Quantitation Report (Qedit)

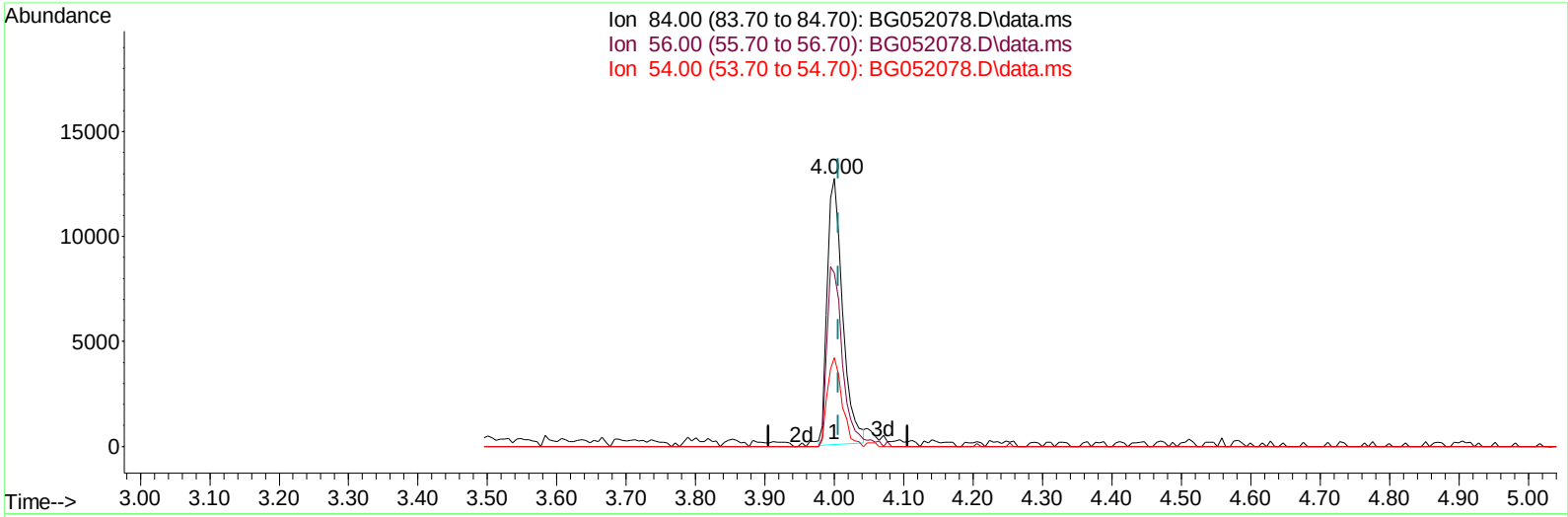
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052078.D
Acq On : 19 Jan 2022 17:56
Operator : CG/JU
Sample : N1129-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

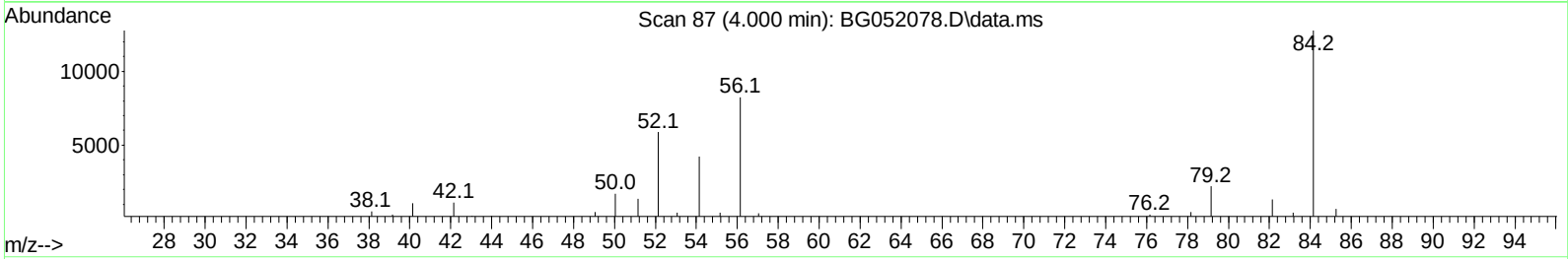
Quant Time: Jan 20 00:01:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

