Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033377.D
Acq On : 10 Dec 2021 03:34
Operator : CG/JU
Sample : PB141278BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 10 05:47:38 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
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ClientSampleId :
SLCS278

Manual IntegrationsAPPROVED

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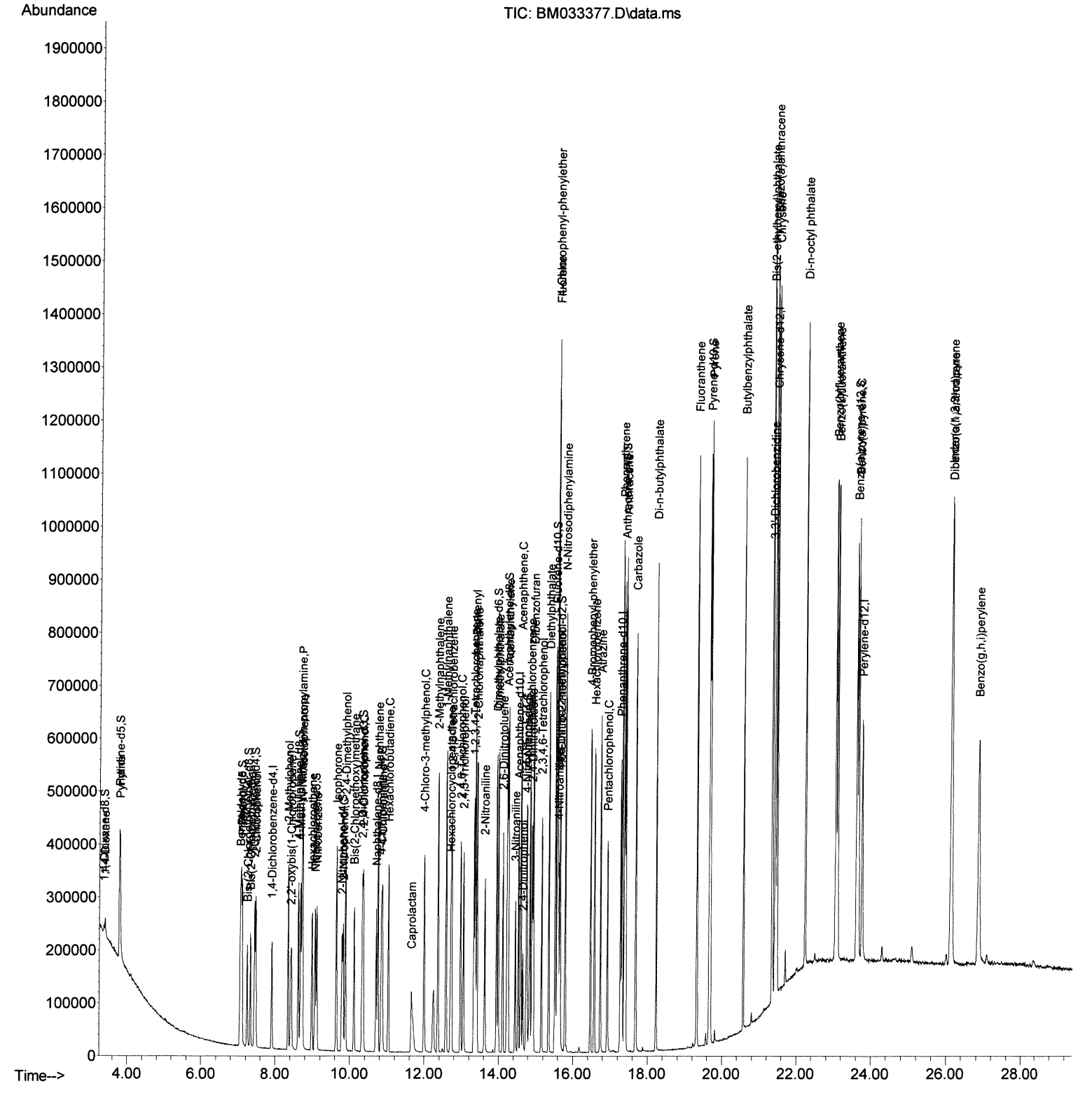
Supervised By :mohammad ahmed 12/15/2021



