Quantitation Report (Qedit)

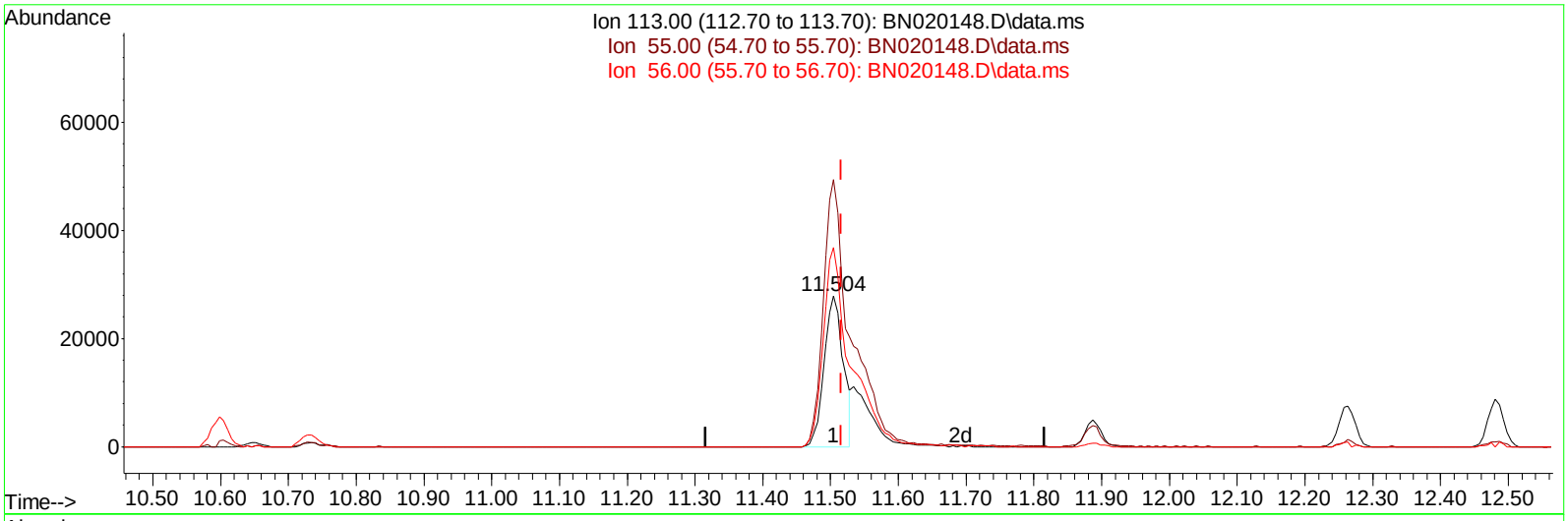
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061322\
Data File : BN020148.D
Acq On : 13 Jun 2022 14:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

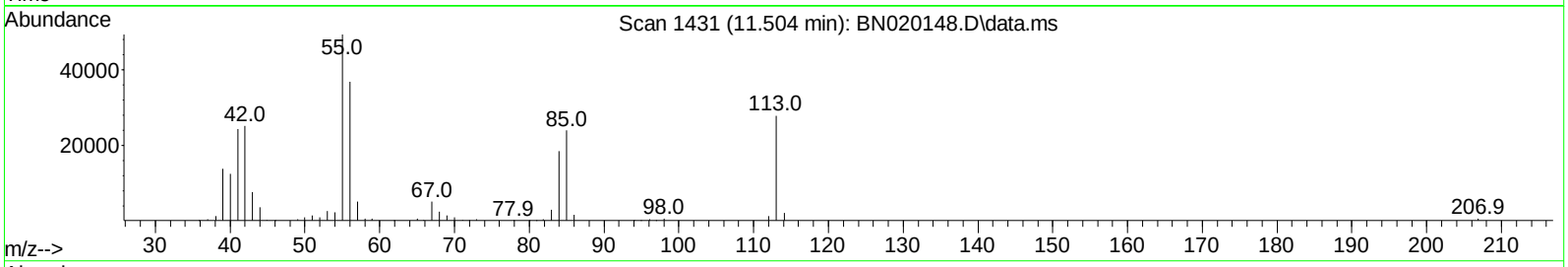
Quant Time: Jun 14 01:04:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

