB146316BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

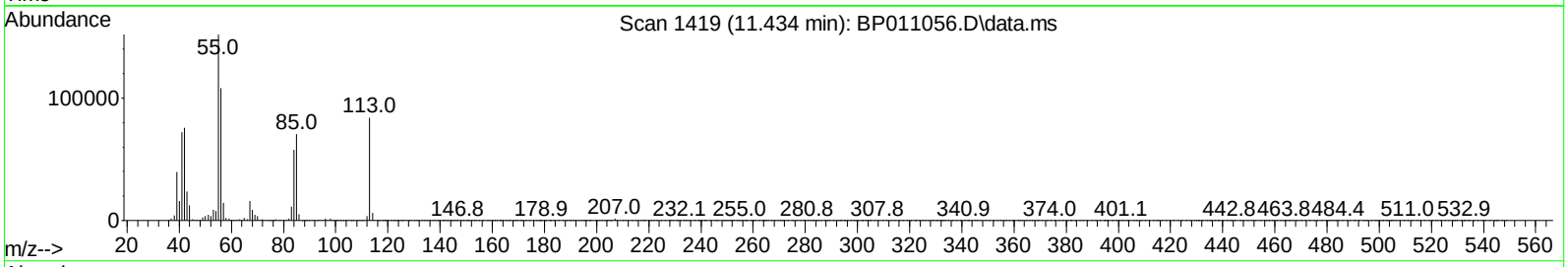
Quant Time: Jul 21 00:43:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 03:25:54 2022
Response via : Initial Calibration

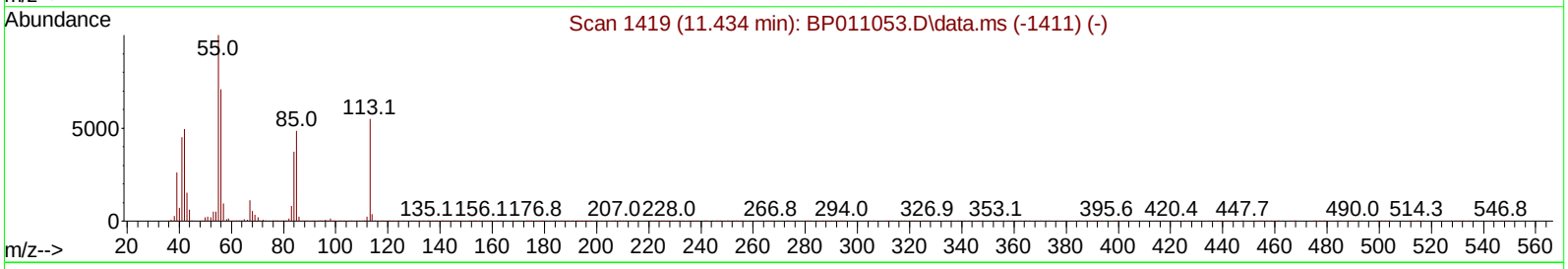
Instrument :
BNA_P
ClientSampleId :
SLCS316

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/21/2022
Supervised By :mohammad ahmed 07/21/2022







TIC: BP011056.D\data.ms

(34) Caprolactam

11.434min (-0.000) 30.05 ng/ul

response 182464

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	180.94
56.00	137.80	129.06
0.00	0.00	0.00

