Quantitation Report (Qedit)

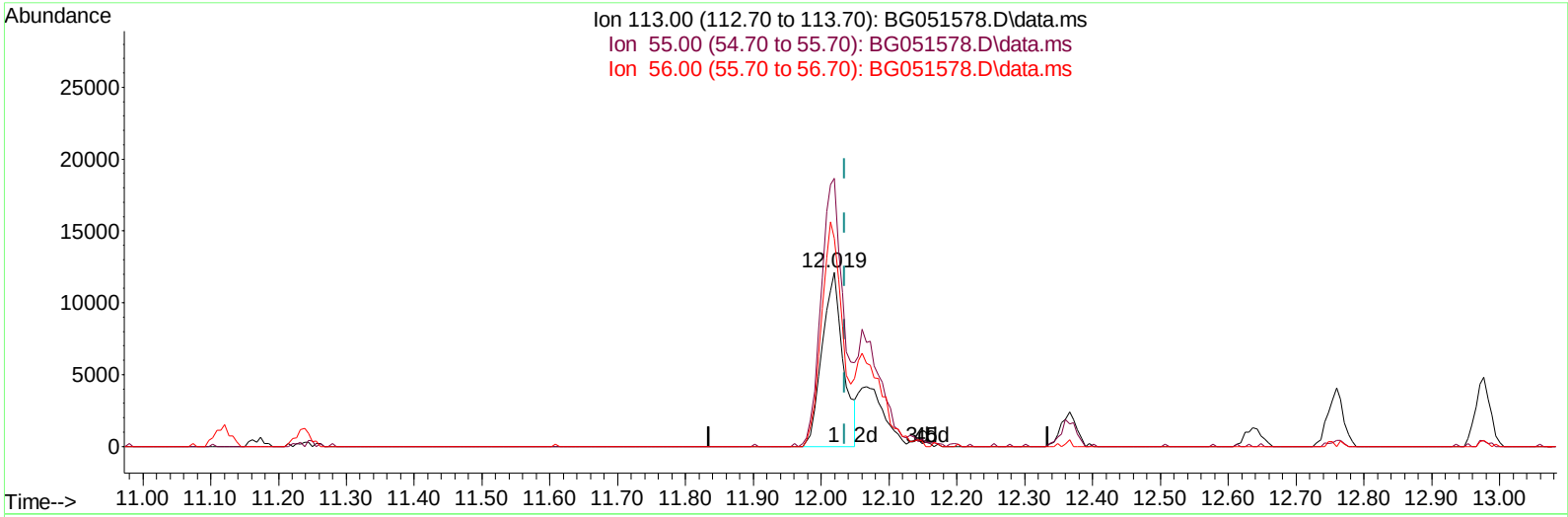
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051578.D
Acq On : 16 Dec 2021 20:13
Operator : CG/JU
Sample : PB141435BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

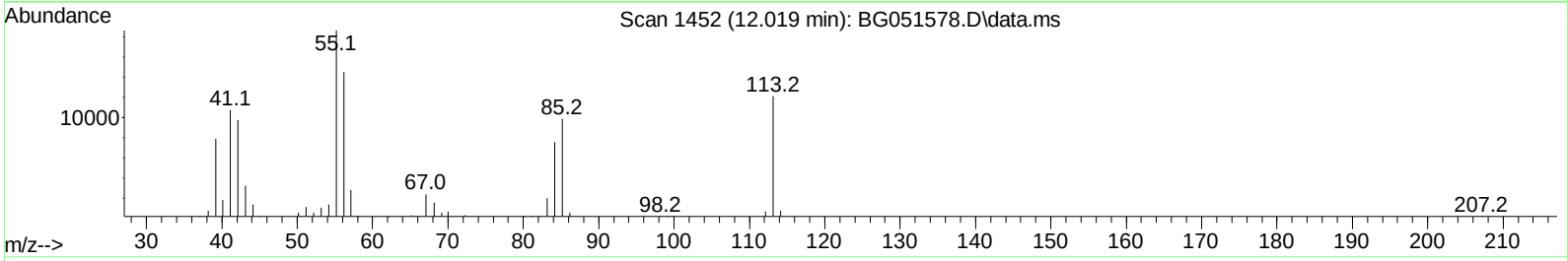
Quant Time: Dec 17 00:13:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

