

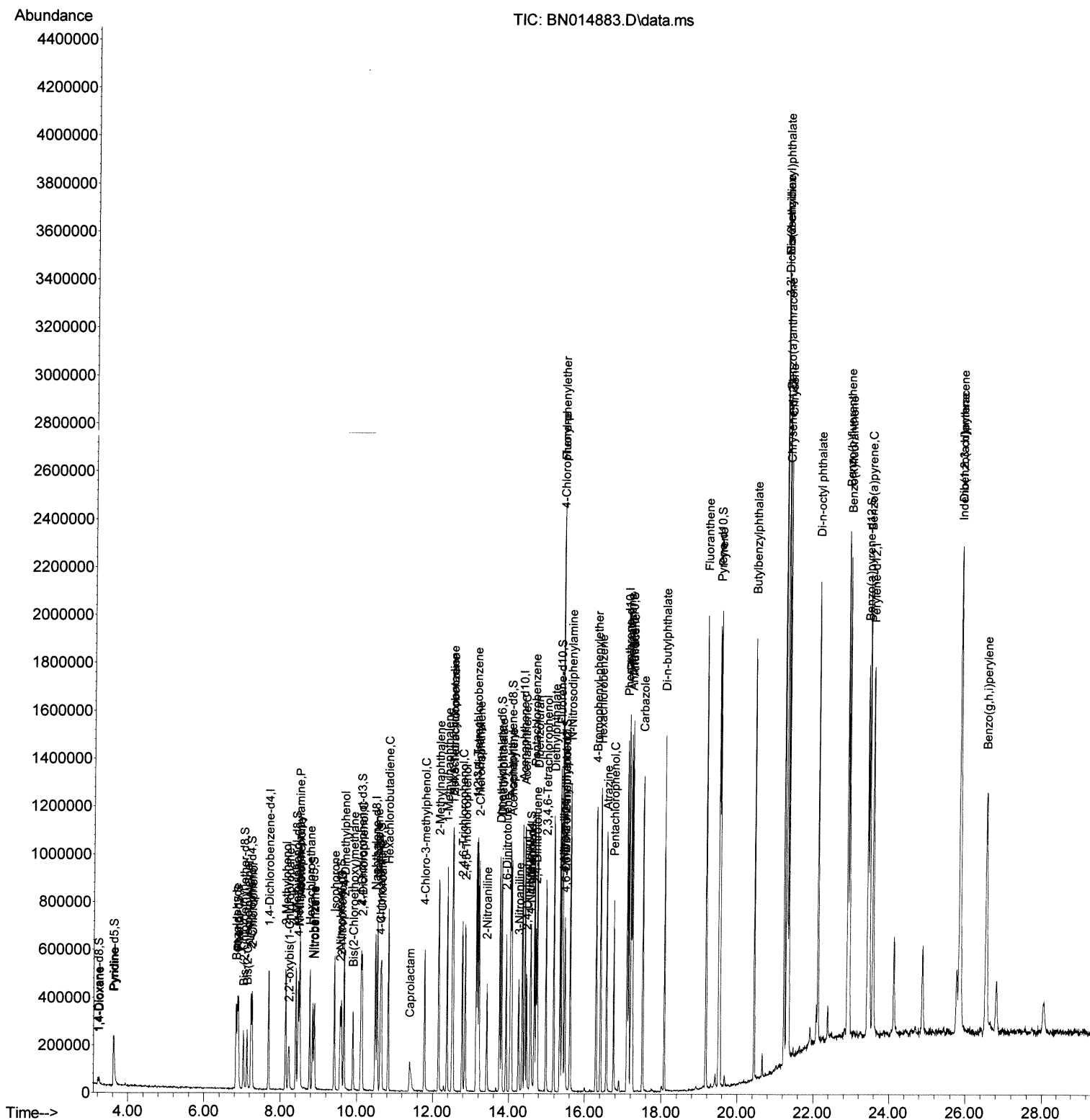
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014883.D
Acq On : 11 Jun 2021 13:02
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Quant Time: Jun 11 13:32:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