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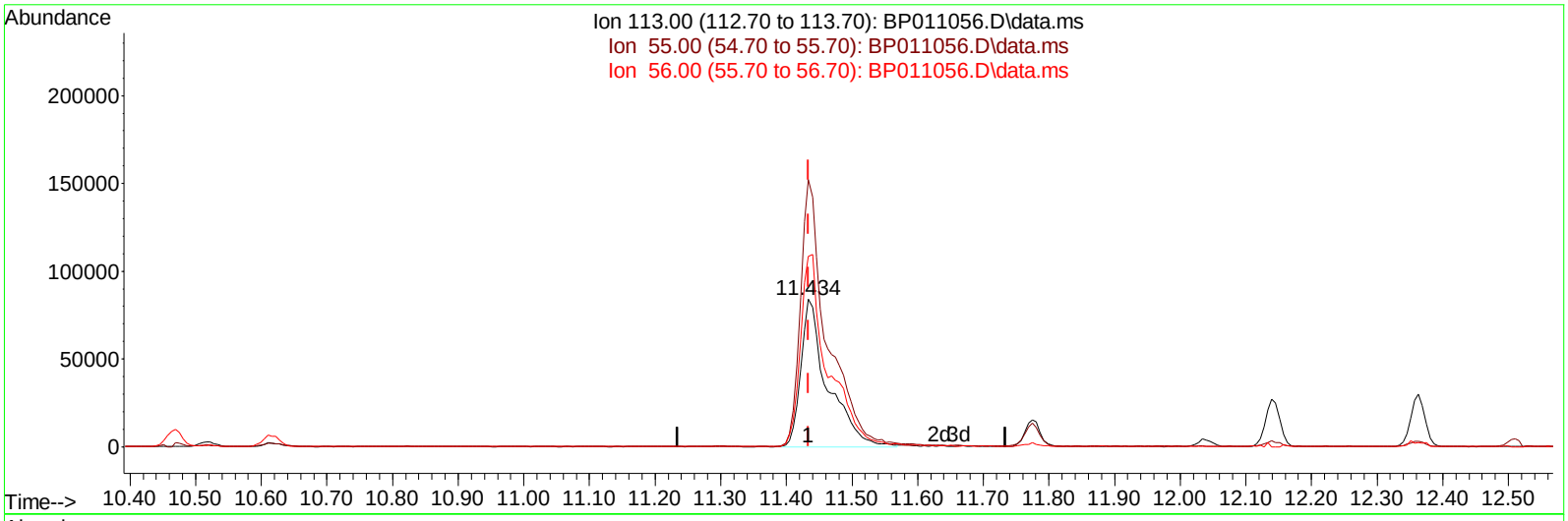

