Quantitation Report (Qedit)

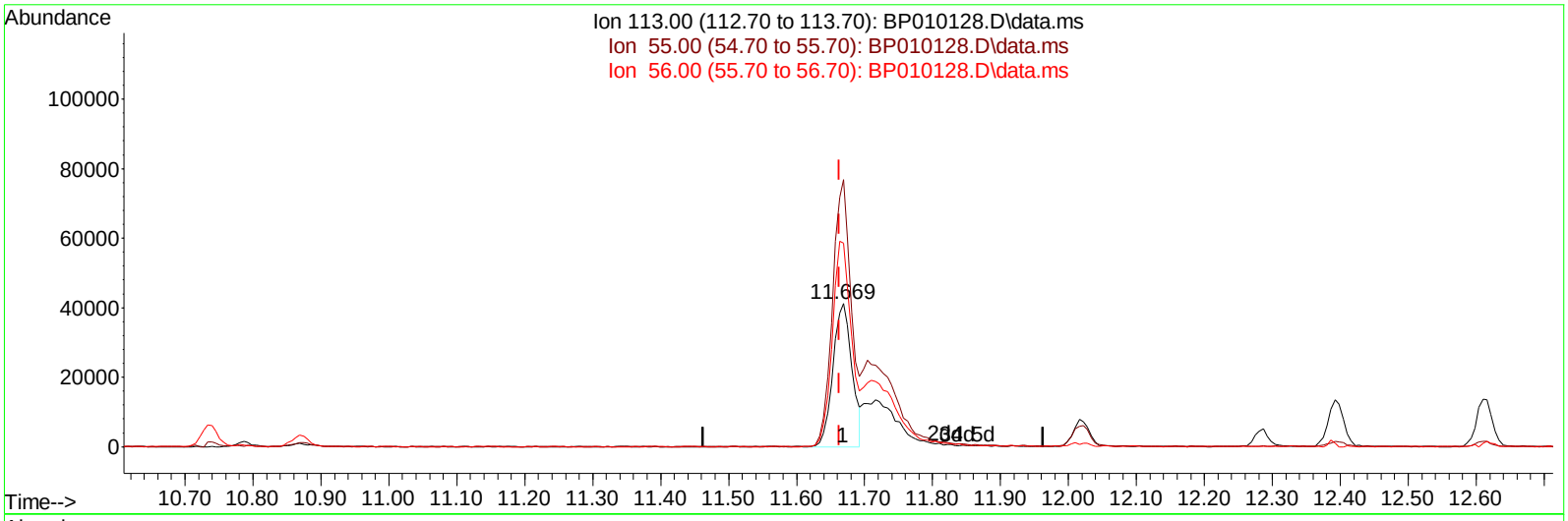
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042722\
Data File : BP010128.D
Acq On : 27 Apr 2022 20:15
Operator : CG/JU
Sample : PB144421BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

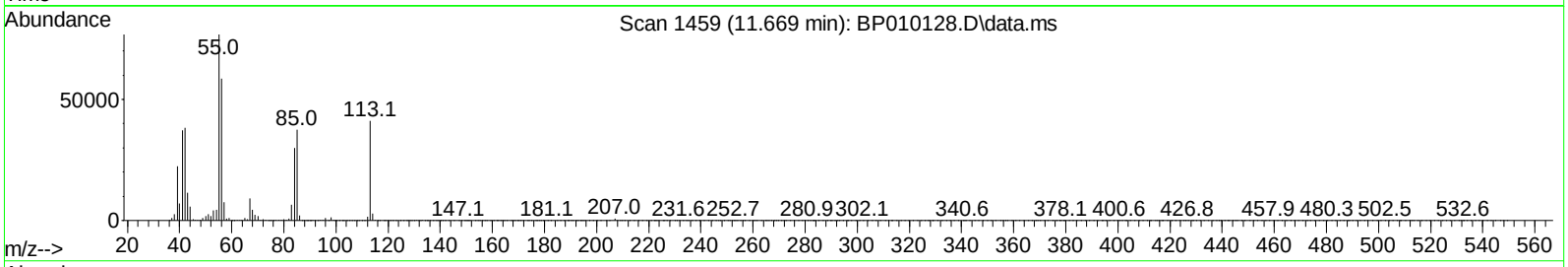
Quant Time: Apr 28 03:26:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

