Quantitation Report (Qedit)

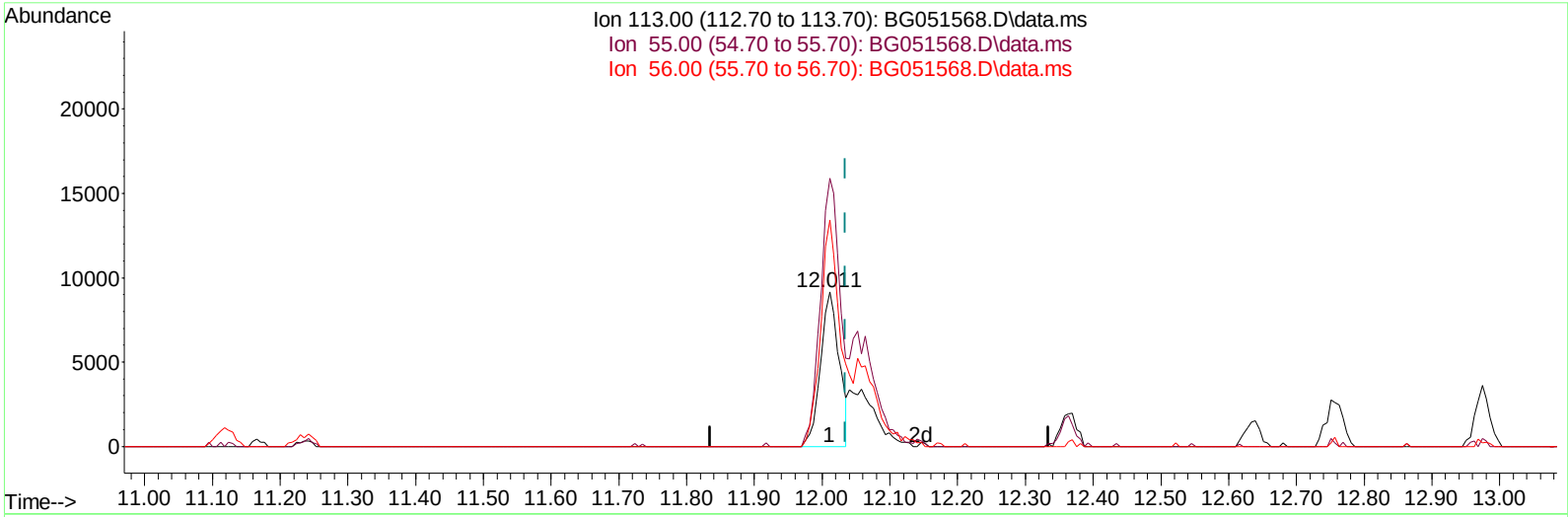
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051568.D
Acq On : 16 Dec 2021 12:42
Operator : CG/JU
Sample : PB141371BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

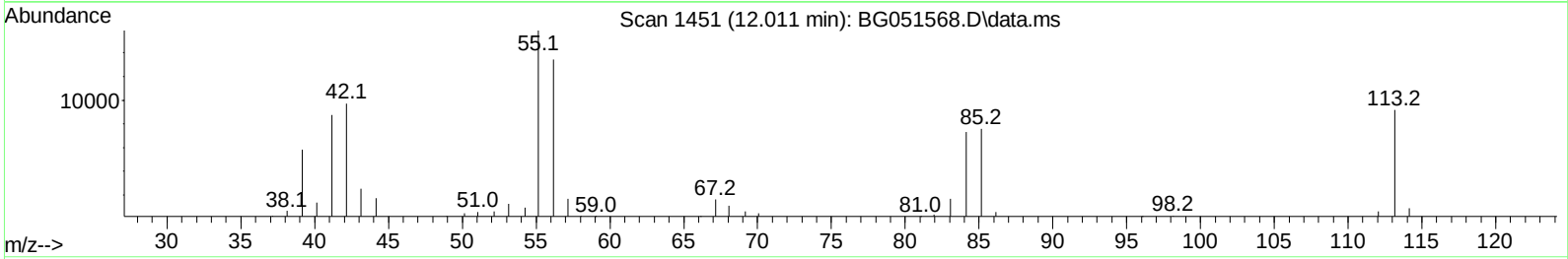
Quant Time: Dec 17 00:10:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