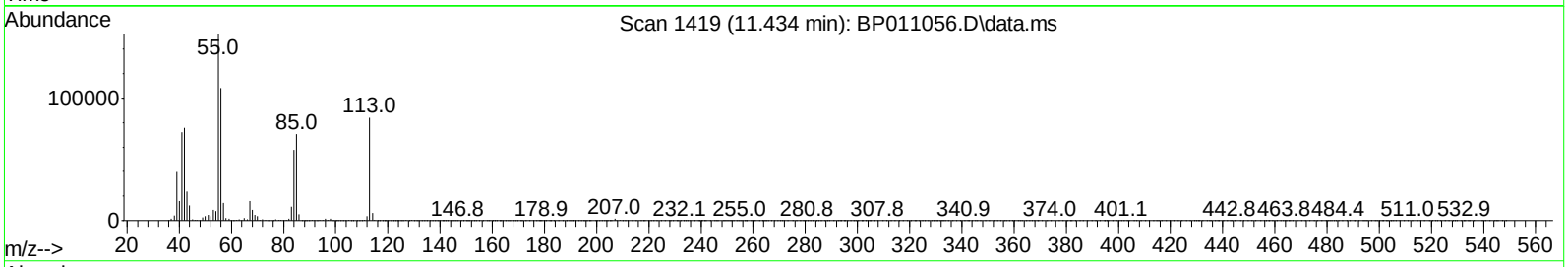

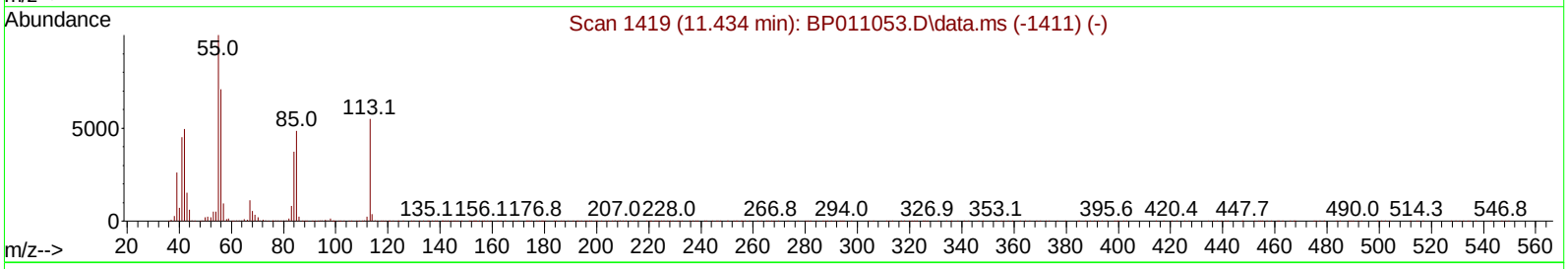

TIC: BP011056.D\data.ms

(34) Caprolactam

11.434min (-0.000) 39.07 ng/ul m

response 237264

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	180.94
56.00	137.80	129.06
0.00	0.00	0.00

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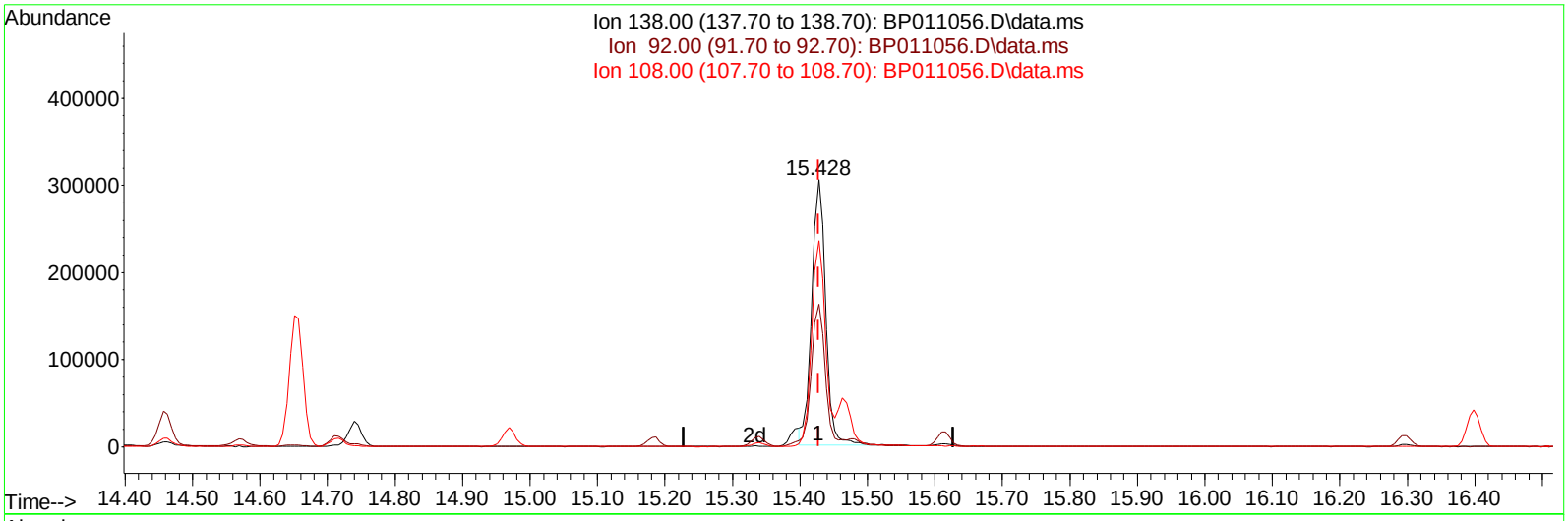