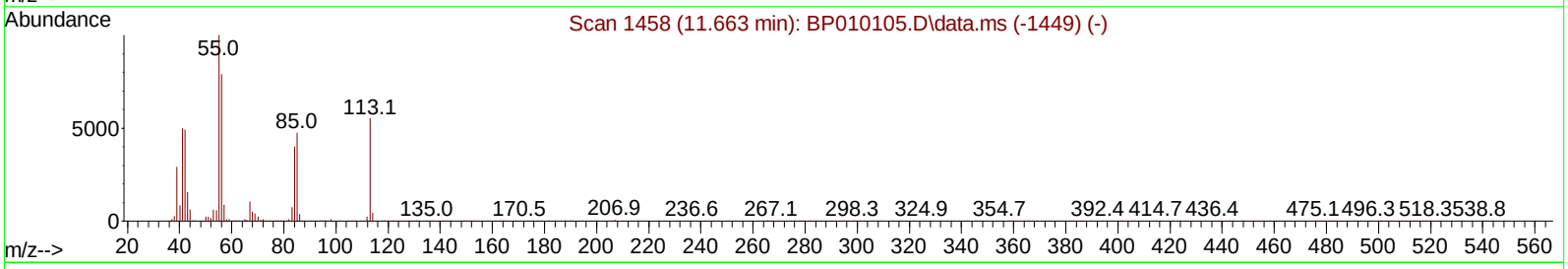
Instrument :
BNA_P
ClientSampleId :
SLCS421

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022







TIC: BP010128.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 18.05 ng/ul

response 80518

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	186.35#
56.00	85.80	142.09#
0.00	0.00	0.00

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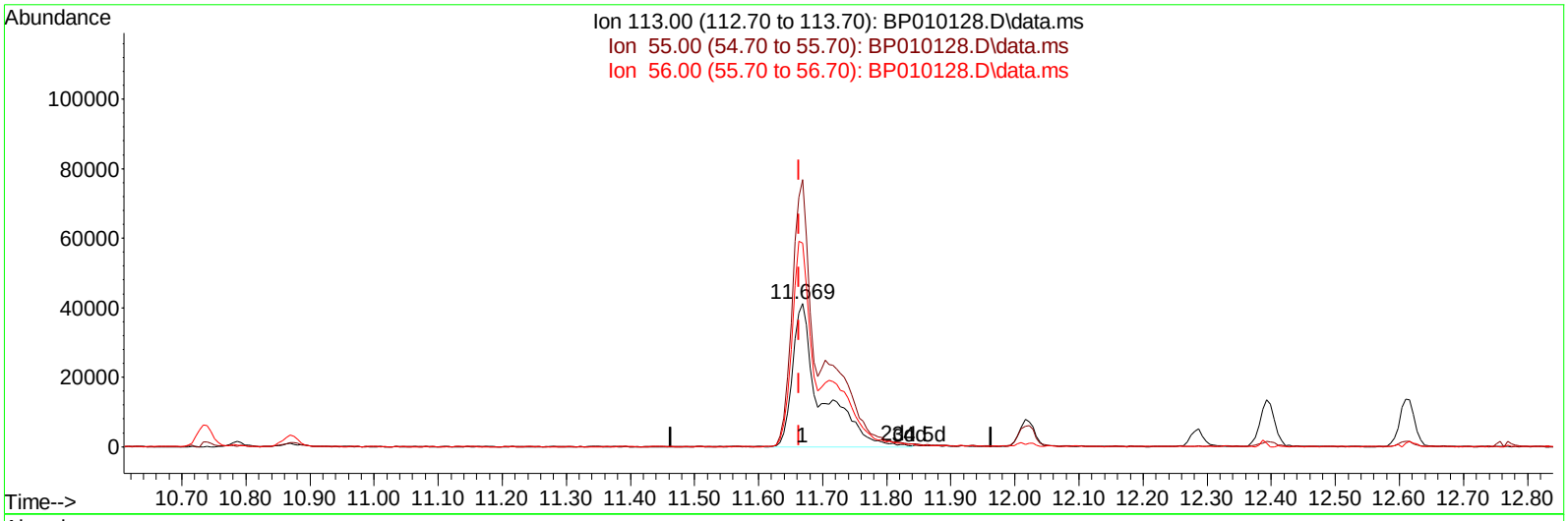