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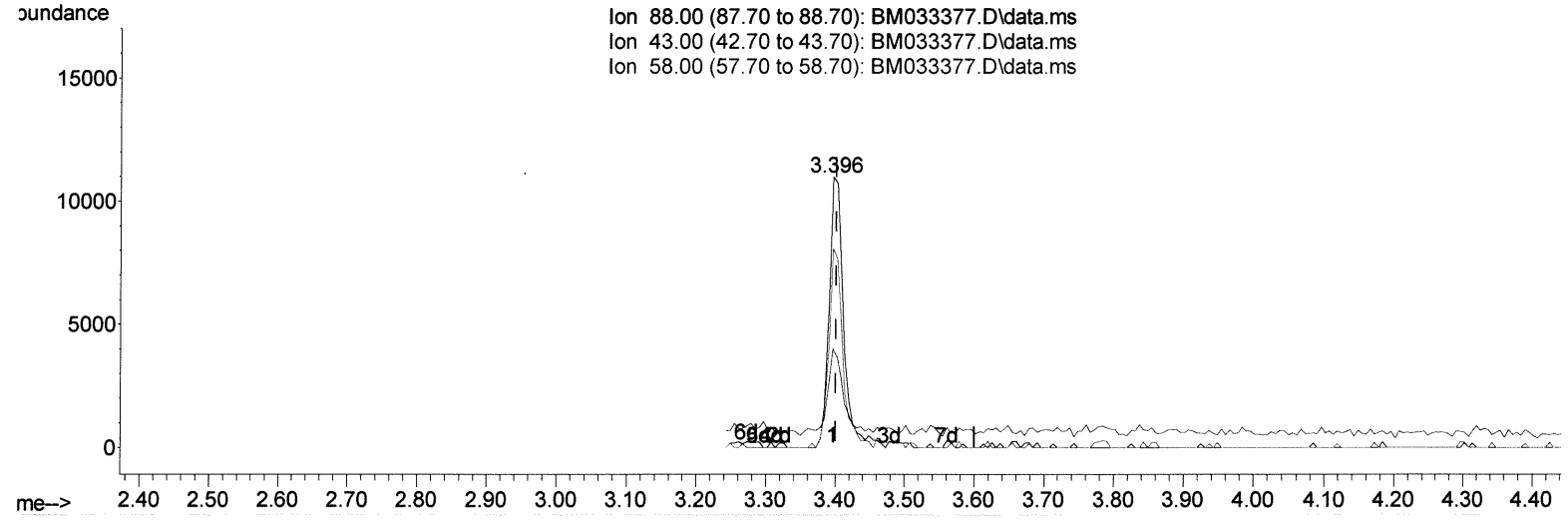