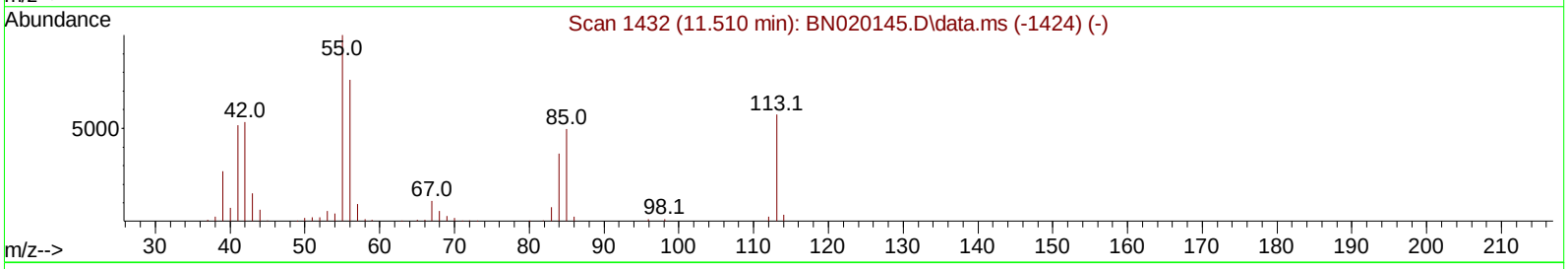
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/14/2022
Supervised By :Yogesh Patel 06/17/2022







TIC: BN020148.D\data.ms

(34) Caprolactam

11.504min (-0.012) 12.96 ng/ul

response 54933

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	176.91
56.00	133.10	132.12
0.00	0.00	0.00

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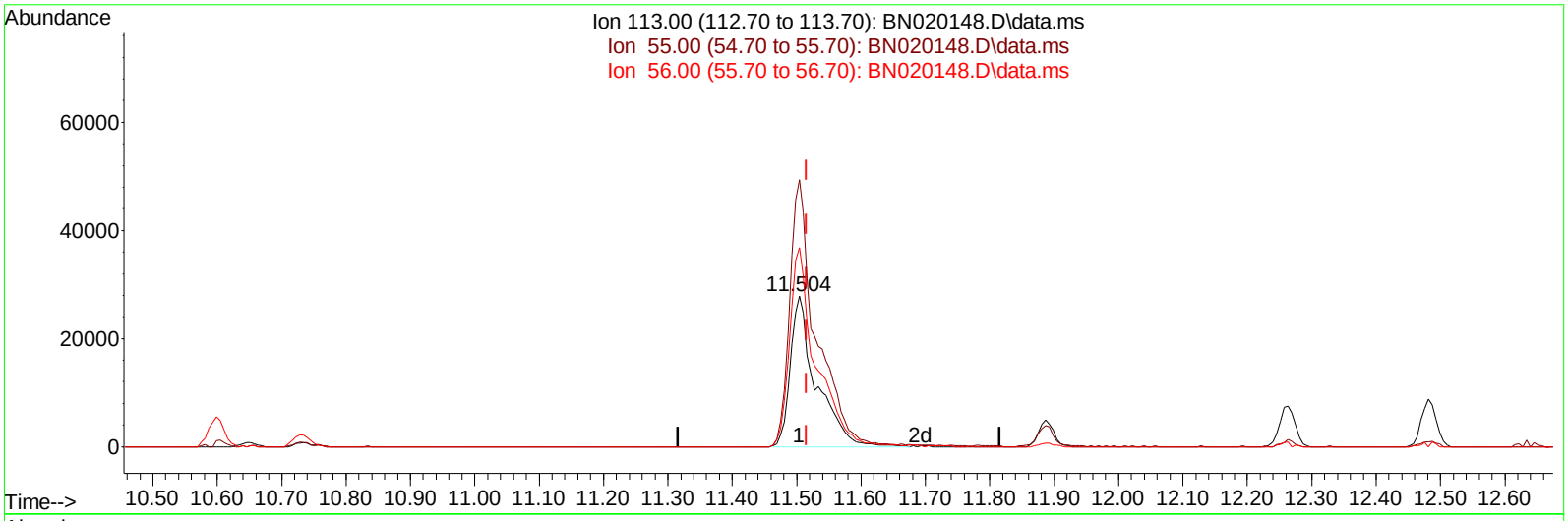