Manual Integrations
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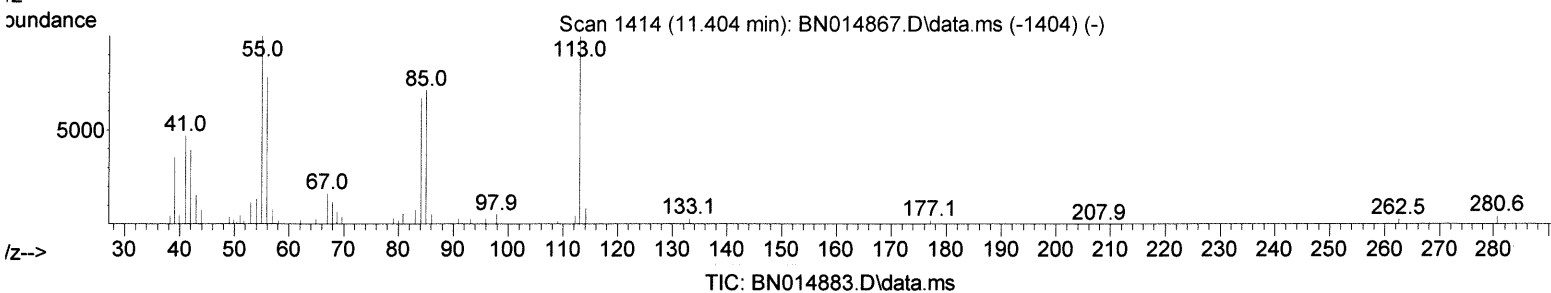
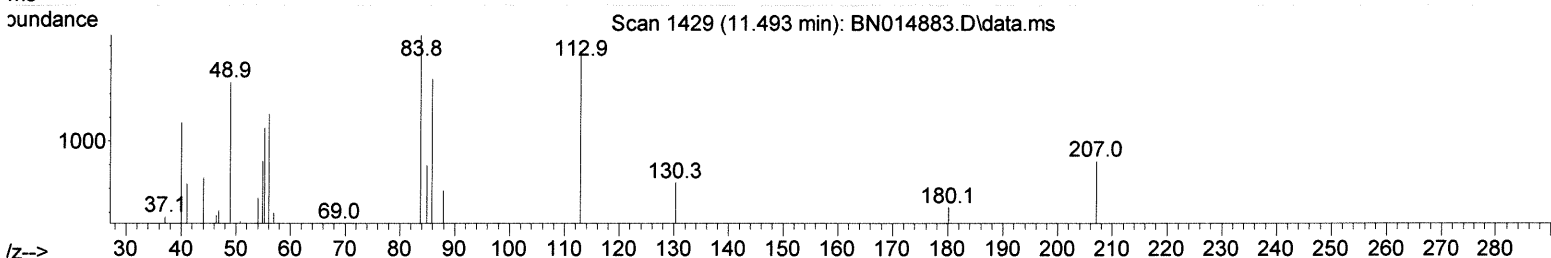
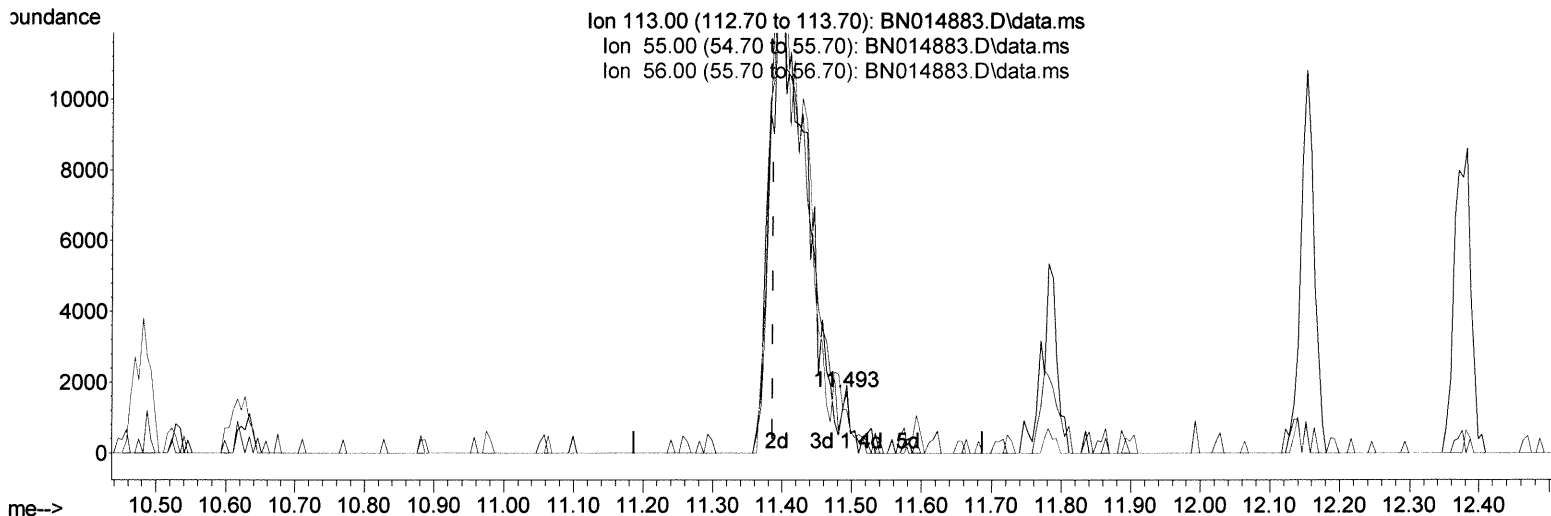
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(34) Caprolactam

