Quantitation Report (Qedit)

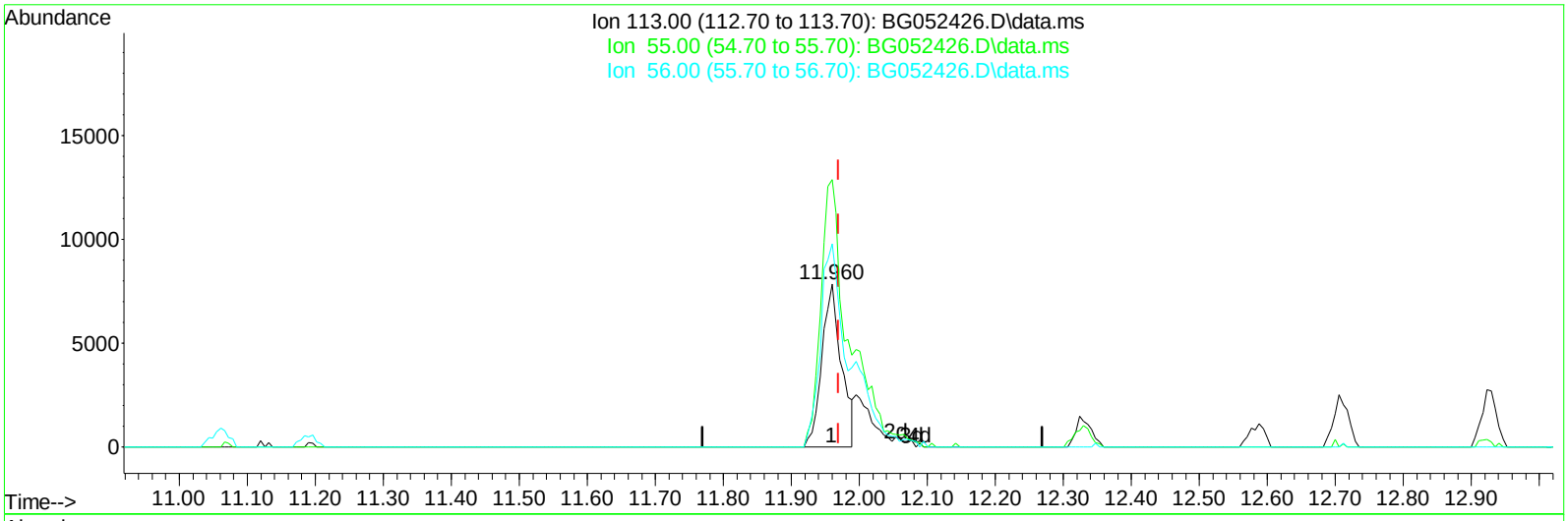
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021822\
Data File : BG052426.D
Acq On : 18 Feb 2022 17:32
Operator : CG/JU
Sample : PB142721BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

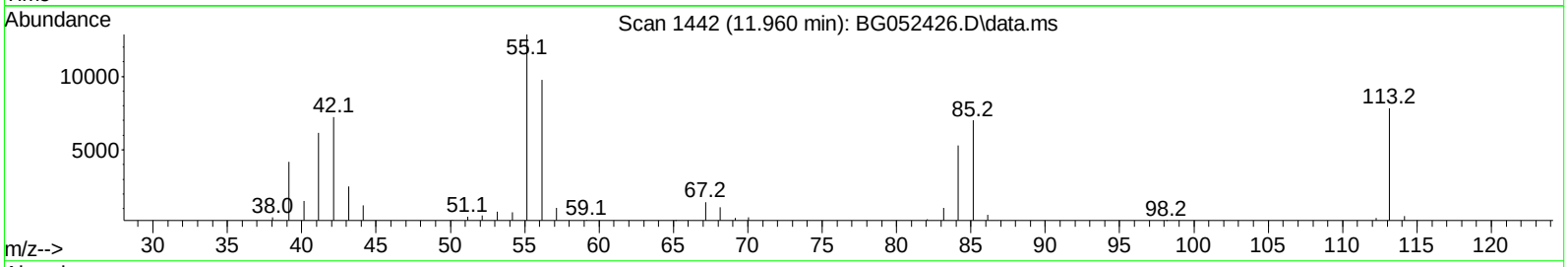
Quant Time: Feb 18 22:35:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

