Quantitation Report (Qedit)

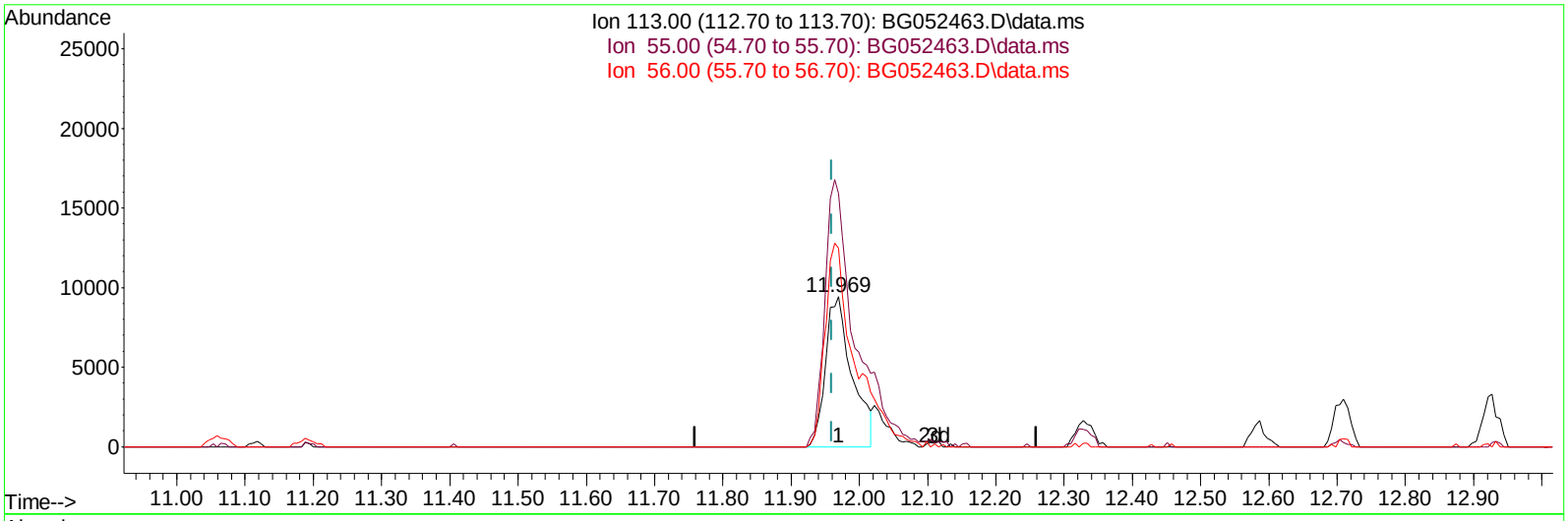
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052463.D
Acq On : 23 Feb 2022 14:25
Operator : CG/JU
Sample : N1622-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

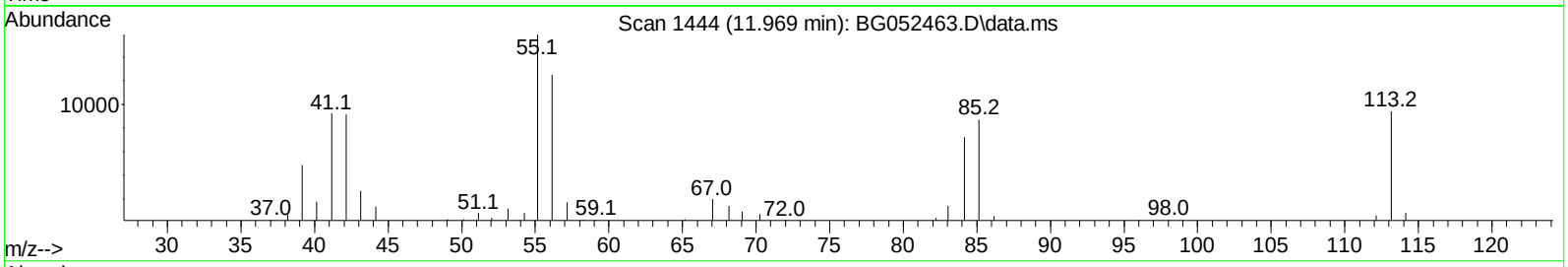
Quant Time: Feb 23 16:19:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