11.493min (+ 0.106) 0.55 ng/ul

response 1505

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	111.75
56.00	73.20	70.89
0.00	0.00	0.00

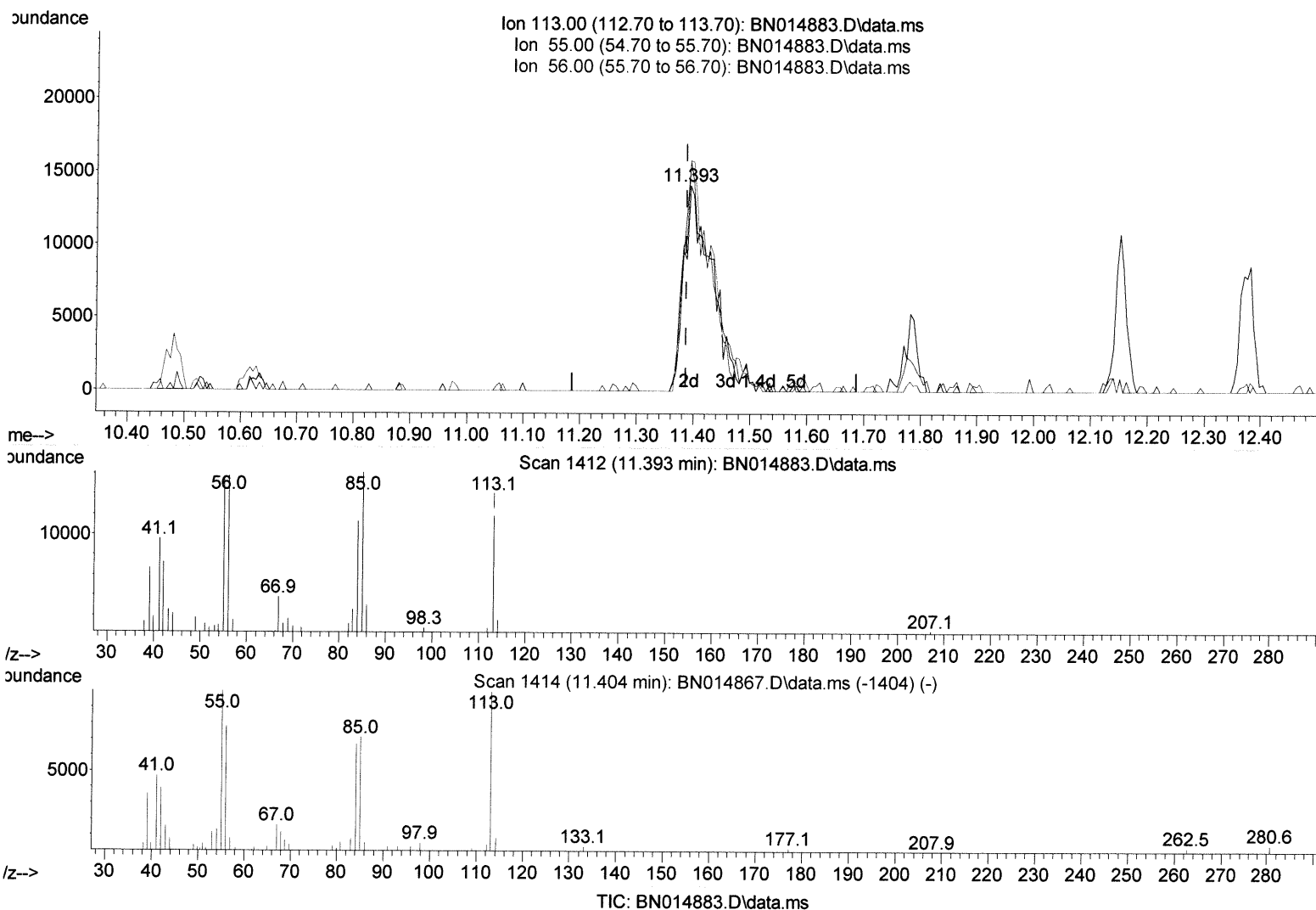
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(34) Caprolactam

11.393min (+ 0.006) 18.27 ng/ul m *JU 6/14/21*

response 49971

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	111.48
56.00	73.20	112.02#
0.00	0.00	0.00