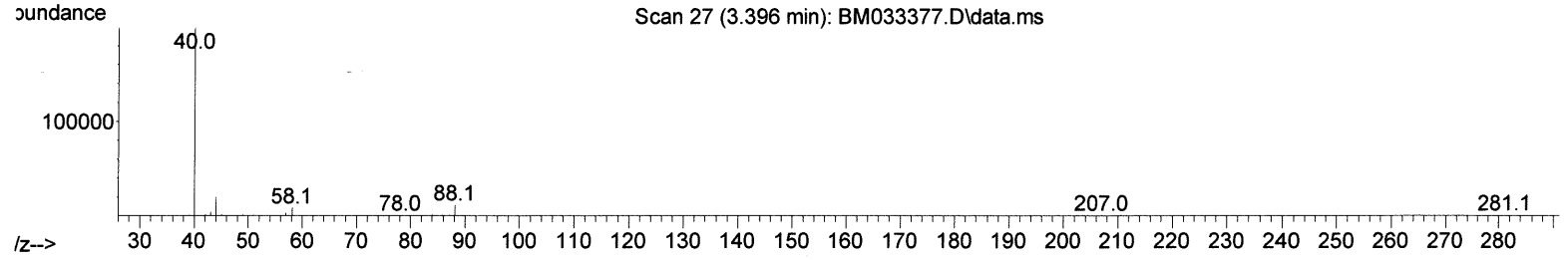

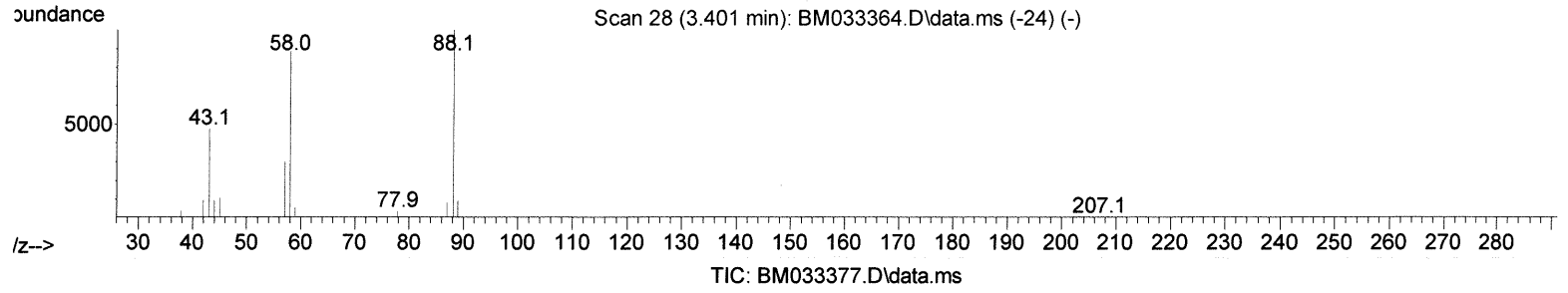

TIC: BM033377.D\data.ms

(2) 1,4-Dioxane

3.396min (-0.005) 10.75 ng/uL

response 15791

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	45.30	36.47
58.00	85.60	73.78
0.00	0.00	0.00

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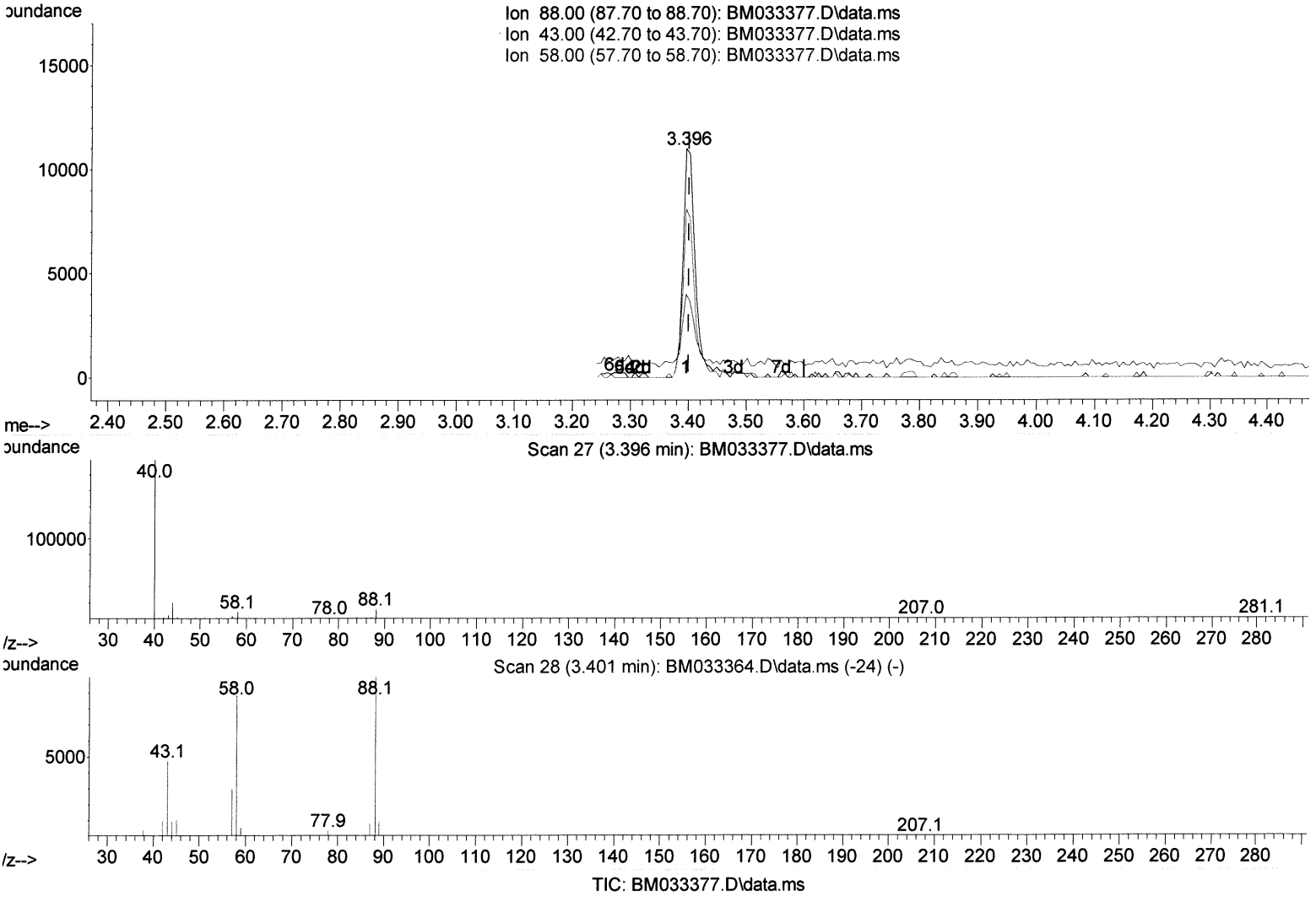