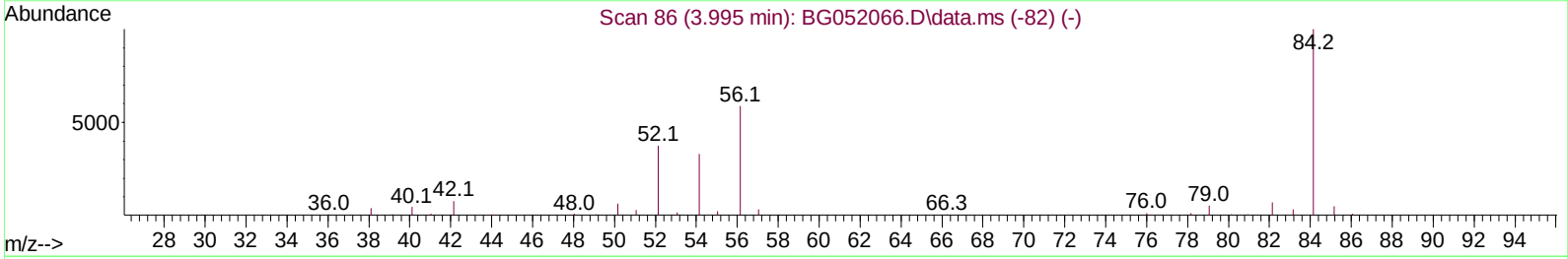
Instrument :
BNA_G
ClientSampleId :
DBLZ8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022







TIC: BG052078.D\data.ms

(4) Pyridine-d5 (S)

4.000min (-0.005) 8.87 ng/ul

response 19457

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	64.67
54.00	31.50	33.20
0.00	0.00	0.00

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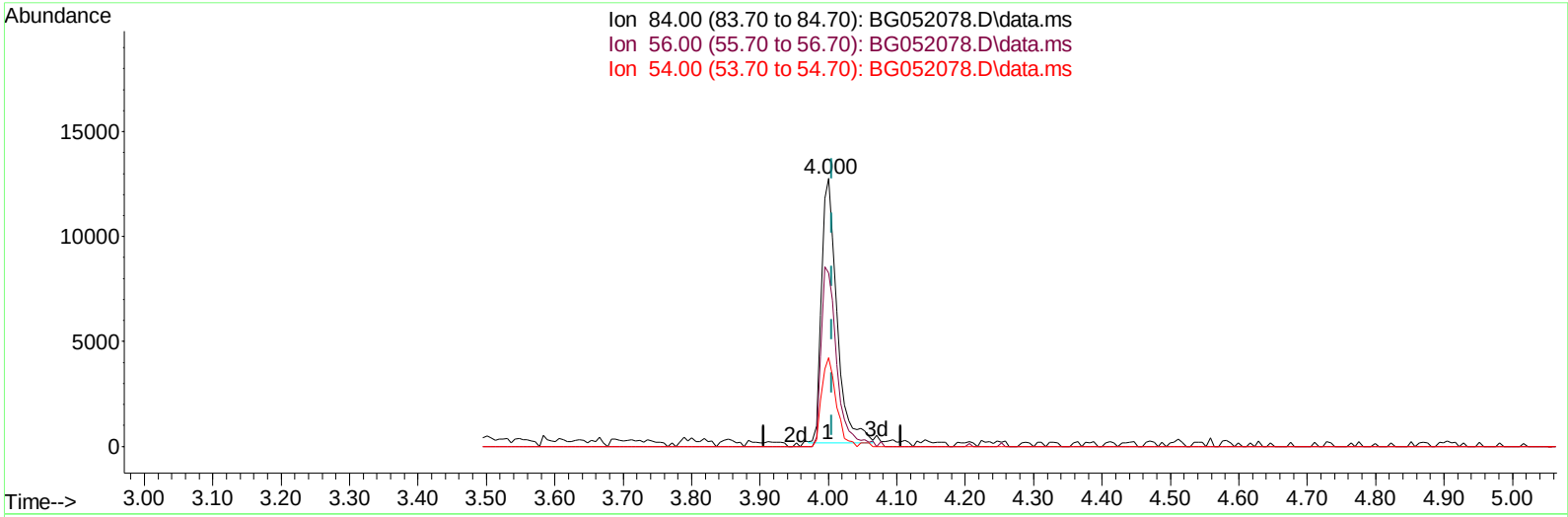