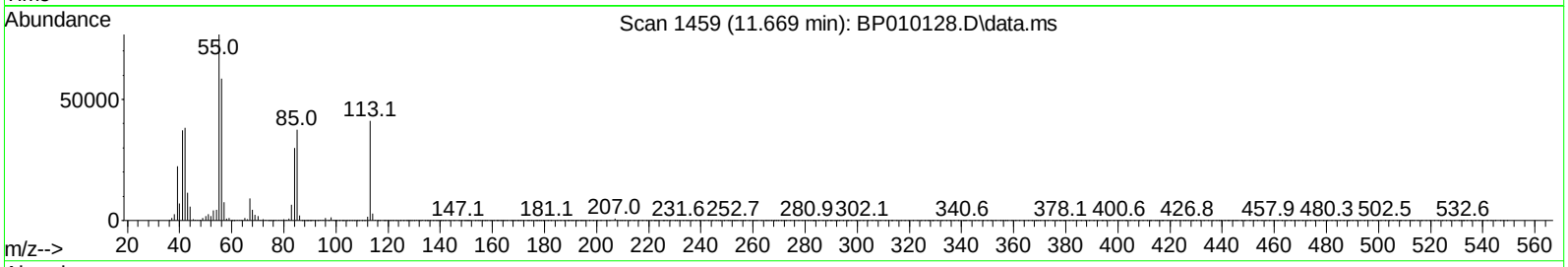

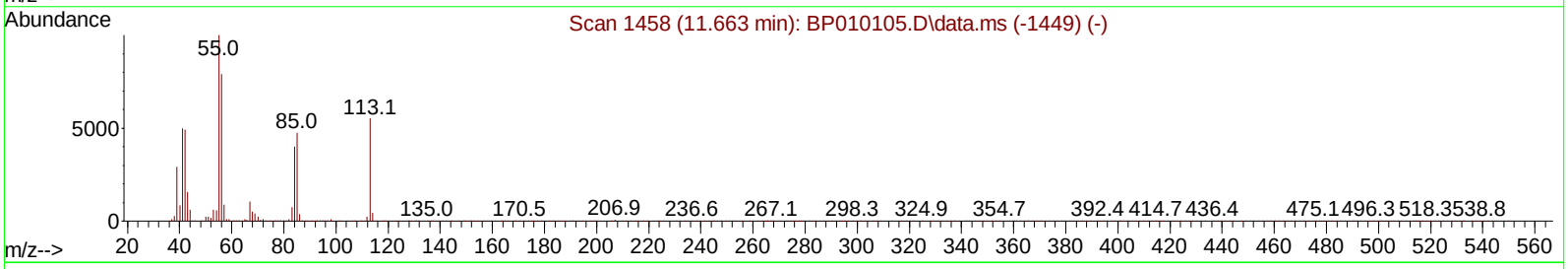

TIC: BP010128.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 28.69 ng/ul m

response 127993

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	186.35#
56.00	85.80	142.09#
0.00	0.00	0.00