(2) 1,4-Dioxane

3.396min (-0.005) 11.04 ng/uL m

12/28/21

response 16223

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	45.30	36.47
58.00	85.60	73.78
0.00	0.00	0.00

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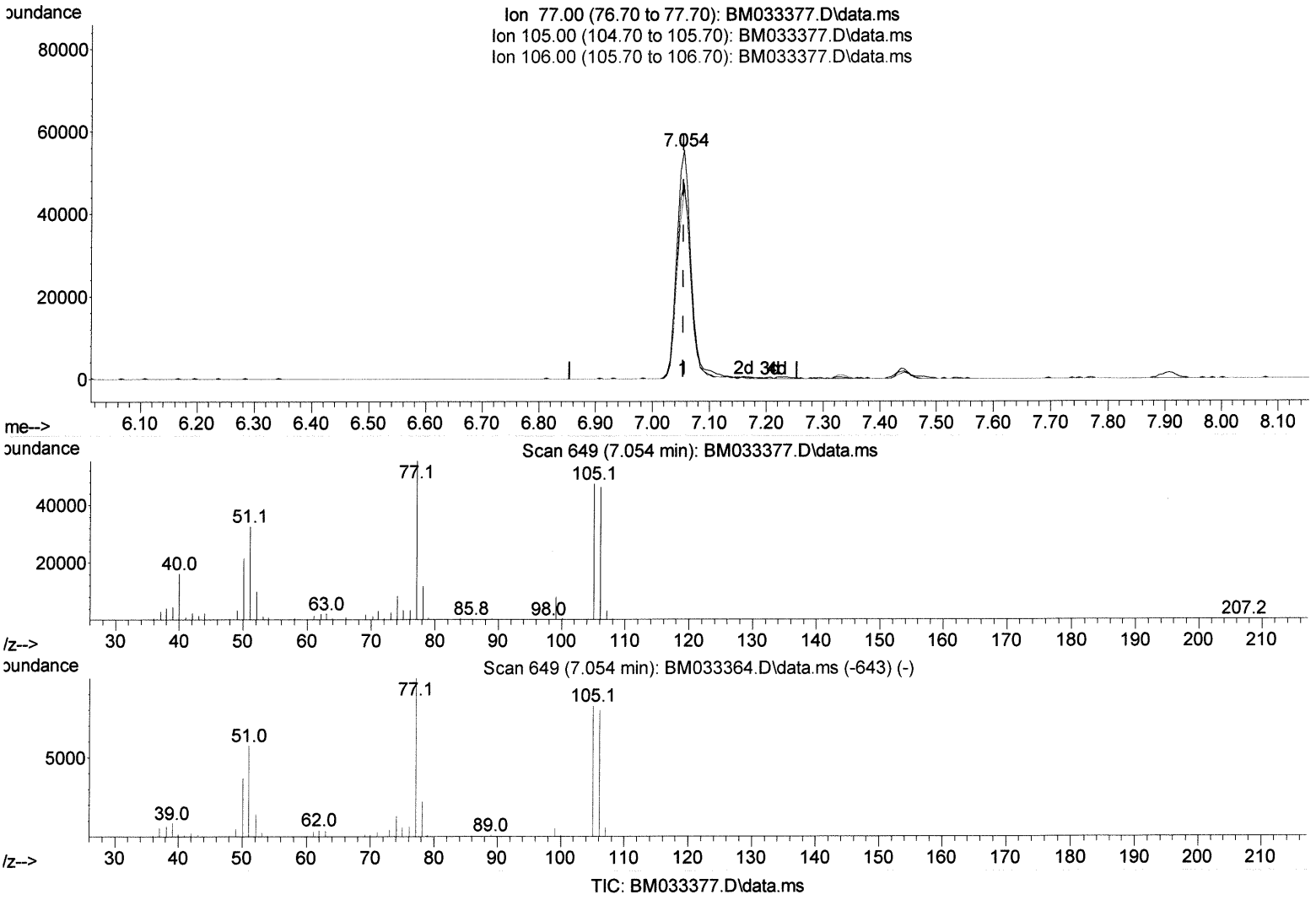

TIC: BM033377.D\data.ms

(6) Benzaldehyde

7.054min (+ 0.000) 36.92 ng/ul

response 96620

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	82.00	85.55
106.00	75.70	83.32
0.00	0.00	0.00