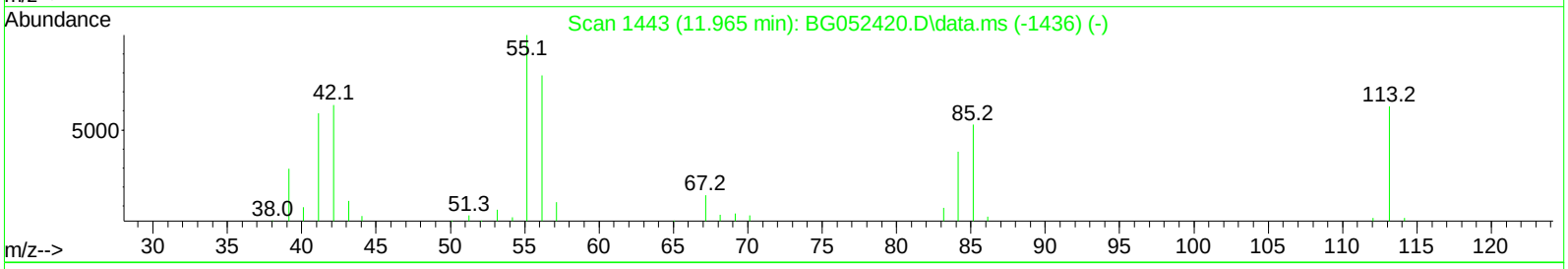
Instrument :
BNA_G
ClientSampleId :
SLCS721

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :Yogesh Patel 02/22/2022







TIC: BG052426.D\data.ms

(34) Caprolactam

11.960min (-0.010) 26.16 ng/ul

response 15652

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.31
56.00	136.50	124.90
0.00	0.00	0.00

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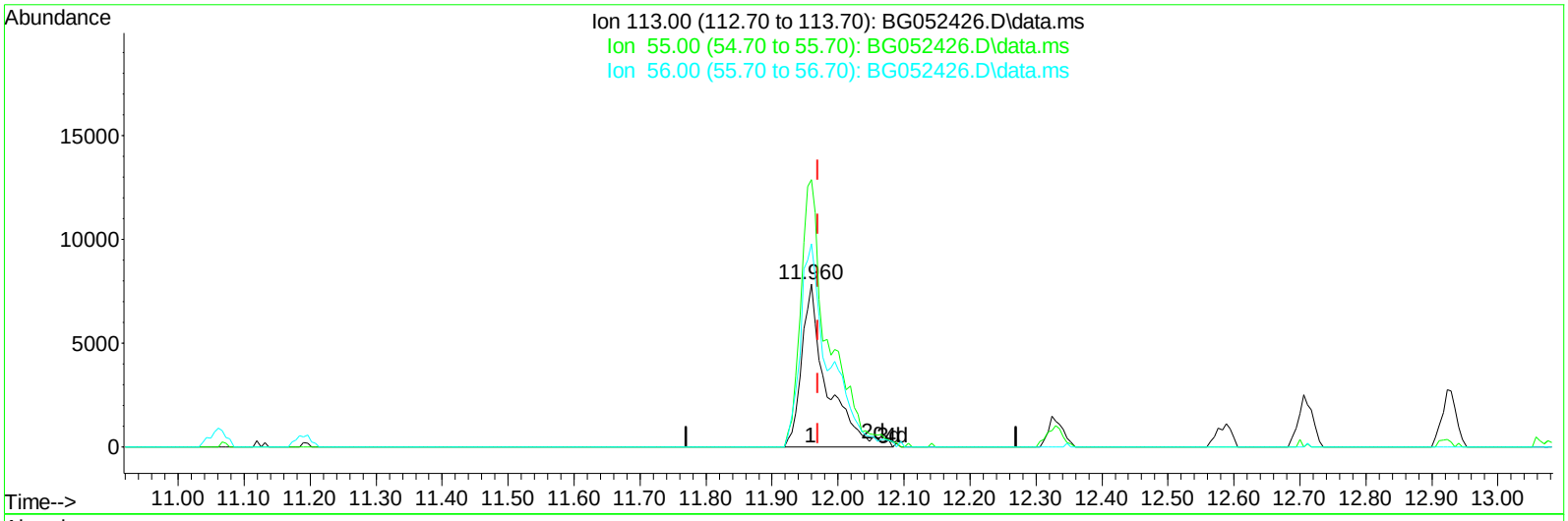