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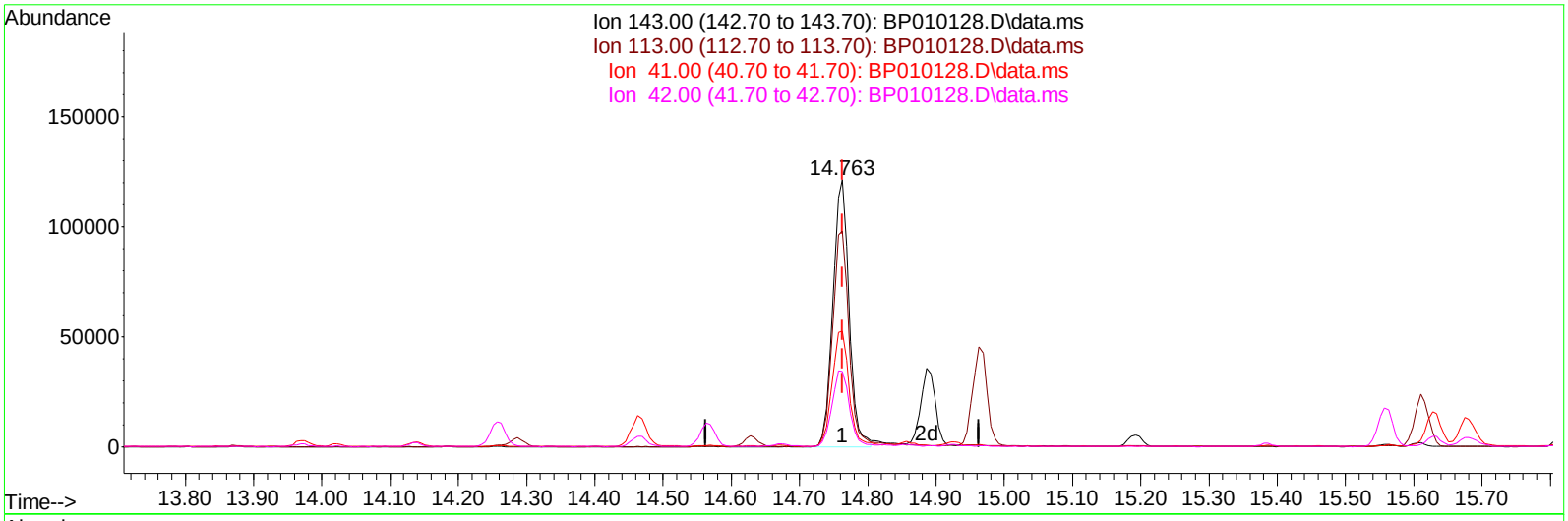

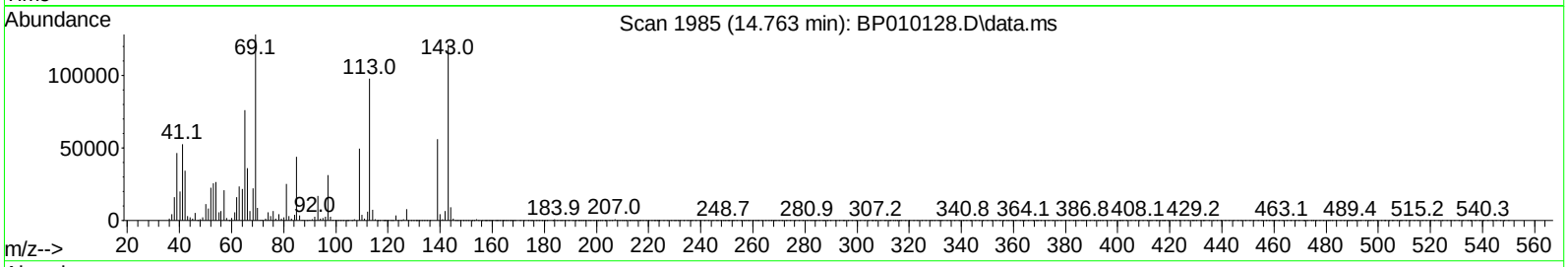

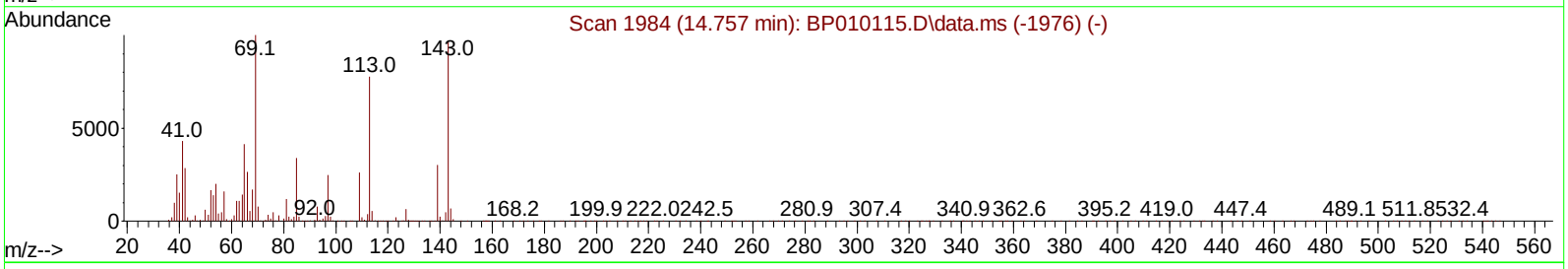

TIC: BP010128.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.763min (-0.000) 27.40 ng/ul