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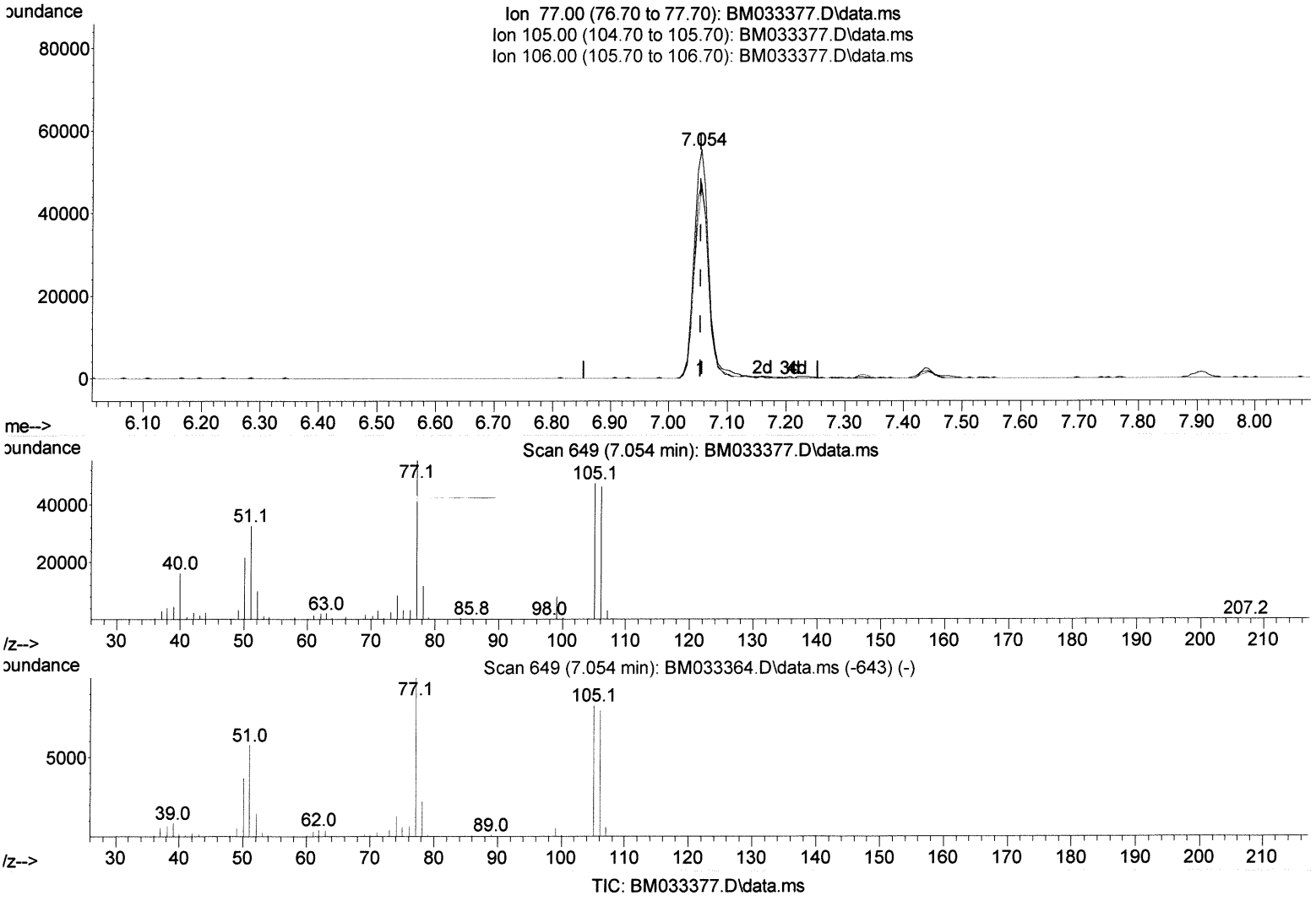

(6) Benzaldehyde

7.054min (+ 0.000) 35.80 ng/ul m

response 93699

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	82.00	85.55
106.00	75.70	83.32
0.00	0.00	0.00