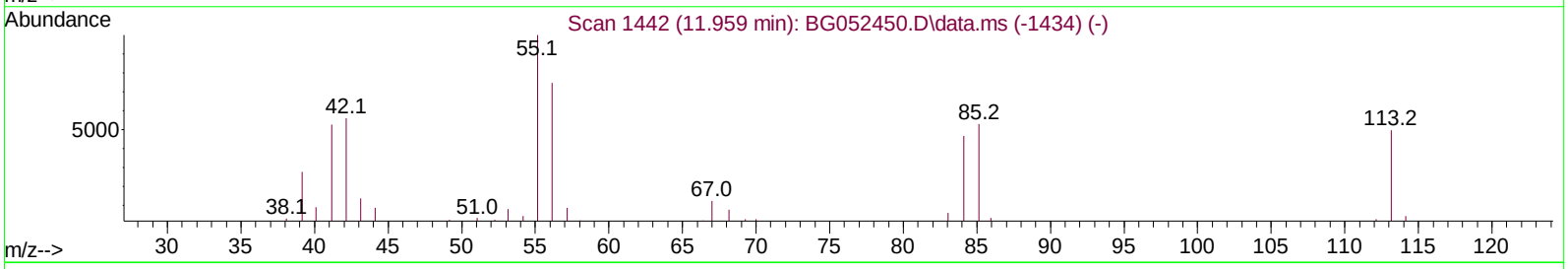
Instrument :
BNA_G
ClientSampleId :
GBD34MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022







TIC: BG052463.D\data.ms

(34) Caprolactam

11.969min (+ 0.010) 36.56 ng/ul

response 25389

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.84
56.00	136.50	132.57
0.00	0.00	0.00

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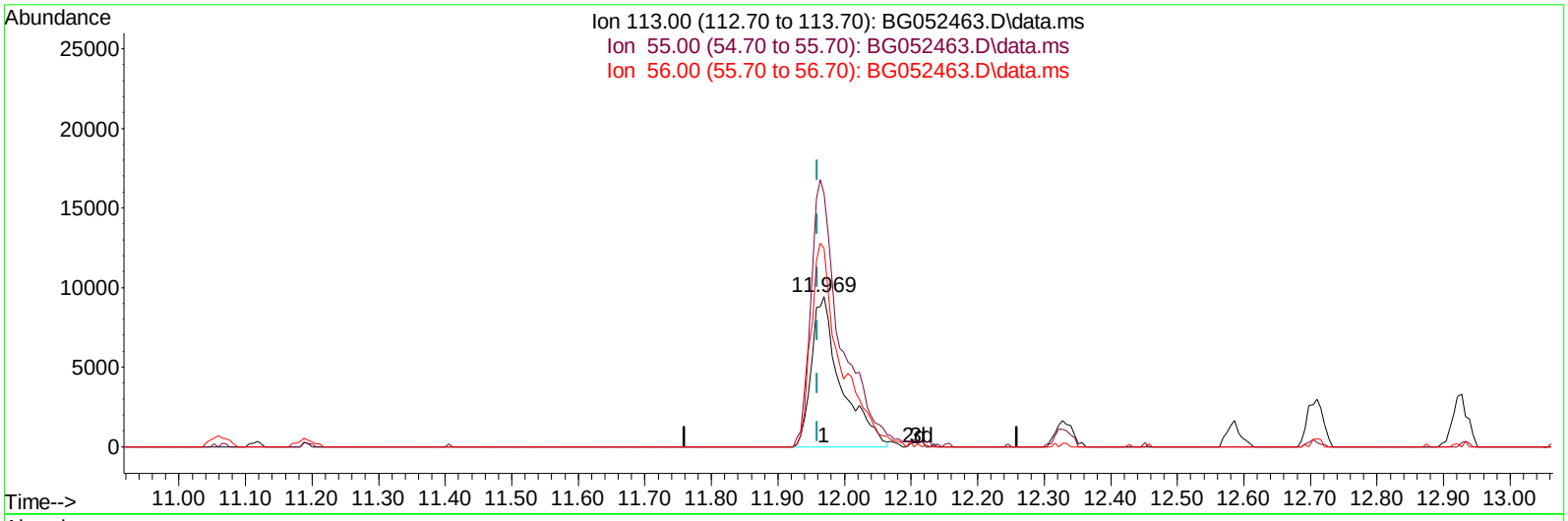

