

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

mohammad
5/26/2021 3:02:26 PM

TIC: BN014737.D

Abundance

me-->

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

1,4-Dioxane-d8.S

Pyridine-d5.S

Bis(2-chlorophenyl)ether-d8.S

1,4-Dichlorobenzene-d4.I

2,2'-oxybis(1-chloroethanol)

2,2'-oxybis(1-chloroethanol)-d8.S

Nitrobenzylamine.P

Nitrobenzylamine

Isobutylene

2,4-Dimethylphenol

Bis(2-chlorophenyl)ether-d8.S

2,4-Dichlorobenzene-d8.S

4-Chlorophenol-d8.I

Hexachlorobutadiene.C

Caprolactam

4-Chloro-3-methylphenol.C

Methylphthalene

1-Methylphthalene

2,4,6-Trichlorophenol.C

2-Nitroaniline

2-Chlorobenzene

2,6-Dinitrotoluene

2,6-Dinitrotoluene-d6.S

3-Nitroaniline

2,3,4,6-Tetrachlorophenol

2,3,4,6-Tetrachlorophenol-d8.S

4-Nitro-2-methylphenol-d8.S

4-Nitro-2-methylphenol

Nitrosodiphenylamine

4-Bromobenzylalcohol

4-Bromobenzylalcohol-d8.S

Pentachlorophenol

Carbazole

Di-n-butylphthalate

Fluoranthene

Pyrene-d10.S

Butylbenzylphthalate

Chrysene-d12.S

Benzo(a)fluoranthene

Di-n-octyl phthalate

Benzo(a)pyrene-d10.S

Benzo(a)pyrene-d12.S

Benzo(g,h,i)perylene

Dibenz(a,h)pyrene

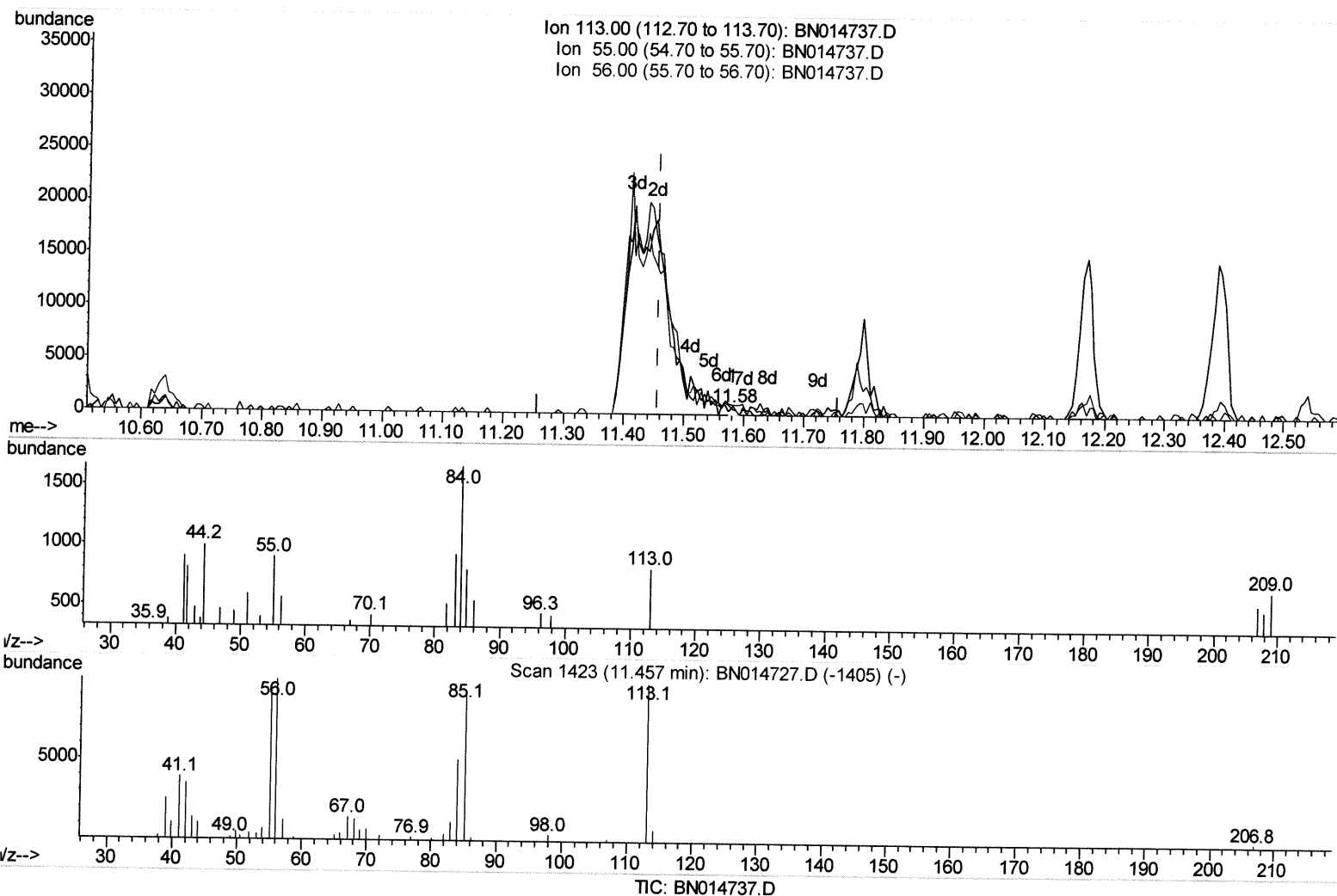
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
 Data File : BN014737.D
 Acq On : 25 May 2021 16:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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Quant Time: May 25 16:56:31 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration