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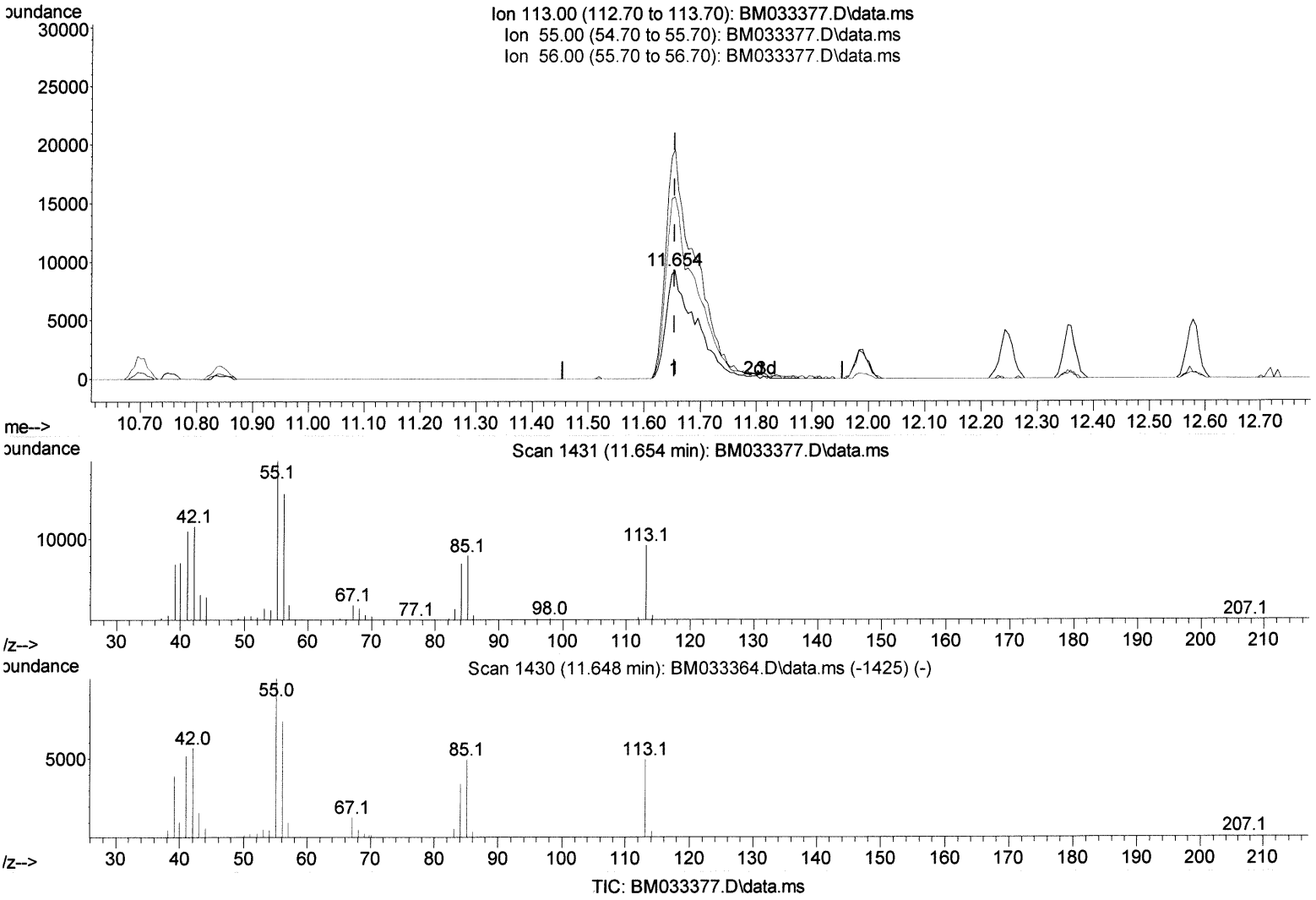

(34) Caprolactam

11.654min (+ 0.000) 30.91 ng/ul

response 33638

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	211.38
56.00	164.70	167.88
0.00	0.00	0.00