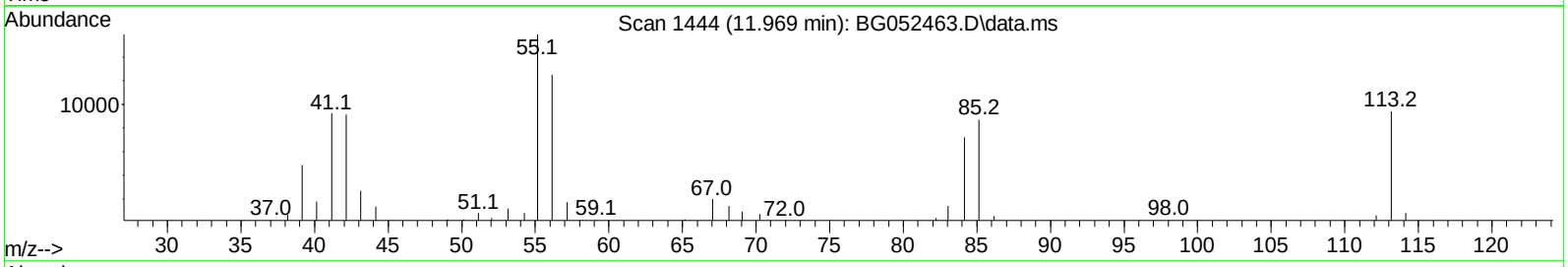

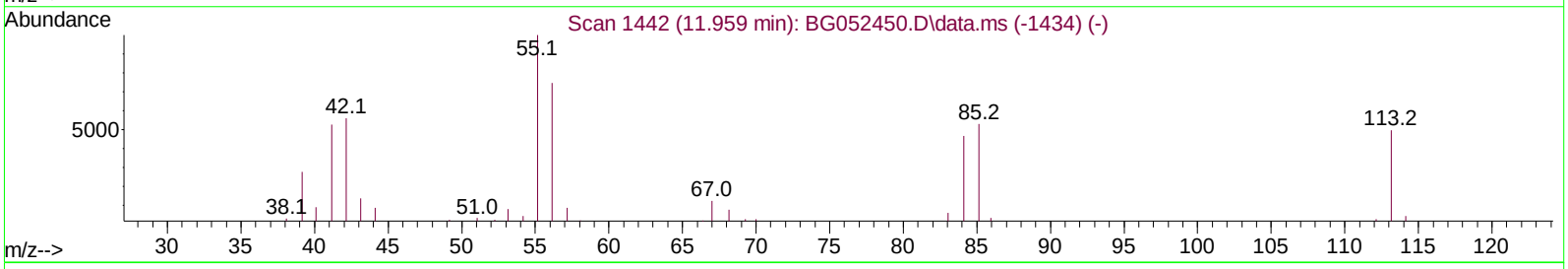

TIC: BG052463.D\data.ms

(34) Caprolactam

11.969min (+ 0.010) 41.81 ng/ul m

response 29036

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.84
56.00	136.50	132.57
0.00	0.00	0.00