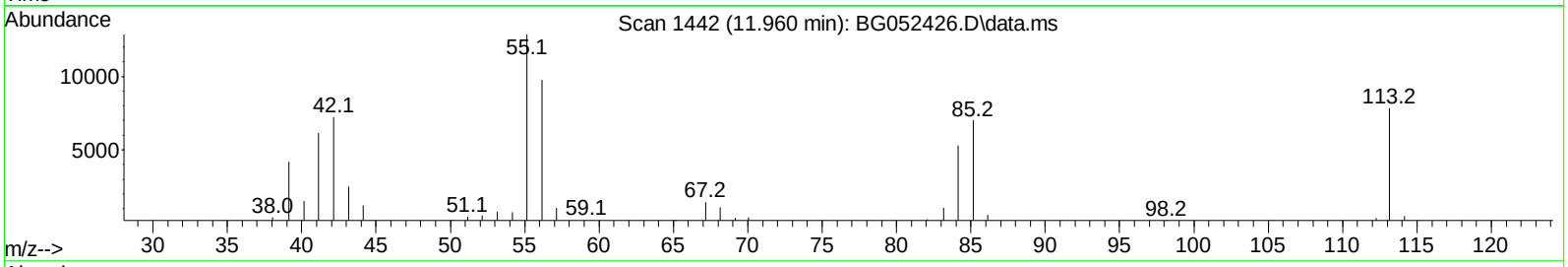

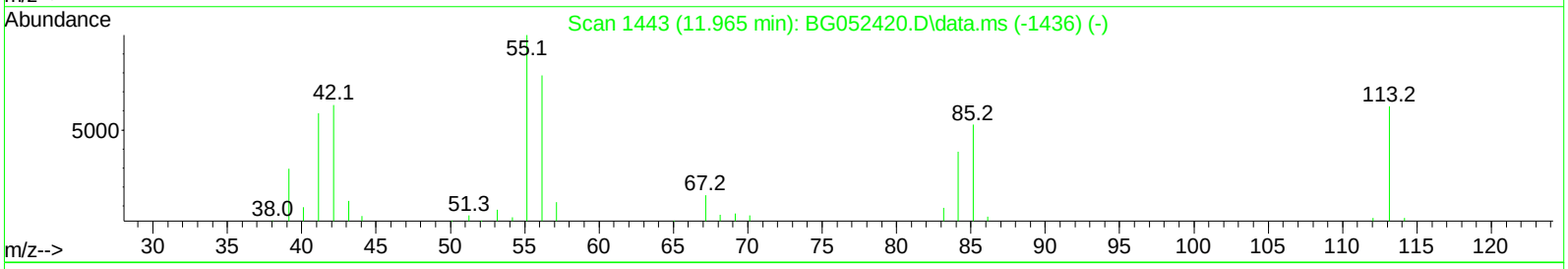

TIC: BG052426.D\data.ms

(34) Caprolactam

11.960min (-0.010) 34.63 ng/ul m

response 20719

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.31
56.00	136.50	124.90
0.00	0.00	0.00