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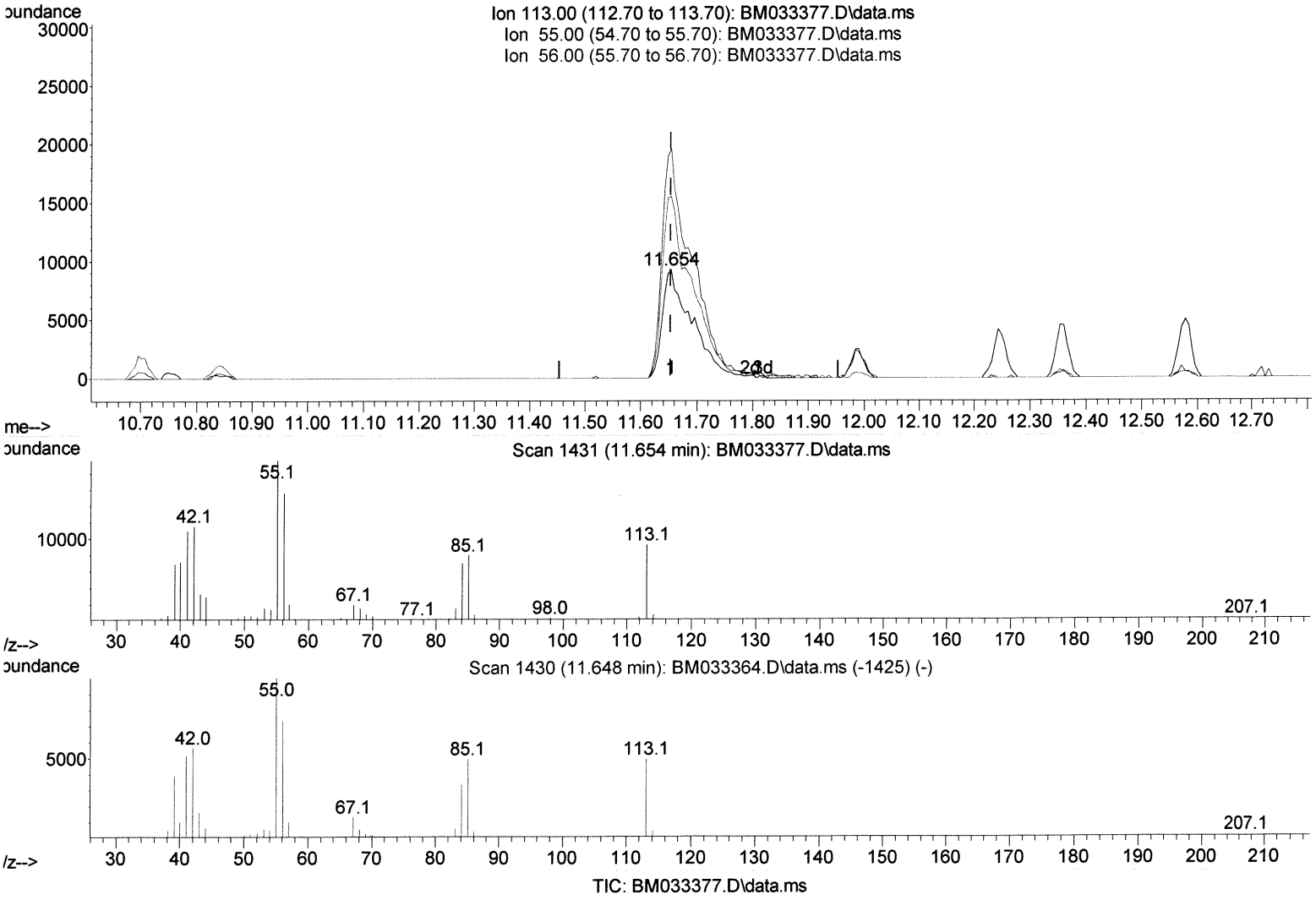

(34) Caprolactam

11.654min (+ 0.000) 31.05 ng/ul m

response 33797

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	211.38
56.00	164.70	167.88
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	7.907	152	49608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	202636	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	140224	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	307903	20.000	ng/ul	0.00
79) Chrysene-d12	21.430	240	314549	20.000	ng/ul	# 0.00
88) Perylene-d12	23.753	264	304323	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	7709	5.840	ng/uL	0.00
4) Pyridine-d5	3.784	84	104256	27.238	ng/ul	0.00
7) Phenol-d5	7.078	99	138702	29.527	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	89085	28.968	ng/ul	0.00
11) 2-Chlorophenol-d4	7.443	132	99372	30.214	ng/ul	0.00
15) 4-Methylphenol-d8	8.613	113	105568	28.712	ng/ul	0.00
21) Nitrobenzene-d5	9.072	128	51480	31.310	ng/ul	0.00
24) 2-Nitrophenol-d4	9.784	143	52342	31.028	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.325	165	100852	31.635	ng/ul	0.00
31) 4-Chloroaniline-d4	10.842	131	119196	25.218	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	323062	30.835	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	406368	31.288	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	60371	31.736	ng/ul	0.00
60) Fluorene-d10	15.525	176	290609	31.009	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	54308	29.223	ng/ul	0.00
73) Anthracene-d10	17.371	188	482062	31.679	ng/ul	0.00
81) Pyrene-d10	19.654	212	562342	31.987	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.606	264	516352	31.303	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	16223m	11.041	ng/uL	> 14/12/2021
5) Pyridine	3.802	79	107874	27.365	ng/ul	84
6) Benzaldehyde	7.054	77	93699m	35.803	ng/ul	> 14/12/2021
8) Phenol	7.102	94	137274	28.370	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.331	93	103884	28.539	ng/ul	98
12) 2-Chlorophenol	7.472	128	100372	29.513	ng/ul	96
13) 2-Methylphenol	8.348	108	96531	27.517	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.425	45	177992	28.338	ng/ul	97
16) Acetophenone	8.731	105	169925	27.898	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.713	70	97053	29.151	ng/ul	98
18) 4-Methylphenol	8.678	108	108151	28.178	ng/ul	95
19) Hexachloroethane	8.984	117	48905	28.463	ng/ul	92
22) Nitrobenzene	9.113	77	145855	30.299	ng/ul	97
23) Isophorone	9.637	82	255073	30.944	ng/ul	100
25) 2-Nitrophenol	9.819	139	56090	31.363	ng/ul	95
26) 2,4-Dimethylphenol	9.878	107	130931	30.194	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.113	93	143046	30.856	ng/ul	99
29) 2,4-Dichlorophenol	10.354	162	98243	30.442	ng/ul	95
30) Naphthalene	10.754	128	334335	29.607	ng/ul	99
32) 4-Chloroaniline	10.866	127	117274	24.687	ng/ul	100
33) Hexachlorobutadiene	11.025	225	69247	29.314	ng/ul	96
34) Caprolactam	11.654	113	33797m	31.054	ng/ul	> 14/12/2021
35) 4-Chloro-3-methylphenol	11.989	107	118034	31.159	ng/ul	91