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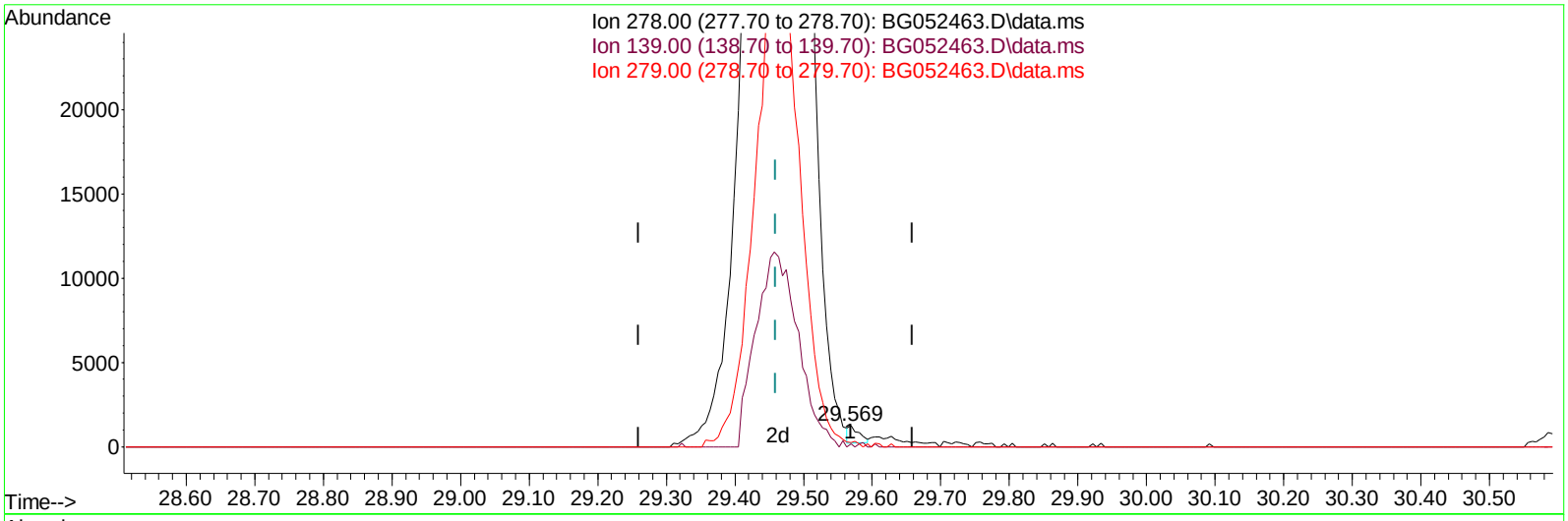

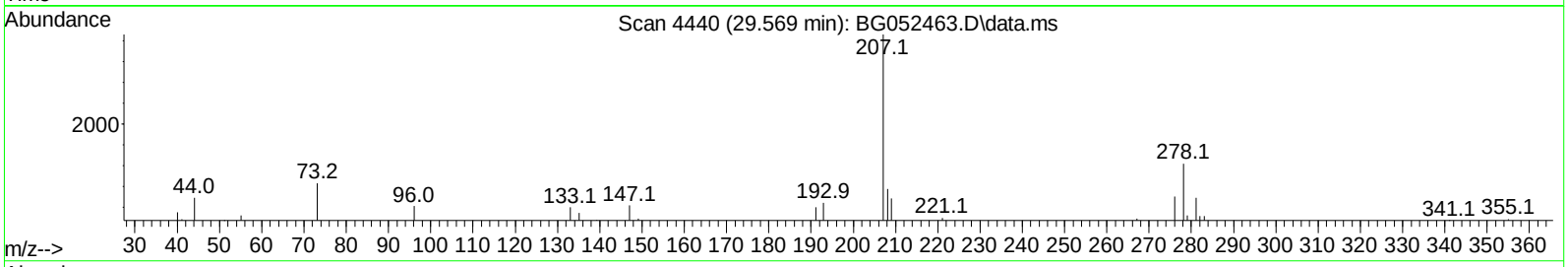

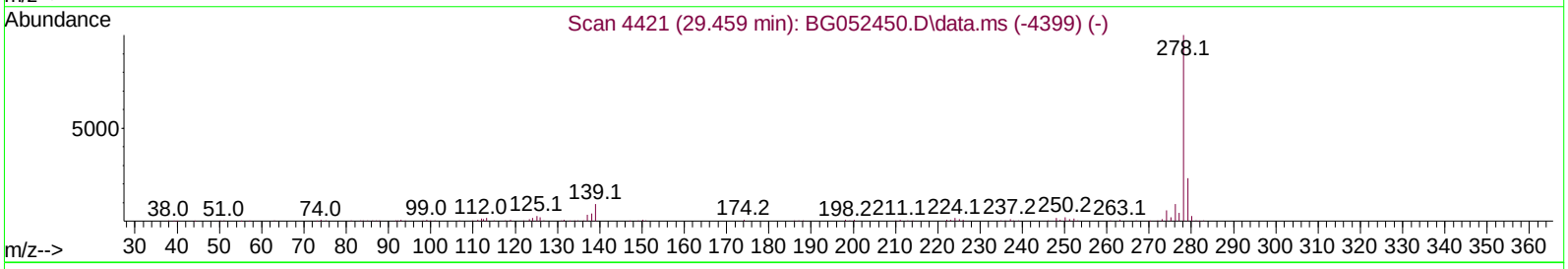

TIC: BG052463.D\data.ms

(95) Dibenzo(a,h)anthracene

29.569min (+ 0.110) 0.08 ng/ul

response 1002

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	13.38
279.00	24.40	20.31
0.00	0.00	0.00