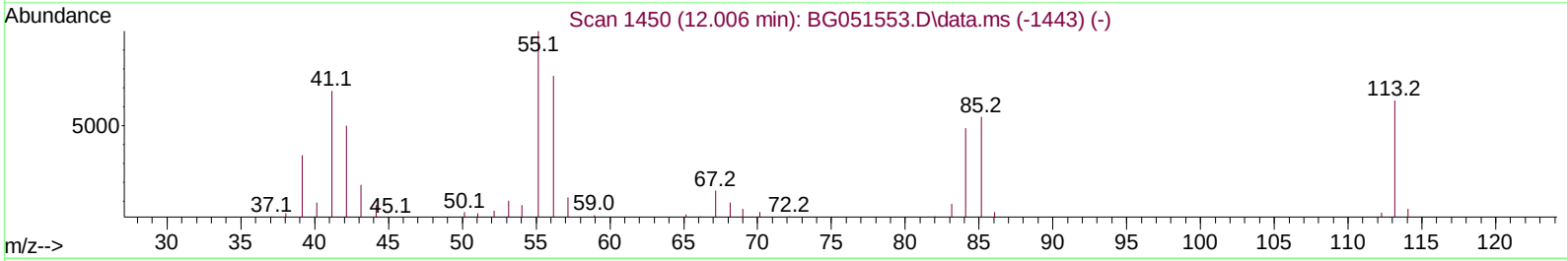
Instrument :
BNA_G
ClientSampleId :
SLCS371

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021







TIC: BG051568.D\data.ms

(34) Caprolactam

12.011min (-0.024) 24.28 ng/ul

response 17436

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	173.39
56.00	136.50	146.49
0.00	0.00	0.00

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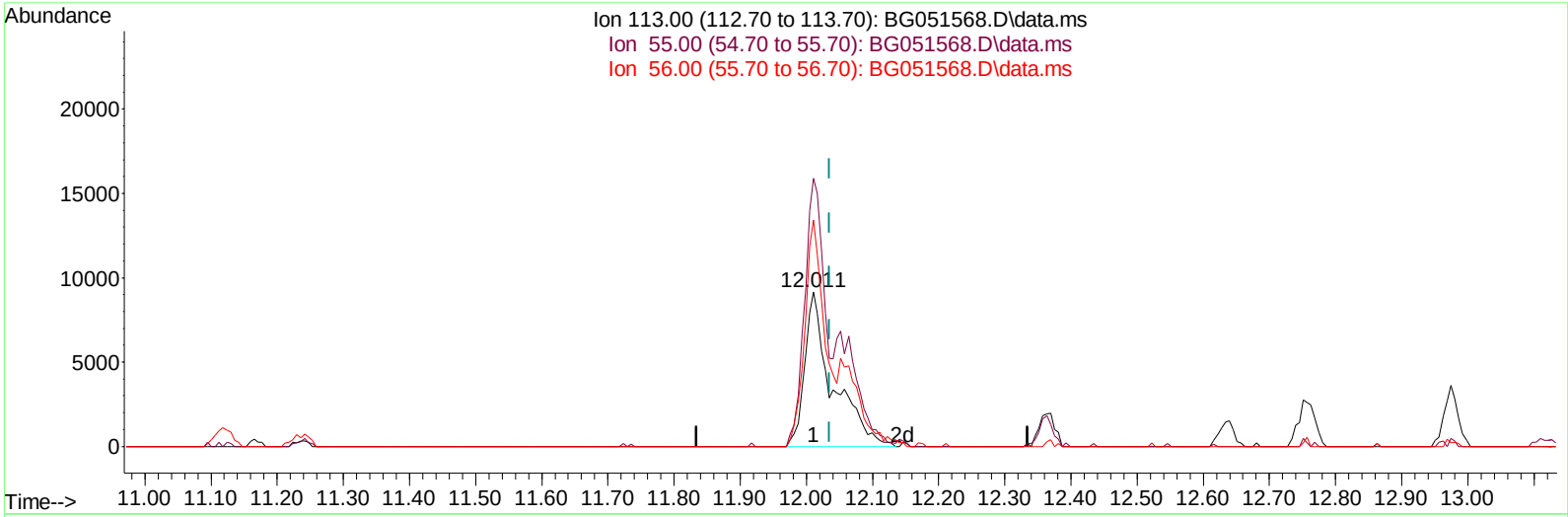