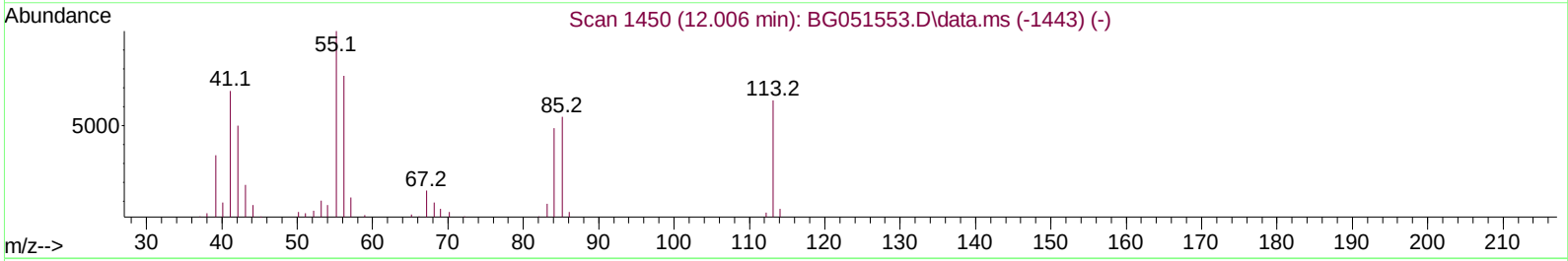
Instrument :
BNA_G
ClientSampleId :
SLCS435

Manual IntegrationsAPPROVED

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







TIC: BG051578.D\data.ms

(34) Caprolactam

12.019min (-0.015) 31.12 ng/ul

response 26043

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	153.86
56.00	136.50	119.69
0.00	0.00	0.00

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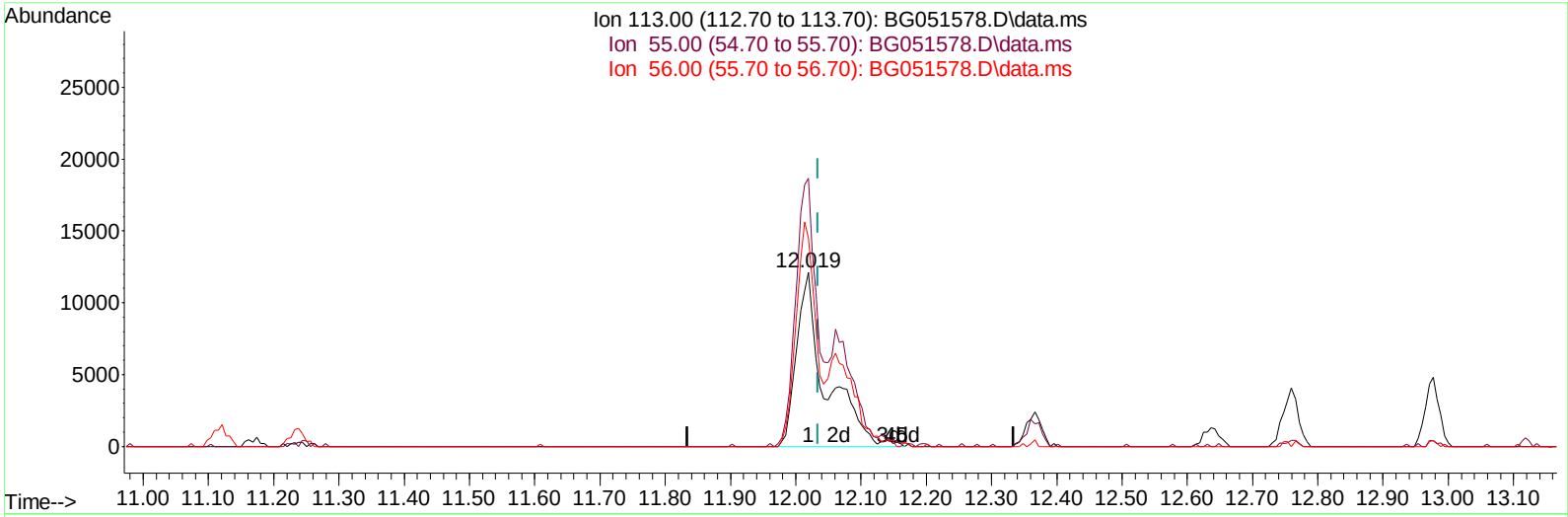