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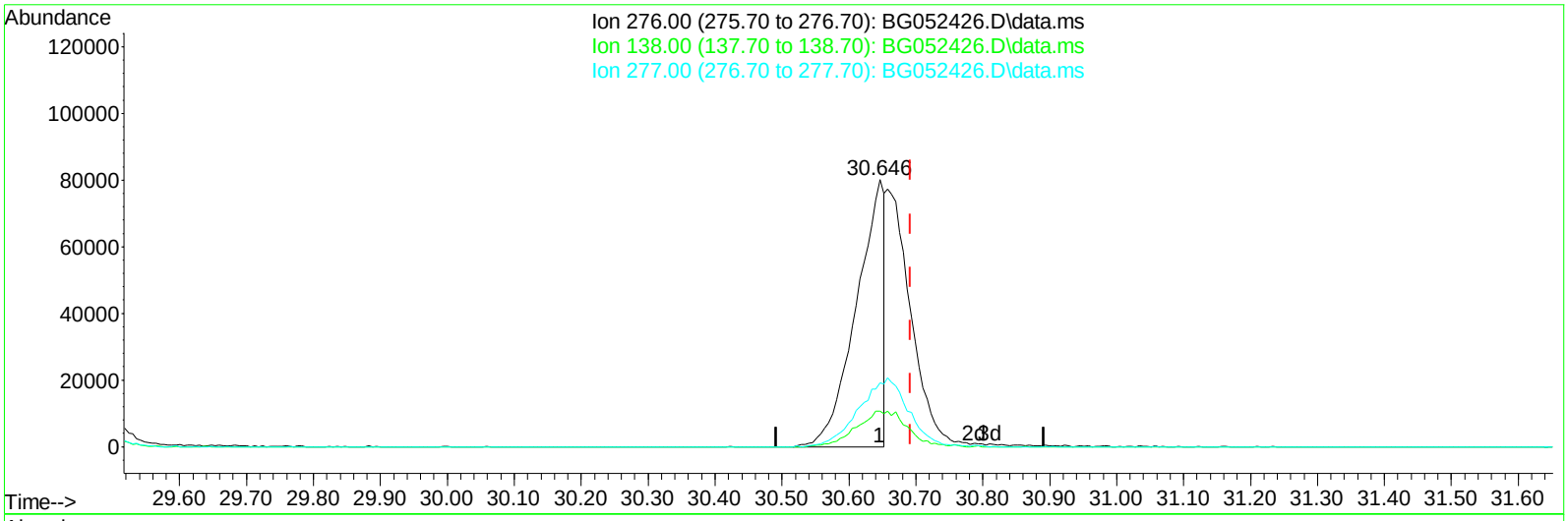

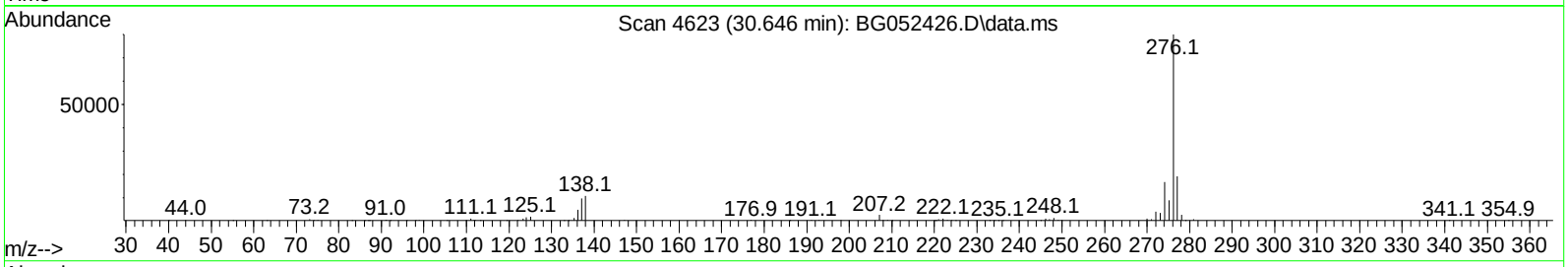

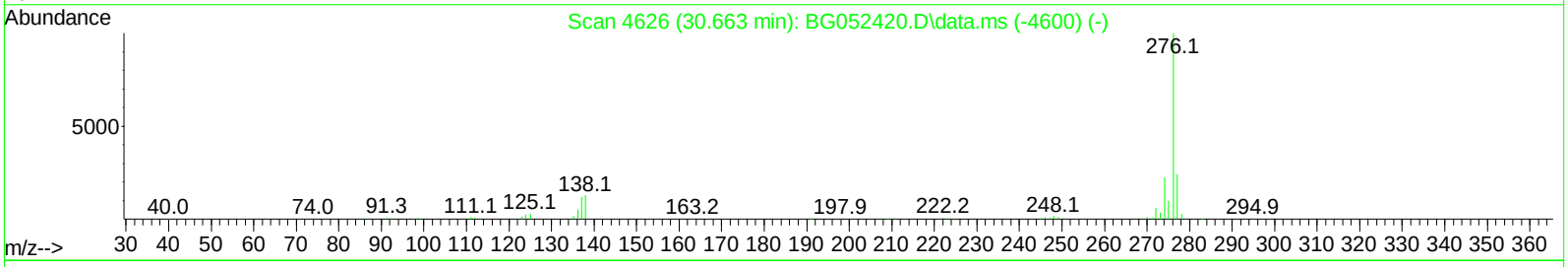

TIC: BG052426.D\data.ms

(96) Benzo(g,h,i)perylene

30.646min (-0.046) 17.41 ng/ul

response 232886

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	13.32#
277.00	22.00	24.02
0.00	0.00	0.00