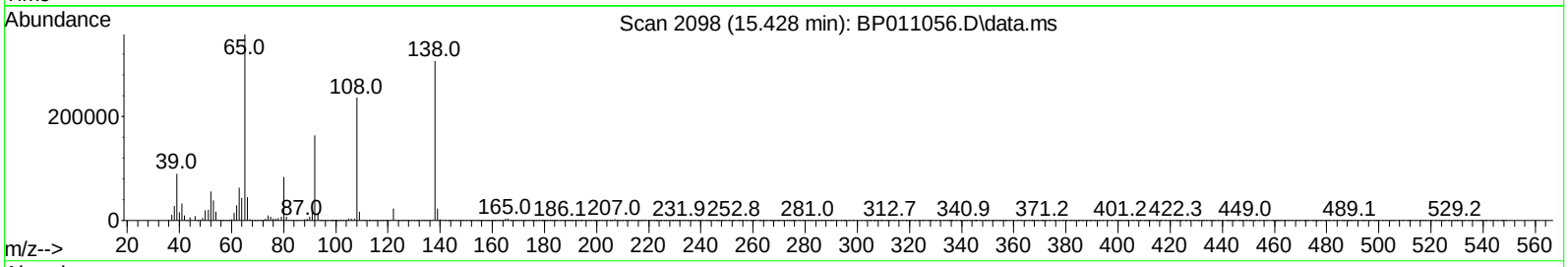

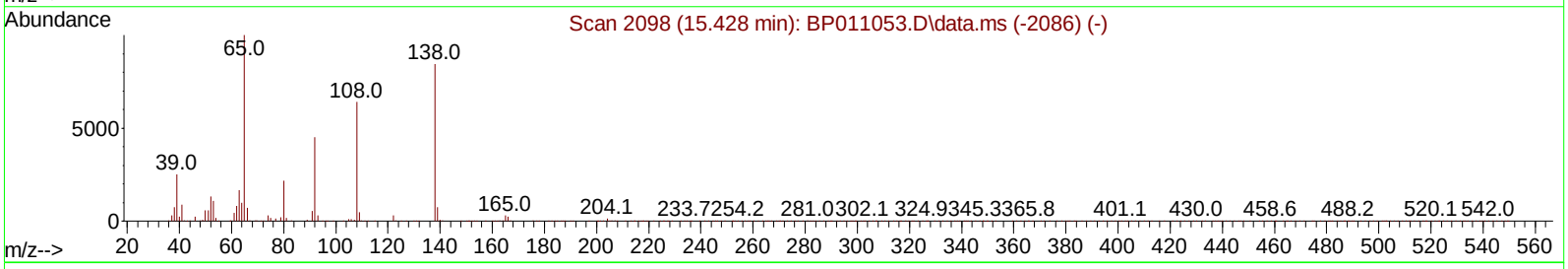

TIC: BP011056.D\data.ms

(63) 4-Nitroaniline

15.428min (-0.000) 46.47 ng/ul

response 439838

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	53.37
108.00	107.30	77.21#
0.00	0.00	0.00