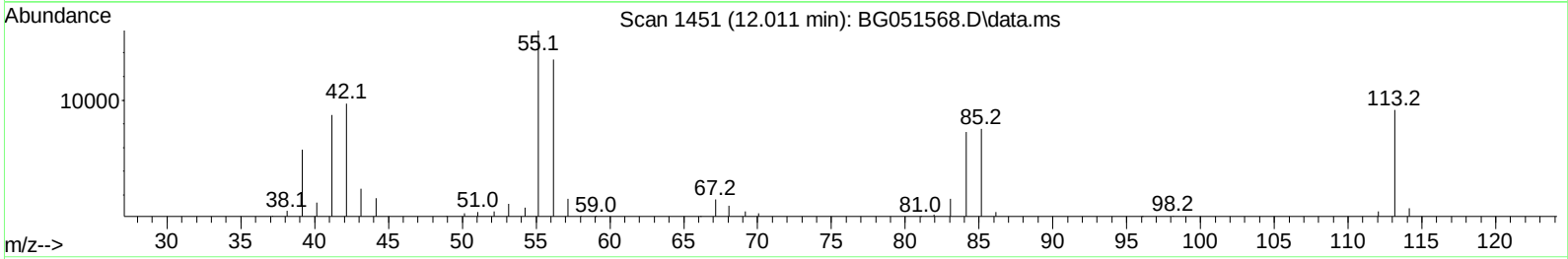

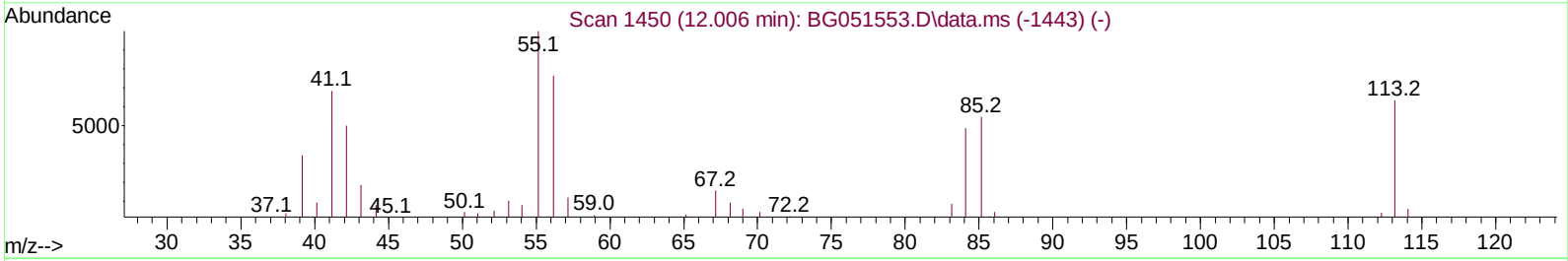

TIC: BG051568.D\data.ms

(34) Caprolactam

12.011min (-0.024) 37.28 ng/ul m

response 26769

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	173.39
56.00	136.50	146.49
0.00	0.00	0.00