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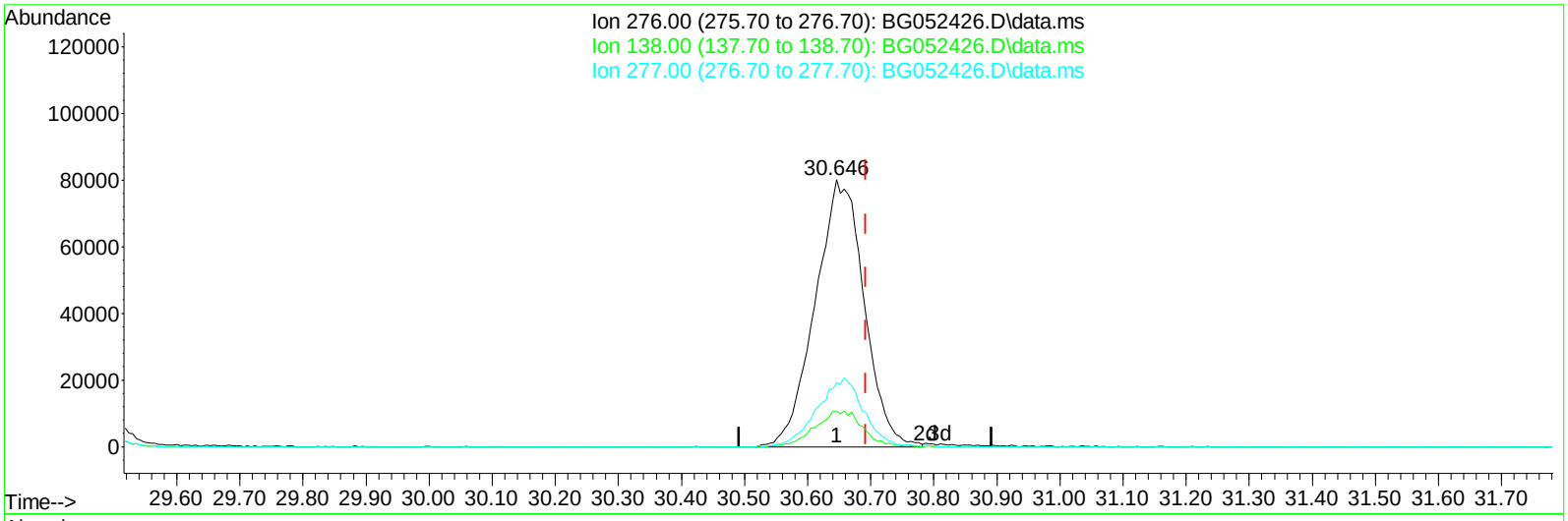