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	228030	29.777 ng/ul	98
37) 1-Methylnaphthalene	12.578	142	237410	29.831 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.725	216	121922	28.858 ng/ul	97
40) Hexachlorocyclopentadiene	12.695	237	76643	27.795 ng/ul	99
41) 2,4,6-Trichlorophenol	12.966	196	78732	31.659 ng/ul	98
42) 2,4,5-Trichlorophenol	13.042	196	86193	31.993 ng/ul	95
43) 1,1'-Biphenyl	13.366	154	316529	29.506 ng/ul	99
44) 2-Chloronaphthalene	13.413	162	245484	29.743 ng/ul	99
45) 2-Nitroaniline	13.619	65	94420	32.078 ng/ul	97
47) Dimethylphthalate	13.989	163	318435	30.610 ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	63065	31.361 ng/ul	92
50) Acenaphthylene	14.254	152	418159	30.922 ng/ul	99
51) 3-Nitroaniline	14.448	138	56975	28.784 ng/ul	98
52) Acenaphthene	14.595	153	269382	30.015 ng/ul	97
53) 2,4-Dinitrophenol	14.648	184	30258	25.604 ng/ul	91
55) 4-Nitrophenol	14.754	109	62867	30.576 ng/ul	95
56) Dibenzofuran	14.930	168	398189	30.595 ng/ul	97
57) 2,4-Dinitrotoluene	14.895	165	96359	32.618 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.154	232	73684	32.173 ng/ul#	96
59) Diethylphthalate	15.348	149	334168	30.950 ng/ul	100
61) Fluorene	15.577	166	330907	30.922 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.572	204	164738	30.861 ng/ul	96
63) 4-Nitroaniline	15.607	138	72840	35.835 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.654	198	54117	29.234 ng/ul	90
67) N-Nitrosodiphenylamine	15.783	169	281106	31.051 ng/ul	98
68) 4-Bromophenyl-phenylether	16.460	248	94728	30.545 ng/ul	97
69) Hexachlorobenzene	16.572	284	105958	29.653 ng/ul	99
70) Atrazine	16.736	200	103981	28.947 ng/ul	97
71) Pentachlorophenol	16.924	266	60164	30.027 ng/ul	99
72) Phenanthrene	17.313	178	548365	30.872 ng/ul	98
74) Anthracene	17.407	178	554190	30.773 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.331	216	126337	28.450 ng/uL	97
76) Pentachlorobenzene	14.848	250	125521	28.623 ng/uL	96
77) Carbazole	17.677	167	494599	30.387 ng/ul	99
78) Di-n-butylphthalate	18.230	149	595056	32.582 ng/ul	99
80) Fluoranthene	19.318	202	647496	31.247 ng/ul	100
82) Pyrene	19.683	202	680755	31.381 ng/ul	99
83) Butylbenzylphthalate	20.571	149	268584	32.322 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.354	252	189564	26.515 ng/ul	98
85) Benzo(a)anthracene	21.418	228	638127	30.877 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	392231	32.842 ng/ul	99
87) Chrysene	21.471	228	636480	31.336 ng/ul	98
89) Di-n-octyl phthalate	22.236	149	677041	30.343 ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	660337	31.670 ng/ul	98
91) Benzo(k)fluoranthene	23.100	252	582770	30.186 ng/ul	99
93) Benzo(a)pyrene	23.653	252	616433	30.812 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.130	276	634682	29.170 ng/ul	96
95) Dibenzo(a,h)anthracene	26.141	278	554593	29.303 ng/ul	99
96) Benzo(g,h,i)perylene	26.859	276	542423	29.229 ng/ul	98

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