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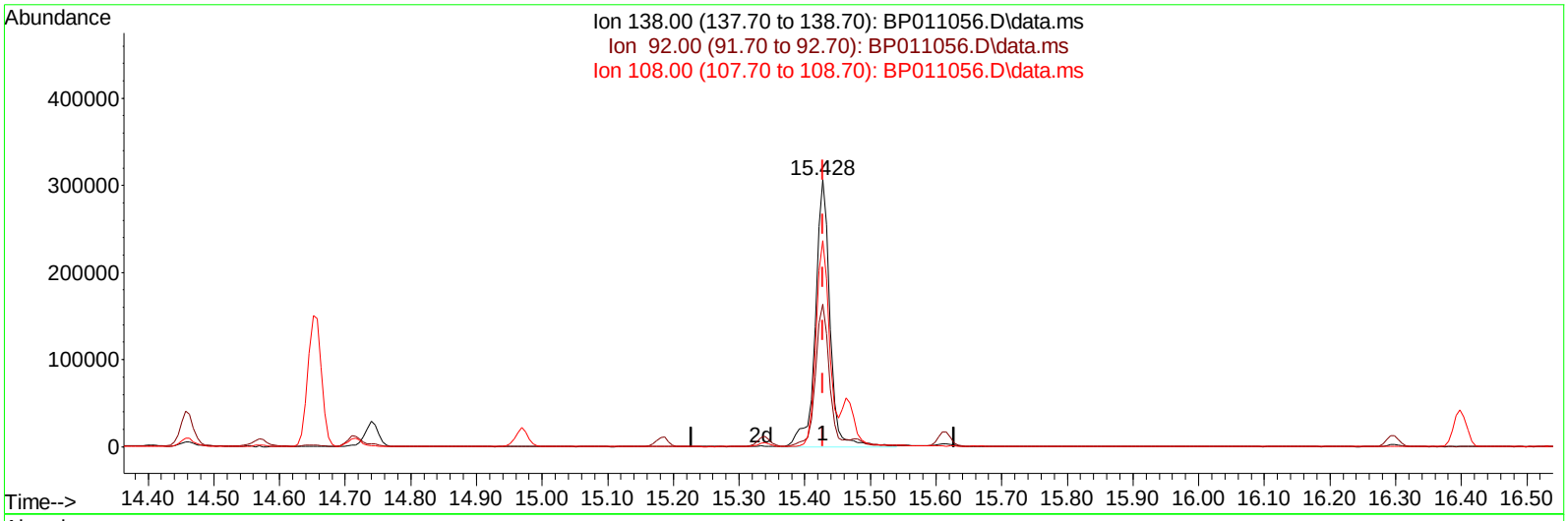