(34) Caprolactam

11.581min (+0.123) 0.09ng/ul

response 455

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	109.36
56.00	73.20	68.29
0.00	0.00	0.00

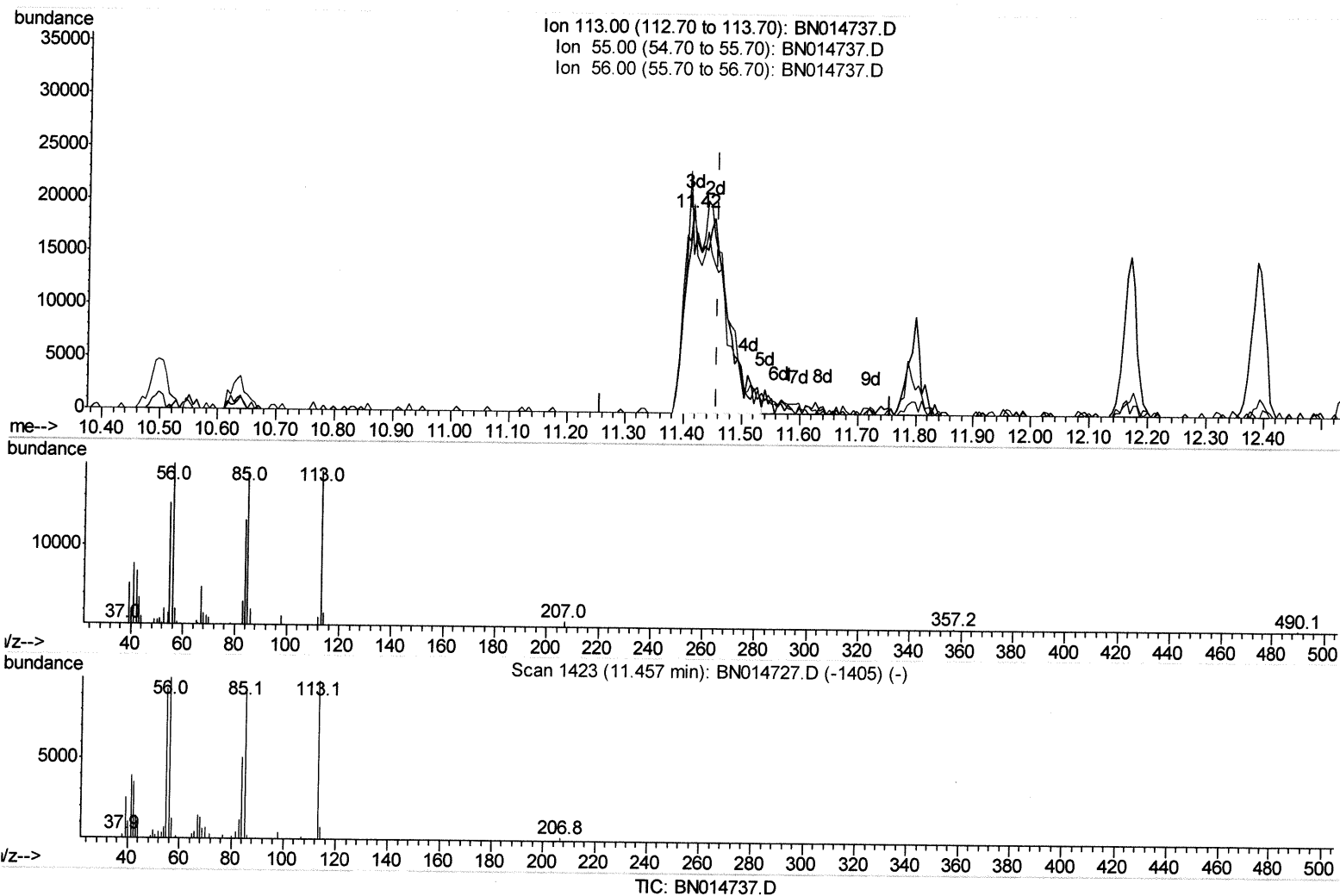
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(34) Caprolactam