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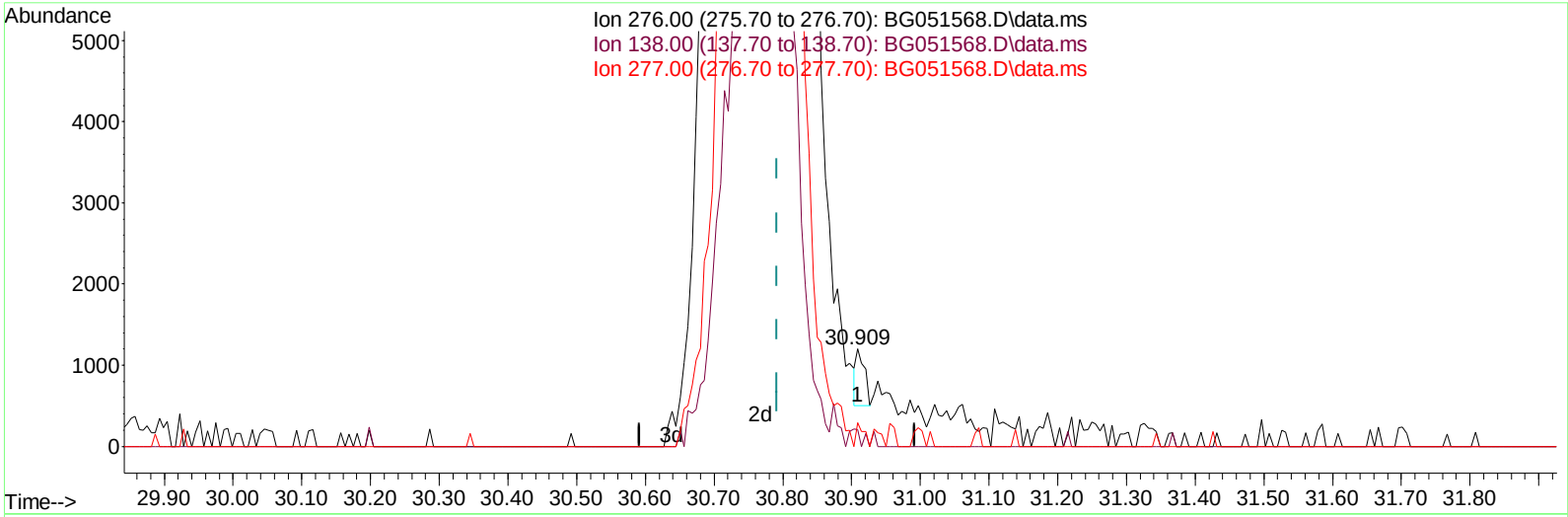

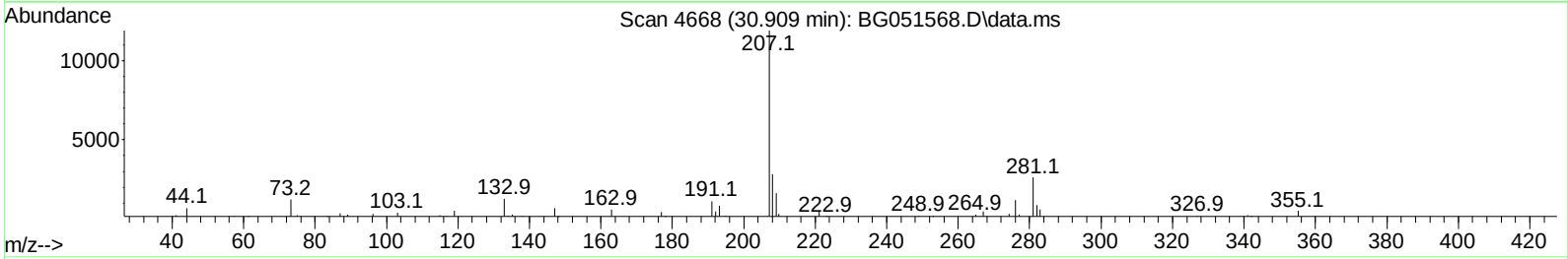

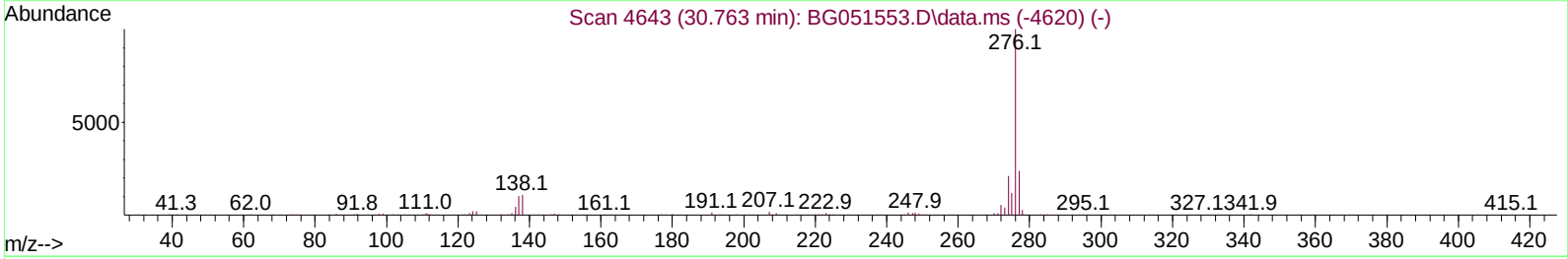

TIC: BG051568.D\data.ms

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

30.909min (+ 0.117) 0.04 ng/ul

response 589

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	17.49
277.00	22.00	24.06
0.00	0.00	0.00