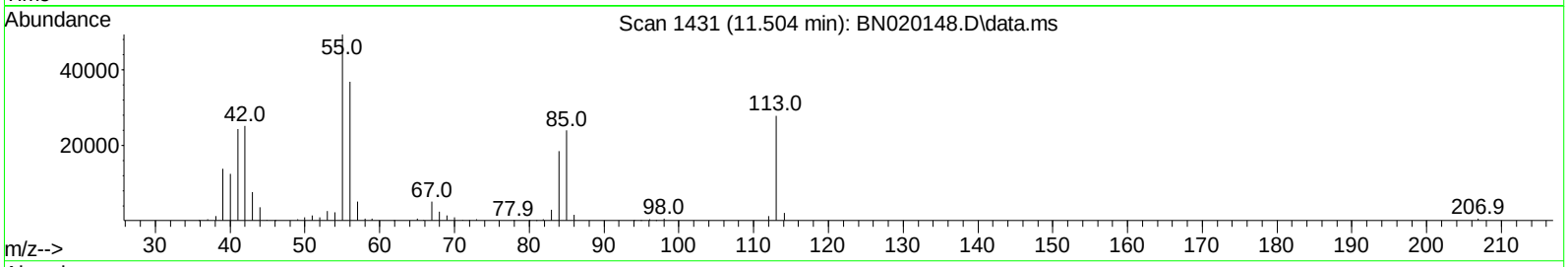

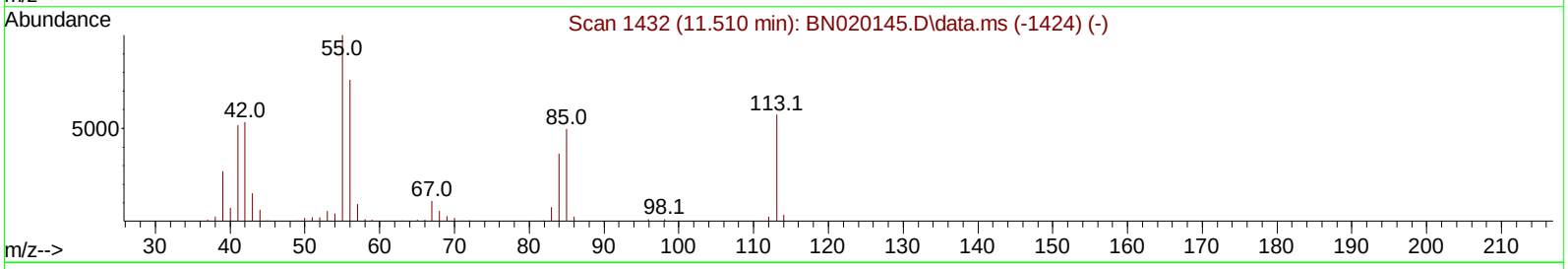

TIC: BN020148.D\data.ms

(34) Caprolactam

11.504min (-0.012) 18.44 ng/ul m

response 78160

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	176.91
56.00	133.10	132.12
0.00	0.00	0.00