response 198606

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.70	80.71#
41.00	23.20	43.33#
42.00	18.00	28.26#

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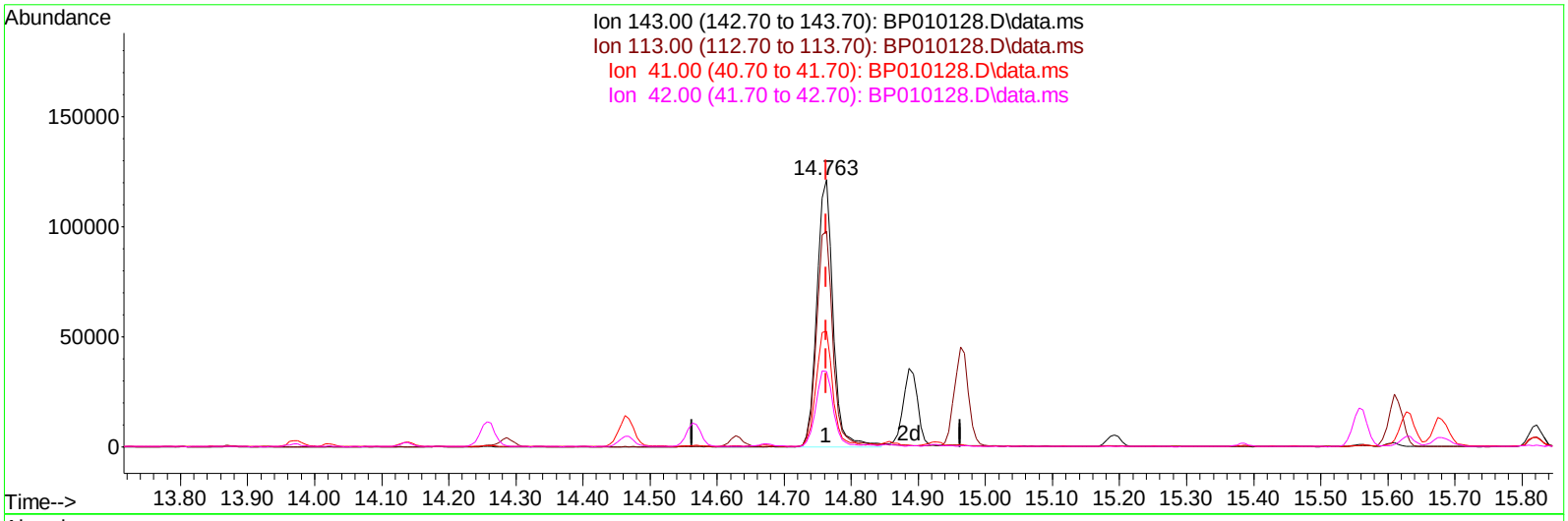