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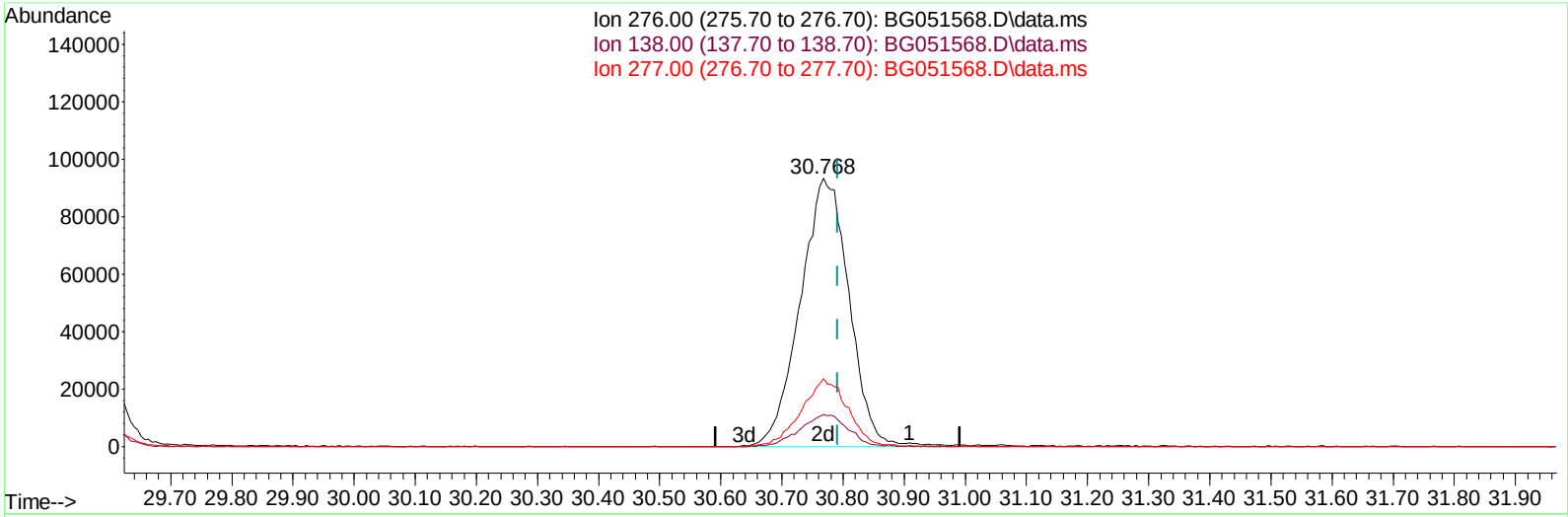