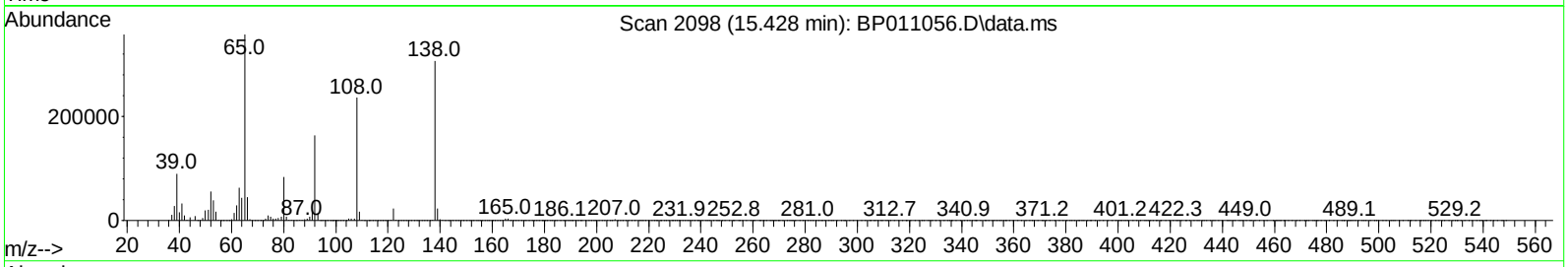

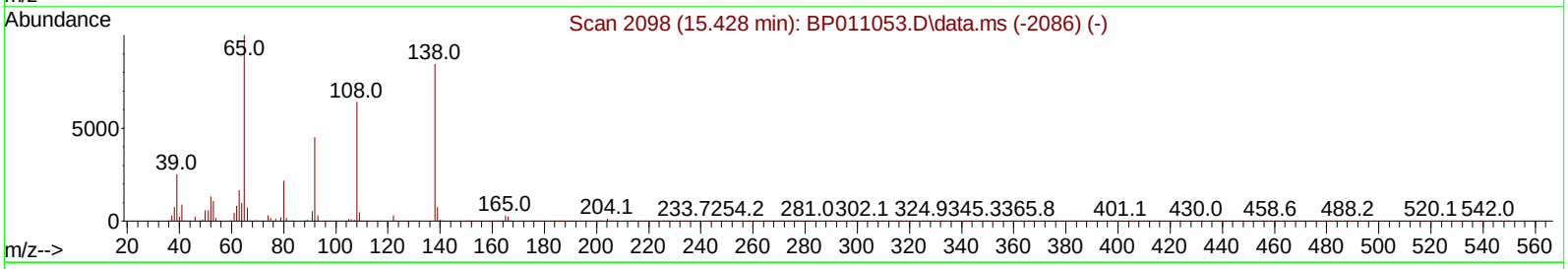

TIC: BP011056.D\data.ms

(63) 4-Nitroaniline

15.428min (-0.000) 50.72 ng/ul m

response 480021

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	53.37
108.00	107.30	77.21#
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	7.675	152	316673	20.000	ng/ul		0.00
20) Naphthalene-d8	10.469	136	1269341	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.339	164	686478	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.104	188	1371171	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.233	240	1336734	20.000	ng/ul	#	0.00
88) Perylene-d12	23.586	264	1372129	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.175	96	67233	7.654	ng/uL		0.00
4) Pyridine-d5	3.587	84	863961	38.053	ng/ul		0.00
7) Phenol-d5	6.852	99	983917	37.851	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	644306	38.546	ng/ul		0.00
11) 2-Chlorophenol-d4	7.210	132	817211	38.907	ng/ul		0.00
15) 4-Methylphenol-d8	8.393	113	767226	36.868	ng/ul		0.00
21) Nitrobenzene-d5	8.840	128	375811	40.627	ng/ul		0.00
24) 2-Nitrophenol-d4	9.557	143	366843	40.078	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.093	165	671772	40.131	ng/ul		0.00
31) 4-Chloroaniline-d4	10.616	131	992009	35.948	ng/ul		0.00
46) Dimethylphthalate-d6	13.757	166	1908483	40.677	ng/ul		0.00
49) Acenaphthylene-d8	14.028	160	2381207	43.015	ng/ul		0.00
54) 4-Nitrophenol-d4	14.557	143	368224	38.778	ng/ul		0.00
60) Fluorene-d10	15.339	176	1608002	40.320	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	259983	38.318	ng/ul		0.00
73) Anthracene-d10	17.210	188	2391143	41.020	ng/ul		0.00
81) Pyrene-d10	19.463	212	2773990	39.513	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.433	264	2814497	42.707	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	150787	16.361	ng/uL#		86
5) Pyridine	3.605	79	922729	39.436	ng/ul#		76
6) Benzaldehyde	6.822	77	686438	54.366	ng/ul		99
8) Phenol	6.881	94	1091164	39.490	ng/ul#		86
10) Bis(2-Chloroethyl)ether	7.110	93	901062	41.089	ng/ul		91
12) 2-Chlorophenol	7.240	128	903994	41.636	ng/ul		93
13) 2-Methylphenol	8.128	108	800179	39.160	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1287420	42.923	ng/ul#		97
16) Acetophenone	8.504	105	1265369	40.167	ng/ul#		90
17) N-Nitroso-di-n-propyla...	8.493	70	637051	40.303	ng/ul		92
18) 4-Methylphenol	8.457	108	860414	39.438	ng/ul		99
19) Hexachloroethane	8.746	117	380106	44.239	ng/ul#		77
22) Nitrobenzene	8.881	77	969586	44.571	ng/ul		91
23) Isophorone	9.410	82	1746527	42.898	ng/ul		99
25) 2-Nitrophenol	9.587	139	438558	42.685	ng/ul#		84
26) 2,4-Dimethylphenol	9.657	107	892887	41.095	ng/ul		97
27) Bis(2-Chloroethoxy)met...	9.899	93	1135028	42.126	ng/ul		98
29) 2,4-Dichlorophenol	10.122	162	709401	40.945	ng/ul		98
30) Naphthalene	10.516	128	2720442	42.057	ng/ul		100
32) 4-Chloroaniline	10.640	127	1040912	38.134	ng/ul		99
33) Hexachlorobutadiene	10.804	225	429752	42.612	ng/ul		96
34) Caprolactam	11.434	113	237264m	39.075	ng/ul		
35) 4-Chloro-3-methylphenol	11.775	107	804548	41.089	ng/ul		95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1708969	40.754 ng/ul	98