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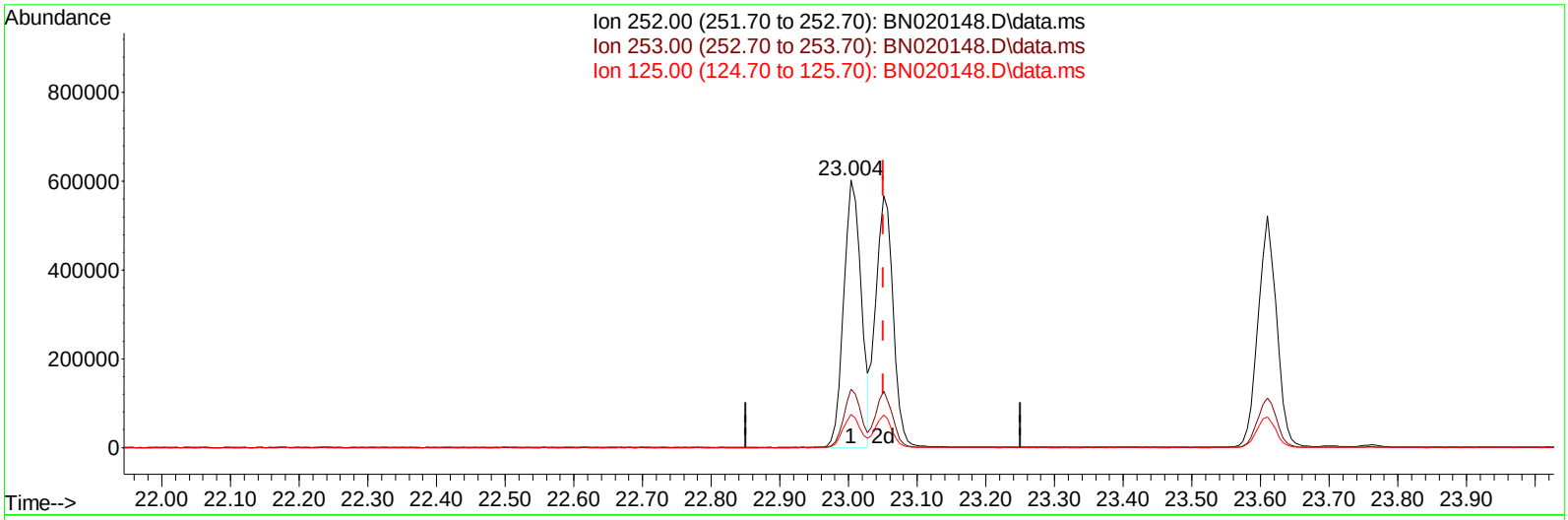