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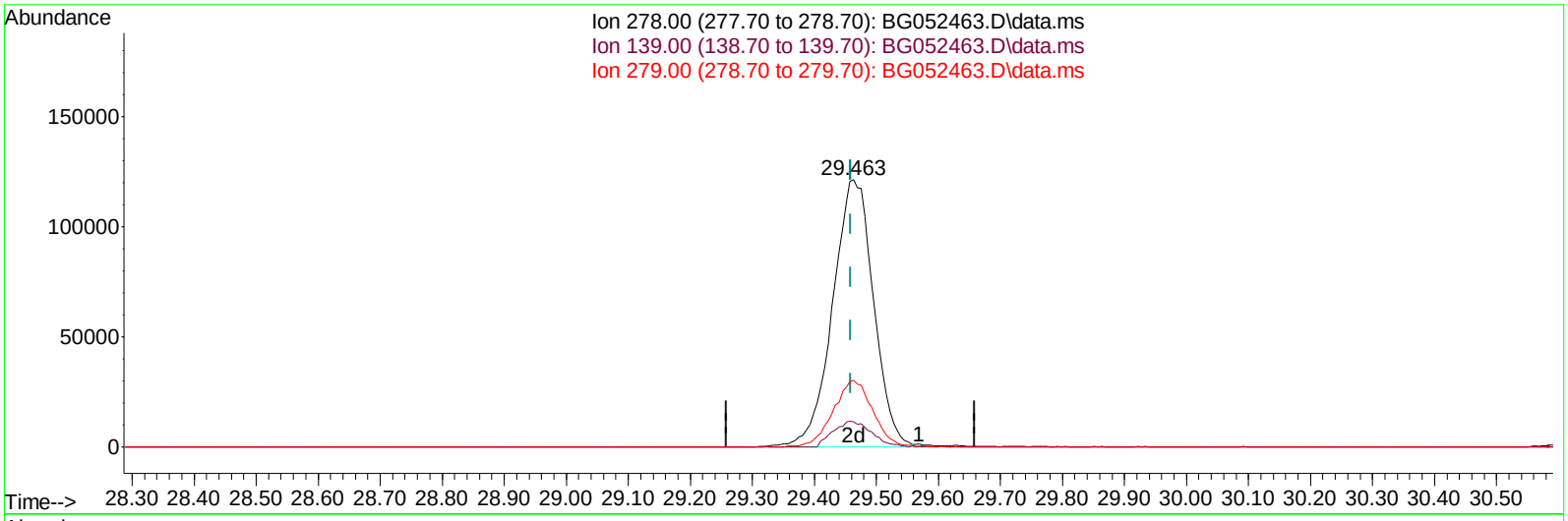