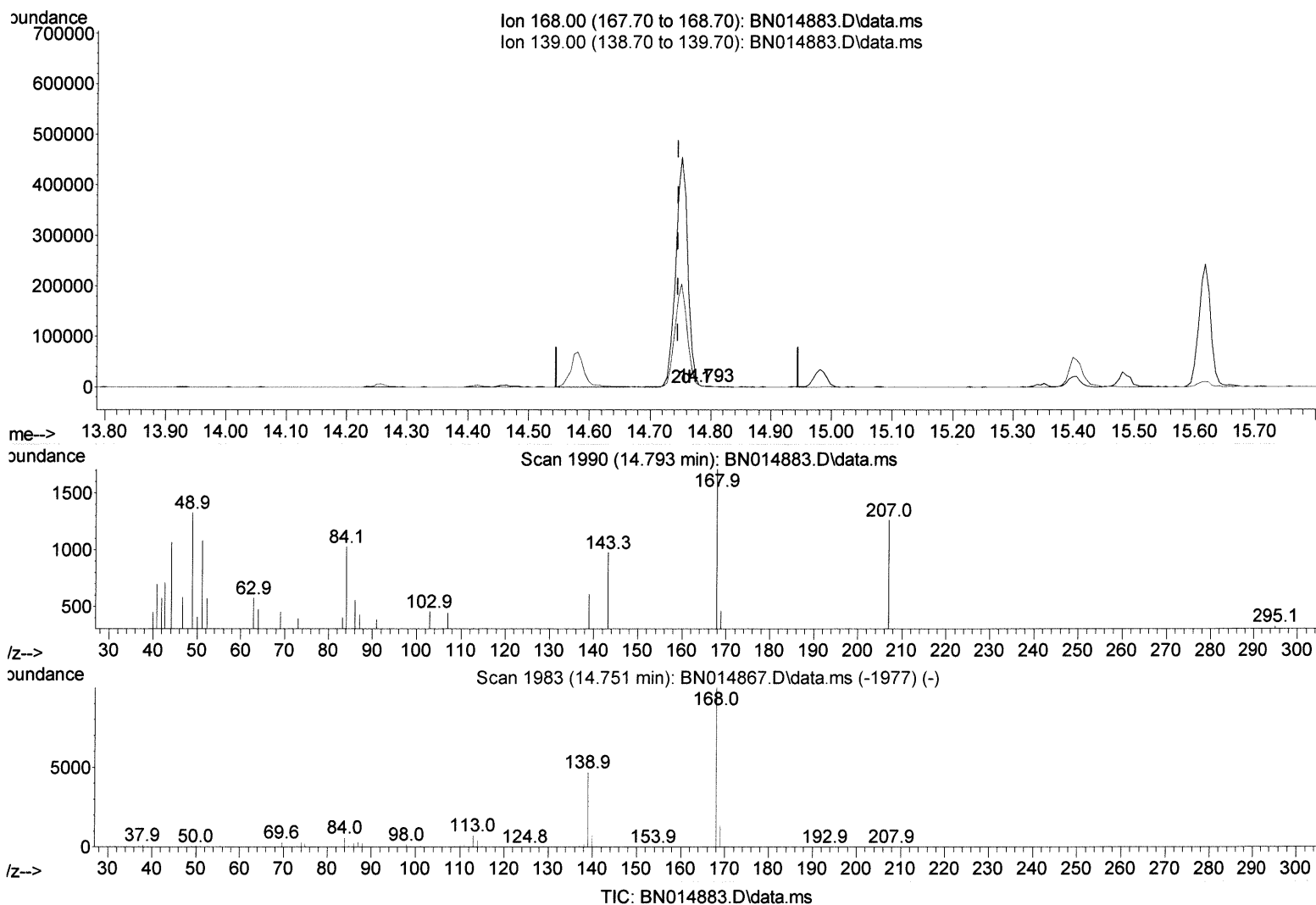
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(56) Dibenzofuran

14.793min (+ 0.047) 0.03 ng/ul

response 814

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	36.90	35.53
0.00	0.00	0.00
0.00	0.00	0.00