11.416min (-0.041) 17.69ng/ul m

response 87299

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	79.04#
56.00	73.20	104.19#
0.00	0.00	0.00

JU 5/27/21

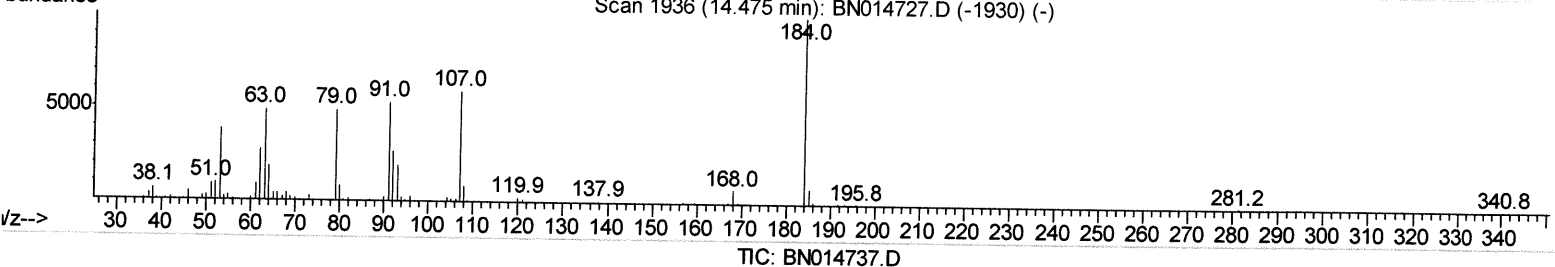
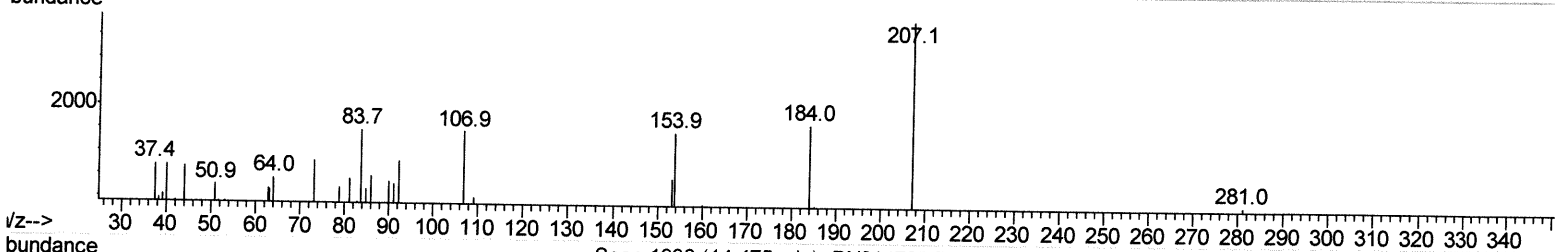
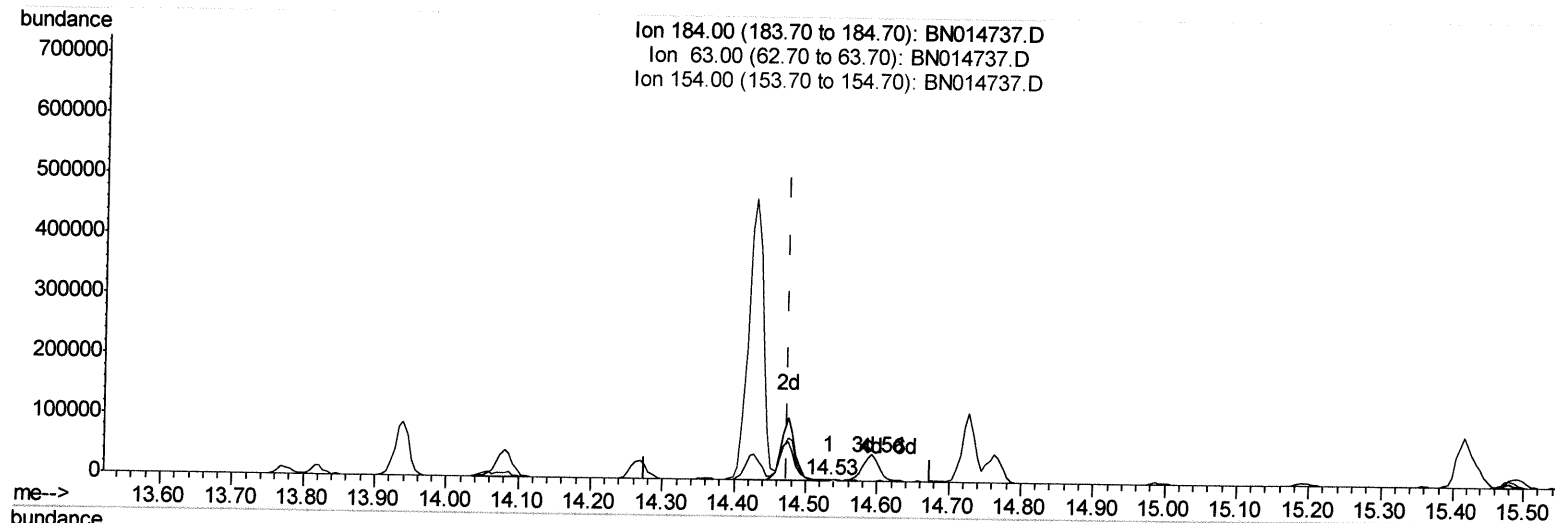
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(53) 2,4-Dinitrophenol