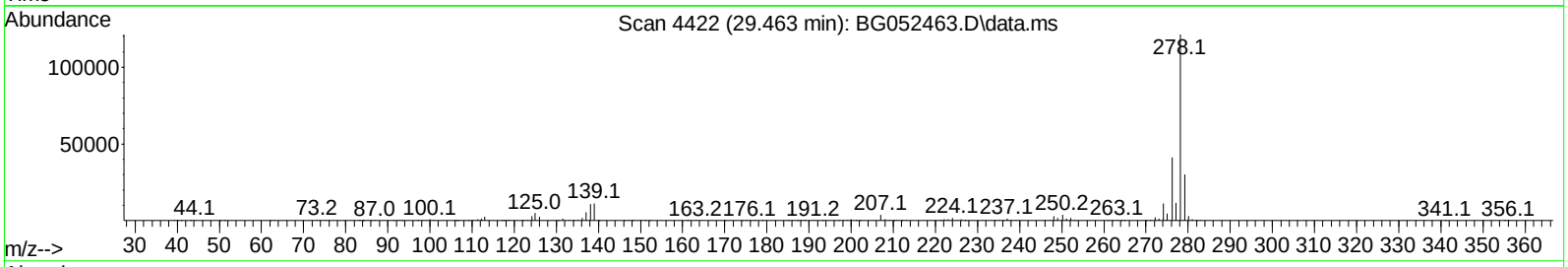

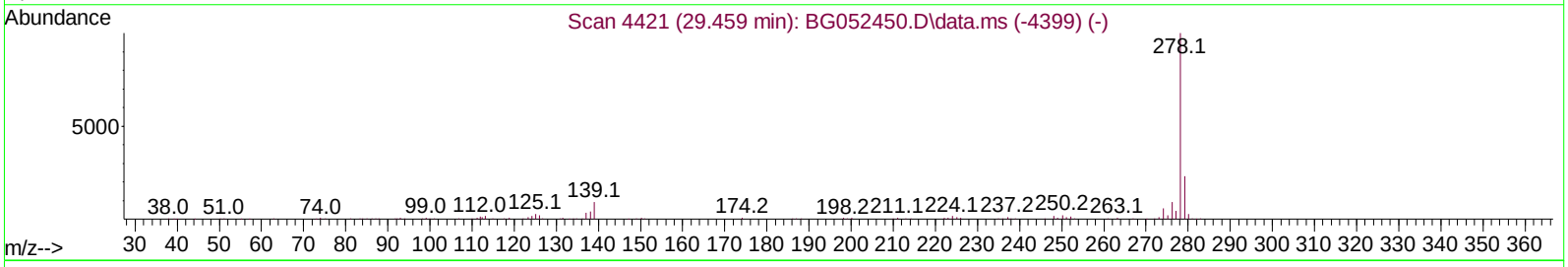

TIC: BG052463.D\data.ms

(95) Dibenzo(a,h)anthracene

29.463min (+ 0.004) 41.96 ng/ul m

response 555492

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.30	9.29#
279.00	24.40	24.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26264	20.000	ng/ul	0.00
20) Naphthalene-d8	11.059	136	113319	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.866	164	82747	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.621	188	203324	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.932	240	198166	20.000	ng/ul	# 0.00
88) Perylene-d12	25.404	264	207946	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	3556	5.311	ng/uL	0.00
4) Pyridine-d5	3.974	84	53039	26.259	ng/ul	0.00
7) Phenol-d5	7.370	99	78566	31.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.528	67	46558	31.989	ng/ul	0.00
11) 2-Chlorophenol-d4	7.752	132	56971	32.569	ng/ul	0.00
15) 4-Methylphenol-d8	8.932	113	63742	32.895	ng/ul	0.00
21) Nitrobenzene-d5	9.396	128	30032	31.088	ng/ul	0.00
24) 2-Nitrophenol-d4	10.131	143	35329	33.388	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	67743	34.331	ng/ul	0.00
31) 4-Chloroaniline-d4	11.188	131	79448	29.054	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	223953	33.293	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	272281	32.789	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	34631	32.385	ng/ul	0.00
60) Fluorene-d10	15.858	176	195813	33.136	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	41041	31.834	ng/ul	0.00
73) Anthracene-d10	17.720	188	315730	32.143	ng/ul	0.00
81) Pyrene-d10	20.000	212	387890	33.451	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.163	264	376028	33.706	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	11639	14.942	ng/uL	100
5) Pyridine	3.992	79	76178	37.356	ng/ul	94
6) Benzaldehyde	7.346	77	59705	42.216	ng/ul	93
8) Phenol	7.399	94	107967	42.863	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.622	93	76930	41.291	ng/ul	93
12) 2-Chlorophenol	7.787	128	76071	41.742	ng/ul	88
13) 2-Methylphenol	8.662	108	78790	41.322	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.744	45	102336	40.133	ng/ul	97
16) Acetophenone	9.050	105	124177	41.594	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.032	70	72500	41.250	ng/ul	98
18) 4-Methylphenol	8.997	108	85424	42.127	ng/ul	100
19) Hexachloroethane	9.326	117	29727	41.720	ng/ul	87
22) Nitrobenzene	9.438	77	101499	40.985	ng/ul#	95
23) Isophorone	9.966	82	203172	42.526	ng/ul	97
25) 2-Nitrophenol	10.160	139	48515	43.630	ng/ul	98
26) 2,4-Dimethylphenol	10.213	107	96616	42.244	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.442	93	109435	42.322	ng/ul	98
29) 2,4-Dichlorophenol	10.706	162	80178	42.951	ng/ul	98
30) Naphthalene	11.112	128	255281	40.492	ng/ul	99
32) 4-Chloroaniline	11.212	127	96389	34.361	ng/ul	97
33) Hexachlorobutadiene	11.400	225	59706	40.535	ng/ul	98
34) Caprolactam	11.969	113	29036m	41.811	ng/ul	