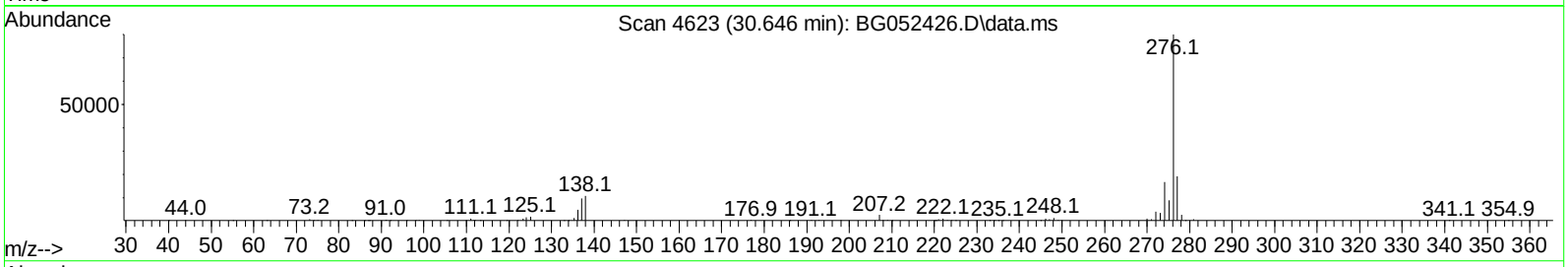

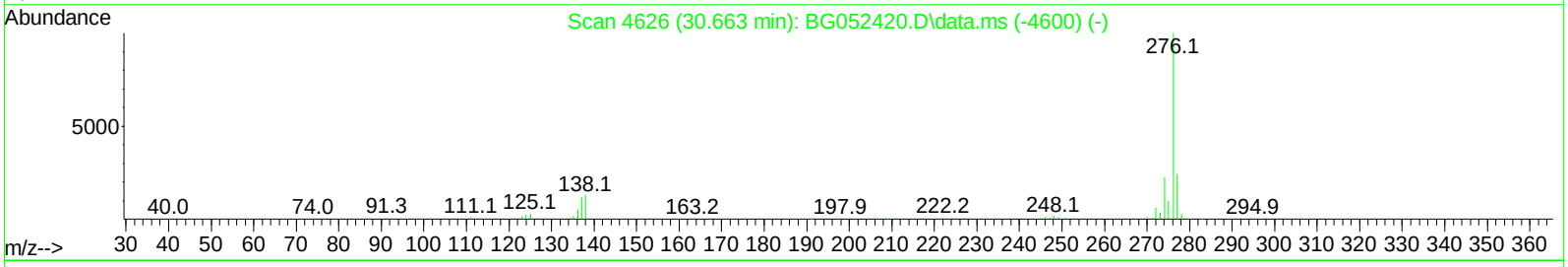

TIC: BG052426.D\data.ms

(96) Benzo(g,h,i)perylene

30.646min (-0.046) 32.15 ng/ul m

response 430187

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	13.32#
277.00	22.00	24.02
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 02/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	25799	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.061	136	110033	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.867	164	80967	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.617	188	204607	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.934	240	212409	20.000	ng/ul	#-0.01
88) Perylene-d12	25.406	264	218183	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.542	96	3687	5.766	ng/uL	-0.02
4) Pyridine-d5	3.970	84	61174	30.755	ng/ul	-0.02
7) Phenol-d5	7.366	99	73398	31.277	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.530	67	43243	30.332	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.754	132	51694	31.612	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	58328	32.754	ng/ul	-0.01
21) Nitrobenzene-d5	9.393	128	27538	30.737	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.127	143	31577	32.254	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.679	165	61172	32.051	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.190	131	70984	29.321	ng/ul	-0.01
46) Dimethylphthalate-d6	14.262	166	206835	32.499	ng/ul	0.00
49) Acenaphthylene-d8	14.562	160	253086	31.904	ng/ul	-0.02
54) 4-Nitrophenol-d4	15.055	143	31966	33.164	ng/ul	0.00
60) Fluorene-d10	15.860	176	182941	32.810	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.972	200	38989	30.866	ng/ul	-0.01
73) Anthracene-d10	17.717	188	301351	31.241	ng/ul	-0.01
81) Pyrene-d10	19.996	212	389045	30.561	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.165	264	367755	31.727	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	8647	12.131	ng/uL	97
5) Pyridine	3.994	79	56798	27.267	ng/ul	98
6) Benzaldehyde	7.342	77	42387	31.860	ng/ul	95
8) Phenol	7.395	94	73659	31.320	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.624	93	54674	30.764	ng/ul	95
12) 2-Chlorophenol	7.783	128	52931	31.356	ng/ul	94
13) 2-Methylphenol	8.664	108	54367	30.718	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.746	45	76645	30.195	ng/ul#	95
16) Acetophenone	9.052	105	88936	32.204	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.028	70	52109	31.457	ng/ul	99
18) 4-Methylphenol	8.993	108	59293	31.798	ng/ul	86
19) Hexachloroethane	9.328	117	20708	28.485	ng/ul#	77
22) Nitrobenzene	9.440	77	75396	30.172	ng/ul	96
23) Isophorone	9.962	82	149016	32.227	ng/ul	98
25) 2-Nitrophenol	10.162	139	32581	30.441	ng/ul	95
26) 2,4-Dimethylphenol	10.209	107	64991	29.450	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.444	93	79437	32.033	ng/ul	99
29) 2,4-Dichlorophenol	10.708	162	58382	31.644	ng/ul	97
30) Naphthalene	11.114	128	183785	30.547	ng/ul	97
32) 4-Chloroaniline	11.214	127	67968	27.231	ng/ul	100
33) Hexachlorobutadiene	11.402	225	41388	27.501	ng/ul	95
34) Caprolactam	11.960	113	20719m	34.625	ng/ul	
35) 4-Chloro-3-methylphenol	12.330	107	66698	33.517	ng/ul	94