37) 1-Methylnaphthalene	12.363	142	1725618	41.054 ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	766142	42.315 ng/ul#	98
40) Hexachlorocyclopentadiene	12.487	237	484685	43.222 ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	502519	42.146 ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	553246	43.417 ng/ul	100
43) 1,1'-Biphenyl	13.169	154	2178784	42.537 ng/ul#	98
44) 2-Chloronaphthalene	13.204	162	1666392	43.313 ng/ul	98
45) 2-Nitroaniline	13.422	65	508935	45.404 ng/ul#	84
47) Dimethylphthalate	13.804	163	2056203	43.432 ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	410080	47.844 ng/ul	94
50) Acenaphthylene	14.057	152	2631163	42.359 ng/ul	99
51) 3-Nitroaniline	14.257	138	447654	43.471 ng/ul	89
52) Acenaphthene	14.404	153	1806090	43.890 ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	186221	37.136 ng/ul	92
55) 4-Nitrophenol	14.569	109	302411	41.597 ng/ul#	74
56) Dibenzofuran	14.739	168	2409910	42.442 ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	584550	47.813 ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.969	232	440039	44.096 ng/ul#	87
59) Diethylphthalate	15.186	149	2132232	43.856 ng/ul	98
61) Fluorene	15.392	166	1974727	43.336 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	891604	42.502 ng/ul	94
63) 4-Nitroaniline	15.428	138	480021m	50.721 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	286739	41.195 ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	1666398	42.544 ng/ul	97
68) 4-Bromophenyl-phenylether	16.298	248	547704	44.289 ng/ul	95
69) Hexachlorobenzene	16.398	284	613600	42.751 ng/ul#	90
70) Atrazine	16.586	200	556745	41.089 ng/ul	97
71) Pentachlorophenol	16.751	266	353767	40.022 ng/ul	98
72) Phenanthrene	17.151	178	3114357	43.596 ng/ul	98
74) Anthracene	17.245	178	3090464	43.491 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	792078	40.352 ng/uL	97
76) Pentachlorobenzene	14.657	250	729263	42.382 ng/uL	99
77) Carbazole	17.522	167	2937189	44.163 ng/ul	99
78) Di-n-butylphthalate	18.092	149	3764713	45.284 ng/ul	99
80) Fluoranthene	19.139	202	3569946	43.477 ng/ul#	87
82) Pyrene	19.492	202	3658544	43.186 ng/ul#	81
83) Butylbenzylphthalate	20.386	149	1759187	46.548 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.157	252	1187115	50.154 ng/ul#	97
85) Benzo(a)anthracene	21.216	228	3595878	44.171 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.157	149	2639497	46.809 ng/ul#	96
87) Chrysene	21.268	228	3392060	42.435 ng/ul	99
89) Di-n-octyl phthalate	22.068	149	4549867	49.443 ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	3758452	44.362 ng/ul#	95
91) Benzo(k)fluoranthene	22.915	252	3703697	46.540 ng/ul#	94
93) Benzo(a)pyrene	23.486	252	3323279	40.844 ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.027	276	4415026	46.692 ng/ul#	88
95) Dibenzo(a,h)anthracene	26.051	278	3667944	44.829 ng/ul#	92
96) Benzo(g,h,i)perylene	26.780	276	3605876	44.775 ng/ul#	87

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

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