35) 4-Chloro-3-methylphenol	12.328	107	94342	45.249	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	12.710	142	186038	41.182 ng/ul	99
37)	1-Methylnaphthalene	12.927	142	189429	41.205 ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.074	216	117996	40.632 ng/ul	97
40)	Hexachlorocyclopentadiene	13.056	237	53856	38.310 ng/ul	96
41)	2,4,6-Trichlorophenol	13.309	196	73973	42.474 ng/ul	96
42)	2,4,5-Trichlorophenol	13.385	196	79878	43.030 ng/ul	97
43)	1,1'-Biphenyl	13.702	154	263903	40.110 ng/ul#	93
44)	2-Chloronaphthalene	13.749	162	204203	40.811 ng/ul	99
45)	2-Nitroaniline	13.943	65	71862	43.973 ng/ul	94
47)	Dimethylphthalate	14.307	163	272958	41.511 ng/ul	99
48)	2,6-Dinitrotoluene	14.431	165	60914	42.302 ng/ul#	85
50)	Acenaphthylene	14.595	152	337649	40.689 ng/ul	97
51)	3-Nitroaniline	14.766	138	55130	47.012 ng/ul	97
52)	Acenaphthene	14.930	153	220934	40.483 ng/ul	95
53)	2,4-Dinitrophenol	14.971	184	30471	42.794 ng/ul#	83
55)	4-Nitrophenol	15.071	109	43730	42.166 ng/ul	86
56)	Dibenzofuran	15.265	168	321139	40.934 ng/ul	98
57)	2,4-Dinitrotoluene	15.218	165	87878	42.131 ng/ul#	87
58)	2,3,4,6-Tetrachlorophenol	15.494	232	72683	43.201 ng/ul#	87
59)	Diethylphthalate	15.664	149	279804	42.095 ng/ul	97
61)	Fluorene	15.911	166	269227	40.796 ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.899	204	146319	40.740 ng/ul	93
63)	4-Nitroaniline	15.923	138	60038	53.323 ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.988	198	53454	42.782 ng/ul#	93
67)	N-Nitrosodiphenylamine	16.111	169	237879	41.524 ng/ul	95
68)	4-Bromophenyl-phenylether	16.792	248	100836	41.320 ng/ul#	87
69)	Hexachlorobenzene	16.927	284	114670	40.952 ng/ul#	86
70)	Atrazine	17.051	200	93798	37.151 ng/ul	97
71)	Pentachlorophenol	17.268	266	54394	43.129 ng/ul	95
72)	Phenanthrene	17.662	178	440543	40.229 ng/ul	98
74)	Anthracene	17.756	178	439093	39.839 ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.673	216	122617	38.123 ng/uL	98
76)	Pentachlorobenzene	15.189	250	127415	41.493 ng/uL	100
77)	Carbazole	18.020	167	406541	41.529 ng/ul	97
78)	Di-n-butylphthalate	18.561	149	479271	41.166 ng/ul	98
80)	Fluoranthene	19.665	202	563754	41.179 ng/ul#	91
82)	Pyrene	20.029	202	551122	40.539 ng/ul#	89
83)	Butylbenzylphthalate	20.893	149	211163	42.966 ng/ul#	90
84)	3,3'-Dichlorobenzidine	21.815	252	186480	42.600 ng/ul#	98
85)	Benzo(a)anthracene	21.915	228	558939	41.626 ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.786	149	303191	44.012 ng/ul#	98
87)	Chrysene	21.985	228	531647	41.299 ng/ul	98
89)	Di-n-octyl phthalate	23.078	149	498261	41.437 ng/ul	100
90)	Benzo(b)fluoranthene	24.294	252	602526	41.559 ng/ul#	96
91)	Benzo(k)fluoranthene	24.364	252	545159	40.766 ng/ul#	97
93)	Benzo(a)pyrene	25.240	252	563418	41.309 ng/ul#	94
94)	Indeno(1,2,3-cd)pyrene	29.405	276	657894	42.420 ng/ul#	92
95)	Dibenzo(a,h)anthracene	29.463	278	555492m	41.958 ng/ul	
96)	Benzo(g,h,i)perylene	30.650	276	553306	42.491 ng/ul#	89

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

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