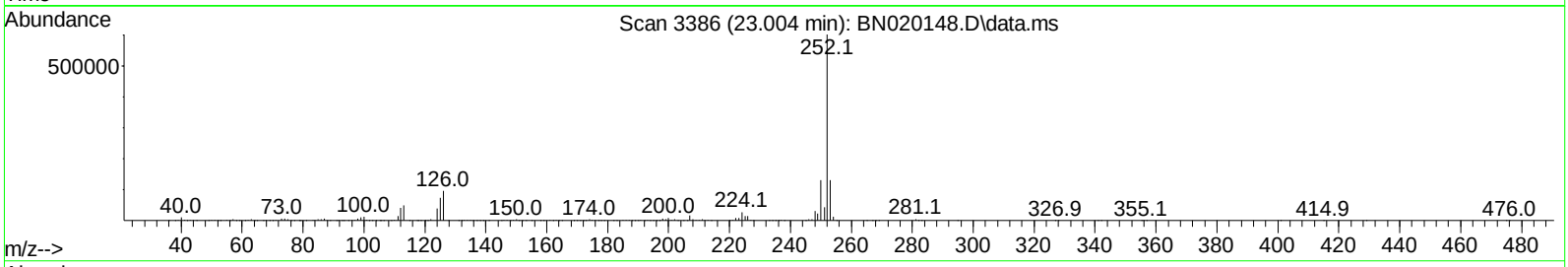

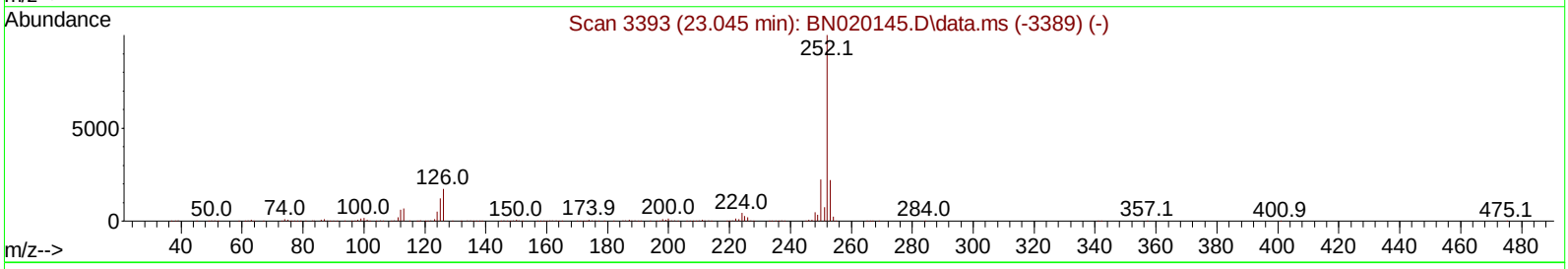

TIC: BN020148.D\data.ms

(91) Benzo(k)fluoranthene

23.004min (-0.047) 22.11 ng/ul

response 1061882

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	21.80
125.00	10.30	12.29
0.00	0.00	0.00

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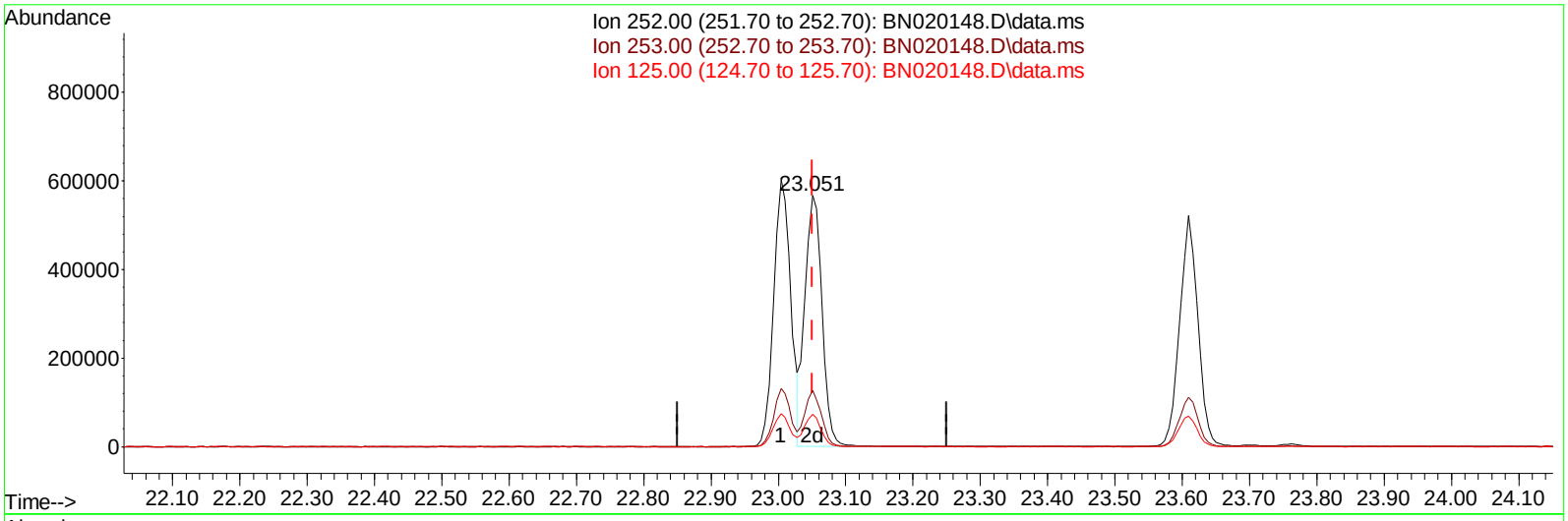