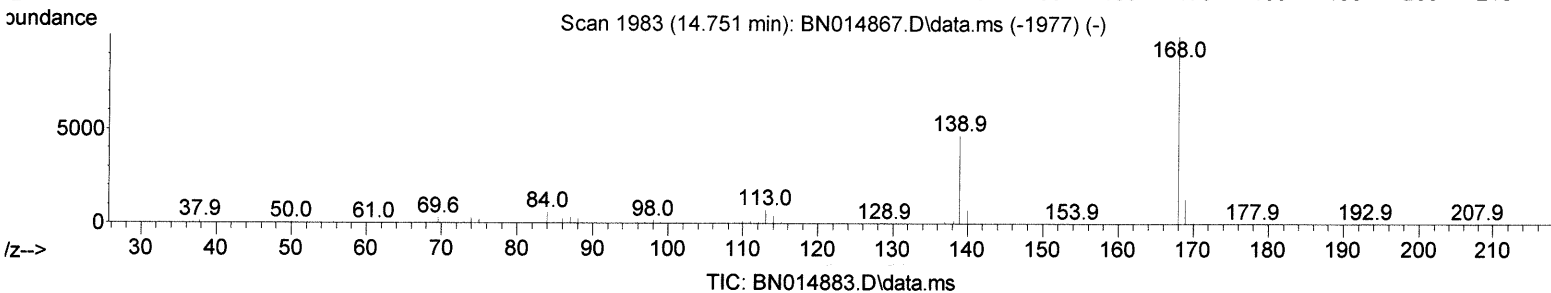
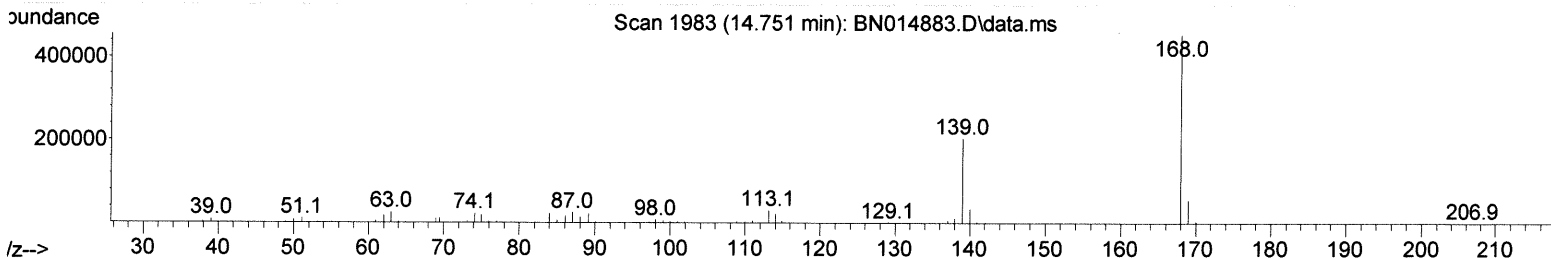
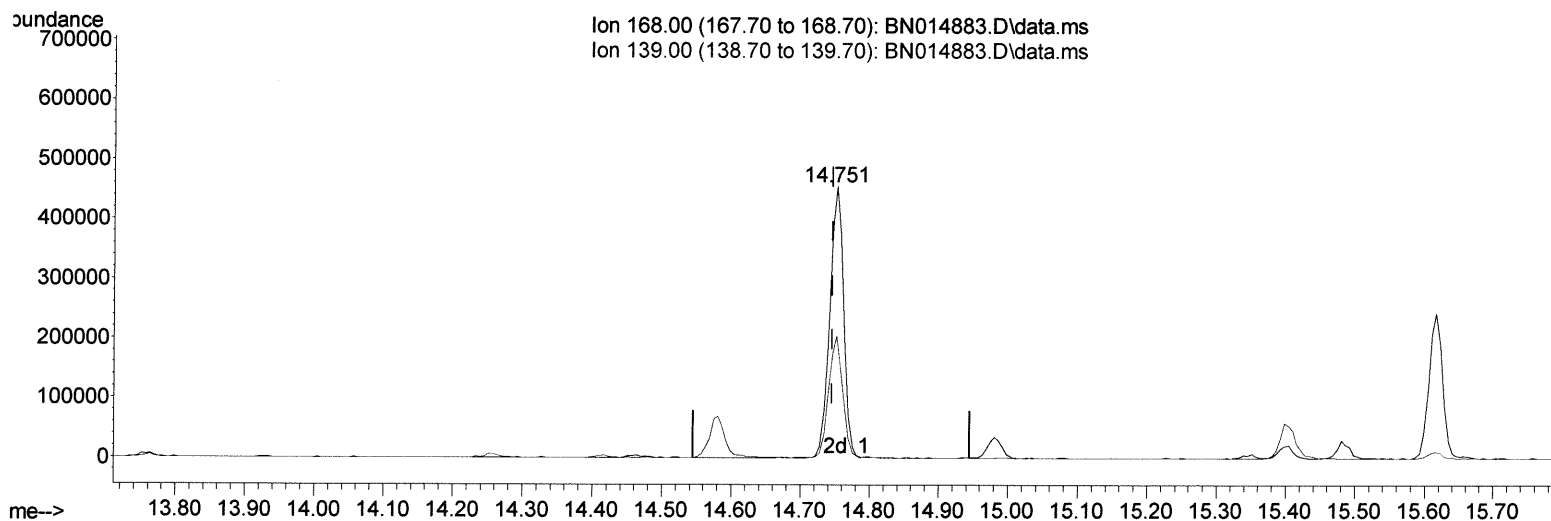
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(56) Dibenzofuran

14.751min (+ 0.006) 19.79 ng/ul m *Ju 6/11/21*

response 634554

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	36.90	44.91#
0.00	0.00	0.00
0.00	0.00	0.00