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ClientSampleId :
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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.706	142	132990	31.500	ng/ul	98
37)	1-Methylnaphthalene	12.929	142	134377	30.939	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.076	216	83946	28.804	ng/ul	96
40)	Hexachlorocyclopentadiene	13.052	237	35457	21.311	ng/ul	99
41)	2,4,6-Trichlorophenol	13.311	196	50463	28.999	ng/ul	95
42)	2,4,5-Trichlorophenol	13.387	196	57008	30.417	ng/ul	99
43)	1,1'-Biphenyl	13.704	154	192066	30.259	ng/ul#	96
44)	2-Chloronaphthalene	13.751	162	149480	30.778	ng/ul	96
45)	2-Nitroaniline	13.939	65	53013	32.419	ng/ul	96
47)	Dimethylphthalate	14.309	163	198384	32.160	ng/ul	97
48)	2,6-Dinitrotoluene	14.433	165	44575	33.495	ng/ul	88
50)	Acenaphthylene	14.591	152	245088	30.824	ng/ul	99
51)	3-Nitroaniline	14.762	138	39337	34.542	ng/ul	100
52)	Acenaphthene	14.932	153	162262	31.130	ng/ul	97
53)	2,4-Dinitrophenol	14.973	184	17901	25.904	ng/ul	90
55)	4-Nitrophenol	15.073	109	32869	32.534	ng/ul	92
56)	Dibenzofuran	15.267	168	235600	31.218	ng/ul	98
57)	2,4-Dinitrotoluene	15.220	165	64289	33.699	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.496	232	51259	31.243	ng/ul#	84
59)	Diethylphthalate	15.666	149	203524	32.538	ng/ul	95
61)	Fluorene	15.913	166	199358	31.833	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.895	204	108474	31.494	ng/ul	92
63)	4-Nitroaniline	15.925	138	43587	39.443	ng/ul	89
66)	4,6-Dinitro-2-methylph...	15.989	198	37000	30.755	ng/ul	93
67)	N-Nitrosodiphenylamine	16.107	169	172668	30.782	ng/ul	95
68)	4-Bromophenyl-phenylether	16.794	248	76953	31.156	ng/ul#	86
69)	Hexachlorobenzene	16.929	284	86248	31.071	ng/ul#	90
70)	Atrazine	17.053	200	69411	28.048	ng/ul	98
71)	Pentachlorophenol	17.270	266	31466	23.641	ng/ul	95
72)	Phenanthrene	17.664	178	337258	31.289	ng/ul	99
74)	Anthracene	17.752	178	333264	31.326	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.675	216	89432	26.181	ng/uL	98
76)	Pentachlorobenzene	15.191	250	91474	29.028	ng/uL	98
77)	Carbazole	18.016	167	311655	33.610	ng/ul	98
78)	Di-n-butylphthalate	18.557	149	368040	33.092	ng/ul	100
80)	Fluoranthene	19.667	202	461158	30.762	ng/ul#	91
82)	Pyrene	20.025	202	440768	30.033	ng/ul#	91
83)	Butylbenzylphthalate	20.895	149	164068	31.958	ng/ul	90
84)	3,3'-Dichlorobenzidine	21.817	252	149645	32.902	ng/ul#	98
85)	Benzo(a)anthracene	21.917	228	447103	31.296	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.793	149	227179	30.870	ng/ul#	98
87)	Chrysene	21.987	228	425841	31.547	ng/ul	99
89)	Di-n-octyl phthalate	23.086	149	385118	31.112	ng/ul	100
90)	Benzo(b)fluoranthene	24.296	252	470998	31.131	ng/ul#	96
91)	Benzo(k)fluoranthene	24.366	252	434168	31.365	ng/ul#	95
93)	Benzo(a)pyrene	25.242	252	442632	31.369	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	29.401	276	515065	32.769	ng/ul#	91
95)	Dibenzo(a,h)anthracene	29.471	278	438447	33.641	ng/ul#	95
96)	Benzo(g,h,i)perylene	30.646	276	430187m	32.152	ng/ul	

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

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