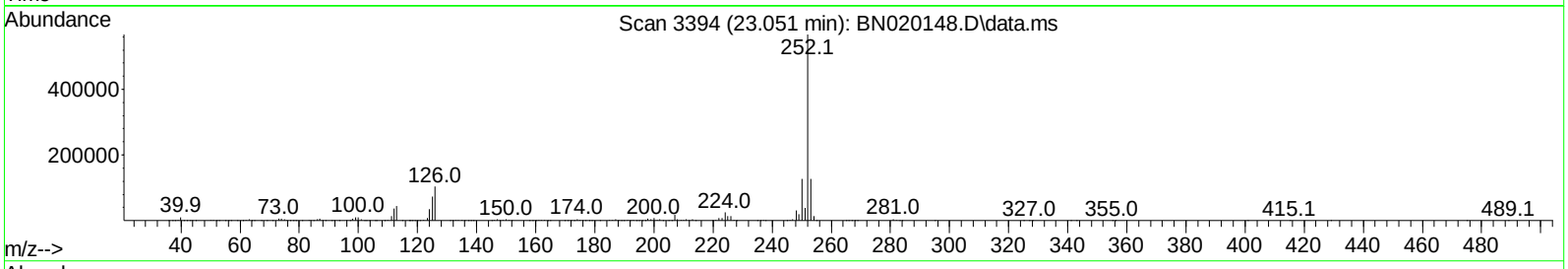

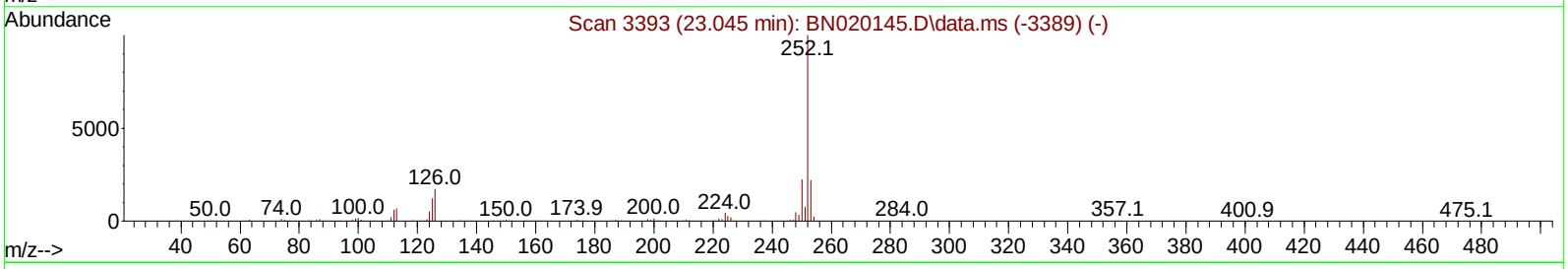

TIC: BN020148.D\data.ms

(91) Benzo(k)fluoranthene

23.051min (+ 0.000) 20.91 ng/ul m

response 1003975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	22.54
125.00	10.30	12.90#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/14/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	157675	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.599	136	744643	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.439	164	476917	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	977811	20.000	ng/ul	-0.01
79) Chrysene-d12	21.380	240	866923	20.000	ng/ul	# 0.00
88) Perylene-d12	23.710	264	803754	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	29889	8.210	ng/uL	-0.01
4) Pyridine-d5	3.675	84	208193	20.924	ng/ul	-0.01
7) Phenol-d5	6.975	99	266167	20.400	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.140	67	170126	20.870	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	219037	20.662	ng/ul	-0.02
15) 4-Methylphenol-d8	8.516	113	227808	20.181	ng/ul	-0.01
21) Nitrobenzene-d5	8.957	128	114337	20.183	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.681	143	123864	20.602	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.222	165	217118	20.686	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.734	131	338713	19.928	ng/ul	-0.01
46) Dimethylphthalate-d6	13.851	166	683869	19.707	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	818937	20.350	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.634	143	121008	17.402	ng/ul	-0.01
60) Fluorene-d10	15.434	176	574111	19.993	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	103096	18.202	ng/ul	-0.01
73) Anthracene-d10	17.281	188	872100	20.436	ng/ul	-0.01
81) Pyrene-d10	19.580	212	976297	20.773	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	800281	20.350	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	31325	8.151	ng/uL	95
5) Pyridine	3.699	79	218488	20.946	ng/ul	96
6) Benzaldehyde	6.946	77	151012	24.564	ng/ul	95
8) Phenol	6.999	94	286359	20.612	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	224304	20.628	ng/ul	96
12) 2-Chlorophenol	7.369	128	231494	20.891	ng/ul	99
13) 2-Methylphenol	8.252	108	217822	20.394	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	348527	20.440	ng/ul	97
16) Acetophenone	8.622	105	363724	21.188	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	182109	20.767	ng/ul	95
18) 4-Methylphenol	8.575	108	248584	21.088	ng/ul	98
19) Hexachloroethane	8.887	117	89636	20.104	ng/ul	87
22) Nitrobenzene	8.999	77	264669	20.150	ng/ul	96
23) Isophorone	9.528	82	508754	19.617	ng/ul	98
25) 2-Nitrophenol	9.716	139	136880	20.604	ng/ul	94
26) 2,4-Dimethylphenol	9.775	107	275888	20.045	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.010	93	316856	19.964	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	221198	20.374	ng/ul	98
30) Naphthalene	10.646	128	776131	20.111	ng/ul	100
32) 4-Chloroaniline	10.757	127	345967	20.350	ng/ul	99
33) Hexachlorobutadiene	10.946	225	123957	19.886	ng/ul	94