14.534min (+0.059) 0.22ng/ul

response 1547

Ion	Exp%	Act%
184.00	100	100
63.00	67.90	63.23
154.00	87.50	91.20
0.00	0.00	0.00

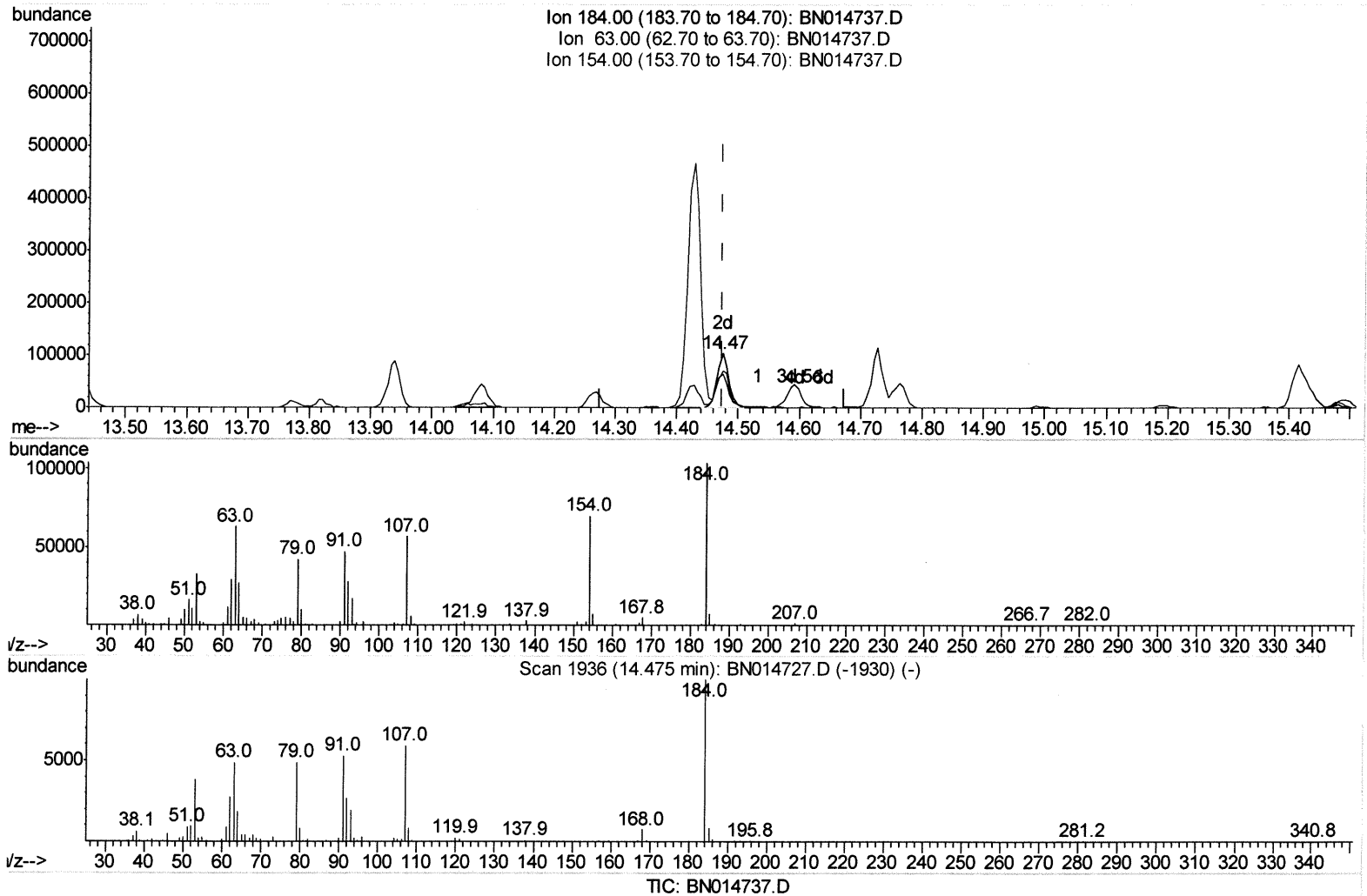
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(53) 2,4-Dinitrophenol