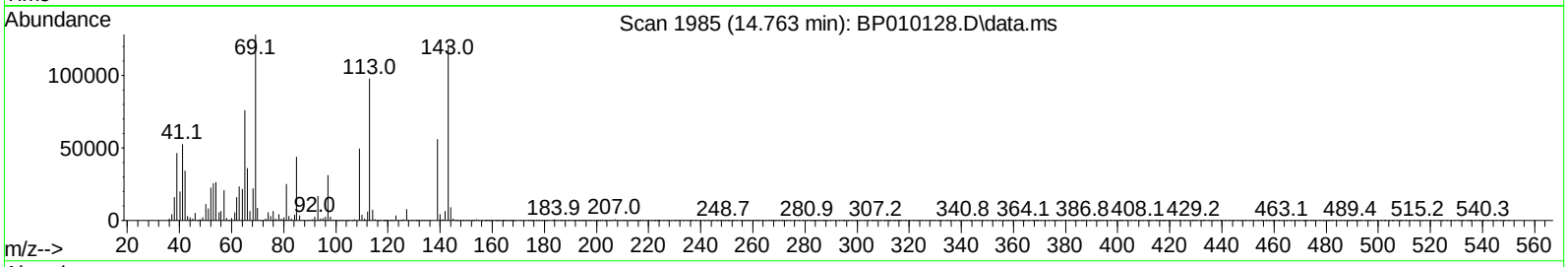

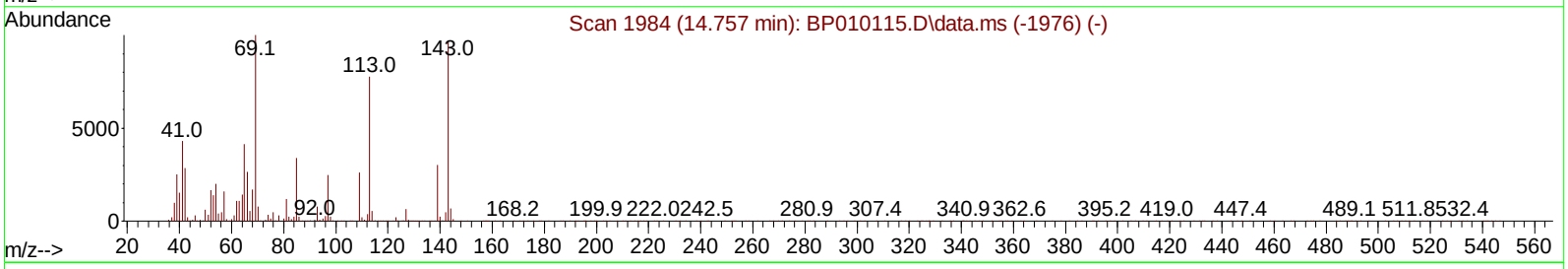

TIC: BP010128.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.763min (-0.000) 28.05 ng/ul m

response 203352

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.70	80.71#
41.00	23.20	43.33#
42.00	18.00	28.26#

Quantitation Report (QT Reviewed)

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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	7.934	152	179527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	763059	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.563	164	506218	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.322	188	1034785	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	809215	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	602536	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	21128	5.132	ng/uL	0.00
4) Pyridine-d5	3.781	84	285931	24.688	ng/ul	0.00
7) Phenol-d5	7.093	99	441377	27.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	287858	29.378	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.463	132	355233	29.374	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	379834	28.074	ng/ul	-0.01
21) Nitrobenzene-d5	9.093	128	183477	30.232	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	208242	31.418	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	371571	28.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	481546	26.028	ng/ul	-0.01
46) Dimethylphthalate-d6	13.975	166	1222897	31.055	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1381421	28.986	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	203352m	28.051	ng/ul	0.00
60) Fluorene-d10	15.557	176	1025002	30.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	209017	31.945	ng/ul	0.00
73) Anthracene-d10	17.422	188	1613415	32.228	ng/ul	0.00
81) Pyrene-d10	19.651	212	1801919	39.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1103885	34.946	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	43304	10.122	ng/uL#	28
5) Pyridine	3.799	79	300389	24.951	ng/ul#	45
6) Benzaldehyde	7.069	77	296400	33.965	ng/ul	94
8) Phenol	7.122	94	443221	27.013	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.352	93	358456	28.356	ng/ul#	79
12) 2-Chlorophenol	7.493	128	347679	28.502	ng/ul	94
13) 2-Methylphenol	8.375	108	341096	27.106	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	530702	28.293	ng/ul#	84
16) Acetophenone	8.757	105	562250	26.636	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.746	70	302161	27.321	ng/ul#	76
18) 4-Methylphenol	8.704	108	373352	26.947	ng/ul	92
19) Hexachloroethane	9.016	117	149966	29.257	ng/ul	81
22) Nitrobenzene	9.134	77	434822	29.243	ng/ul#	85
23) Isophorone	9.663	82	833828	28.391	ng/ul	97
25) 2-Nitrophenol	9.845	139	206114	29.361	ng/ul#	83
26) 2,4-Dimethylphenol	9.910	107	436578	28.725	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.145	93	493423	28.664	ng/ul#	96
29) 2,4-Dichlorophenol	10.387	162	360223	29.042	ng/ul#	85
30) Naphthalene	10.787	128	1159476	29.032	ng/ul	97
32) 4-Chloroaniline	10.893	127	456882	25.060	ng/ul	99
33) Hexachlorobutadiene	11.081	225	256683	29.199	ng/ul	95
34) Caprolactam	11.669	113	127993m	28.687	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	416874	27.821	ng/ul#	70