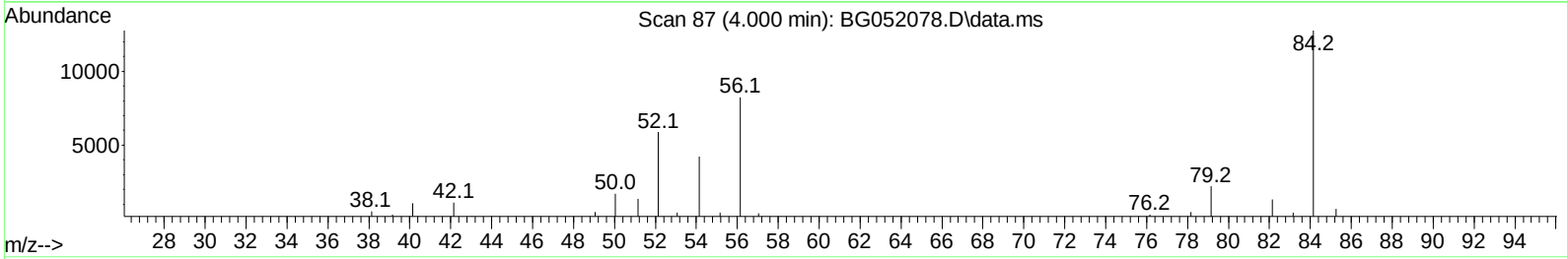

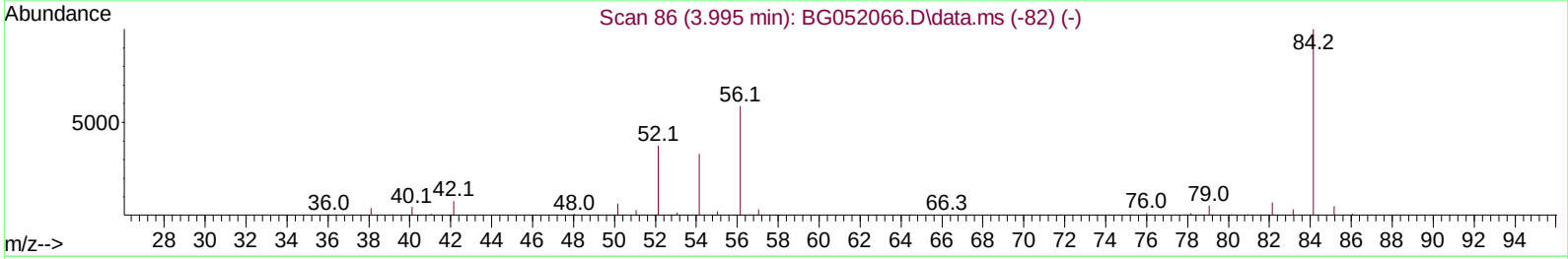

TIC: BG052078.D\data.ms

(4) Pyridine-d5 (S)

4.000min (-0.005) 9.09 ng/ul m

response 19921

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	64.67
54.00	31.50	33.20
0.00	0.00	0.00