34) Caprolactam	11.504	113	78160m	18.435	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	263713	20.571	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	529748	20.304 ng/ul	99
37) 1-Methylnaphthalene	12.481	142	537140	20.174 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.634	216	243944	20.055 ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	129009	17.436 ng/ul	95
41) 2,4,6-Trichlorophenol	12.875	196	168190	20.054 ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	185494	19.970 ng/ul	100
43) 1,1'-Biphenyl	13.275	154	716153	20.279 ng/ul	100
44) 2-Chloronaphthalene	13.316	162	540697	20.182 ng/ul	97
45) 2-Nitroaniline	13.516	65	169153	20.295 ng/ul	95
47) Dimethylphthalate	13.898	163	685288	19.617 ng/ul	98
48) 2,6-Dinitrotoluene	14.016	165	138700	20.307 ng/ul	97
50) Acenaphthylene	14.163	152	902020	20.245 ng/ul	99
51) 3-Nitroaniline	14.339	138	143929	19.933 ng/ul	98
52) Acenaphthene	14.504	153	579775	19.921 ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	58041	13.273 ng/ul	95
55) 4-Nitrophenol	14.651	109	101973	17.180 ng/ul	93
56) Dibenzofuran	14.839	168	829175	20.223 ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	205574	20.328 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	142964	19.607 ng/ul	93
59) Diethylphthalate	15.263	149	700238	19.470 ng/ul	98
61) Fluorene	15.486	166	647663	20.300 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	293783	19.995 ng/ul	93
63) 4-Nitroaniline	15.498	138	135148	20.030 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.569	198	103502	18.024 ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	572534	20.424 ng/ul	97
68) 4-Bromophenyl-phenylether	16.375	248	170367	20.007 ng/ul#	89
69) Hexachlorobenzene	16.498	284	193830	19.802 ng/ul#	93
70) Atrazine	16.651	200	196687	20.110 ng/ul	96
71) Pentachlorophenol	16.839	266	107498	17.633 ng/ul	95
72) Phenanthrene	17.228	178	1032914	20.017 ng/ul	100
74) Anthracene	17.316	178	1050519	20.246 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.245	216	264860	20.228 ng/uL	95
76) Pentachlorobenzene	14.763	250	241882	20.901 ng/uL	97
77) Carbazole	17.586	167	968338	20.514 ng/ul	98
78) Di-n-butylphthalate	18.157	149	1188510	20.305 ng/ul	100
80) Fluoranthene	19.245	202	1167105	20.562 ng/ul#	94
82) Pyrene	19.610	202	1182901	20.313 ng/ul#	93
83) Butylbenzylphthalate	20.516	149	541230	20.652 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.298	252	323501	19.538 ng/ul#	94
85) Benzo(a)anthracene	21.369	228	1118035	20.423 ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.304	149	782946	21.174 ng/ul#	98
87) Chrysene	21.416	228	1054371	19.687 ng/ul	100
89) Di-n-octyl phthalate	22.210	149	1378784	21.076 ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1061882	21.050 ng/ul#	96
91) Benzo(k)fluoranthene	23.051	252	1003975m	20.907 ng/ul	
93) Benzo(a)pyrene	23.610	252	984602	20.164 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.104	276	981543	19.538 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.115	278	840576	19.589 ng/ul	98
96) Benzo(g,h,i)perylene	26.833	276	823292	19.406 ng/ul	96

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

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