14.475min (-0.000) 19.81ng/ul m

response 138266

Ion	Exp%	Act%
184.00	100	100
63.00	67.90	60.88
154.00	87.50	67.51#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	224810	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	862865	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	658174	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1587769	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2009599	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2422242	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	43569	7.89	ng/uL	0.00
4) Pividine-d5	3.63	84	264893	19.05	ng/ul	0.00
7) Phenol-d5	6.89	99	396451	18.01	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	207277	18.94	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	257207	18.87	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	299858	17.52	ng/ul	0.00
21) Nitrobenzene-d5	8.87	128	124972	19.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	133402	19.09	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	301698	18.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	355345	18.92	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1032830	19.75	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1176770	19.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	145447	17.51	ng/ul	0.00
60) Fluorene-d10	15.36	176	880411	19.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	180797	20.82	ng/ul	0.00
73) Anthracene-d10	17.22	188	1485241	20.02	ng/ul	0.00
81) Pyrene-d10	19.52	212	1879819	19.84	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	2593423	20.10	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	50147	7.737	ng/uL	92
5) Pividine	3.65	79	234830	16.119	ng/ul	99
6) Benzaldehyde	6.86	77	267289	22.549	ng/ul	99
8) Phenol	6.92	94	414216	18.287	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.14	93	317998	18.190	ng/ul	96
12) 2-Chlorophenol	7.28	128	262727	18.412	ng/ul	96
13) 2-Methylphenol	8.16	108	307145	18.465	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.25	45	200106	18.145	ng/ul#	94
16) Acetophenone	8.53	105	539307	19.036	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.52	70	262724	19.252	ng/ul#	93
18) 4-Methylphenol	8.49	108	338238	18.644	ng/ul	89
19) Hexachloroethane	8.79	117	131605	18.422	ng/ul	89
22) Nitrobenzene	8.90	77	393865	19.416	ng/ul#	98
23) Isophorone	9.43	82	729227	18.931	ng/ul	99
25) 2-Nitrophenol	9.62	139	154233	20.773	ng/ul	94
26) 2,4-Dimethylphenol	9.68	107	439608	19.235	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.92	93	452127	19.318	ng/ul	96
29) 2,4-Dichlorophenol	10.15	162	291384	19.073	ng/ul	88
30) Naphthalene	10.55	128	892116	19.022	ng/ul	98
32) 4-Chloroaniline	10.66	127	387435	19.385	ng/ul	96
33) Hexachlorobutadiene	10.84	225	260240	19.050	ng/ul	93
34) Caprolactam	11.42	113	87299m	17.686	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.79	107	430441	19.443	ng/ul	95