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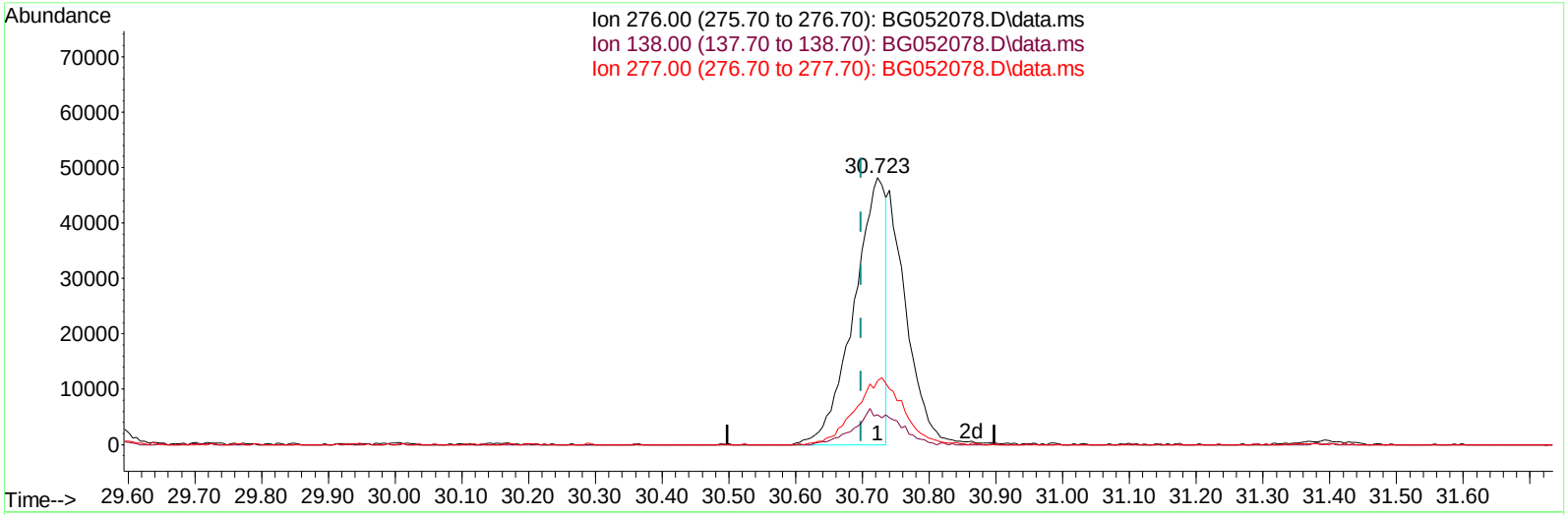

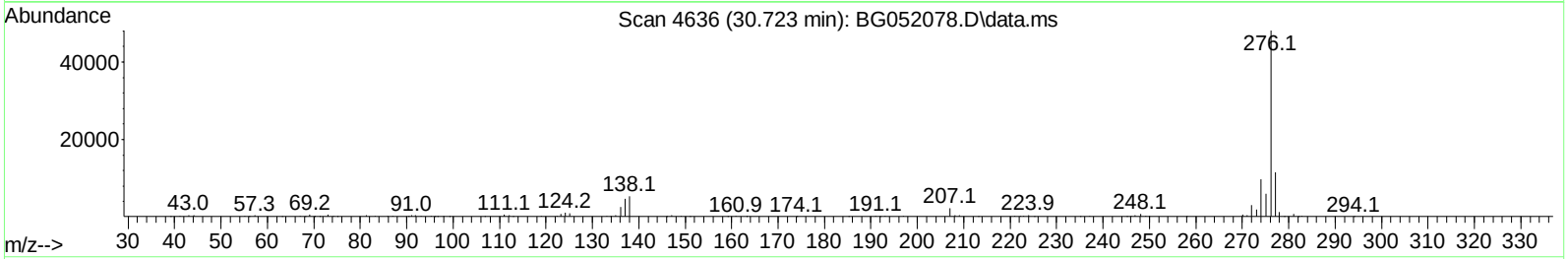

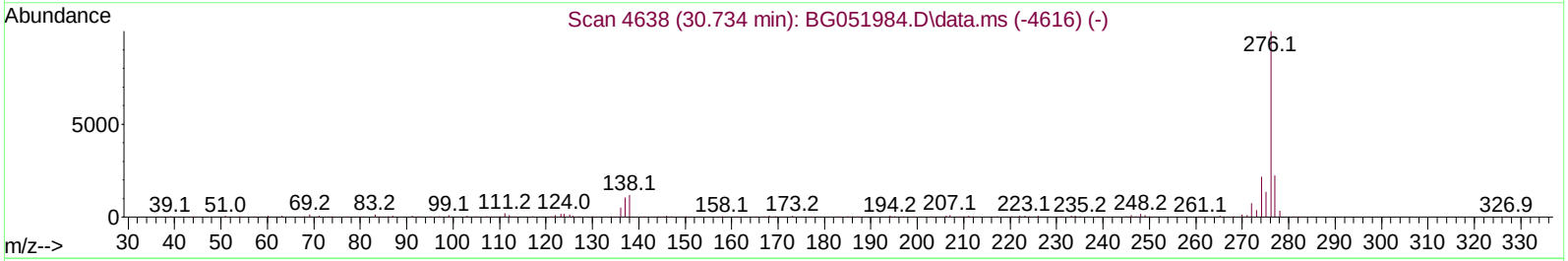

TIC: BG052078.D\data.ms

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

30.723min (+ 0.024) 15.17 ng/ul

response 158884

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	11.20#
277.00	22.00	24.03
0.00	0.00	0.00