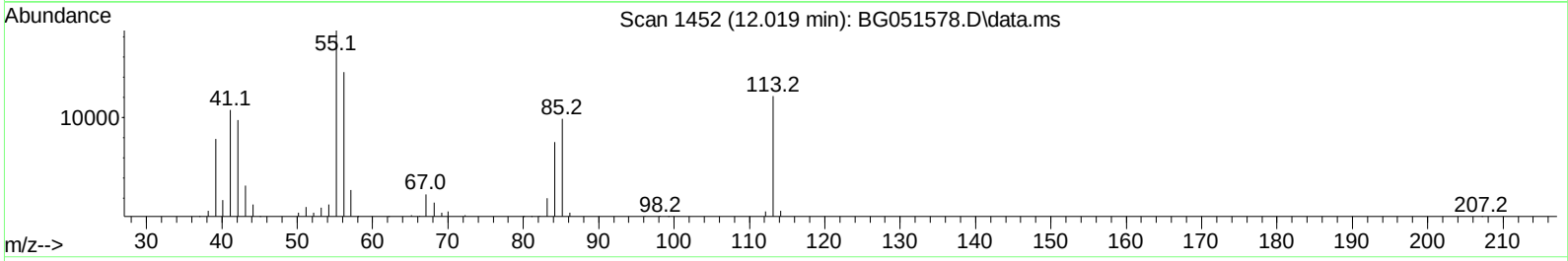

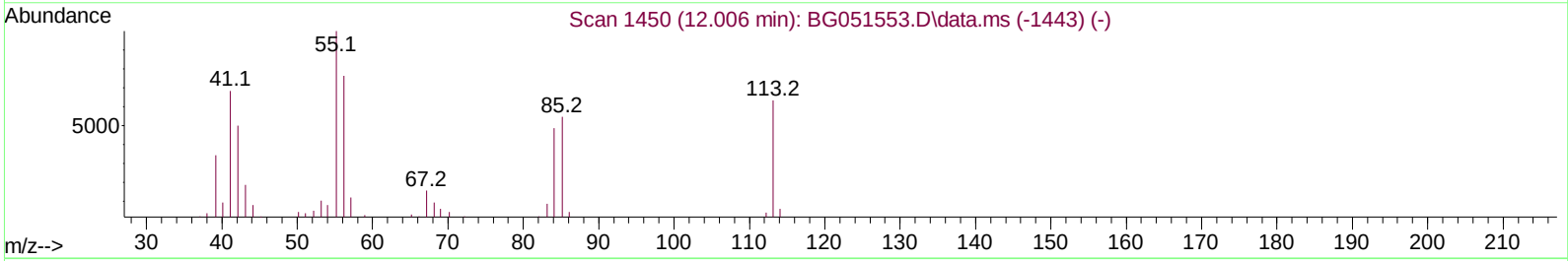

TIC: BG051578.D\data.ms

(34) Caprolactam

12.019min (-0.015) 45.12 ng/ul m

response 37760

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	153.86
56.00	136.50	119.69
0.00	0.00	0.00