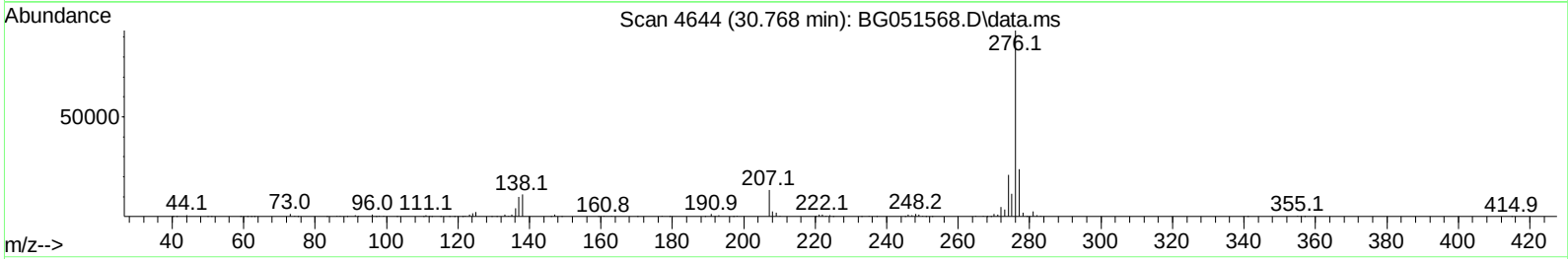

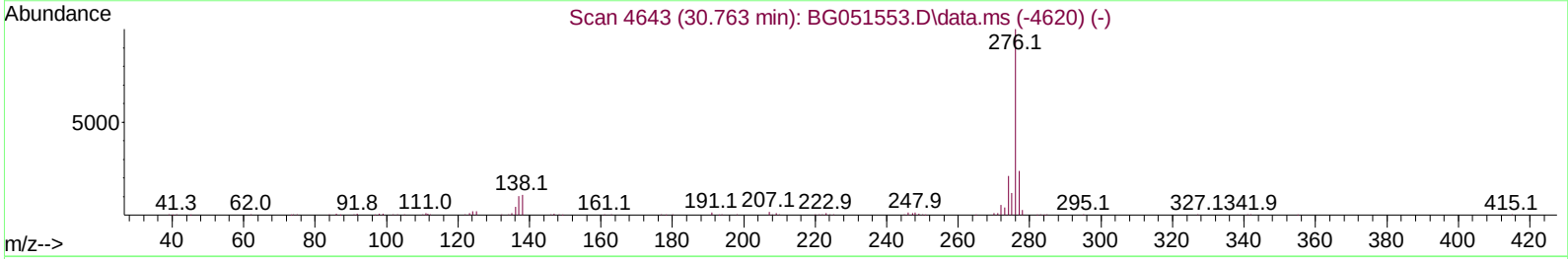

TIC: BG051568.D\data.ms

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

30.768min (-0.024) 33.67 ng/ul m

response 516406

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	12.01#
277.00	22.00	25.44
0.00	0.00	0.00

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	8.281	152	34071	20.000	ng/ul	0.00
20) Naphthalene-d8	11.118	136	143433	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.913	164	106020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.662	188	266809	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	256089	20.000	ng/ul	# 0.00
88) Perylene-d12	25.475	264	262224	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	4624	5.636	ng/uL	0.00
4) Pyridine-d5	4.034	84	74874	30.206	ng/ul	-0.01
7) Phenol-d5	7.405	99	102405	33.663	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	58671	32.443	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.805	132	70747	33.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.974	113	76058	32.345	ng/ul	0.00
21) Nitrobenzene-d5	9.444	128	34157	32.481	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.178	143	40136	34.914	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.724	165	84082	33.728	ng/ul	0.00
31) 4-Chloroaniline-d4	11.236	131	95279	29.029	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	276512	32.585	ng/ul	0.00
49) Acenaphthylene-d8	14.607	160	337601	32.034	ng/ul	0.00
54) 4-Nitrophenol-d4	15.077	143	45873	33.242	ng/ul	0.00
60) Fluorene-d10	15.900	176	247132	32.506	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	51683	37.179	ng/ul	0.00
73) Anthracene-d10	17.762	188	405752	31.880	ng/ul	0.00
81) Pyrene-d10	20.035	212	513159	33.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.240	264	479426	34.748	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	9456	11.044	ng/uL#	91
5) Pyridine	4.051	79	76084	30.596	ng/ul	97
6) Benzaldehyde	7.400	77	63806	33.618	ng/ul	96
8) Phenol	7.435	94	96374	31.860	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.681	93	69433	30.087	ng/ul	91
12) 2-Chlorophenol	7.834	128	69170	31.871	ng/ul	93
13) 2-Methylphenol	8.710	108	71009	31.113	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.803	45	94776	30.277	ng/ul	96
16) Acetophenone	9.103	105	110985	30.047	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.091	70	67119	30.284	ng/ul	99
18) 4-Methylphenol	9.038	108	75994	31.592	ng/ul	93
19) Hexachloroethane	9.385	117	27772	29.327	ng/ul#	82
22) Nitrobenzene	9.491	77	97243	31.793	ng/ul	95
23) Isophorone	10.020	82	184633	30.067	ng/ul	98
25) 2-Nitrophenol	10.213	139	41147	33.486	ng/ul	96
26) 2,4-Dimethylphenol	10.260	107	86316	29.155	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.495	93	97622	29.939	ng/ul	97
29) 2,4-Dichlorophenol	10.748	162	77739	32.774	ng/ul	97
30) Naphthalene	11.171	128	227050	29.382	ng/ul	98
32) 4-Chloroaniline	11.259	127	93538	27.909	ng/ul	97
33) Hexachlorobutadiene	11.459	225	60864	30.224	ng/ul	95
34) Caprolactam	12.011	113	26769m	37.276	ng/ul	
35) 4-Chloro-3-methylphenol	12.363	107	85322	32.103	ng/ul	92