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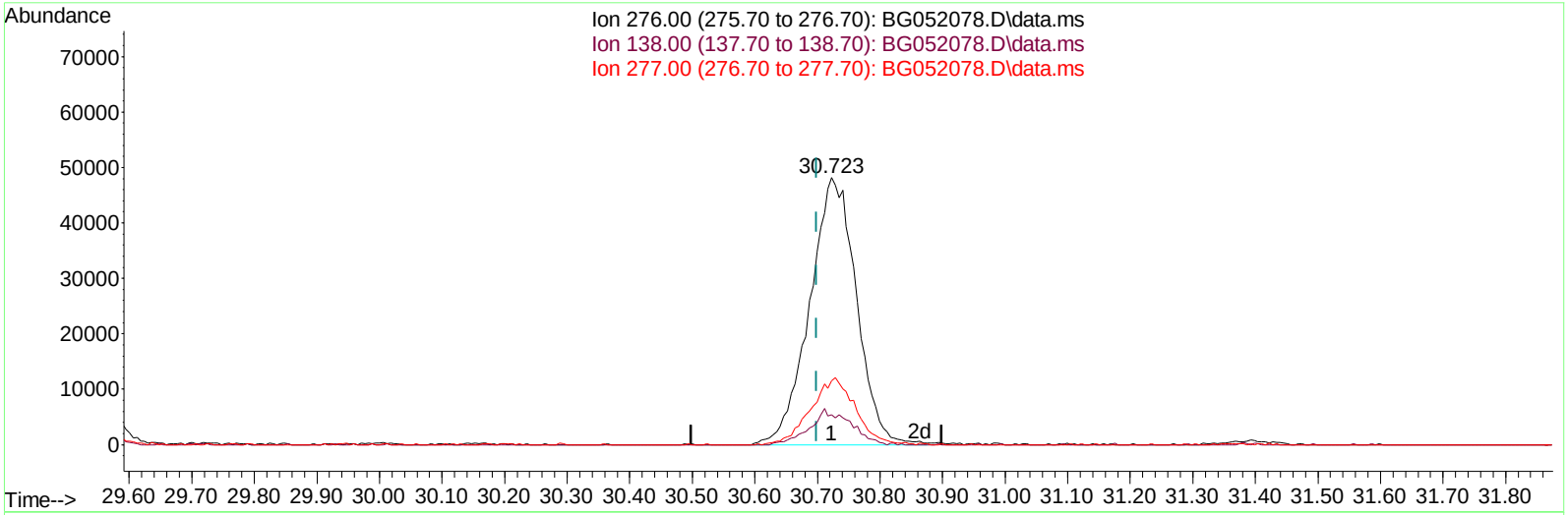