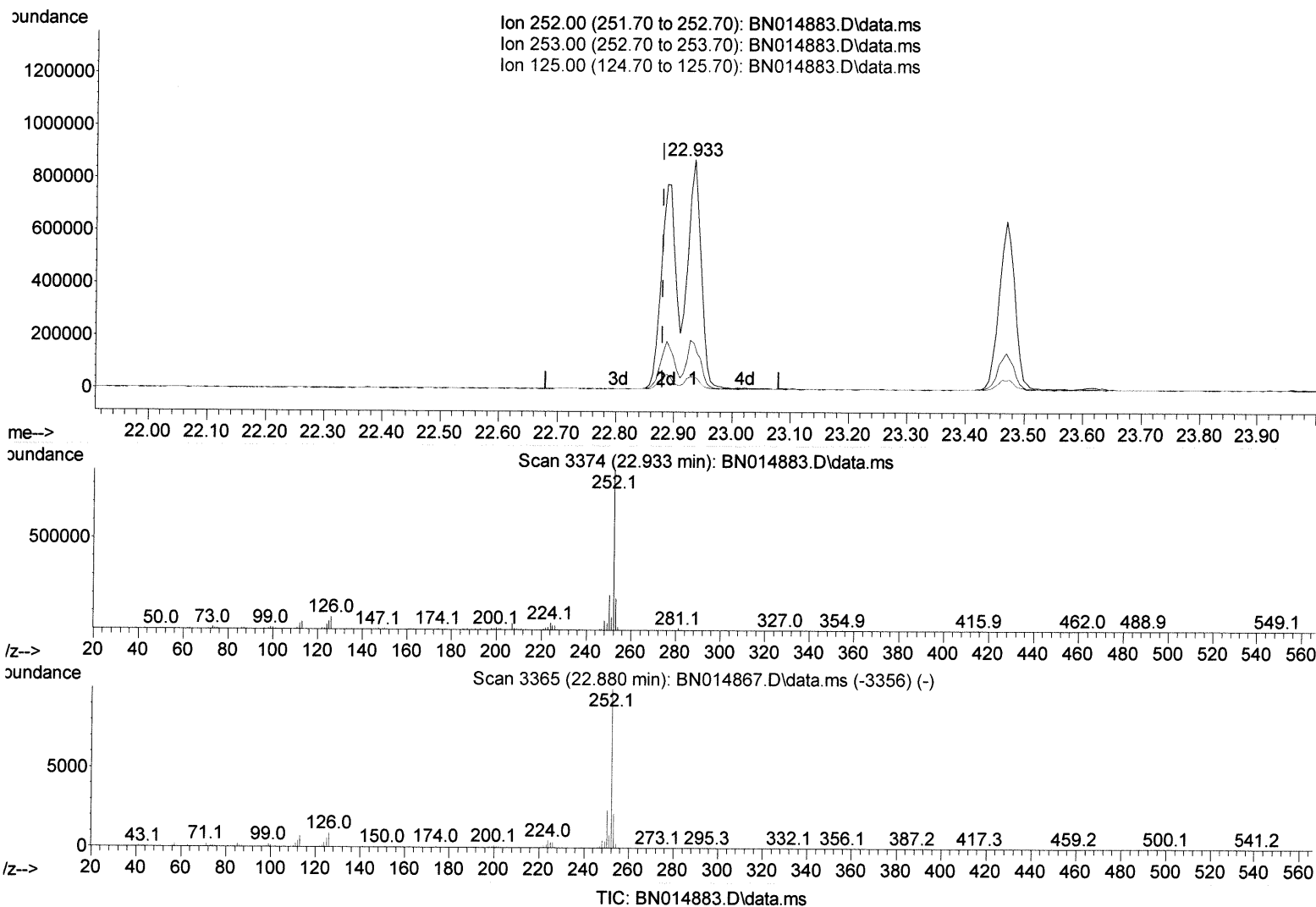
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(90) Benzo(b)fluoranthene