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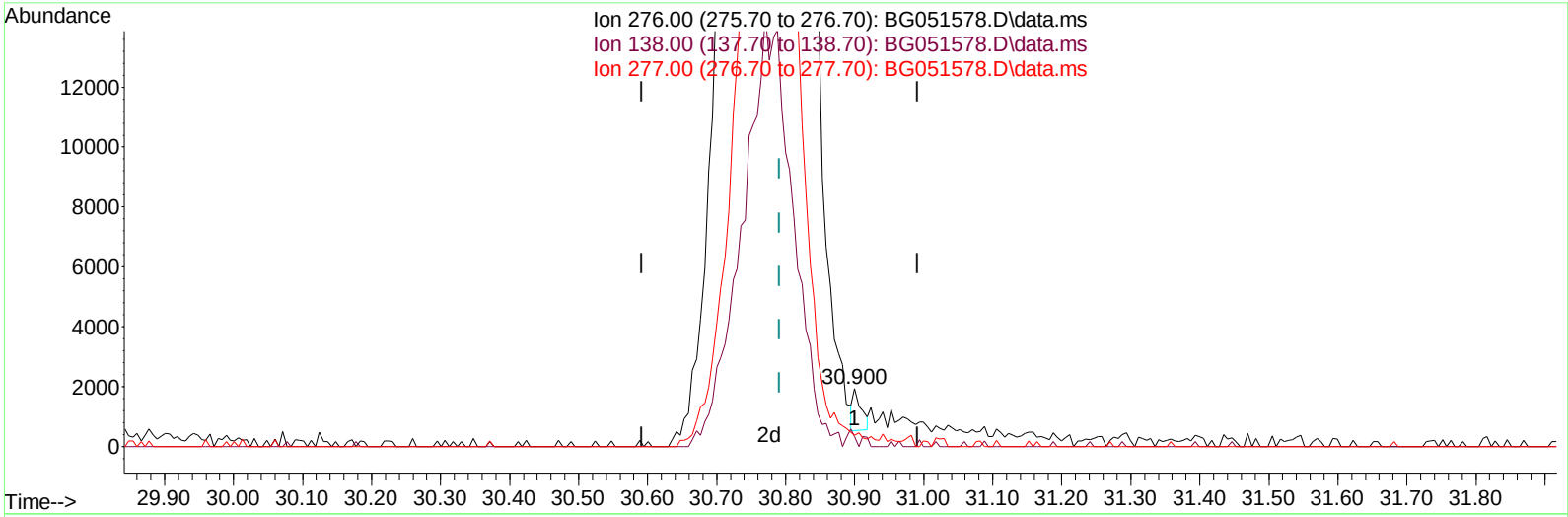

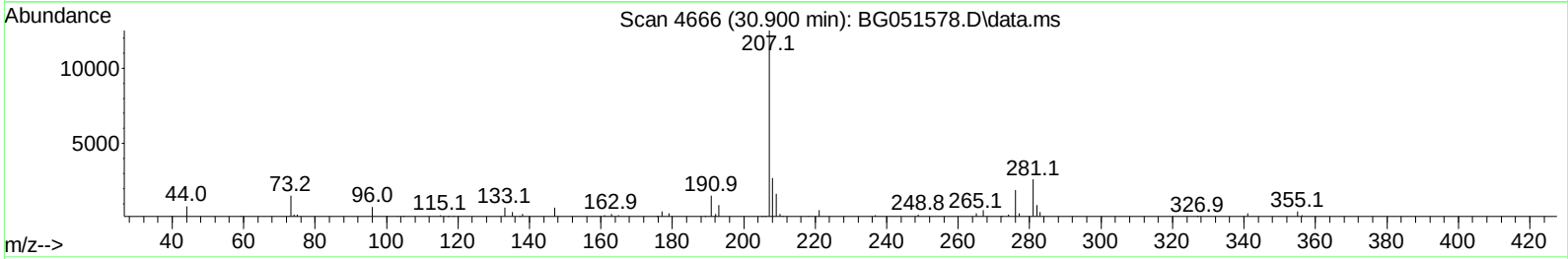

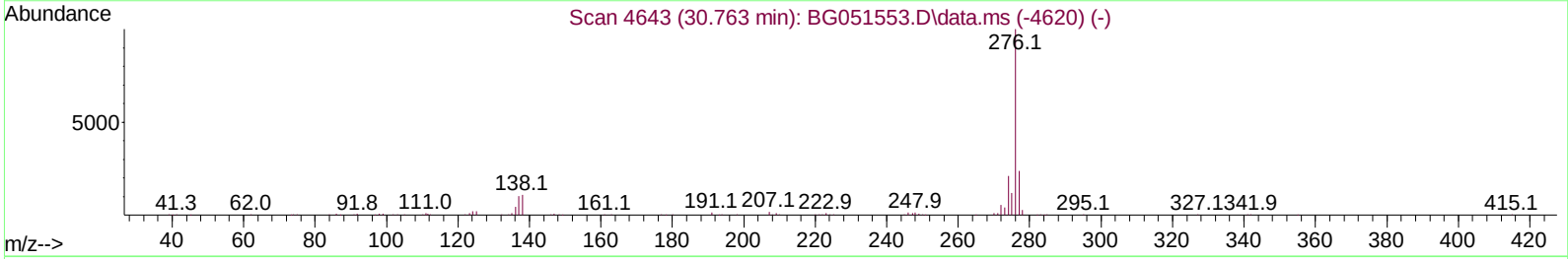

TIC: BG051578.D\data.ms

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

30.900min (+ 0.108) 0.07 ng/ul

response 1151

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	16.82
277.00	22.00	19.15
0.00	0.00	0.00