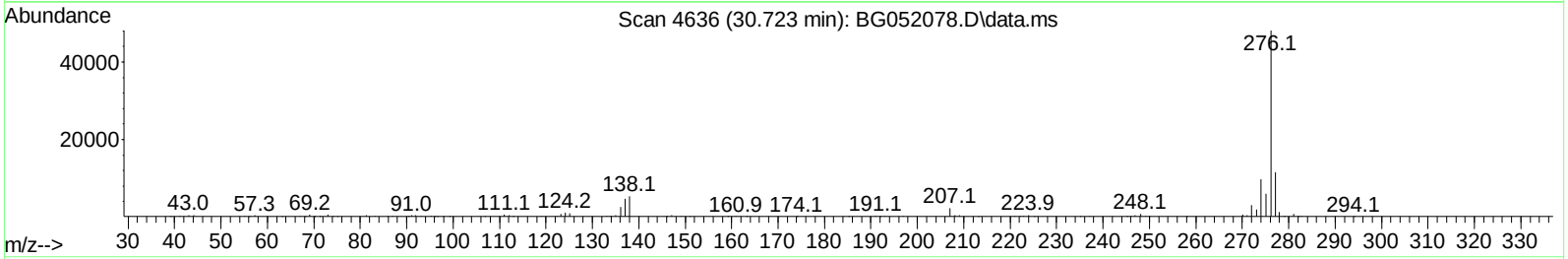

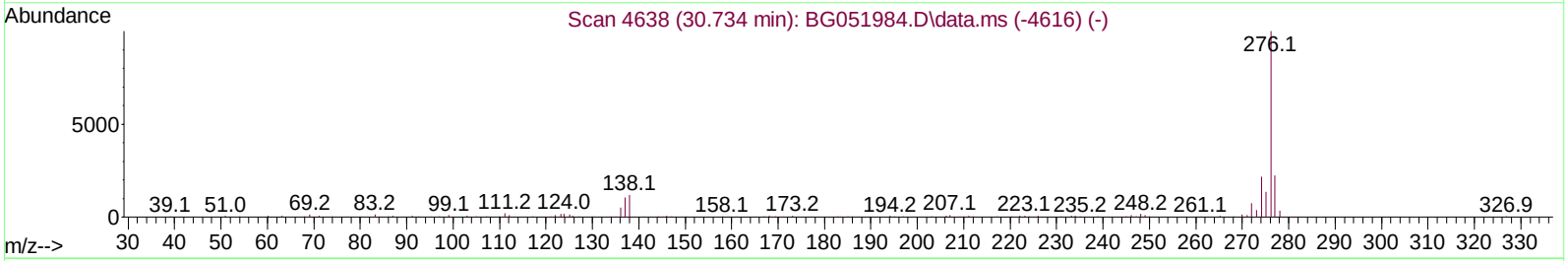

TIC: BG052078.D\data.ms

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

30.723min (+ 0.024) 23.87 ng/ul m

response 250104

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	11.20#
277.00	22.00	24.03
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	25201	20.000	ng/ul	0.00
20) Naphthalene-d8	11.085	136	107697	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.891	164	80118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.641	188	189148	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	170043	20.000	ng/ul	# 0.00
88) Perylene-d12	25.448	264	173546	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	1927	2.732	ng/uL	0.00
4) Pyridine-d5	4.000	84	19921m	9.087	ng/ul	0.00
7) Phenol-d5	7.384	99	45332	18.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	28507	18.207	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.772	132	33897	20.757	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	30407	15.859	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	18324	21.532	ng/ul	0.00
24) 2-Nitrophenol-d4	10.151	143	20365	21.638	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	41588	22.606	ng/ul	0.00
31) 4-Chloroaniline-d4	11.208	131	40668	15.874	ng/ul	0.00
46) Dimethylphthalate-d6	14.275	166	135879	20.518	ng/ul	0.00
49) Acenaphthylene-d8	14.586	160	171259	21.409	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	17422	15.735	ng/ul	0.00
60) Fluorene-d10	15.878	176	124539	21.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	23185	19.430	ng/ul	0.00
73) Anthracene-d10	17.740	188	201846	22.495	ng/ul	0.00
81) Pyrene-d10	20.014	212	239992	24.523	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.207	264	214803	23.511	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.607	88	5248	6.449	ng/uL	90
5) Pyridine	4.018	79	32642	14.211	ng/ul	94
6) Benzaldehyde	7.360	77	30099	18.345	ng/ul	94
8) Phenol	7.413	94	52478	20.845	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.642	93	35247	19.126	ng/ul	94
12) 2-Chlorophenol	7.807	128	36917	22.222	ng/ul	97
13) 2-Methylphenol	8.682	108	36578	19.980	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.776	45	50861	18.094	ng/ul#	97
16) Acetophenone	9.070	105	60997	20.157	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.046	70	36018	19.483	ng/ul	97
18) 4-Methylphenol	9.011	108	41044	20.697	ng/ul	93
19) Hexachloroethane	9.346	117	14732	20.540	ng/ul#	86
22) Nitrobenzene	9.458	77	50714	19.213	ng/ul	98
23) Isophorone	9.986	82	96529	19.343	ng/ul	97
25) 2-Nitrophenol	10.180	139	23860	23.067	ng/ul	96
26) 2,4-Dimethylphenol	10.233	107	33619	14.979	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.462	93	49116	19.116	ng/ul	99
29) 2,4-Dichlorophenol	10.720	162	40375	22.347	ng/ul	98
30) Naphthalene	11.138	128	126485	21.674	ng/ul	99
32) 4-Chloroaniline	11.232	127	47201	18.078	ng/ul	97
33) Hexachlorobutadiene	11.425	225	32564	22.611	ng/ul	98
34) Caprolactam	11.978	113	14516	20.644	ng/ul	90
35) 4-Chloro-3-methylphenol	12.342	107	48212	23.112	ng/ul	98