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.757	142	166652	30.229	ng/ul	98
37)	1-Methylnaphthalene	12.974	142	171444	29.951	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	13.121	216	112005	30.372	ng/ul	98
40)	Hexachlorocyclopentadiene	13.104	237	69643	26.009	ng/ul	99
41)	2,4,6-Trichlorophenol	13.350	196	72459	32.458	ng/ul#	89
42)	2,4,5-Trichlorophenol	13.421	196	79811	34.113	ng/ul	96
43)	1,1'-Biphenyl	13.750	154	238698	29.392	ng/ul#	96
44)	2-Chloronaphthalene	13.797	162	188383	30.004	ng/ul	95
45)	2-Nitroaniline	13.985	65	66617	34.732	ng/ul	94
47)	Dimethylphthalate	14.355	163	258104	31.330	ng/ul	98
48)	2,6-Dinitrotoluene	14.472	165	56705	36.005	ng/ul	95
50)	Acenaphthylene	14.637	152	313300	30.384	ng/ul	98
51)	3-Nitroaniline	14.795	138	48401	32.140	ng/ul	96
52)	Acenaphthene	14.977	153	203317	29.847	ng/ul	95
53)	2,4-Dinitrophenol	14.995	184	33095	36.352	ng/ul#	39
55)	4-Nitrophenol	15.089	109	48588	32.818	ng/ul	80
56)	Dibenzofuran	15.306	168	304048	30.308	ng/ul	100
57)	2,4-Dinitrotoluene	15.254	165	81194	36.374	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.530	232	77657	34.925	ng/ul#	87
59)	Diethylphthalate	15.712	149	266261	31.025	ng/ul	96
61)	Fluorene	15.959	166	251169	30.386	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.947	204	144575	31.401	ng/ul	90
63)	4-Nitroaniline	15.959	138	52870	34.231	ng/ul	90
66)	4,6-Dinitro-2-methylph...	16.017	198	46762	34.253	ng/ul#	96
67)	N-Nitrosodiphenylamine	16.152	169	222790	31.045	ng/ul	97
68)	4-Bromophenyl-phenylether	16.840	248	99583	36.649	ng/ul#	85
69)	Hexachlorobenzene	16.969	284	108561	31.794	ng/ul#	90
70)	Atrazine	17.092	200	101498	31.519	ng/ul	99
71)	Pentachlorophenol	17.304	266	67780	32.399	ng/ul	94
72)	Phenanthrene	17.703	178	425004	30.970	ng/ul	97
74)	Anthracene	17.797	178	418056	30.155	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.720	216	119026	28.998	ng/uL	98
76)	Pentachlorobenzene	15.230	250	122287	31.165	ng/uL	99
77)	Carbazole	18.056	167	390149	31.427	ng/ul	100
78)	Di-n-butylphthalate	18.608	149	461766	30.907	ng/ul	99
80)	Fluoranthene	19.701	202	563572	31.855	ng/ul#	89
82)	Pyrene	20.065	202	541293	30.917	ng/ul#	87
83)	Butylbenzylphthalate	20.940	149	196353	33.442	ng/ul#	93
84)	3,3'-Dichlorobenzidine	21.856	252	184178	30.516	ng/ul#	97
85)	Benzo(a)anthracene	21.956	228	537396	32.254	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.851	149	270774	32.923	ng/ul#	99
87)	Chrysene	22.033	228	509708	31.666	ng/ul	98
89)	Di-n-octyl phthalate	23.166	149	455158	32.226	ng/ul	100
90)	Benzo(b)fluoranthene	24.365	252	569391	32.418	ng/ul#	95
91)	Benzo(k)fluoranthene	24.435	252	518951	31.551	ng/ul#	96
93)	Benzo(a)pyrene	25.316	252	538386	32.479	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	29.517	276	613639	33.908	ng/ul#	88
95)	Dibenzo(a,h)anthracene	29.587	278	517412	33.475	ng/ul#	92
96)	Benzo(g,h,i)perylene	30.768	276	516406m	33.672	ng/ul	

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

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