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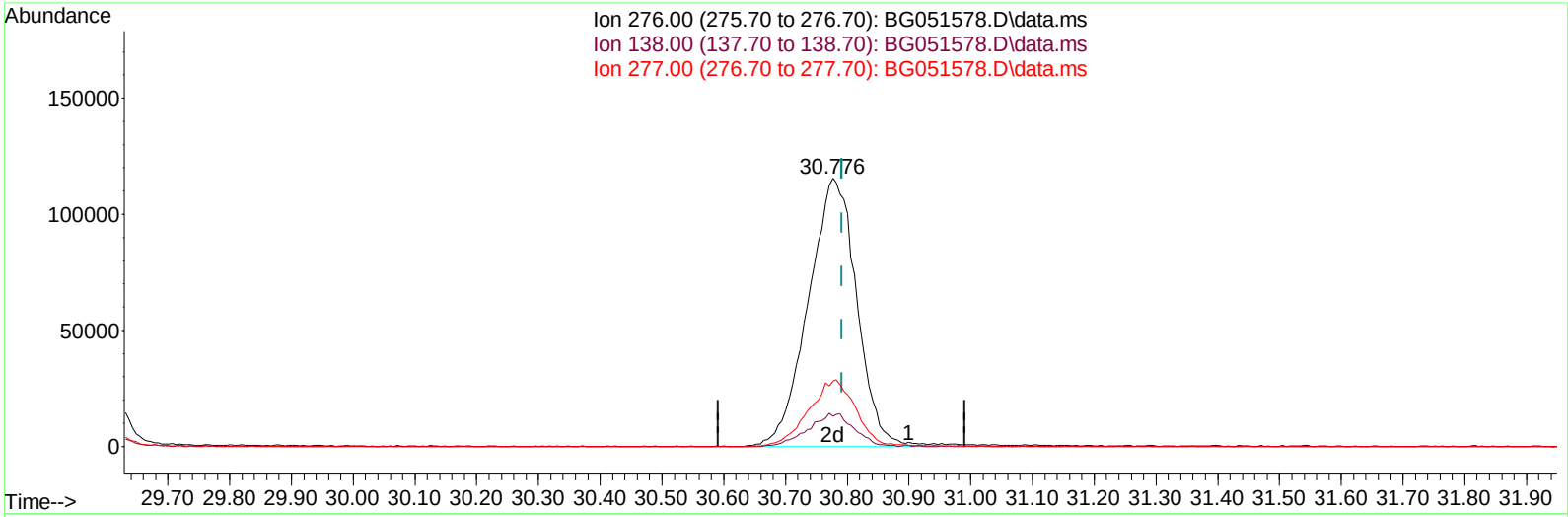