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Instrument :
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DBLZ8MSD

Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.730	142	92119	22.160	ng/ul	97
37)	1-Methylnaphthalene	12.947	142	95766	22.447	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	13.094	216	61733	22.282	ng/ul	98
40)	Hexachlorocyclopentadiene	13.076	237	17331	9.116	ng/ul#	92
41)	2,4,6-Trichlorophenol	13.329	196	39091	22.323	ng/ul	96
42)	2,4,5-Trichlorophenol	13.405	196	43707	23.153	ng/ul	94
43)	1,1'-Biphenyl	13.722	154	134677	21.774	ng/ul#	93
44)	2-Chloronaphthalene	13.769	162	103571	21.622	ng/ul	99
45)	2-Nitroaniline	13.963	65	37652	20.510	ng/ul	93
47)	Dimethylphthalate	14.327	163	137051	20.988	ng/ul	98
48)	2,6-Dinitrotoluene	14.451	165	30766	22.346	ng/ul#	81
50)	Acenaphthylene	14.615	152	171721	21.800	ng/ul	97
51)	3-Nitroaniline	14.780	138	27556	22.126	ng/ul	98
52)	Acenaphthene	14.950	153	114169	21.798	ng/ul	95
53)	2,4-Dinitrophenol	14.985	184	13541	16.682	ng/ul	86
55)	4-Nitrophenol	15.085	109	25339	19.943	ng/ul	85
56)	Dibenzofuran	15.285	168	164984	21.689	ng/ul	96
57)	2,4-Dinitrotoluene	15.232	165	45138	22.676	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.508	232	38488	21.981	ng/ul#	86
59)	Diethylphthalate	15.684	149	141602	21.019	ng/ul	96
61)	Fluorene	15.937	166	138345	21.826	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.919	204	76494	21.747	ng/ul	94
63)	4-Nitroaniline	15.937	138	27820	21.742	ng/ul	90
66)	4,6-Dinitro-2-methylph...	16.002	198	24664	21.620	ng/ul#	95
67)	N-Nitrosodiphenylamine	16.131	169	123100	24.220	ng/ul	94
68)	4-Bromophenyl-phenylether	16.818	248	53744	24.271	ng/ul#	86
69)	Hexachlorobenzene	16.947	284	61433	25.015	ng/ul#	87
70)	Atrazine	17.071	200	53870	22.846	ng/ul	94
71)	Pentachlorophenol	17.288	266	26358	19.218	ng/ul	93
72)	Phenanthrene	17.682	178	244924	24.712	ng/ul	98
74)	Anthracene	17.776	178	227612	22.942	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.693	216	63508	22.356	ng/uL	97
76)	Pentachlorobenzene	15.209	250	67860	24.544	ng/uL	97
77)	Carbazole	18.034	167	207326	23.192	ng/ul	99
78)	Di-n-butylphthalate	18.580	149	245059	23.190	ng/ul	99
80)	Fluoranthene	19.685	202	318033	28.121	ng/ul#	89
82)	Pyrene	20.043	202	305049	27.396	ng/ul#	88
83)	Butylbenzylphthalate	20.913	149	99254	25.614	ng/ul#	98
84)	3,3'-Dichlorobenzidine	21.835	252	72200	18.394	ng/ul#	95
85)	Benzo(a)anthracene	21.941	228	292270	26.136	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.817	149	144653	25.525	ng/ul#	98
87)	Chrysene	22.011	228	273135	25.365	ng/ul	97
89)	Di-n-octyl phthalate	23.121	149	234916	24.504	ng/ul	100
90)	Benzo(b)fluoranthene	24.331	252	299371	26.030	ng/ul#	95
91)	Benzo(k)fluoranthene	24.408	252	274994	25.860	ng/ul#	97
93)	Benzo(a)pyrene	25.283	252	279159	25.647	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	29.472	276	319915	25.676	ng/ul#	88
95)	Dibenzo(a,h)anthracene	29.542	278	271474	25.759	ng/ul#	94
96)	Benzo(g,h,i)perylene	30.723	276	250104m	23.873	ng/ul	

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

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