22.933min (+ 0.053) 20.28 ng/ul

response 1379286

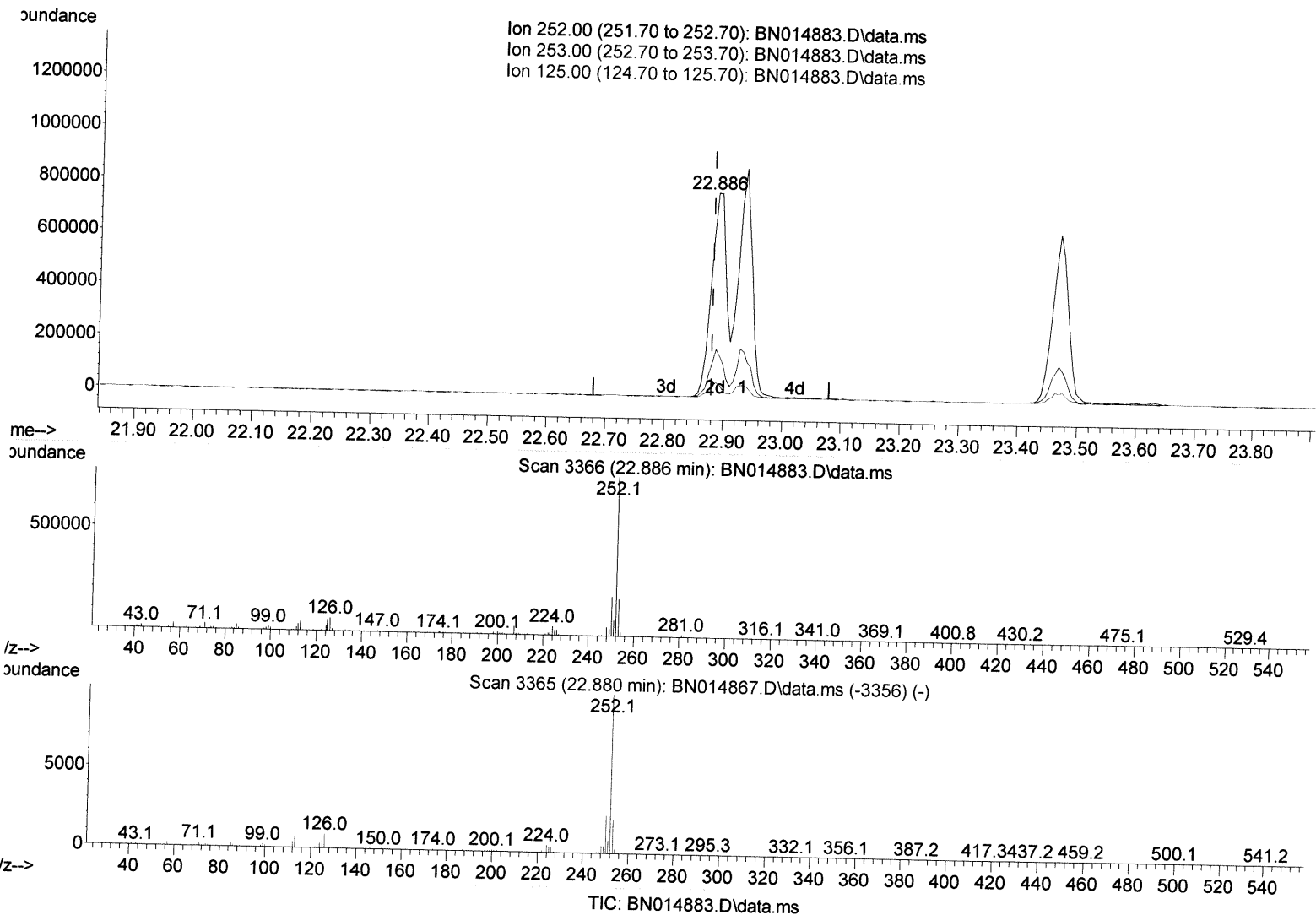
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	19.80	20.05
125.00	5.40	5.23
0.00	0.00	0.00