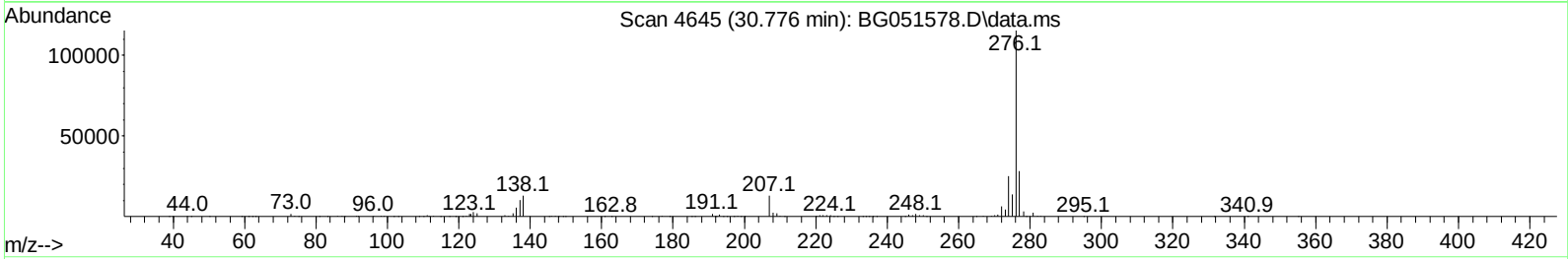

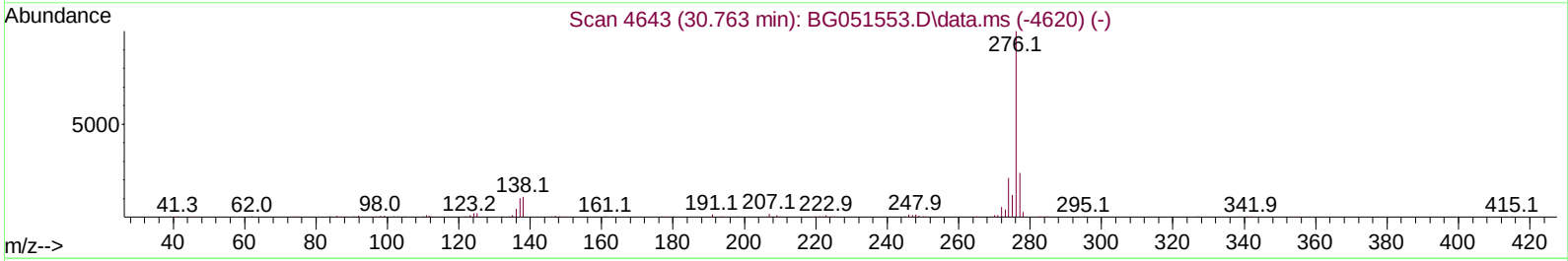

TIC: BG051578.D\data.ms

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

30.776min (-0.015) 38.01 ng/ul m

response 629919

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	11.19#
277.00	22.00	24.40
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	8.277	152	41045	20.000	ng/ul	0.00
20) Naphthalene-d8	11.115	136	167166	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.916	164	120410	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.659	188	291085	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.982	240	279454	20.000	ng/ul	# 0.00
88) Perylene-d12	25.478	264	283344	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.607	96	6353	6.428	ng/uL	0.00
4) Pyridine-d5	4.030	84	99496	33.319	ng/ul	-0.02
7) Phenol-d5	7.408	99	133899	36.537	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	75891	34.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.802	132	91722	35.986	ng/ul	0.00
15) 4-Methylphenol-d8	8.977	113	103977	36.705	ng/ul	0.00
21) Nitrobenzene-d5	9.447	128	47284	38.581	ng/ul	0.00
24) 2-Nitrophenol-d4	10.181	143	54956	41.019	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.721	165	107013	36.832	ng/ul	0.00
31) 4-Chloroaniline-d4	11.238	131	127471	33.323	ng/ul	0.00
46) Dimethylphthalate-d6	14.305	166	351901	36.513	ng/ul	0.00
49) Acenaphthylene-d8	14.610	160	428168	35.772	ng/ul	0.00
54) 4-Nitrophenol-d4	15.080	143	60155	38.382	ng/ul	0.00
60) Fluorene-d10	15.902	176	303985	35.205	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	65145	42.955	ng/ul	0.00
73) Anthracene-d10	17.759	188	492765	35.487	ng/ul	0.00
81) Pyrene-d10	20.032	212	618127	36.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.243	264	575982	38.634	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.637	88	14263	13.828	ng/uL	98
5) Pyridine	4.054	79	100790	33.645	ng/ul	96
6) Benzaldehyde	7.396	77	83628	36.575	ng/ul	94
8) Phenol	7.437	94	126162	34.621	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.678	93	92970	33.442	ng/ul	94
12) 2-Chlorophenol	7.837	128	93535	35.775	ng/ul	94
13) 2-Methylphenol	8.706	108	96925	35.252	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.806	45	127844	33.902	ng/ul#	95
16) Acetophenone	9.106	105	150489	33.820	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.088	70	89468	33.509	ng/ul	95
18) 4-Methylphenol	9.041	108	101343	34.972	ng/ul	99
19) Hexachloroethane	9.382	117	36666	32.140	ng/ul#	76
22) Nitrobenzene	9.493	77	129991	36.465	ng/ul	99
23) Isophorone	10.022	82	250805	35.045	ng/ul	99
25) 2-Nitrophenol	10.216	139	55222	38.560	ng/ul	95
26) 2,4-Dimethylphenol	10.257	107	114179	33.091	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.498	93	130806	34.421	ng/ul	96
29) 2,4-Dichlorophenol	10.751	162	99433	35.969	ng/ul	96
30) Naphthalene	11.168	128	301875	33.519	ng/ul	98
32) 4-Chloroaniline	11.262	127	126760	32.451	ng/ul	99
33) Hexachlorobutadiene	11.461	225	79007	33.664	ng/ul	98
34) Caprolactam	12.019	113	37760m	45.116	ng/ul	
35) 4-Chloro-3-methylphenol	12.366	107	113671	36.698	ng/ul	90