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.392	142	814822	28.131	ng/ul	93
37) 1-Methylnaphthalene	12.610	142	835815	28.419	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.763	216	479299	30.646	ng/ul#	93
40) Hexachlorocyclopentadiene	12.751	237	266148	30.197	ng/ul	96
41) 2,4,6-Trichlorophenol	12.998	196	307786	30.416	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.075	196	331454	30.105	ng/ul#	86
43) 1,1'-Biphenyl	13.398	154	1122961	30.077	ng/ul	93
44) 2-Chloronaphthalene	13.439	162	868144	30.046	ng/ul	95
45) 2-Nitroaniline	13.639	65	282297	30.131	ng/ul#	79
47) Dimethylphthalate	14.022	163	1145713	29.937	ng/ul#	92
48) 2,6-Dinitrotoluene	14.139	165	243518	31.006	ng/ul	93
50) Acenaphthylene	14.286	152	1408105	29.828	ng/ul	95
51) 3-Nitroaniline	14.469	138	220348	30.971	ng/ul#	79
52) Acenaphthene	14.628	153	905809	29.509	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	113881	25.948	ng/ul#	79
55) 4-Nitrophenol	14.775	109	166350	26.412	ng/ul#	44
56) Dibenzofuran	14.963	168	1326932	29.193	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	356777	31.096	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.192	232	294983	30.141	ng/ul#	87
59) Diethylphthalate	15.386	149	1188802	30.540	ng/ul	93
61) Fluorene	15.616	166	1084131	29.050	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.610	204	575482	29.301	ng/ul	98
63) 4-Nitroaniline	15.633	138	238783	34.492	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.692	198	194514	30.813	ng/ul#	91
67) N-Nitrosodiphenylamine	15.822	169	950235	32.004	ng/ul	94
68) 4-Bromophenyl-phenylether	16.504	248	352155	31.905	ng/ul	96
69) Hexachlorobenzene	16.627	284	406850	31.756	ng/ul#	90
70) Atrazine	16.780	200	395663	32.778	ng/ul#	90
71) Pentachlorophenol	16.969	266	245800	30.126	ng/ul#	85
72) Phenanthrene	17.363	178	1740740	30.950	ng/ul	99
74) Anthracene	17.457	178	1775822	31.347	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	488602	32.343	ng/uL#	87
76) Pentachlorobenzene	14.892	250	468037	31.594	ng/uL	90
77) Carbazole	17.722	167	1534756	30.616	ng/ul#	95
78) Di-n-butylphthalate	18.274	149	2064129	33.468	ng/ul#	93
80) Fluoranthene	19.327	202	2041231	39.324	ng/ul	97
82) Pyrene	19.680	202	2054935	38.425	ng/ul#	94
83) Butylbenzylphthalate	20.545	149	866858	39.214	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.315	252	501324	34.431	ng/ul#	96
85) Benzo(a)anthracene	21.386	228	1689394	32.896	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	1247995	38.091	ng/ul#	82
87) Chrysene	21.445	228	1642058	32.473	ng/ul	100
89) Di-n-octyl phthalate	22.251	149	1932850	41.264	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1388162	34.269	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	1323424	34.491	ng/ul#	97
93) Benzo(a)pyrene	23.751	252	1291140	34.469	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1364022	36.605	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.439	278	1148405	36.017	ng/ul#	96
96) Benzo(g,h,i)perylene	27.209	276	1176728	37.425	ng/ul#	92

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

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