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(90) Benzo(b)fluoranthene

22.886min (+ 0.006) 20.29 ng/ul m *JY 6/14/21*

response 1380050

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	19.80	23.33
125.00	5.40	7.20#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	117568	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	478115	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	352120	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	825066	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.310	240	986006	20.000	ng/ul	0.01
88) Perylene-d12	23.569	264	1133179	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	15741	5.452	ng/uL	0.00
4) Pyridine-d5	3.617	84	105446	14.502	ng/ul	0.00
7) Phenol-d5	6.875	99	176684	15.348	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	90540	15.816	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	150674	21.134	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	158509	17.710	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	70882	19.681	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	90187	23.297	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	174258	19.742	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	203743	19.579	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	572743	20.473	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	658904	20.368	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	83120	18.703	ng/ul	0.01
60) Fluorene-d10	15.345	176	467986	19.415	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	99173	21.976	ng/ul	0.00
73) Anthracene-d10	17.204	188	753296	19.545	ng/ul	0.00
81) Pyrene-d10	19.504	212	971548	20.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.422	264	1203838	19.944	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	16567	4.888	ng/ul#	76
5) Pyridine	3.628	79	95309	12.509	ng/ul	89
6) Benzaldehyde	6.846	77	126578	20.419	ng/ul	95
8) Phenol	6.899	94	188811	15.940	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.128	93	144624	15.819	ng/ul	98
12) 2-Chlorophenol	7.264	128	150622	20.184	ng/ul	96
13) 2-Methylphenol	8.140	108	148594	17.082	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.228	45	95052	16.481	ng/ul#	94
16) Acetophenone	8.516	105	277415	18.724	ng/ul	86
17) N-Nitroso-di-n-propyla...	8.499	70	128792	18.047	ng/ul#	91
18) 4-Methylphenol	8.469	108	163760	17.260	ng/ul	92
19) Hexachloroethane	8.769	117	84568	22.636	ng/ul#	86
22) Nitrobenzene	8.893	77	191693	17.054	ng/ul	92
23) Isophorone	9.410	82	370442	17.356	ng/ul	95
25) 2-Nitrophenol	9.599	139	90879	22.090	ng/ul#	86
26) 2,4-Dimethylphenol	9.669	107	222622	17.579	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.899	93	196814	15.176	ng/ul#	95
29) 2,4-Dichlorophenol	10.140	162	171141	20.217	ng/ul	95
30) Naphthalene	10.534	128	513995	19.779	ng/ul	99
32) 4-Chloroaniline	10.646	127	205963	18.598	ng/ul	97
33) Hexachlorobutadiene	10.822	225	161788	21.374	ng/ul	88
34) Caprolactam	11.393	113	49971m	18.271	ng/ul	> 74 6/11/21
35) 4-Chloro-3-methylphenol	11.781	107	225410	18.375	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.152	142	376487	19.436	ng/ul	96
37) 1-Methylnaphthalene	12.375	142	372982	19.585	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.528	216	260177	19.542	ng/ul#	92
40) Hexachlorocyclopentadiene	12.510	237	218821	24.810	ng/ul	99
41) 2,4,6-Trichlorophenol	12.769	196	157288	21.038	ng/ul	88
42) 2,4,5-Trichlorophenol	12.846	196	172138	21.098	ng/ul	93
43) 1,1'-Biphenyl	13.175	154	502782	19.960	ng/ul	96
44) 2-Chloronaphthalene	13.216	162	409946	20.311	ng/ul	99
45) 2-Nitroaniline	13.422	65	128450	20.895	ng/ul	94
47) Dimethylphthalate	13.804	163	556086	20.097	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	111746	21.733	ng/ul	95
50) Acenaphthylene	14.069	152	602241	20.248	ng/ul	98
51) 3-Nitroaniline	14.257	138	100877	20.219	ng/ul	81
52) Acenaphthene	14.416	153	443562	20.582	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	93548	25.059	ng/ul	95
55) 4-Nitrophenol	14.581	109	157933	18.538	ng/ul	94
56) Dibenzofuran	14.751	168	634554m	19.793	ng/ul	93
57) 2,4-Dinitrotoluene	14.716	165	173926	21.225	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.981	232	170392	20.302	ng/ul#	93
59) Diethylphthalate	15.181	149	556920	20.937	ng/ul	96
61) Fluorene	15.404	166	510699	21.174	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	286497	20.078	ng/ul#	84
63) 4-Nitroaniline	15.422	138	101379	20.004	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.481	198	97724	22.136	ng/ul#	87
67) N-Nitrosodiphenylamine	15.616	169	459063	20.657	ng/ul	93
68) 4-Bromophenyl-phenylether	16.298	248	214339	19.950	ng/ul#	85
69) Hexachlorobenzene	16.410	284	274393	20.415	ng/ul	94
70) Atrazine	16.575	200	197001	21.438	ng/ul	98
71) Pentachlorophenol	16.757	266	128312	16.581	ng/ul	93
72) Phenanthrene	17.145	178	861864	19.992	ng/ul	97
74) Anthracene	17.234	178	914738	21.053	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.140	216	277270	20.337	ng/ul	96
76) Pentachlorobenzene	14.675	250	283927	20.136	ng/ul	98
77) Carbazole	17.510	167	769549	21.015	ng/ul	98
78) Di-n-butylphthalate	18.081	149	1000239	23.181	ng/ul	99
80) Fluoranthene	19.169	202	1141056	20.814	ng/ul#	95
82) Pyrene	19.533	202	1181333	20.954	ng/ul	97
83) Butylbenzylphthalate	20.445	149	482208	25.455	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	473863	25.490	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1218928	19.832	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.233	149	694098	25.420	ng/ul	98
87) Chrysene	21.345	228	1226014	19.808	ng/ul	95
89) Di-n-octyl phthalate	22.116	149	1334053	26.610	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1380050m	20.293	ng/ul	98
91) Benzo(k)fluoranthene	22.933	252	1379286	20.357	ng/ul	98
93) Benzo(a)pyrene	23.469	252	1200292	19.503	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.851	276	1592124	18.881	ng/ul	97
95) Dibenzo(a,h)anthracene	25.857	278	1363391	19.537	ng/ul	97
96) Benzo(g,h,i)perylene	26.539	276	1407023	18.853	ng/ul	97

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

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