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.760	142	220680	34.346	ng/ul	99
37) 1-Methylnaphthalene	12.977	142	225685	33.829	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.118	216	146056	34.873	ng/ul	99
40) Hexachlorocyclopentadiene	13.106	237	94508	31.078	ng/ul	96
41) 2,4,6-Trichlorophenol	13.347	196	97739	38.550	ng/ul	98
42) 2,4,5-Trichlorophenol	13.423	196	107195	40.341	ng/ul	97
43) 1,1'-Biphenyl	13.752	154	317758	34.451	ng/ul#	95
44) 2-Chloronaphthalene	13.799	162	251030	35.204	ng/ul	99
45) 2-Nitroaniline	13.982	65	87142	40.003	ng/ul	95
47) Dimethylphthalate	14.352	163	334010	35.698	ng/ul	99
48) 2,6-Dinitrotoluene	14.469	165	71418	39.928	ng/ul	94
50) Acenaphthylene	14.639	152	401938	34.322	ng/ul	97
51) 3-Nitroaniline	14.798	138	64725	37.843	ng/ul	93
52) Acenaphthene	14.980	153	271261	35.062	ng/ul	95
53) 2,4-Dinitrophenol	15.004	184	41845	40.470	ng/ul#	79
55) 4-Nitrophenol	15.092	109	61021	36.290	ng/ul	82
56) Dibenzofuran	15.309	168	390520	34.275	ng/ul	97
57) 2,4-Dinitrotoluene	15.256	165	103706	40.907	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.527	232	99614	39.446	ng/ul#	87
59) Diethylphthalate	15.714	149	339061	34.786	ng/ul	96
61) Fluorene	15.961	166	317768	33.848	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.944	204	184945	35.369	ng/ul	92
63) 4-Nitroaniline	15.961	138	65516	37.350	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.020	198	60046	40.316	ng/ul#	99
67) N-Nitrosodiphenylamine	16.155	169	286453	36.587	ng/ul	94
68) 4-Bromophenyl-phenylether	16.837	248	123978	41.822	ng/ul#	88
69) Hexachlorobenzene	16.966	284	135210	36.296	ng/ul#	90
70) Atrazine	17.095	200	125600	35.751	ng/ul	97
71) Pentachlorophenol	17.301	266	86721	37.995	ng/ul	95
72) Phenanthrene	17.706	178	527231	35.215	ng/ul	98
74) Anthracene	17.794	178	514869	34.041	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.723	216	154547	34.511	ng/uL	98
76) Pentachlorobenzene	15.233	250	154227	36.027	ng/uL	99
77) Carbazole	18.052	167	480633	35.487	ng/ul	97
78) Di-n-butylphthalate	18.605	149	575512	35.308	ng/ul	100
80) Fluoranthene	19.703	202	694733	35.986	ng/ul#	89
82) Pyrene	20.062	202	662061	34.653	ng/ul#	89
83) Butylbenzylphthalate	20.937	149	240155	37.482	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.859	252	234406	35.591	ng/ul#	97
85) Benzo(a)anthracene	21.959	228	660729	36.341	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.853	149	342814	38.197	ng/ul#	98
87) Chrysene	22.035	228	629317	35.828	ng/ul	99
89) Di-n-octyl phthalate	23.163	149	573262	37.563	ng/ul	100
90) Benzo(b)fluoranthene	24.362	252	695984	36.671	ng/ul#	94
91) Benzo(k)fluoranthene	24.438	252	654412	36.821	ng/ul#	96
93) Benzo(a)pyrene	25.319	252	646646	36.102	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.519	276	754425	38.580	ng/ul#	87
95) Dibenzo(a,h)anthracene	29.590	278	619638	37.100	ng/ul#	93
96) Benzo(g,h,i)perylene	30.776	276	629919m	38.013	ng/ul	

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

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