36) 2-Methylnaphthalene	12.17	142	677355	19.376	ng/ul	94
37) 1-Methylnaphthalene	12.39	142	669002	19.465	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	479610	19.273	ng/ul	95
40) Hexachlorocyclopentadiene	12.53	237	315196	19.119	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.79	196	266537	19.073	ng/ul	98
42) 2,4,5-Trichlorophenol	12.86	196	306908	20.124	ng/ul	90
43) 1,1'-Biphenyl	13.19	154	920857	19.558	ng/ul	97
44) 2-Chloronaphthalene	13.23	162	749532	19.867	ng/ul	94
45) 2-Nitroaniline	13.43	65	227344	19.785	ng/ul	99
47) Dimethylphthalate	13.82	163	994818	19.235	ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	194443	20.231	ng/ul	96
50) Acenaphthylene	14.08	152	1114673	20.050	ng/ul	97
51) 3-Nitroaniline	14.27	138	180558	19.361	ng/ul	99
52) Acenaphthene	14.43	153	790687	19.629	ng/ul	100
53) 2,4-Dinitrophenol	14.47	184	138266m	19.815	ng/ul	99
55) 4-Nitrophenol	14.59	109	228909	14.374	ng/ul	93
56) Dibenzofuran	14.76	168	1192562	19.901	ng/ul	95
57) 2,4-Dinitrotoluene	14.73	165	307295	20.063	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.99	232	307244	19.585	ng/ul#	98
59) Diethylphthalate	15.20	149	983348	19.777	ng/ul	98
61) Fluorene	15.42	166	925482	20.528	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.42	204	525474	19.701	ng/ul	95
63) 4-Nitroaniline	15.43	138	197155	20.813	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.49	198	166350	19.580	ng/ul#	82
67) N-Nitrosodiphenylamine	15.63	169	871732	20.384	ng/ul	97
68) 4-Bromophenyl-phenylether	16.31	248	400027	19.348	ng/ul	88
69) Hexachlorobenzene	16.42	284	503515	19.467	ng/ul	96
70) Atrazine	16.59	200	354195	20.029	ng/ul	97
71) Pentachlorophenol	16.77	266	256118	17.198	ng/ul#	88
72) Phenanthrene	17.16	178	1668163	20.108	ng/ul	99
74) Anthracene	17.25	178	1676057	20.045	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	505550	19.269	ng/ul	97
76) Pentachlorobenzene	14.69	250	535608	19.738	ng/ul	99
77) Carbazole	17.52	167	1508955	21.413	ng/ul	98
78) Di-n-butylphthalate	18.09	149	1642880	19.785	ng/ul	98
80) Fluoranthene	19.18	202	2148407	19.228	ng/ul	98
82) Pyrene	19.55	202	2280422	19.846	ng/ul	98
83) Butylbenzylphthalate	20.46	149	769113	19.921	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.24	252	865022	22.831	ng/ul	100
85) Benzo(a)anthracene	21.30	228	2442058	19.495	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.25	149	1121393	20.150	ng/ul#	97
87) Chrysene	21.35	228	2398779	19.015	ng/ul	98
89) Di-n-octyl phthalate	22.13	149	2168823	20.238	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	3073300	21.142	ng/ul	99
91) Benzo(k)fluoranthene	22.94	252	2788302	19.252	ng/ul	98
93) Benzo(a)pyrene	23.48	252	2579890	19.611	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.87	276	3591467	19.925	ng/ul	98
95) Dibenzo(a,h)anthracene	25.89	278	2997615	20.095	ng/ul	98
96) Benzo(g,h,i)perylene	26.57	276	3055172	19.151	ng/ul#	92

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